

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062722\
 Data File : P0087462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2022 02:44
 Operator : YP/AJ
 Sample : N3488-13MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 05:59:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.450	3.610	60877621	22119833	23.520	22.480
2)	SA Decachlor...	10.300	8.615	48867473	15843852	23.923	19.544
Target Compounds							
3)	L1 AR-1016-1	5.626	4.689	47796597	19566863	532.530	489.287
4)	L1 AR-1016-2	5.649	4.708	67237340	26798943	534.993	480.691
5)	L1 AR-1016-3	5.711	4.884	41979303	14647254	539.371	497.525
6)	L1 AR-1016-4	5.811	4.926	33472338	11489410	547.611	478.108
7)	L1 AR-1016-5	6.107	5.139	34353652	14903255	573.219	487.225
8)	L2 AR-1221-1	4.658	3.821	5959737	1821890	193.745	155.136
9)	L2 AR-1221-2	4.745	3.907	5954322	2436347	262.687	274.031
10)	L2 AR-1221-3	4.822	3.982	26032822	10683686	372.217	381.914
11)	L3 AR-1232-1	4.822	3.982	26032822	10683686	397.694	411.560
12)	L3 AR-1232-2	5.161	4.708	38492753	26798943	1192.070	1099.026
13)	L3 AR-1232-3	5.649	4.884	67237340	14647254	1114.932	1179.414
14)	L3 AR-1232-4	5.811	4.968	33472338	14268073	1143.200	1258.398
15)	L3 AR-1232-5	5.901	5.139	30576809	14903255	1239.977	1187.621
16)	L4 AR-1242-1	5.626	4.689	47796597	19566863	659.144	685.586
17)	L4 AR-1242-2	5.649	4.708	67237340	26798943	658.523	686.985
18)	L4 AR-1242-3	5.711	4.884	41979303	14647254	653.642	702.710
19)	L4 AR-1242-4	5.811	4.968	33472338	14268073	657.502	675.353
20)	L4 AR-1242-5	6.552	5.491	4865007	11655555	91.631	445.891 #
21)	L5 AR-1248-1	5.626	4.689	47796597	19566863	832.580	843.174
22)	L5 AR-1248-2	5.901	4.926	30576809	11489410	366.752	365.552
23)	L5 AR-1248-3	6.107	4.968	34353652	14268073	383.444	439.584
24)	L5 AR-1248-4	6.512	5.139	4747313	14903255	48.262	386.300 #
25)	L5 AR-1248-5	6.552	5.532	4865007	1788744	50.611	49.072
26)	L6 AR-1254-1	6.487	5.491	26307570	11655555	262.451	210.848
27)	L6 AR-1254-2	6.706	5.639	28203776	10803648	184.818	220.837
28)	L6 AR-1254-3	7.075	6.058	14601867	18633020	95.869	245.550 #
29)	L6 AR-1254-4	7.361	6.270	9334002	1872197	84.797	41.238 #
30)	L6 AR-1254-5	7.782	6.688	83466355	34833843	695.379	544.877
31)	L7 AR-1260-1	7.240	6.173	61278605	26027906	546.627	461.037
32)	L7 AR-1260-2	7.498	6.361	70128435	30223168	514.606	446.718
33)	L7 AR-1260-3	7.859	6.513	45198782	28111393	482.542	445.019
34)	L7 AR-1260-4	8.086	6.986	53581725	19765950	512.212	425.033
35)	L7 AR-1260-5	8.415	7.227	100.4E6	44529493	509.159	413.097
36)	L8 AR-1262-1	7.859	6.780	45198782	10793401	315.809	411.199 #
37)	L8 AR-1262-2	8.415	7.227	100.4E6	44529493	399.579	419.500
38)	L8 AR-1262-3	8.751	7.512	66258192	8196480	366.328	199.828 #
39)	L8 AR-1262-4	8.829	7.574	14721290	31032742	170.368	414.819 #
40)	L8 AR-1262-5	9.511	8.069	25951667	9197972	270.895	274.209
41)	L9 AR-1268-1	8.751	7.512	66258192	8196480	225.868	71.202 #

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 Operator : YP/AJ
 Sample : N3488-13MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

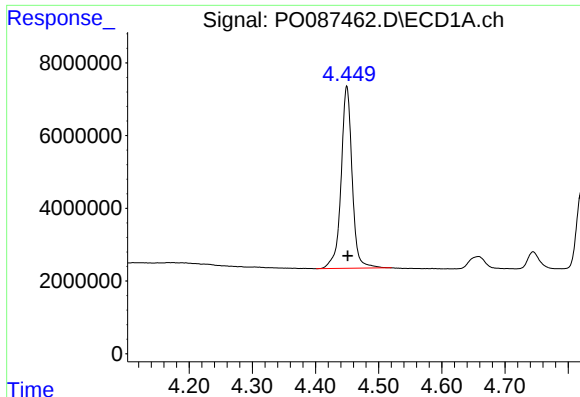
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 05:59:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.829	7.574	14721290	31032742	54.709	302.289 #
43) L9	AR-1268-3	9.070	7.783	2433976	1595480	10.413	18.848 #
44) L9	AR-1268-4	9.511	8.069	25951667	9197972	253.857	259.284
45) L9	AR-1268-5	9.945	8.361	10064786	3033807	13.330	12.114

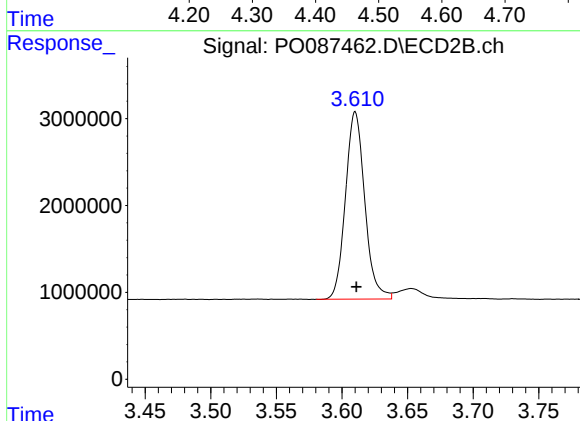
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

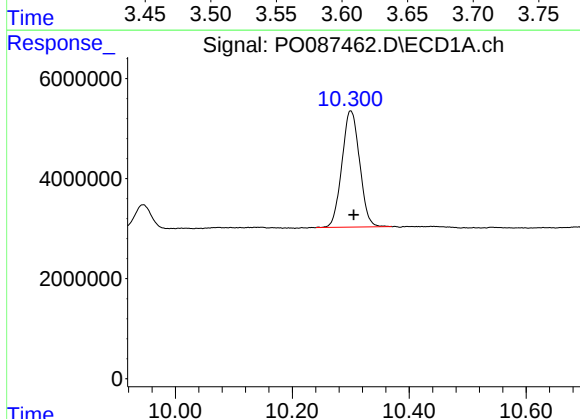
R.T.: 4.450 min
Delta R.T.: -0.001 min
Response: 60877621
Conc: 23.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



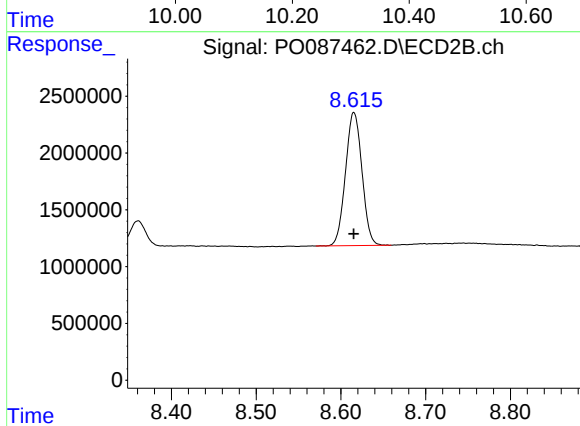
#1 Tetrachloro-m-xylene

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 22119833
Conc: 22.48 ng/ml



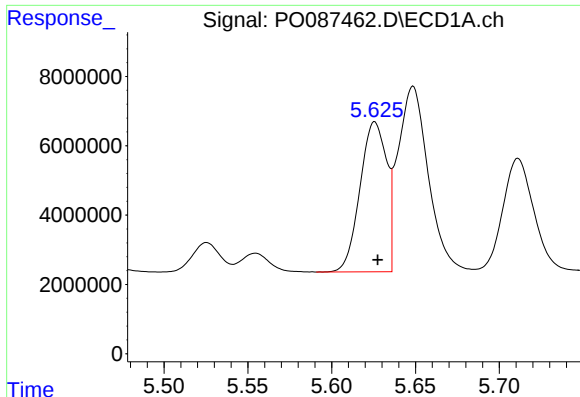
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: -0.006 min
Response: 48867473
Conc: 23.92 ng/ml



#2 Decachlorobiphenyl

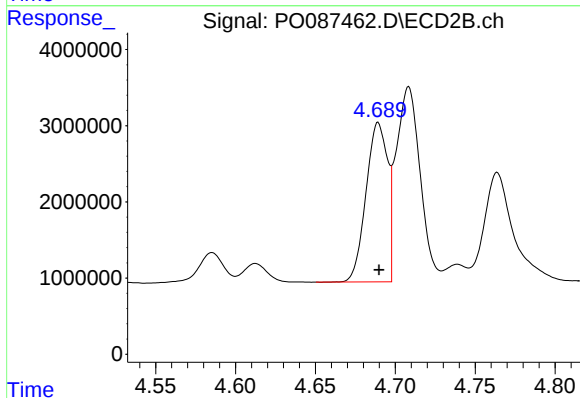
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 15843852
Conc: 19.54 ng/ml



#3 AR-1016-1

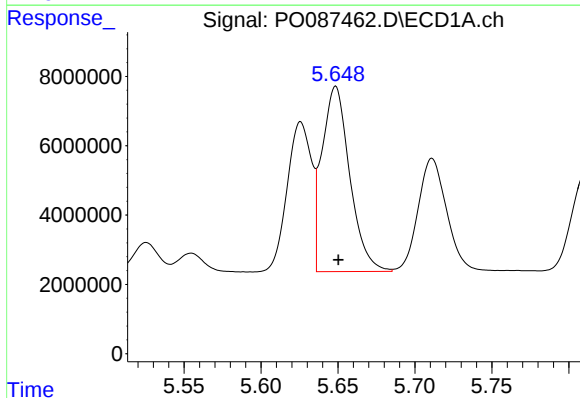
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 47796597
Conc: 532.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



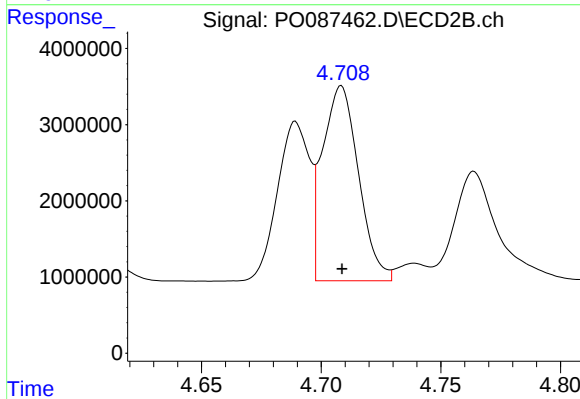
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 19566863
Conc: 489.29 ng/ml



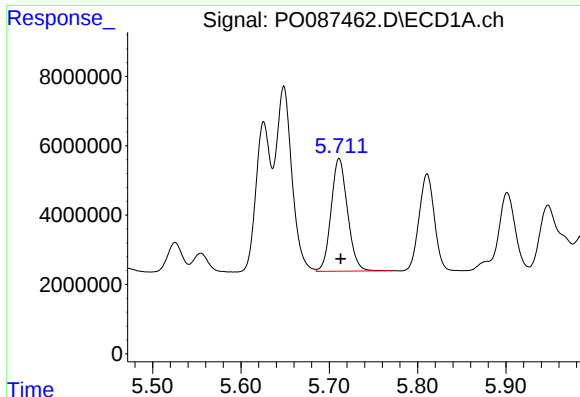
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 67237340
Conc: 534.99 ng/ml



#4 AR-1016-2

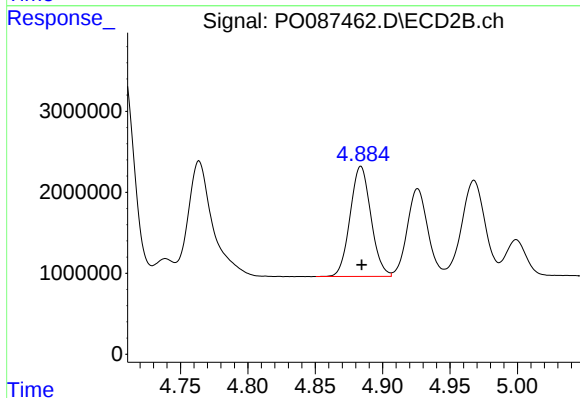
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 26798943
Conc: 480.69 ng/ml



#5 AR-1016-3

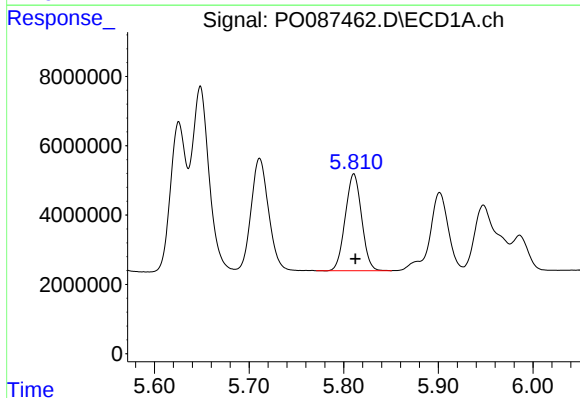
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 41979303
Conc: 539.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



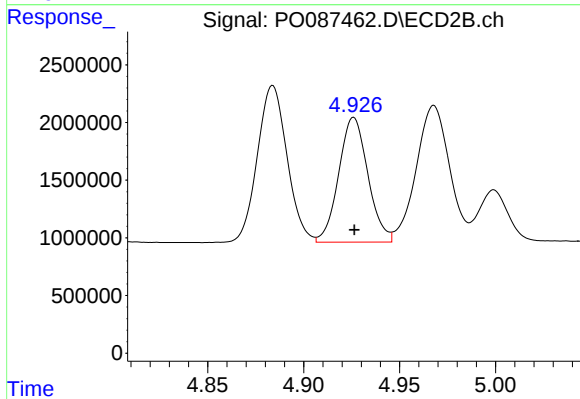
#5 AR-1016-3

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 14647254
Conc: 497.52 ng/ml



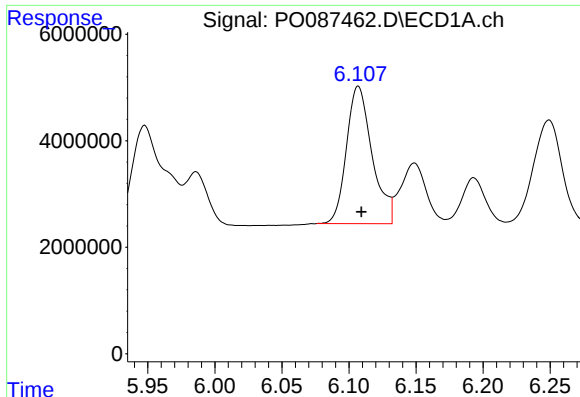
#6 AR-1016-4

R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 33472338
Conc: 547.61 ng/ml



#6 AR-1016-4

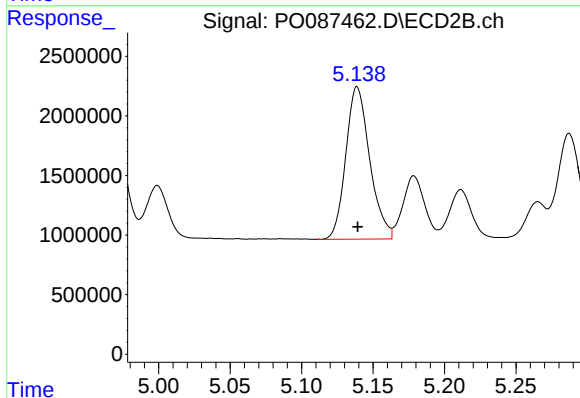
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 11489410
Conc: 478.11 ng/ml



#7 AR-1016-5

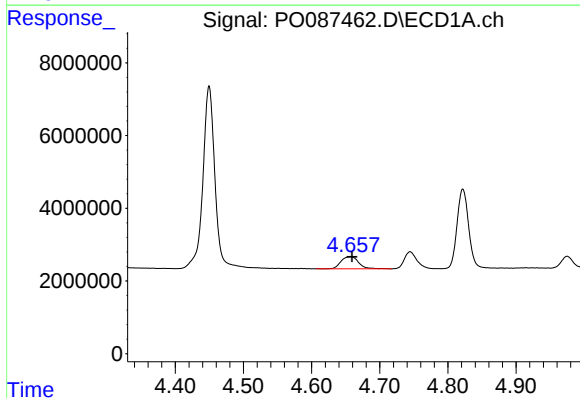
R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 34353652
Conc: 573.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



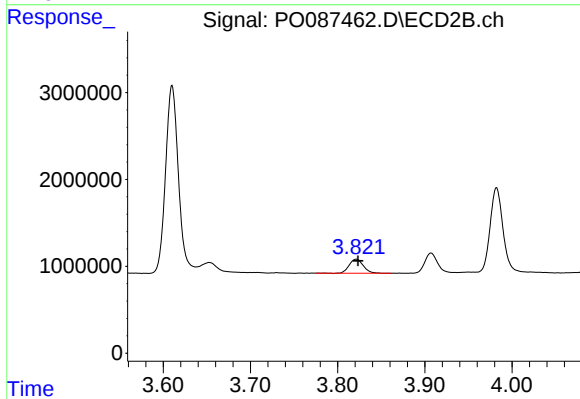
#7 AR-1016-5

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 14903255
Conc: 487.23 ng/ml



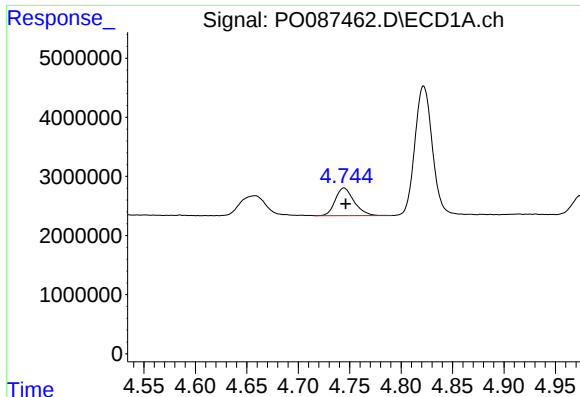
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: -0.001 min
Response: 5959737
Conc: 193.74 ng/ml



#8 AR-1221-1

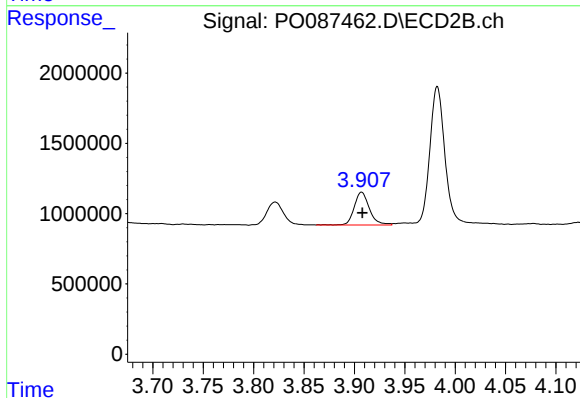
R.T.: 3.821 min
Delta R.T.: -0.002 min
Response: 1821890
Conc: 155.14 ng/ml



#9 AR-1221-2

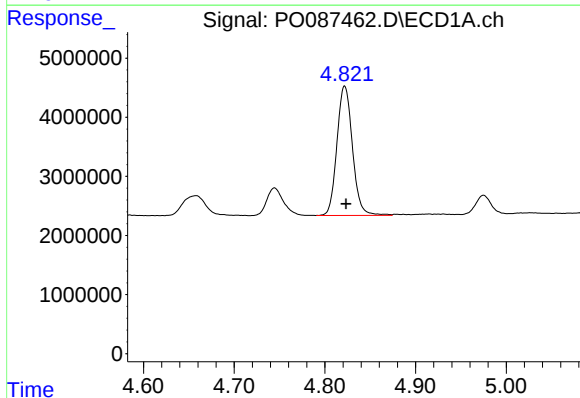
R.T.: 4.745 min
Delta R.T.: -0.002 min
Response: 5954322
Conc: 262.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



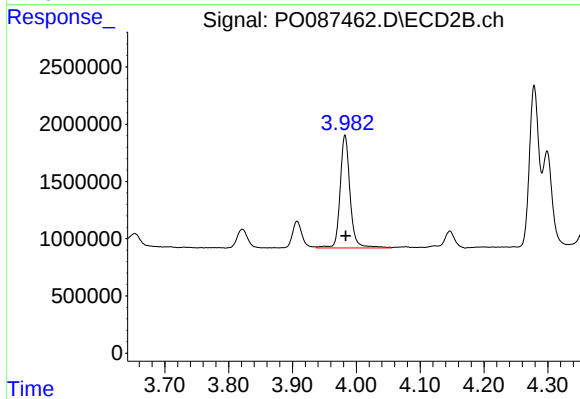
#9 AR-1221-2

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 2436347
Conc: 274.03 ng/ml



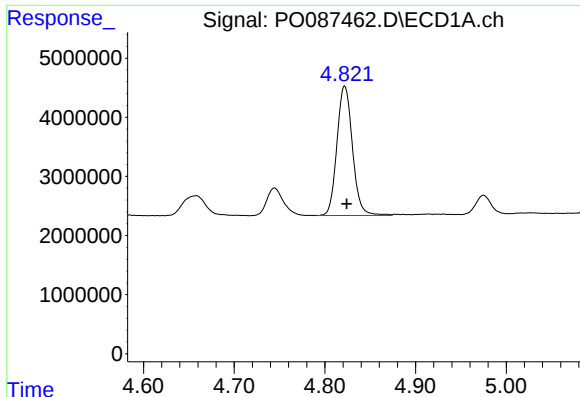
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 26032822
Conc: 372.22 ng/ml



#10 AR-1221-3

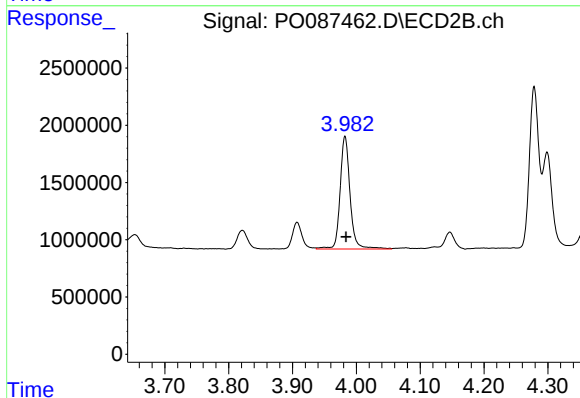
R.T.: 3.982 min
Delta R.T.: -0.001 min
Response: 10683686
Conc: 381.91 ng/ml



#11 AR-1232-1

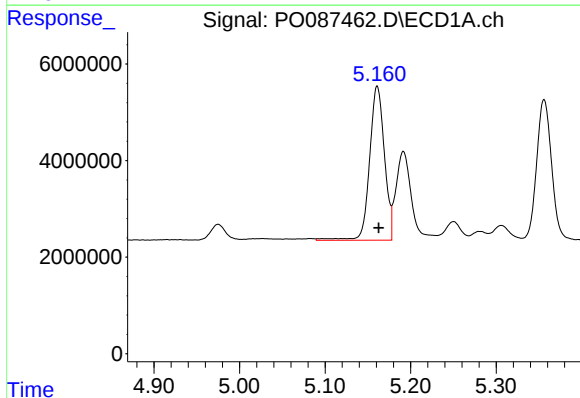
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 26032822
Conc: 397.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



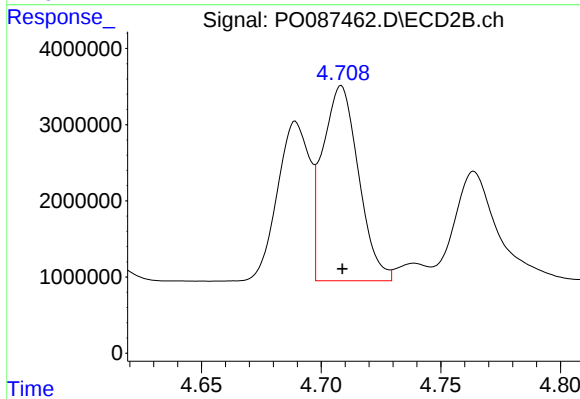
#11 AR-1232-1

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 10683686
Conc: 411.56 ng/ml



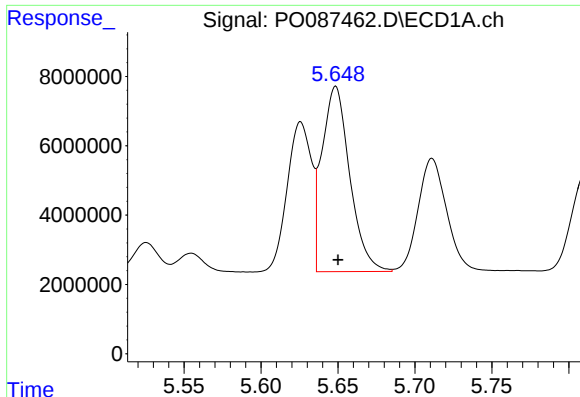
#12 AR-1232-2

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 38492753
Conc: 1192.07 ng/ml



#12 AR-1232-2

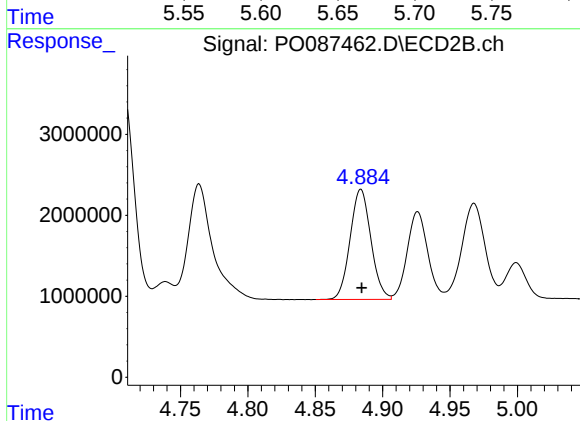
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 26798943
Conc: 1099.03 ng/ml



#13 AR-1232-3

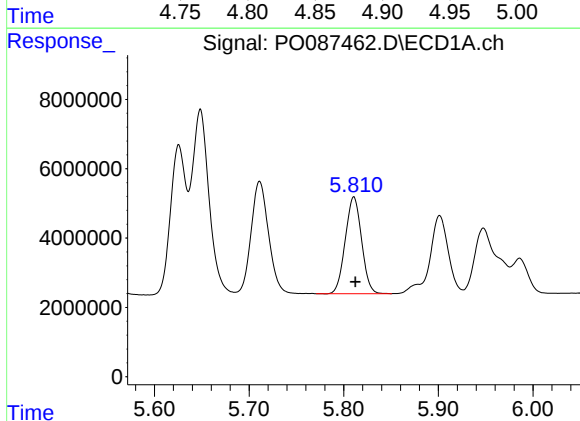
R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 67237340
Conc: 1114.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



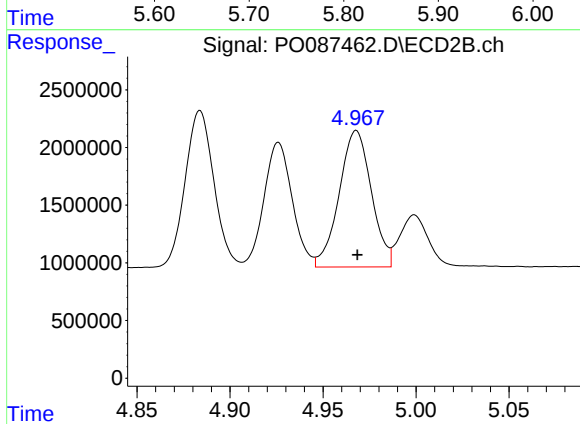
#13 AR-1232-3

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 14647254
Conc: 1179.41 ng/ml



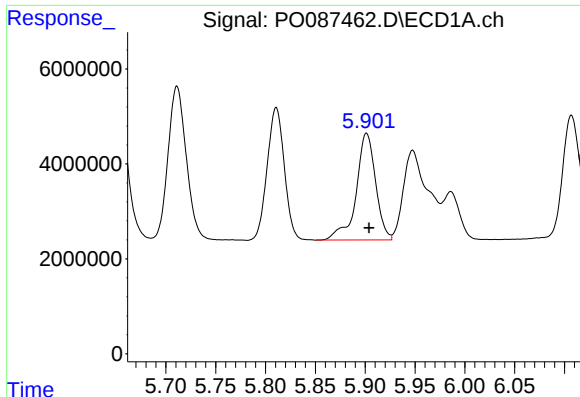
#14 AR-1232-4

R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 33472338
Conc: 1143.20 ng/ml



#14 AR-1232-4

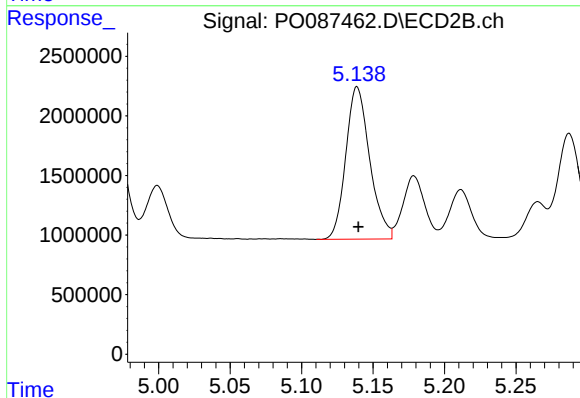
R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 14268073
Conc: 1258.40 ng/ml



#15 AR-1232-5

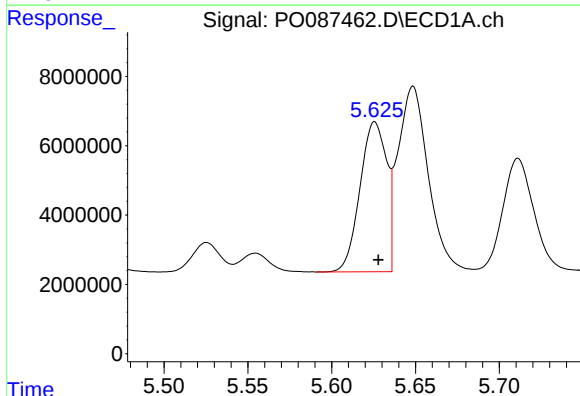
R.T.: 5.901 min
Delta R.T.: -0.002 min
Response: 30576809
Conc: 1239.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



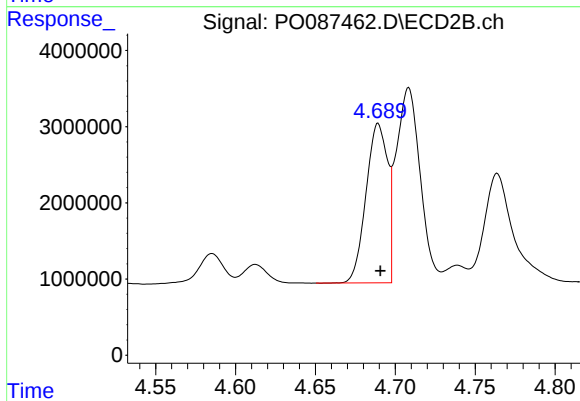
#15 AR-1232-5

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 14903255
Conc: 1187.62 ng/ml



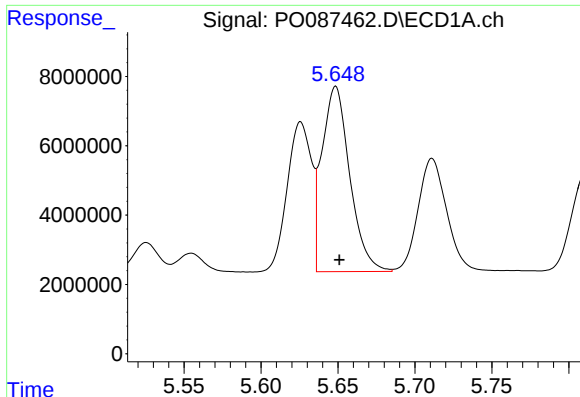
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 47796597
Conc: 659.14 ng/ml



#16 AR-1242-1

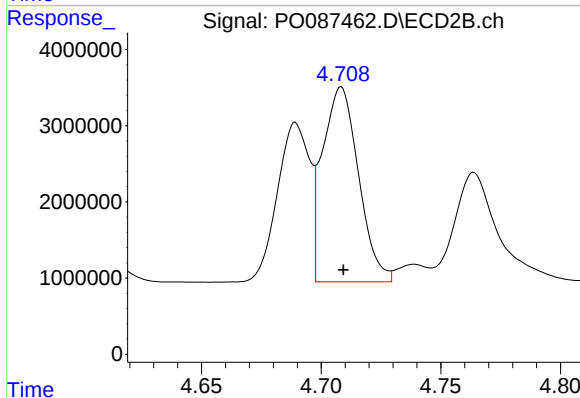
R.T.: 4.689 min
Delta R.T.: -0.001 min
Response: 19566863
Conc: 685.59 ng/ml



#17 AR-1242-2

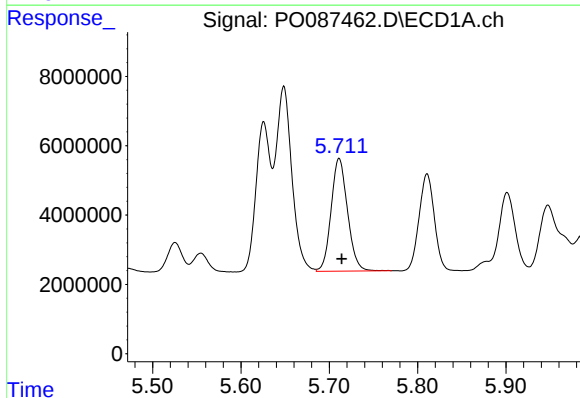
R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 67237340
Conc: 658.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



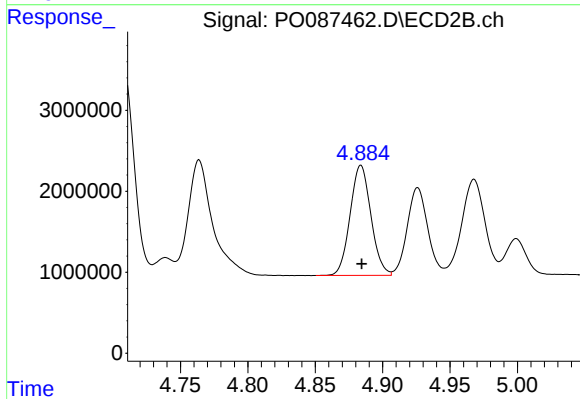
#17 AR-1242-2

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 26798943
Conc: 686.98 ng/ml



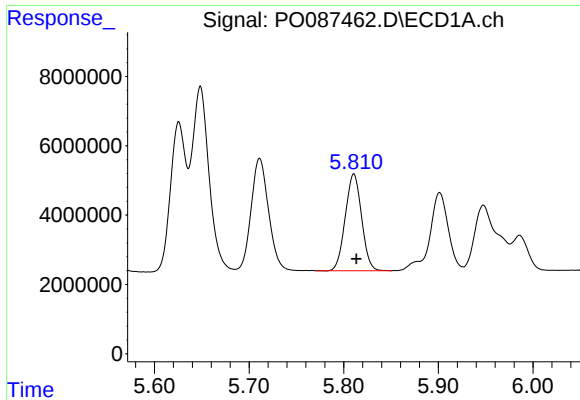
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 41979303
Conc: 653.64 ng/ml



#18 AR-1242-3

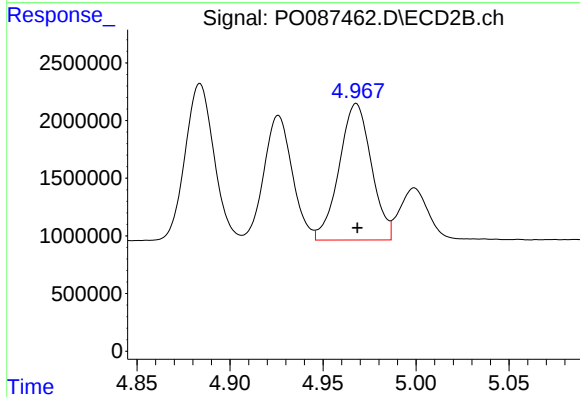
R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 14647254
Conc: 702.71 ng/ml



#19 AR-1242-4

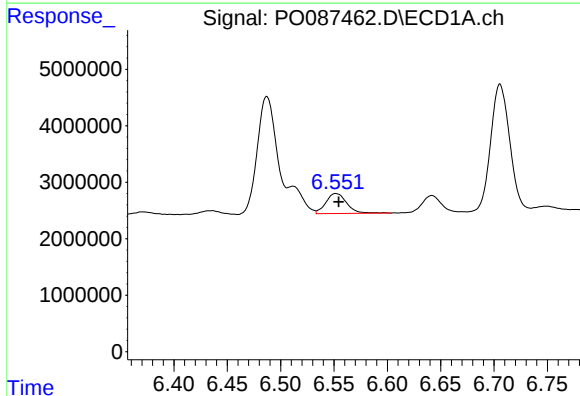
R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 33472338
Conc: 657.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



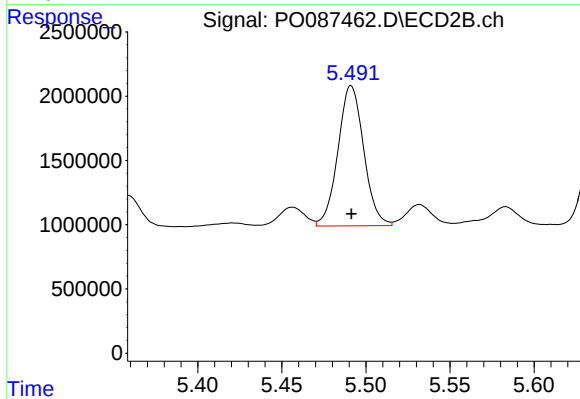
#19 AR-1242-4

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 14268073
Conc: 675.35 ng/ml



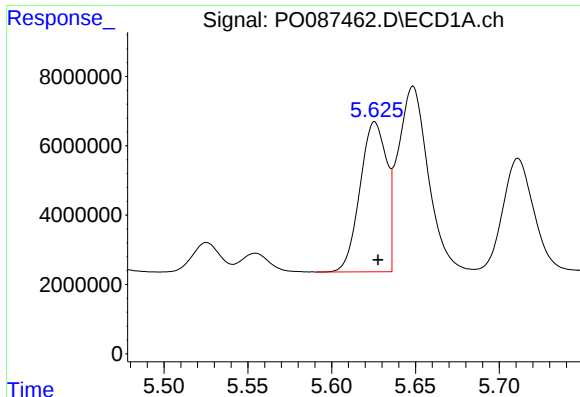
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 4865007
Conc: 91.63 ng/ml



#20 AR-1242-5

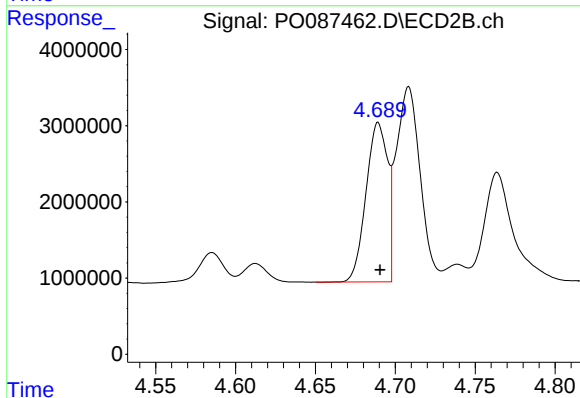
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 11655555
Conc: 445.89 ng/ml



#21 AR-1248-1

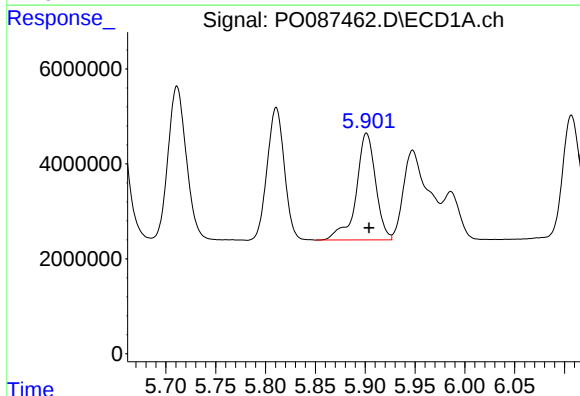
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 47796597
Conc: 832.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



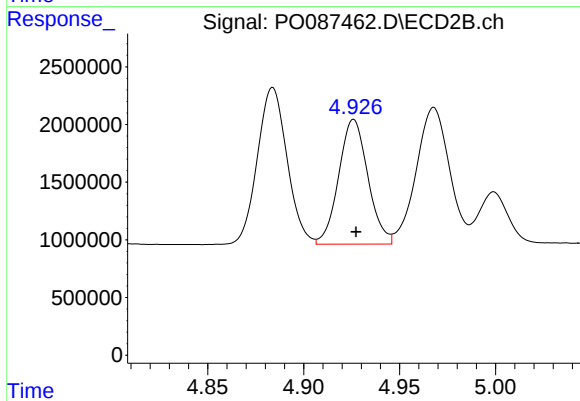
#21 AR-1248-1

R.T.: 4.689 min
Delta R.T.: -0.001 min
Response: 19566863
Conc: 843.17 ng/ml



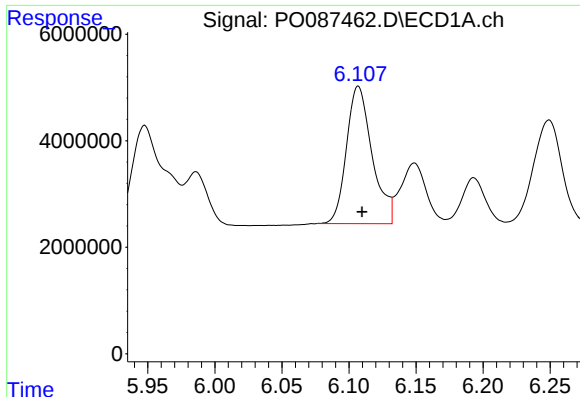
#22 AR-1248-2

R.T.: 5.901 min
Delta R.T.: -0.002 min
Response: 30576809
Conc: 366.75 ng/ml



#22 AR-1248-2

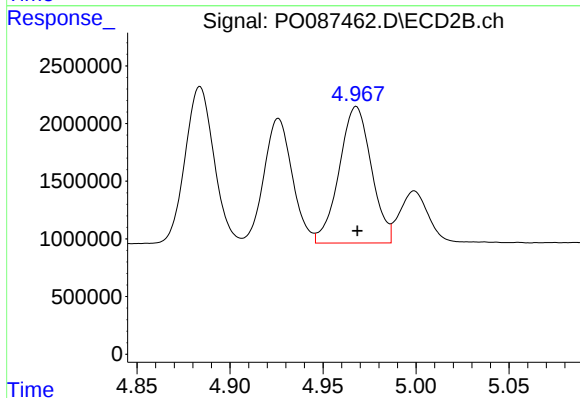
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 11489410
Conc: 365.55 ng/ml



#23 AR-1248-3

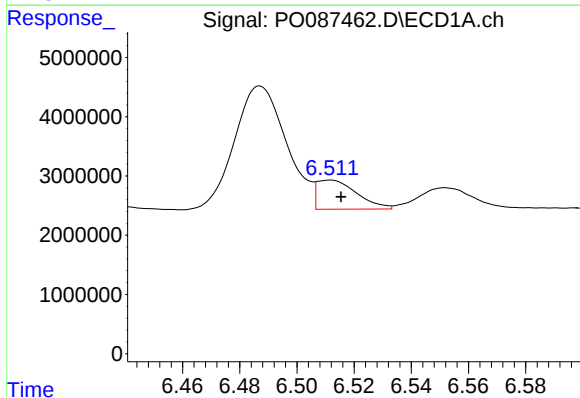
R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 34353652
Conc: 383.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



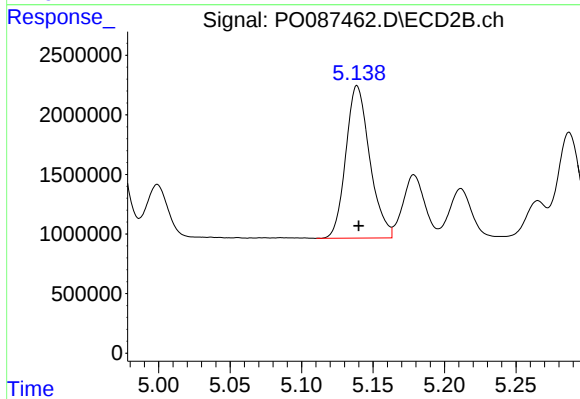
#23 AR-1248-3

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 14268073
Conc: 439.58 ng/ml



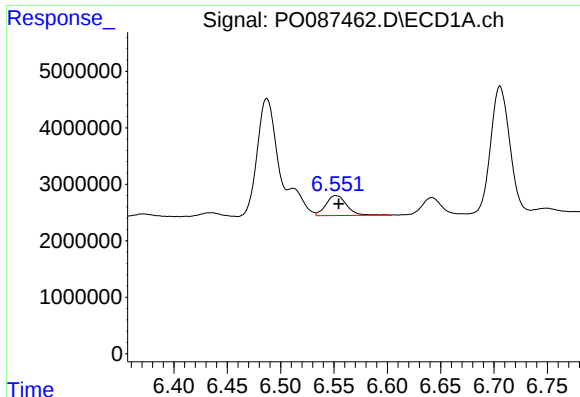
#24 AR-1248-4

R.T.: 6.512 min
Delta R.T.: -0.004 min
Response: 4747313
Conc: 48.26 ng/ml



#24 AR-1248-4

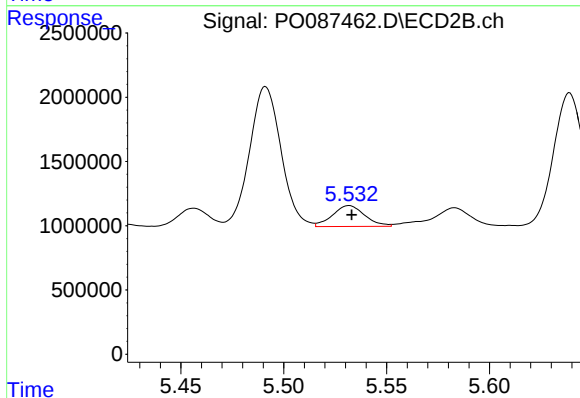
R.T.: 5.139 min
Delta R.T.: -0.001 min
Response: 14903255
Conc: 386.30 ng/ml



#25 AR-1248-5

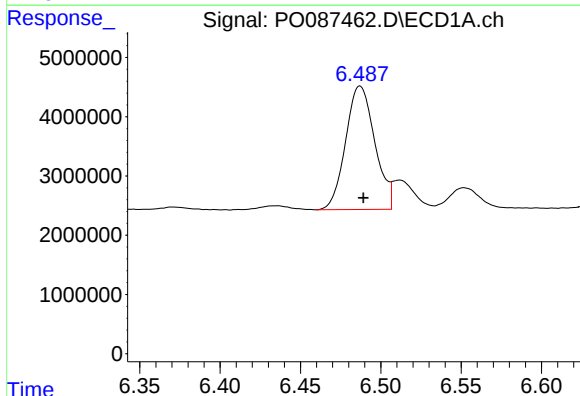
R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 4865007
Conc: 50.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



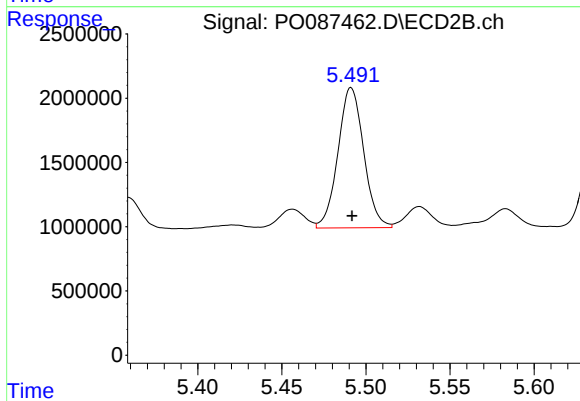
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 1788744
Conc: 49.07 ng/ml



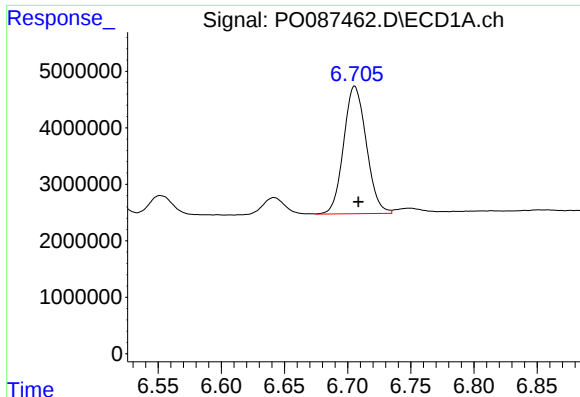
#26 AR-1254-1

R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 26307570
Conc: 262.45 ng/ml



#26 AR-1254-1

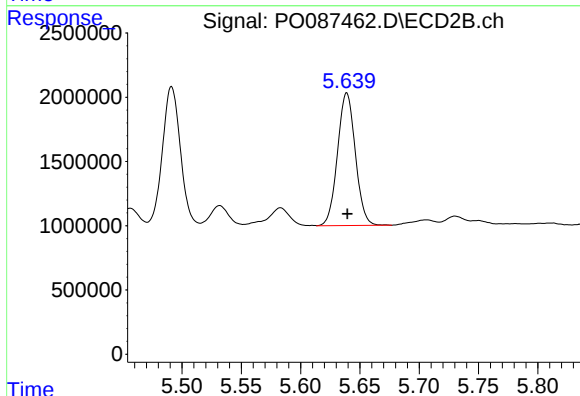
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 11655555
Conc: 210.85 ng/ml



#27 AR-1254-2

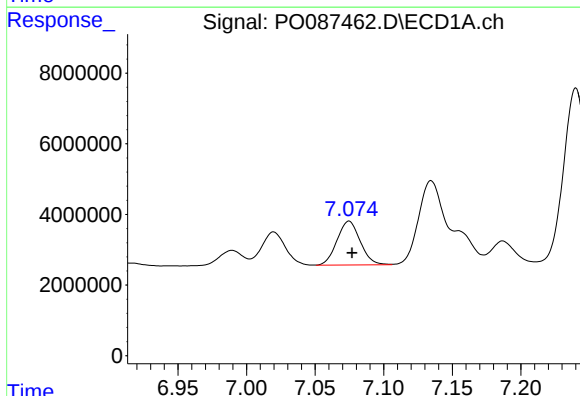
R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 28203776
Conc: 184.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



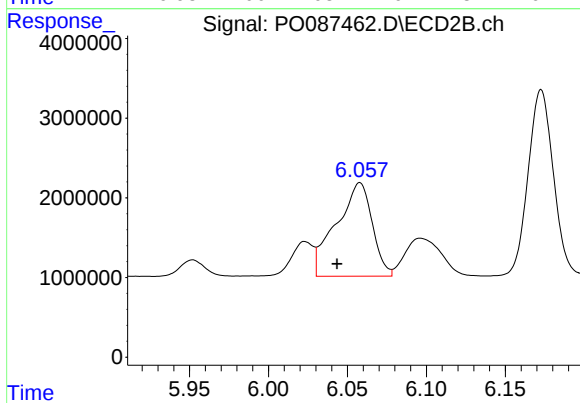
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 10803648
Conc: 220.84 ng/ml



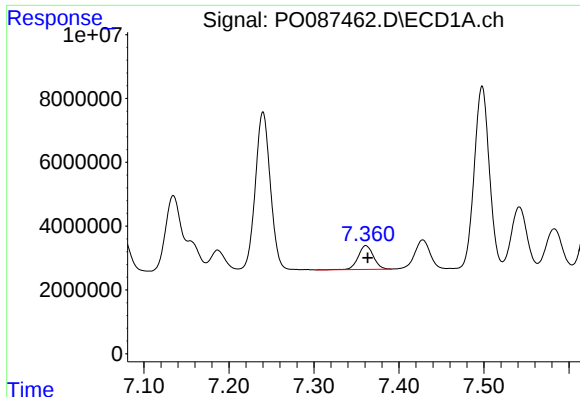
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: -0.002 min
Response: 14601867
Conc: 95.87 ng/ml



#28 AR-1254-3

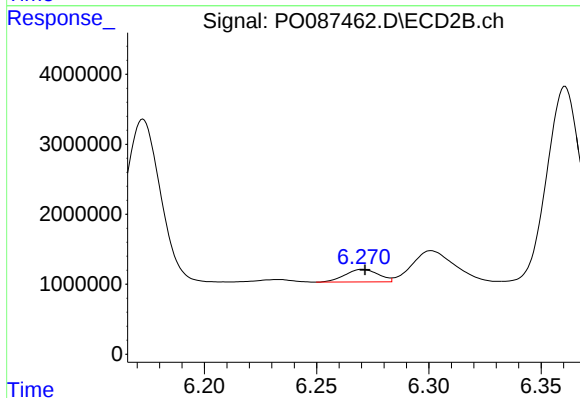
R.T.: 6.058 min
Delta R.T.: 0.015 min
Response: 18633020
Conc: 245.55 ng/ml



#29 AR-1254-4

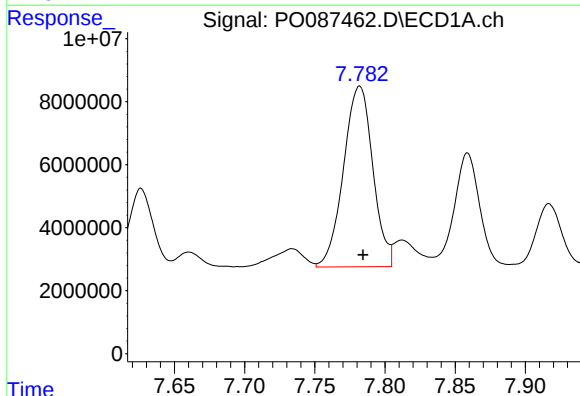
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 9334002
Conc: 84.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



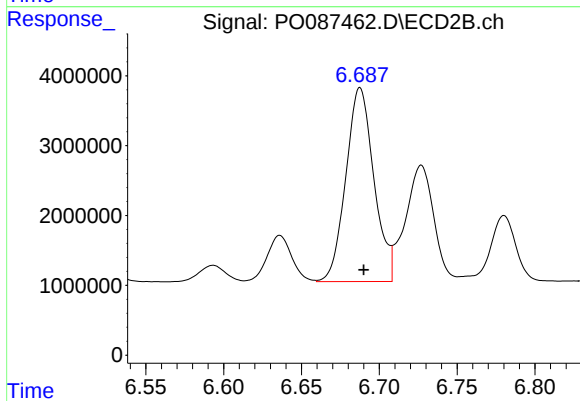
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: -0.001 min
Response: 1872197
Conc: 41.24 ng/ml



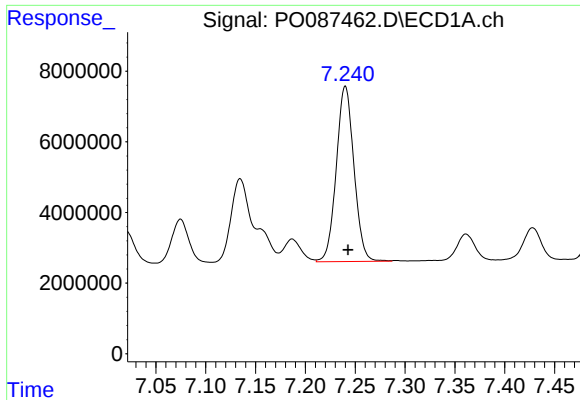
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: -0.002 min
Response: 83466355
Conc: 695.38 ng/ml



#30 AR-1254-5

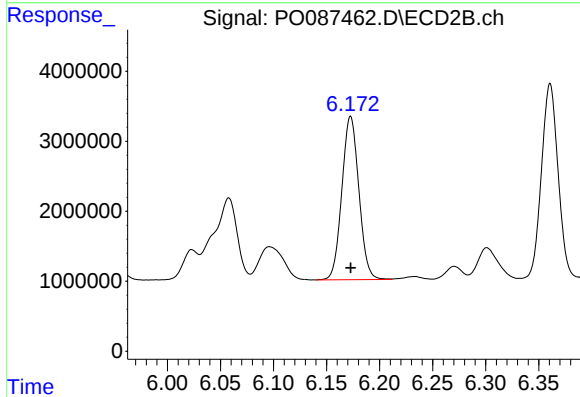
R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 34833843
Conc: 544.88 ng/ml



#31 AR-1260-1

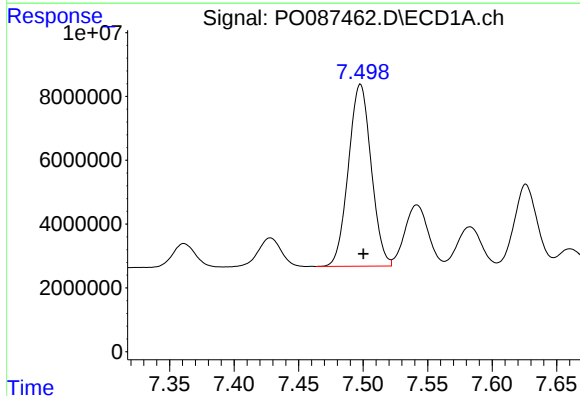
R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 61278605
Conc: 546.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



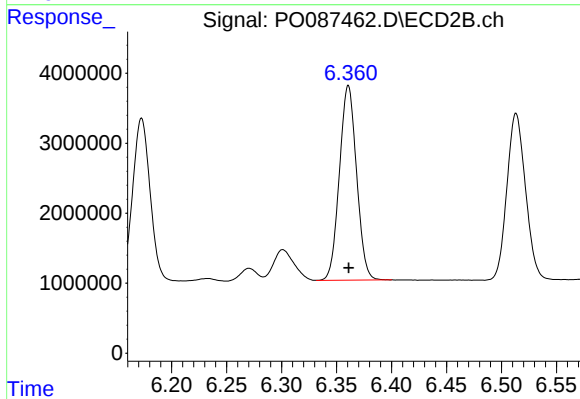
#31 AR-1260-1

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 26027906
Conc: 461.04 ng/ml



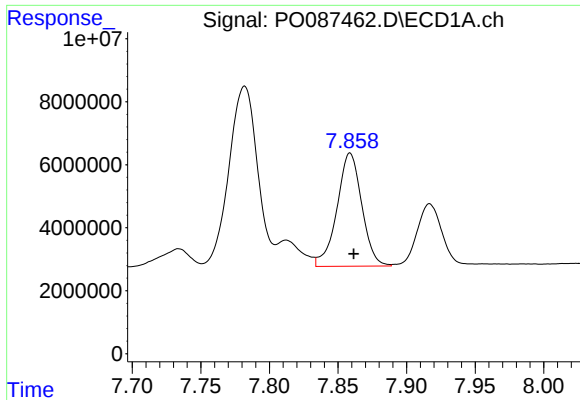
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 70128435
Conc: 514.61 ng/ml



#32 AR-1260-2

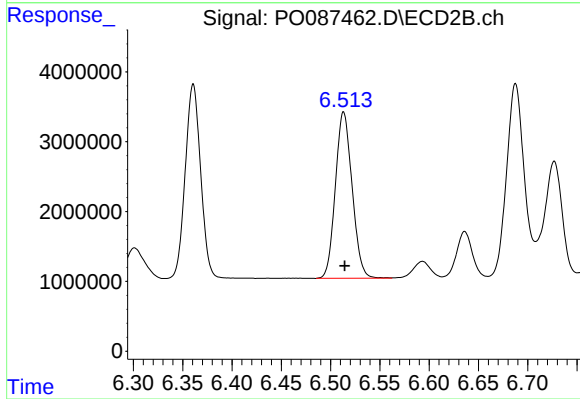
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 30223168
Conc: 446.72 ng/ml



#33 AR-1260-3

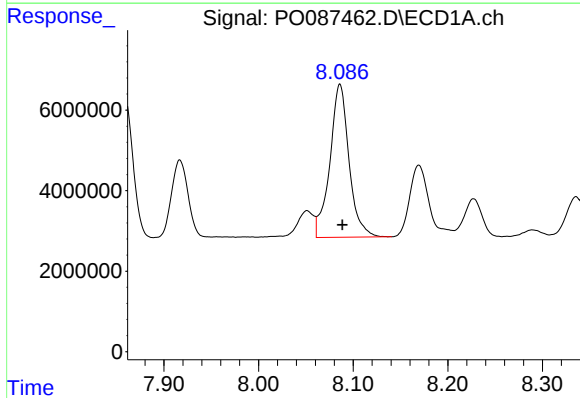
R.T.: 7.859 min
Delta R.T.: -0.003 min
Response: 45198782
Conc: 482.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



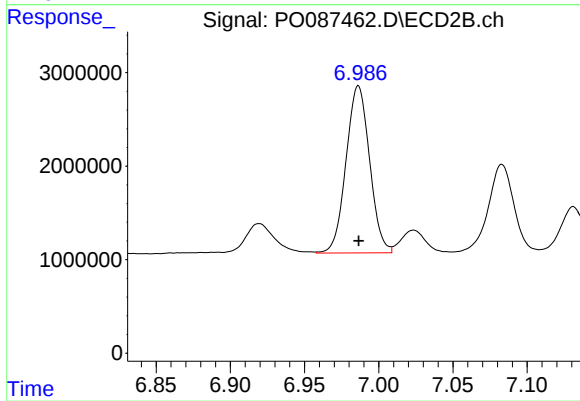
#33 AR-1260-3

R.T.: 6.513 min
Delta R.T.: -0.001 min
Response: 28111393
Conc: 445.02 ng/ml



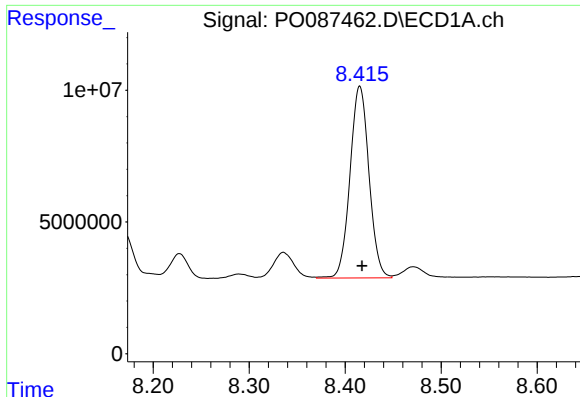
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 53581725
Conc: 512.21 ng/ml



#34 AR-1260-4

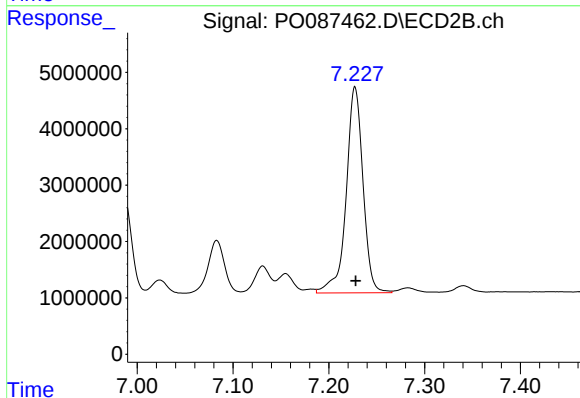
R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 19765950
Conc: 425.03 ng/ml



#35 AR-1260-5

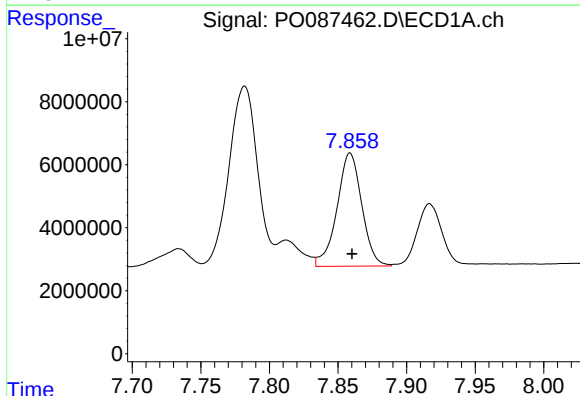
R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 100439110
Conc: 509.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



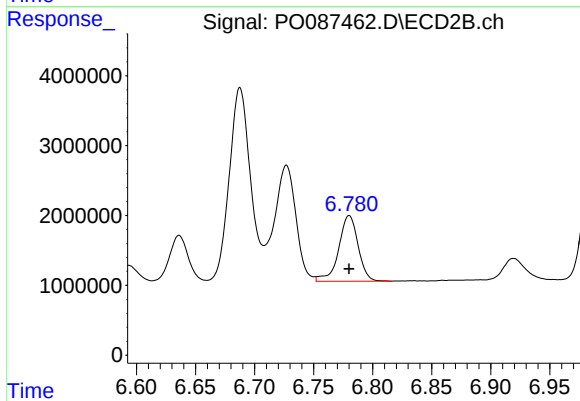
#35 AR-1260-5

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 44529493
Conc: 413.10 ng/ml



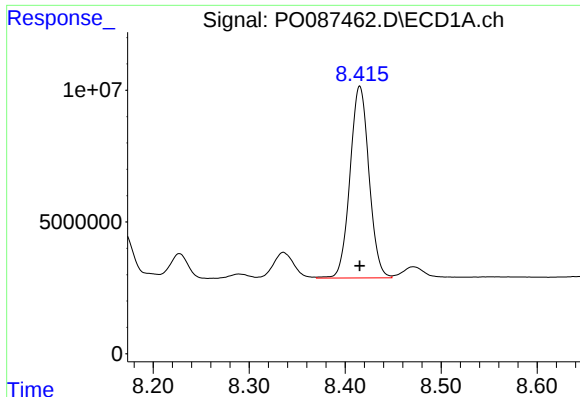
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.002 min
Response: 45198782
Conc: 315.81 ng/ml



#36 AR-1262-1

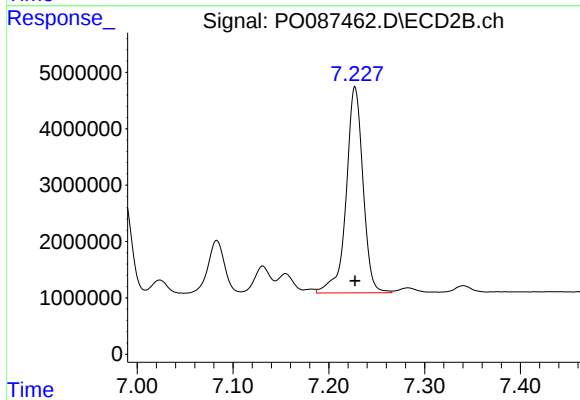
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 10793401
Conc: 411.20 ng/ml



#37 AR-1262-2

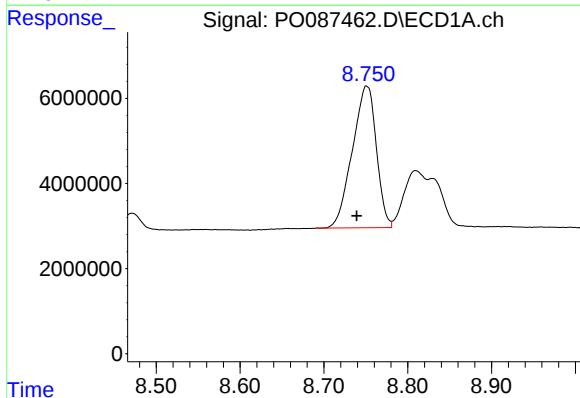
R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 100439110
Conc: 399.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



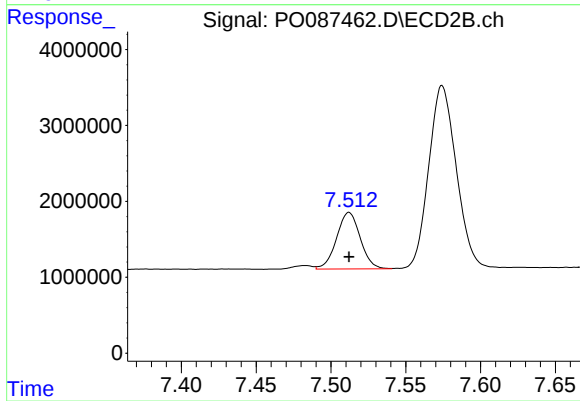
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 44529493
Conc: 419.50 ng/ml



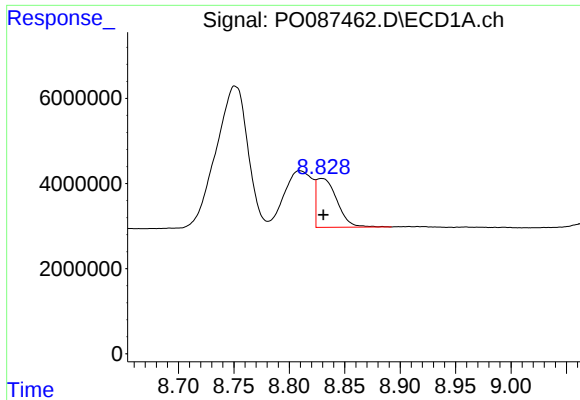
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: 0.012 min
Response: 66258192
Conc: 366.33 ng/ml



#38 AR-1262-3

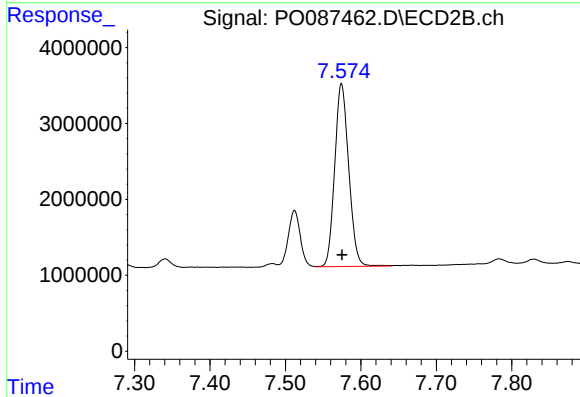
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 8196480
Conc: 199.83 ng/ml



#39 AR-1262-4

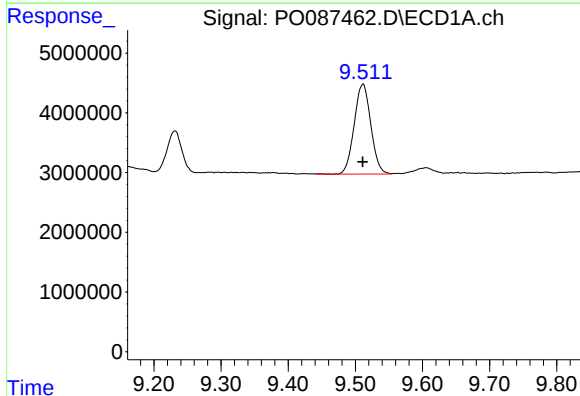
R.T.: 8.829 min
Delta R.T.: -0.002 min
Response: 14721290
Conc: 170.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



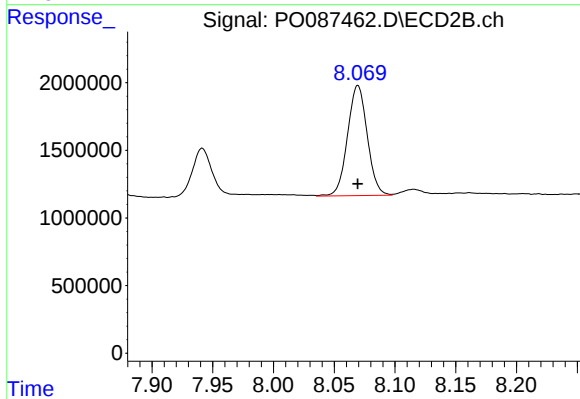
#39 AR-1262-4

R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 31032742
Conc: 414.82 ng/ml



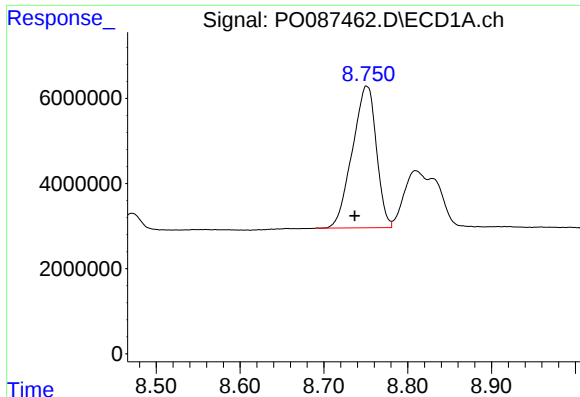
#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 25951667
Conc: 270.90 ng/ml



#40 AR-1262-5

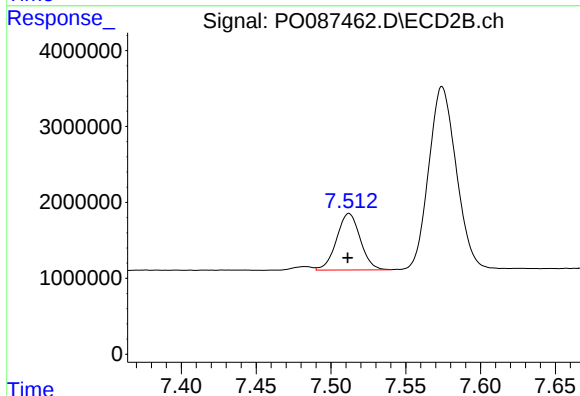
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 9197972
Conc: 274.21 ng/ml



#41 AR-1268-1

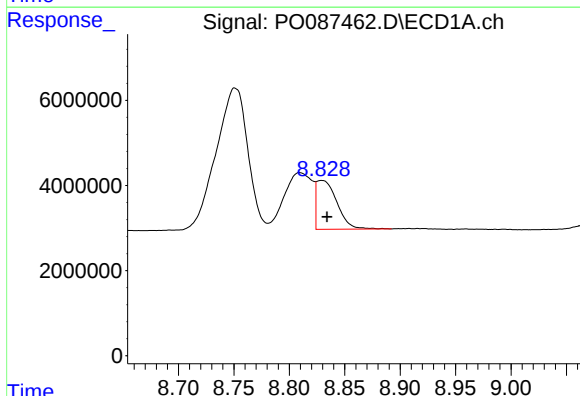
R.T.: 8.751 min
Delta R.T.: 0.014 min
Response: 66258192
Conc: 225.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



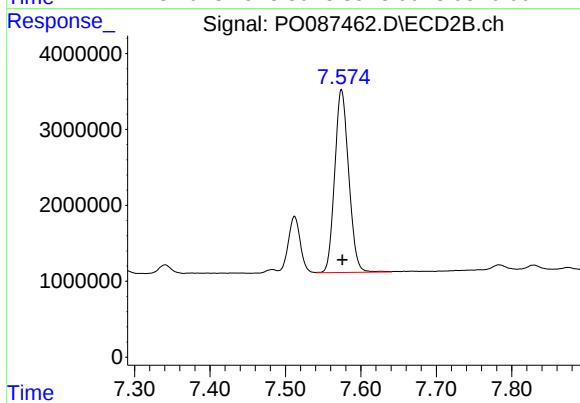
#41 AR-1268-1

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 8196480
Conc: 71.20 ng/ml



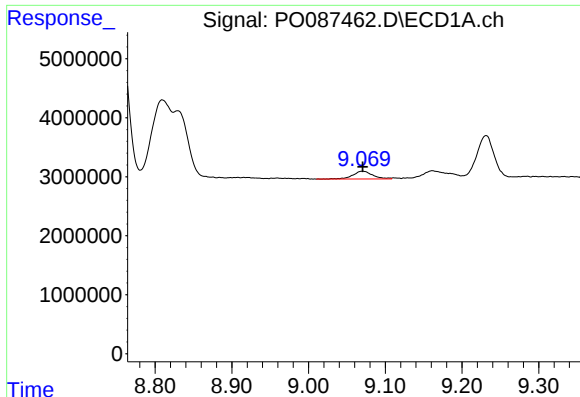
#42 AR-1268-2

R.T.: 8.829 min
Delta R.T.: -0.005 min
Response: 14721290
Conc: 54.71 ng/ml



#42 AR-1268-2

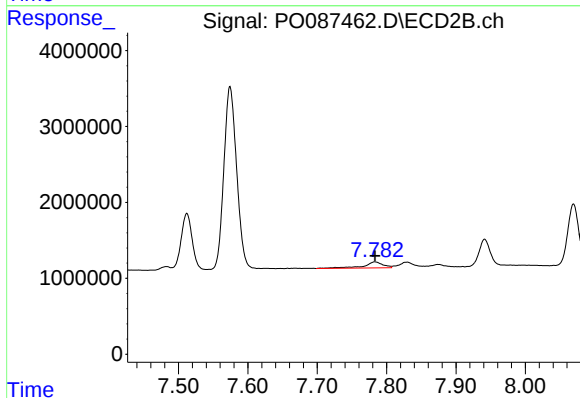
R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 31032742
Conc: 302.29 ng/ml



#43 AR-1268-3

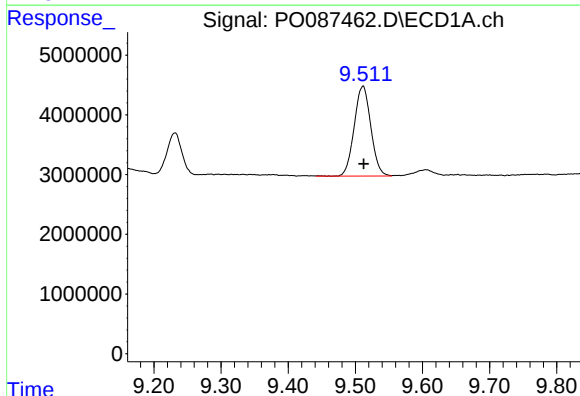
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 2433976
Conc: 10.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



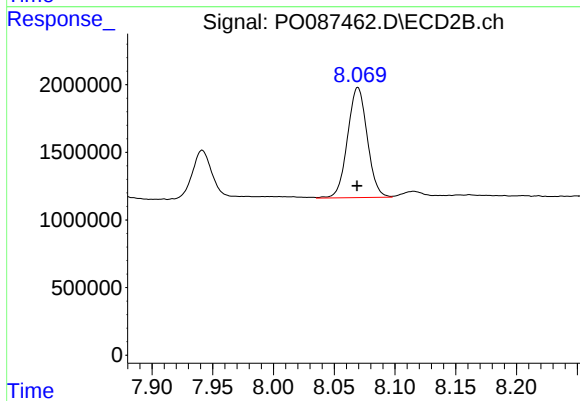
#43 AR-1268-3

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 1595480
Conc: 18.85 ng/ml



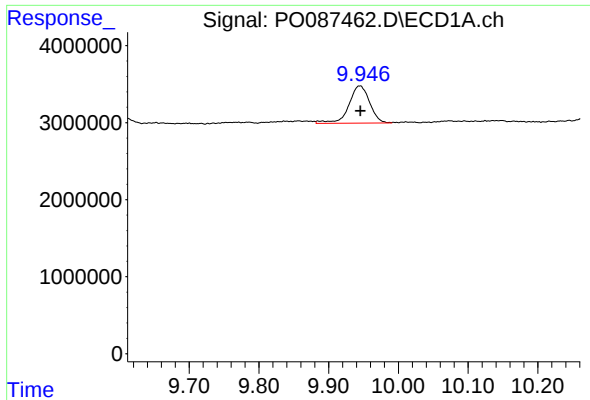
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: -0.001 min
Response: 25951667
Conc: 253.86 ng/ml



#44 AR-1268-4

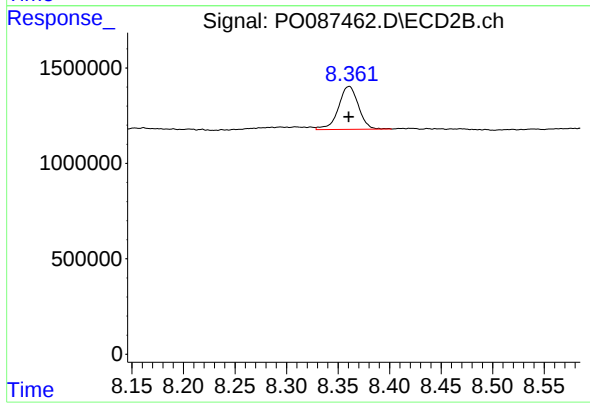
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 9197972
Conc: 259.28 ng/ml



#45 AR-1268-5

R.T.: 9.945 min
Delta R.T.: 0.000 min
Response: 10064786
Conc: 13.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 3033807
Conc: 12.11 ng/ml