

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110422\
 Data File : PO090161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2022 09:26
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:00:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 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...	4.303	3.483	179.6E6	55120358	55.867	51.864
2)	SA Decachlor...	10.046	8.487	131.7E6	50655083	53.763	49.183
Target Compounds							
3)	L1 AR-1016-1	5.478	4.568	57863678	19973100	543.997	517.078
4)	L1 AR-1016-2	5.500	4.587	84001766	27797213	551.435	519.641
5)	L1 AR-1016-3	5.563	4.762	51843622	15295181	548.678	526.823
6)	L1 AR-1016-4	5.661	4.806	41310328	12632792	550.891	508.916
7)	L1 AR-1016-5	5.959	5.019	41566565	16025557	538.560	521.679
8)	L2 AR-1221-1	4.508	3.696	6355149	2011087	166.493	150.530
9)	L2 AR-1221-2	4.601	3.781	8879076	2973340	312.332	292.973
10)	L2 AR-1221-3	4.676	3.858	33003731	11313861	385.423	363.694
11)	L3 AR-1232-1	4.676	3.858	33003731	11313861	504.000	475.560
12)	L3 AR-1232-2	5.209	4.587	45444578	27797213	1182.164	1159.995
13)	L3 AR-1232-3	5.500	4.762	84001766	15295181	1253.543	1204.453
14)	L3 AR-1232-4	5.661	4.848	41310328	15832120	1251.158	1298.512
15)	L3 AR-1232-5	5.754	5.019	35555400	16025557	1342.061	1200.253
16)	L4 AR-1242-1	5.478	4.568	57863678	19973100	699.335	670.875
17)	L4 AR-1242-2	5.500	4.587	84001766	27797213	711.267	683.399
18)	L4 AR-1242-3	5.563	4.762	51843622	15295181	696.479	691.702
19)	L4 AR-1242-4	5.661	4.848	41310328	15832120	709.076	667.637
20)	L4 AR-1242-5	6.404	5.372	6425801	13545440	104.537	473.534 #
21)	L5 AR-1248-1	5.478	4.568	57863678	19973100	914.880	879.790
22)	L5 AR-1248-2	5.754	4.806	35555400	12632792	375.450	388.559
23)	L5 AR-1248-3	5.959	4.848	41566565	15832120	421.650	469.684
24)	L5 AR-1248-4	6.364	5.019	6924305	16025557	64.944	414.384 #
25)	L5 AR-1248-5	6.404	5.413	6425801	2249993	61.171	62.140
26)	L6 AR-1254-1	6.339	5.372	31397941	13545440	270.912	229.952
27)	L6 AR-1254-2	6.558	5.521	33378542	12671650	191.904	236.498
28)	L6 AR-1254-3	6.926	5.941	17626071	22406733	101.530	270.343 #
29)	L6 AR-1254-4	7.213	6.155	11966739	2234650	93.881	44.995 #
30)	L6 AR-1254-5	7.634	6.575	98313121	41527746	697.952	554.624
31)	L7 AR-1260-1	7.092	6.057	74107909	30910760	528.642	513.457
32)	L7 AR-1260-2	7.351	6.247	84081582	36641758	519.728	507.205
33)	L7 AR-1260-3	7.713	6.399	54676542	33351178	520.454	500.515
34)	L7 AR-1260-4	7.938	6.874	64502711	25345632	522.113	498.202
35)	L7 AR-1260-5	8.254	7.118	121.7E6	57268439	534.855	493.049
36)	L8 AR-1262-1	7.713	6.614	54676542	26970810	329.835	355.944
37)	L8 AR-1262-2	8.254	7.118	121.7E6	57268439	433.193	446.603
38)	L8 AR-1262-3	8.573	7.402	80349085	12001655	409.209	220.382 #
39)	L8 AR-1262-4	8.650	7.465	18853327	41975081	193.757	432.196 #
40)	L8 AR-1262-5	9.300	7.962	32216584	14063895	305.742	296.329
41)	L9 AR-1268-1	8.573	7.402	80349085	12001655	230.465	76.176 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

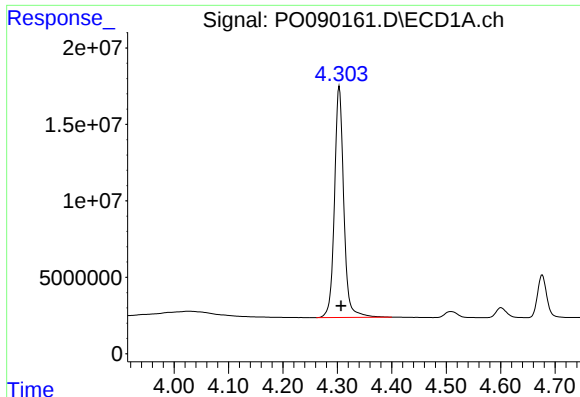
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:00:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.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	8.650	7.465	18853327	41975081	60.434	299.166 #
43) L9	AR-1268-3	8.878	7.675	2083424	945300	7.753	7.877
44) L9	AR-1268-4	9.300	7.962	32216584	14063895	276.488	258.957
45) L9	AR-1268-5	9.710	8.241	10281956	4589272	11.992	13.110

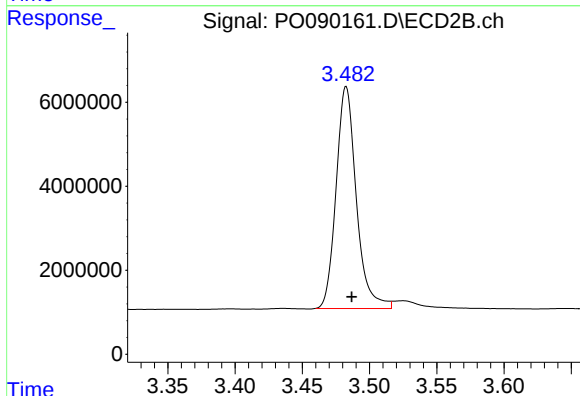
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

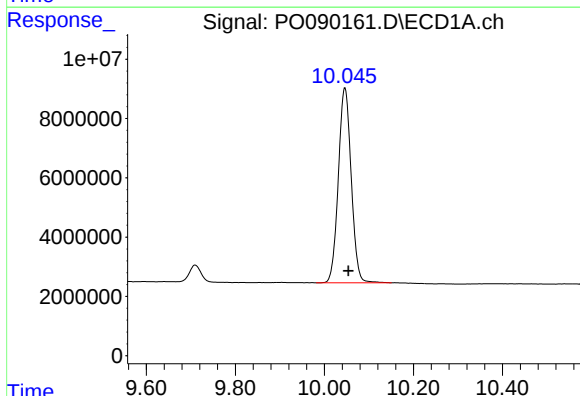
R.T.: 4.303 min
Delta R.T.: -0.004 min
Response: 179551882
Conc: 55.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



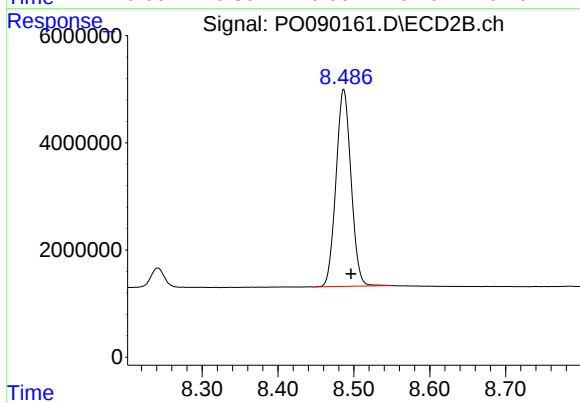
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: -0.004 min
Response: 55120358
Conc: 51.86 ng/ml



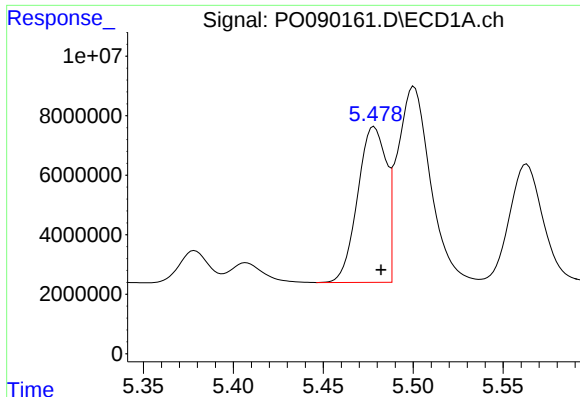
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 131749861
Conc: 53.76 ng/ml



#2 Decachlorobiphenyl

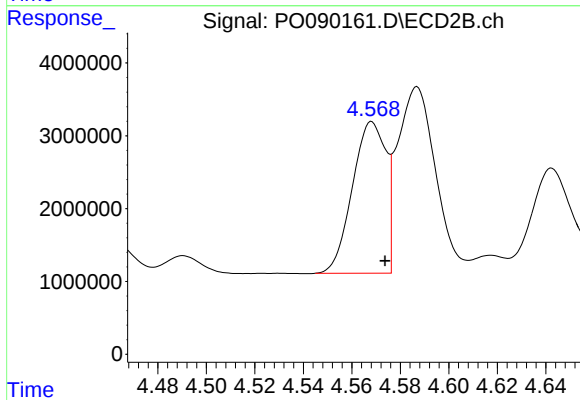
R.T.: 8.487 min
Delta R.T.: -0.010 min
Response: 50655083
Conc: 49.18 ng/ml



#3 AR-1016-1

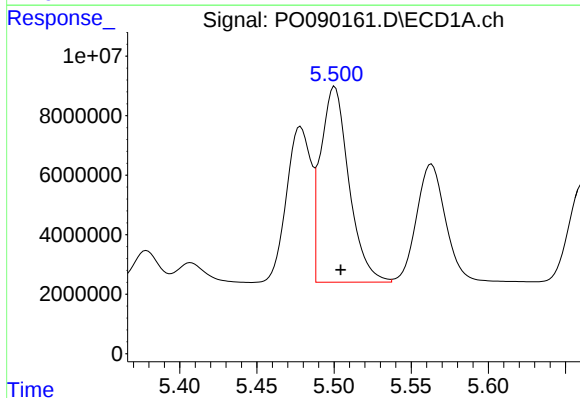
R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 57863678
Conc: 544.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



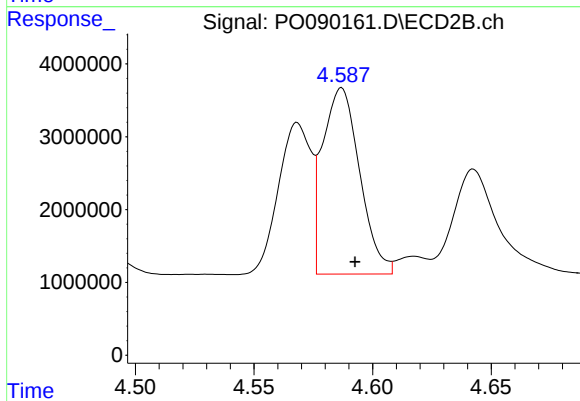
#3 AR-1016-1

R.T.: 4.568 min
Delta R.T.: -0.006 min
Response: 19973100
Conc: 517.08 ng/ml



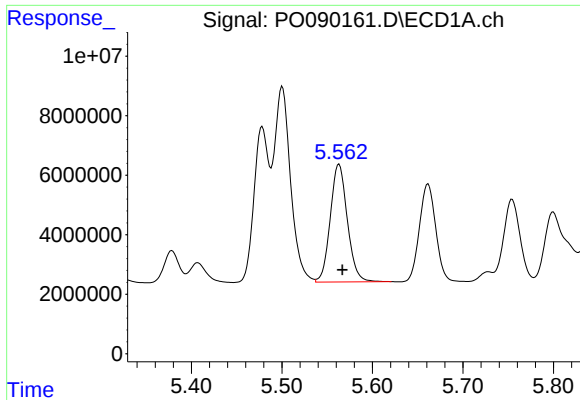
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 84001766
Conc: 551.43 ng/ml



#4 AR-1016-2

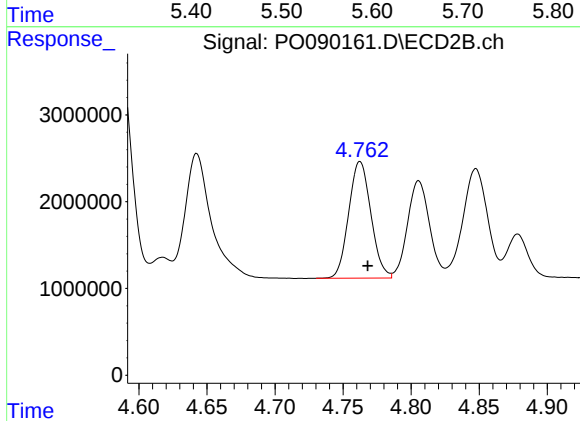
R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 27797213
Conc: 519.64 ng/ml



#5 AR-1016-3

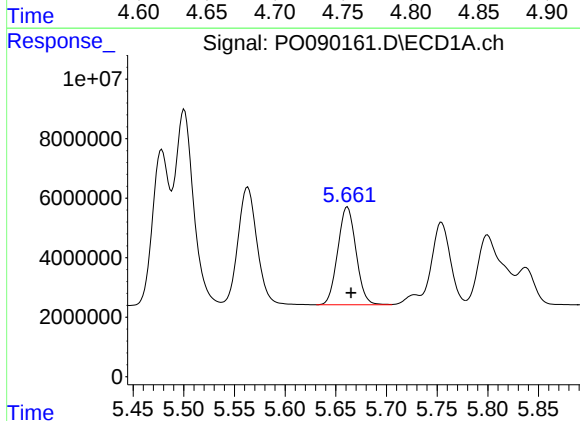
R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 51843622
Conc: 548.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



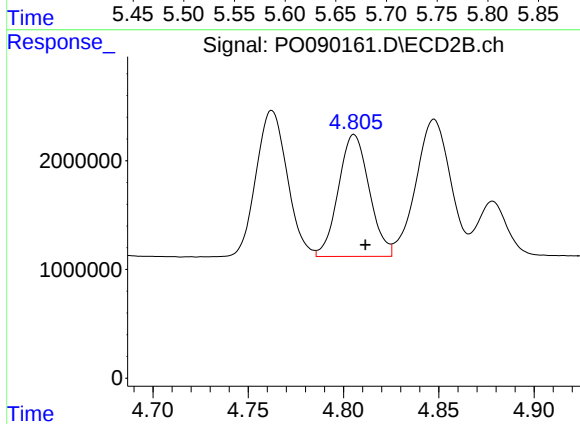
#5 AR-1016-3

R.T.: 4.762 min
Delta R.T.: -0.006 min
Response: 15295181
Conc: 526.82 ng/ml



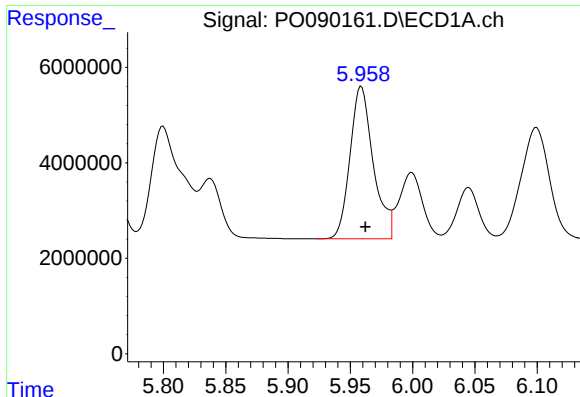
#6 AR-1016-4

R.T.: 5.661 min
Delta R.T.: -0.004 min
Response: 41310328
Conc: 550.89 ng/ml



#6 AR-1016-4

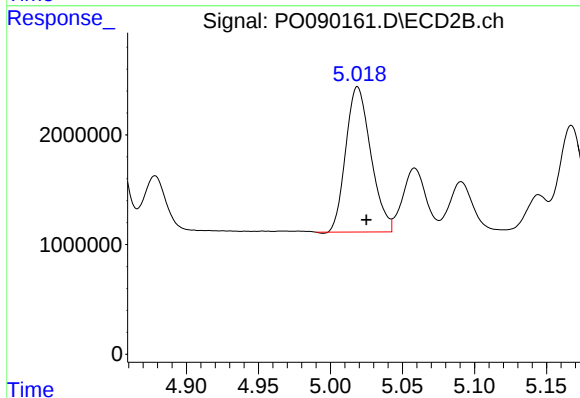
R.T.: 4.806 min
Delta R.T.: -0.006 min
Response: 12632792
Conc: 508.92 ng/ml



#7 AR-1016-5

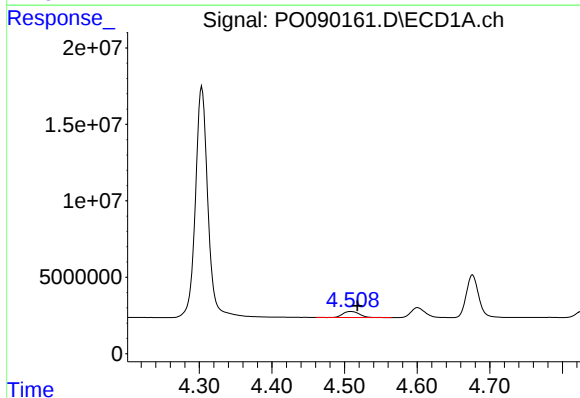
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 41566565
Conc: 538.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



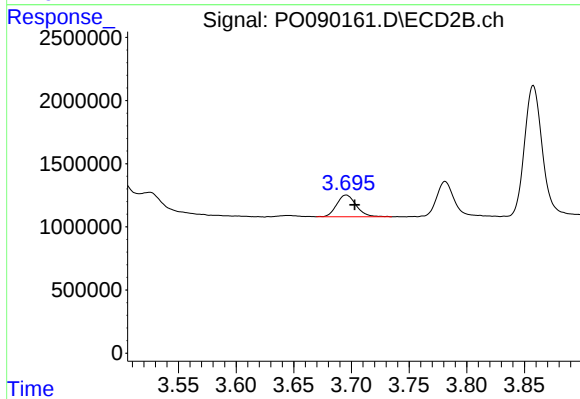
#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 16025557
Conc: 521.68 ng/ml



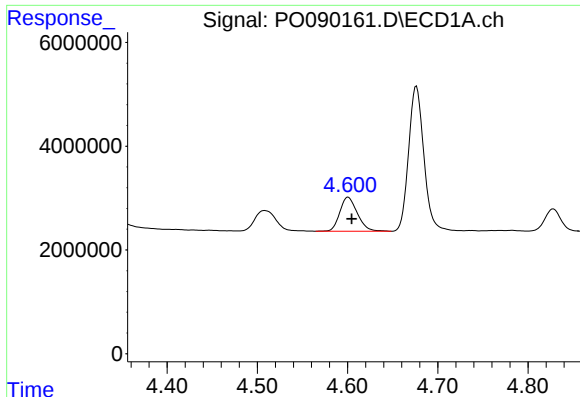
#8 AR-1221-1

R.T.: 4.508 min
Delta R.T.: -0.009 min
Response: 6355149
Conc: 166.49 ng/ml



#8 AR-1221-1

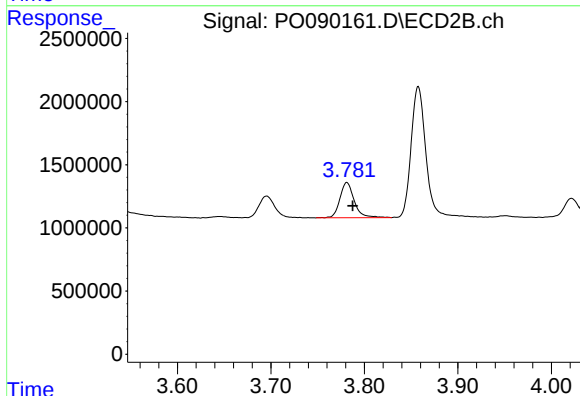
R.T.: 3.696 min
Delta R.T.: -0.007 min
Response: 2011087
Conc: 150.53 ng/ml



#9 AR-1221-2

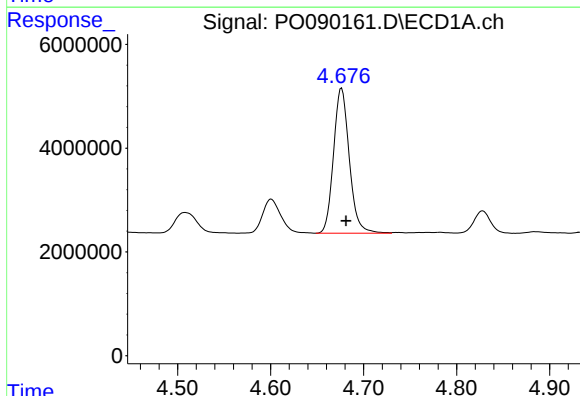
R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 8879076
Conc: 312.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



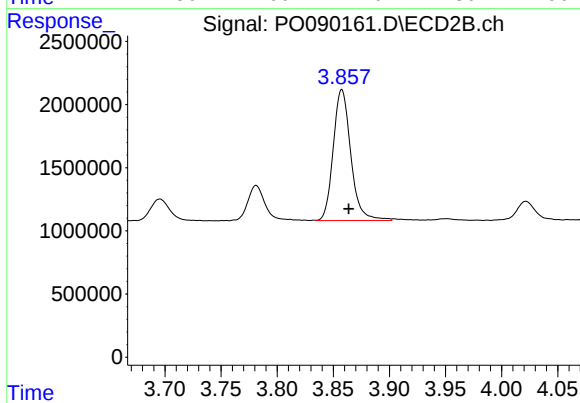
#9 AR-1221-2

R.T.: 3.781 min
Delta R.T.: -0.006 min
Response: 2973340
Conc: 292.97 ng/ml



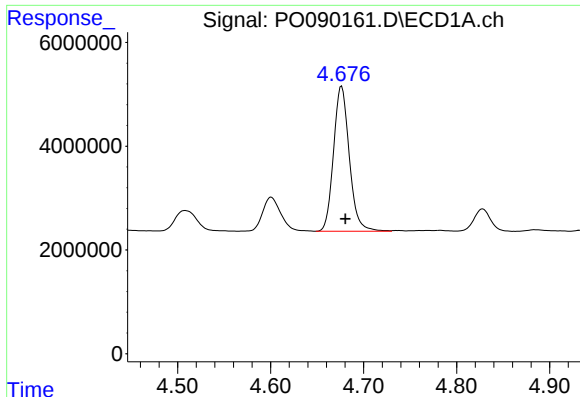
#10 AR-1221-3

R.T.: 4.676 min
Delta R.T.: -0.005 min
Response: 33003731
Conc: 385.42 ng/ml



#10 AR-1221-3

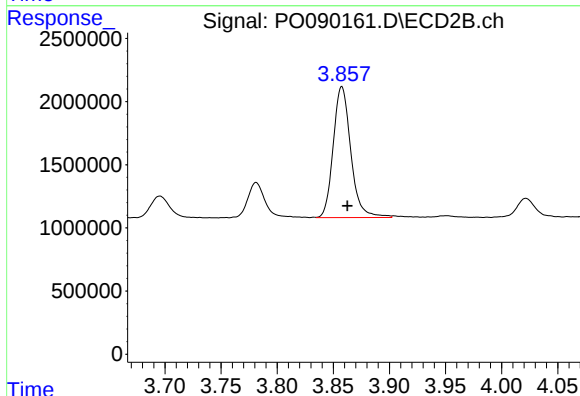
R.T.: 3.858 min
Delta R.T.: -0.006 min
Response: 11313861
Conc: 363.69 ng/ml



#11 AR-1232-1

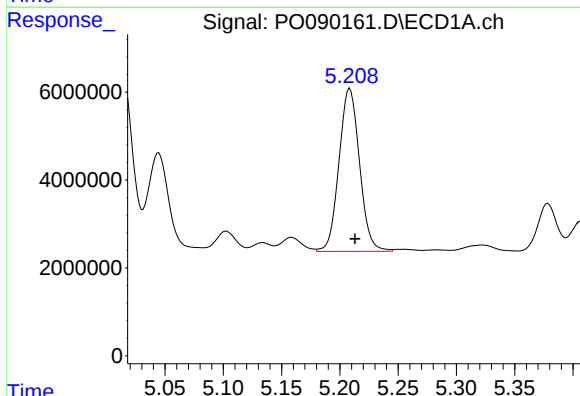
R.T.: 4.676 min
Delta R.T.: -0.004 min
Response: 33003731
Conc: 504.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



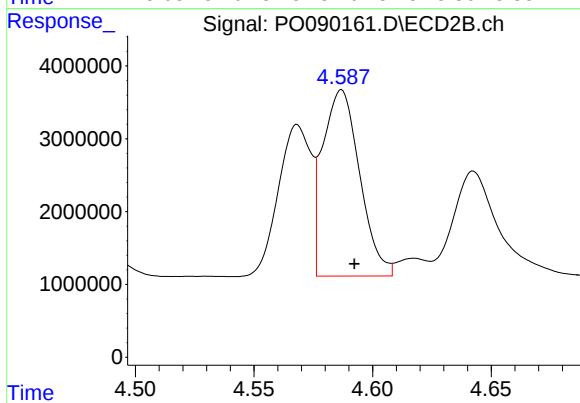
#11 AR-1232-1

R.T.: 3.858 min
Delta R.T.: -0.005 min
Response: 11313861
Conc: 475.56 ng/ml



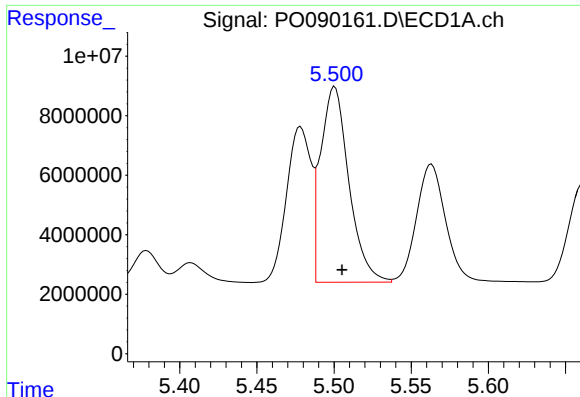
#12 AR-1232-2

R.T.: 5.209 min
Delta R.T.: -0.005 min
Response: 45444578
Conc: 1182.16 ng/ml



#12 AR-1232-2

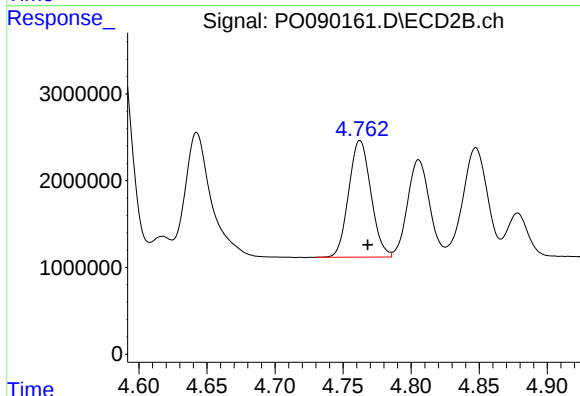
R.T.: 4.587 min
Delta R.T.: -0.005 min
Response: 27797213
Conc: 1159.99 ng/ml



#13 AR-1232-3

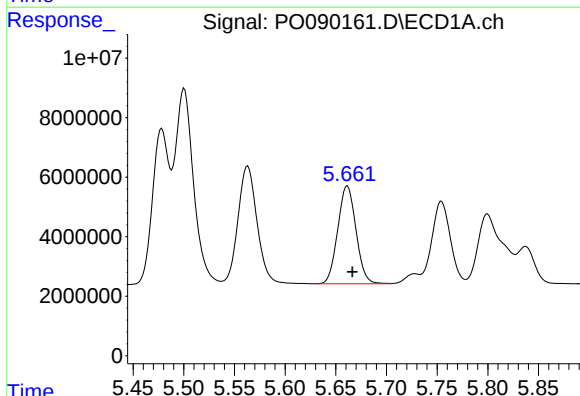
R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 84001766
Conc: 1253.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



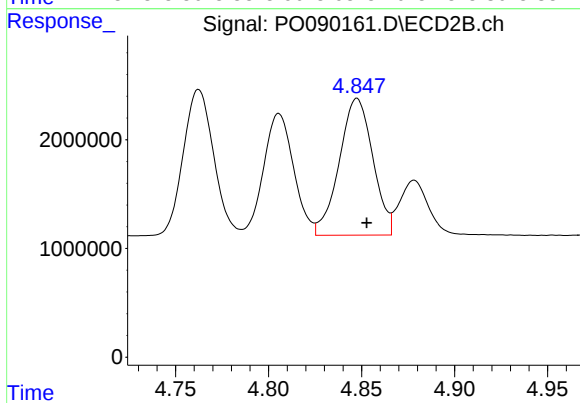
#13 AR-1232-3

R.T.: 4.762 min
Delta R.T.: -0.006 min
Response: 15295181
Conc: 1204.45 ng/ml



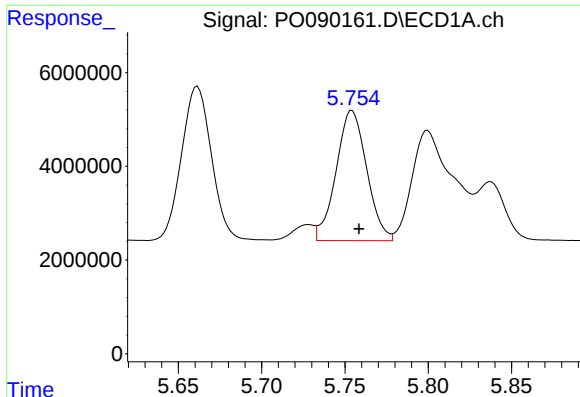
#14 AR-1232-4

R.T.: 5.661 min
Delta R.T.: -0.005 min
Response: 41310328
Conc: 1251.16 ng/ml



#14 AR-1232-4

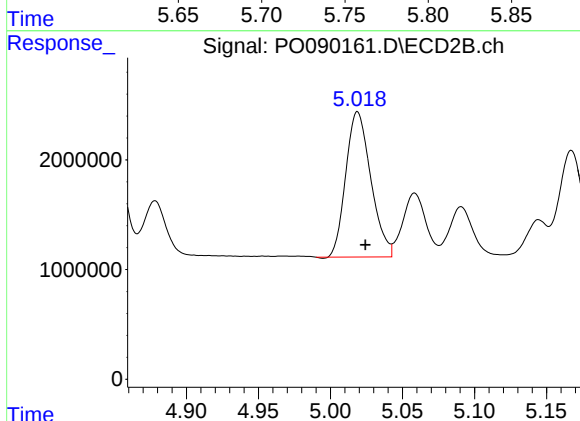
R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 15832120
Conc: 1298.51 ng/ml



#15 AR-1232-5

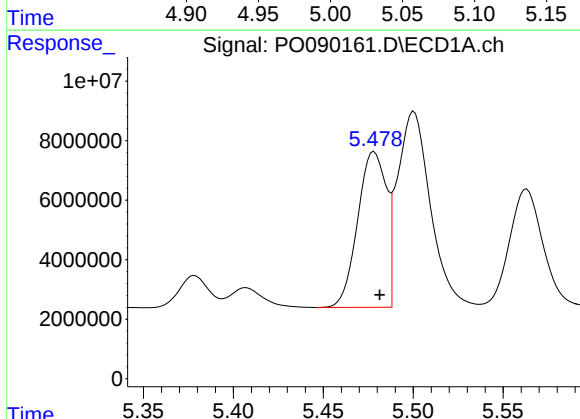
R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 35555400
Conc: 1342.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



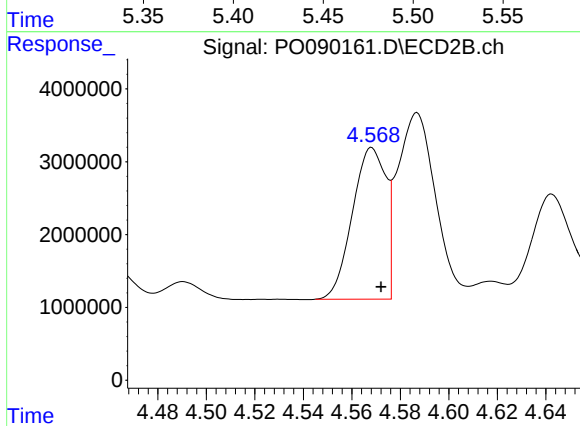
#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 16025557
Conc: 1200.25 ng/ml



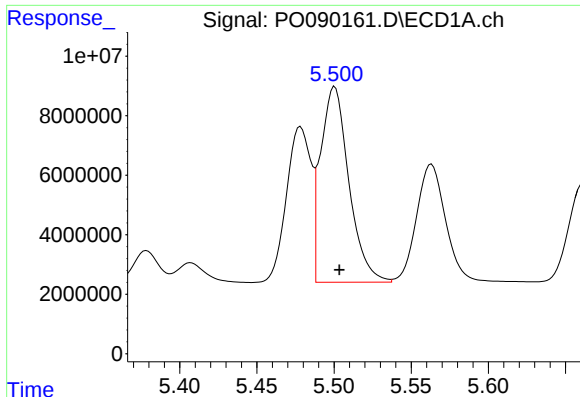
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 57863678
Conc: 699.34 ng/ml



#16 AR-1242-1

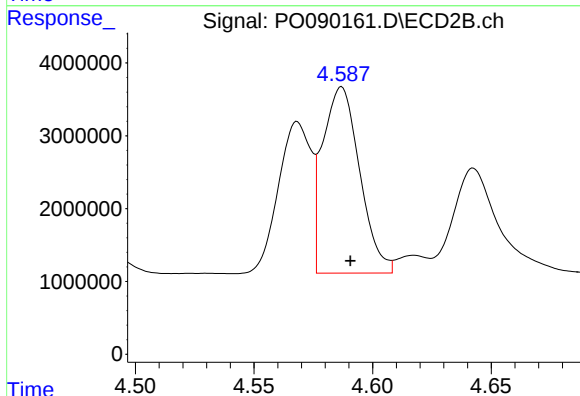
R.T.: 4.568 min
Delta R.T.: -0.004 min
Response: 19973100
Conc: 670.87 ng/ml



#17 AR-1242-2

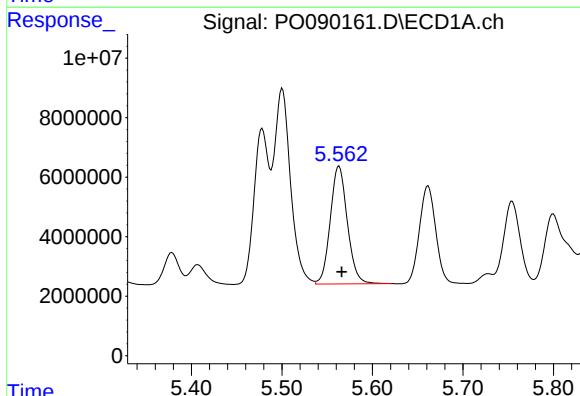
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 84001766
Conc: 711.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



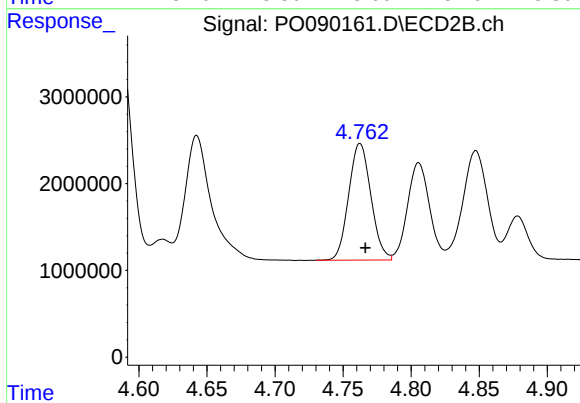
#17 AR-1242-2

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 27797213
Conc: 683.40 ng/ml



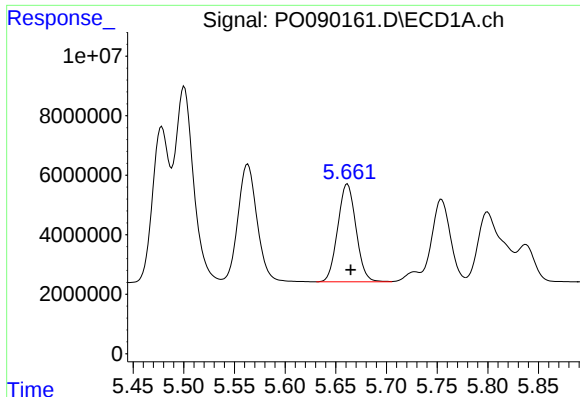
#18 AR-1242-3

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 51843622
Conc: 696.48 ng/ml



#18 AR-1242-3

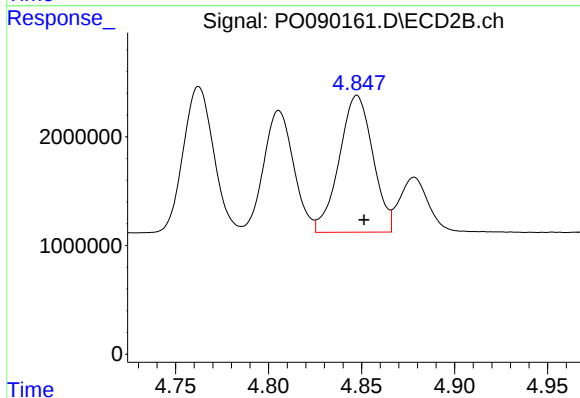
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 15295181
Conc: 691.70 ng/ml



#19 AR-1242-4

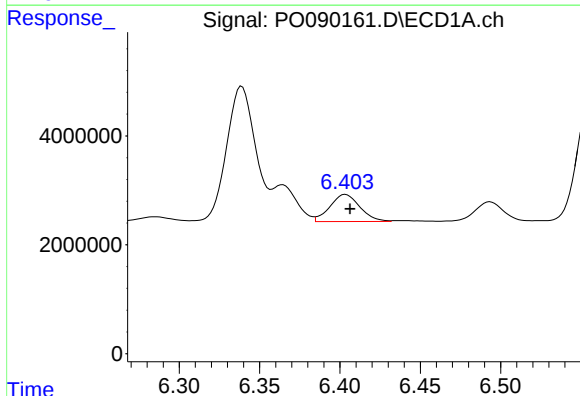
R.T.: 5.661 min
Delta R.T.: -0.003 min
Response: 41310328
Conc: 709.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



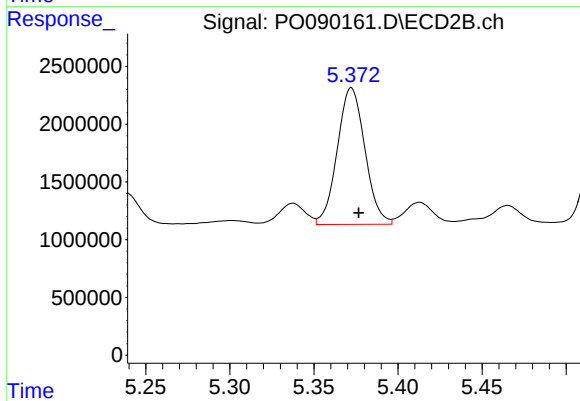
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 15832120
Conc: 667.64 ng/ml



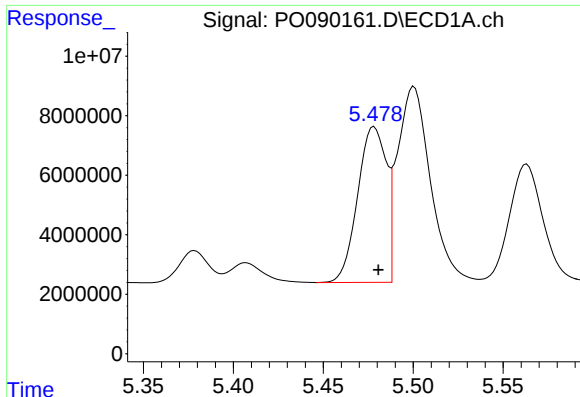
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 6425801
Conc: 104.54 ng/ml



#20 AR-1242-5

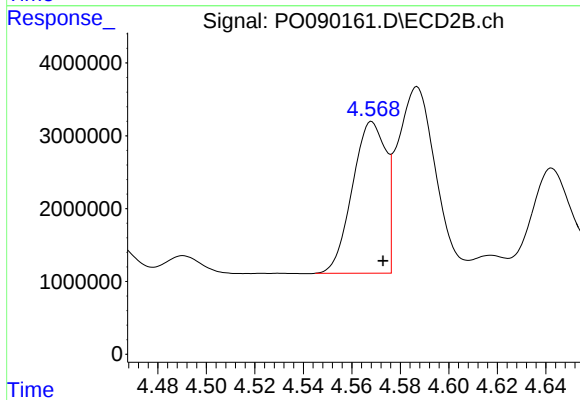
R.T.: 5.372 min
Delta R.T.: -0.004 min
Response: 13545440
Conc: 473.53 ng/ml



#21 AR-1248-1

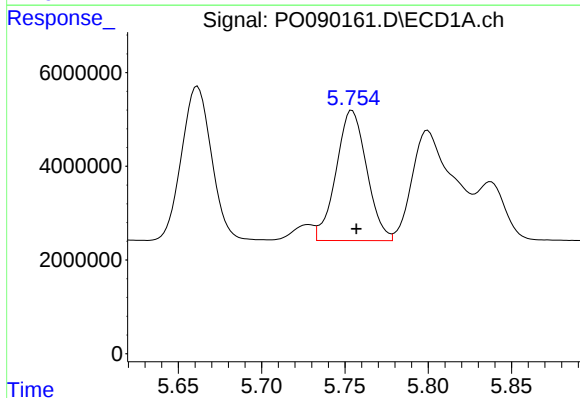
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 57863678
Conc: 914.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



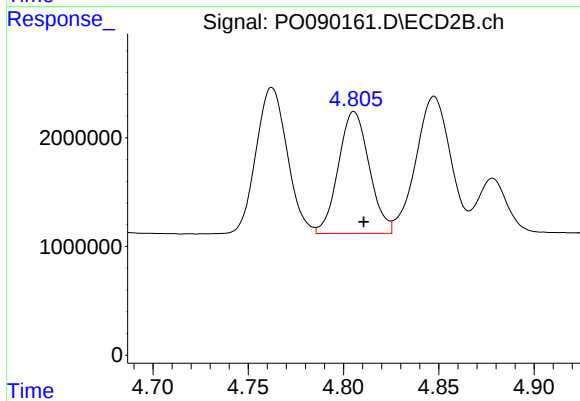
#21 AR-1248-1

R.T.: 4.568 min
Delta R.T.: -0.005 min
Response: 19973100
Conc: 879.79 ng/ml



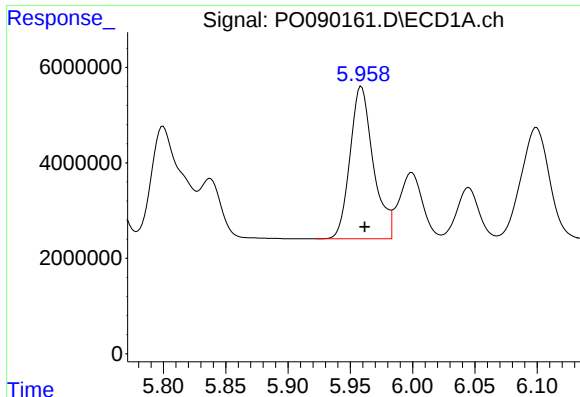
#22 AR-1248-2

R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 35555400
Conc: 375.45 ng/ml



#22 AR-1248-2

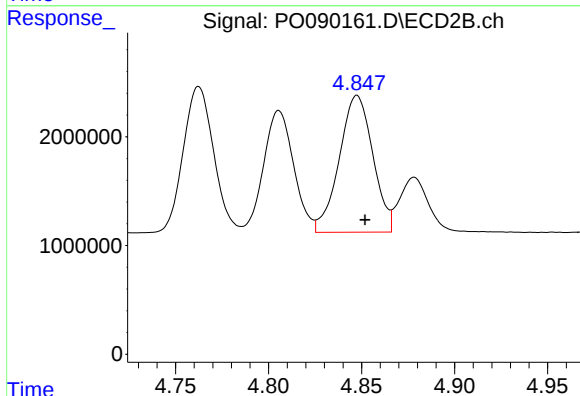
R.T.: 4.806 min
Delta R.T.: -0.005 min
Response: 12632792
Conc: 388.56 ng/ml



#23 AR-1248-3

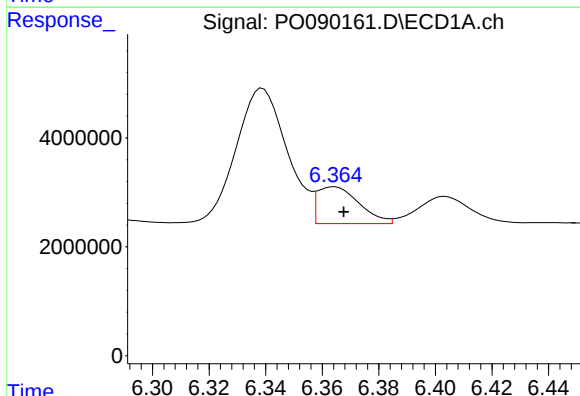
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 41566565
Conc: 421.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



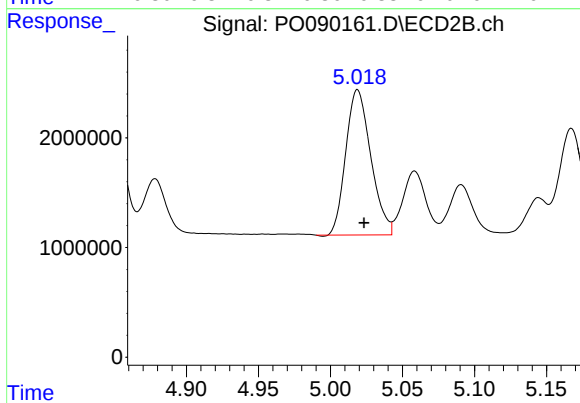
#23 AR-1248-3

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 15832120
Conc: 469.68 ng/ml



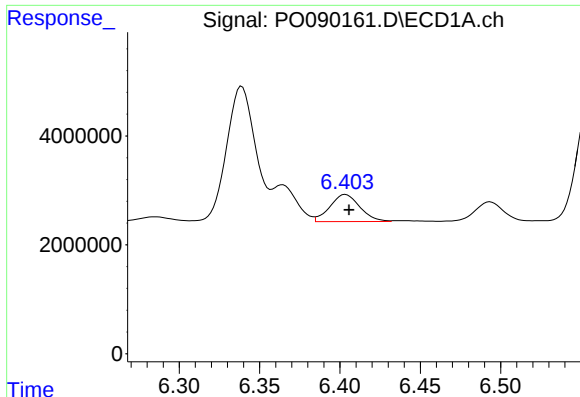
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 6924305
Conc: 64.94 ng/ml



#24 AR-1248-4

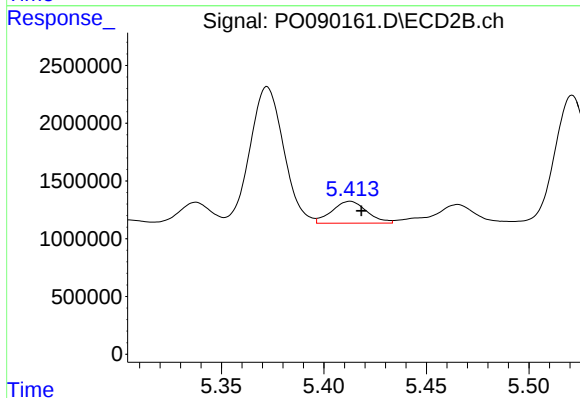
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 16025557
Conc: 414.38 ng/ml



#25 AR-1248-5

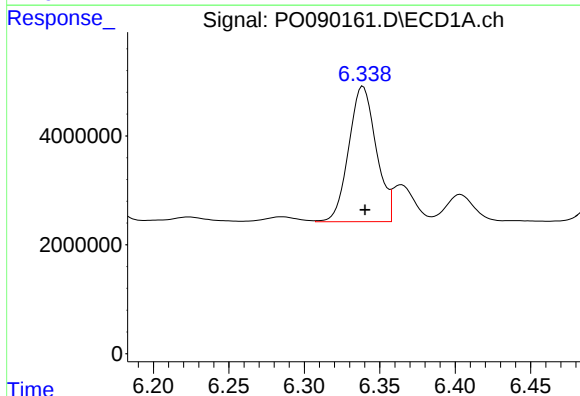
R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 6425801
Conc: 61.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



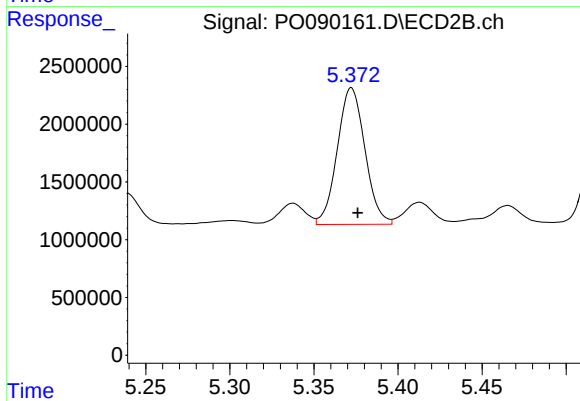
#25 AR-1248-5

R.T.: 5.413 min
Delta R.T.: -0.006 min
Response: 2249993
Conc: 62.14 ng/ml



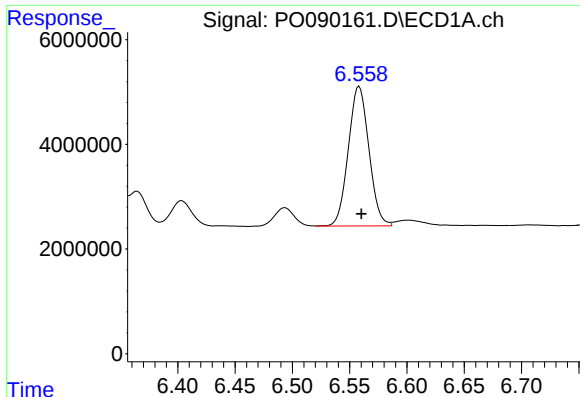
#26 AR-1254-1

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 31397941
Conc: 270.91 ng/ml



#26 AR-1254-1

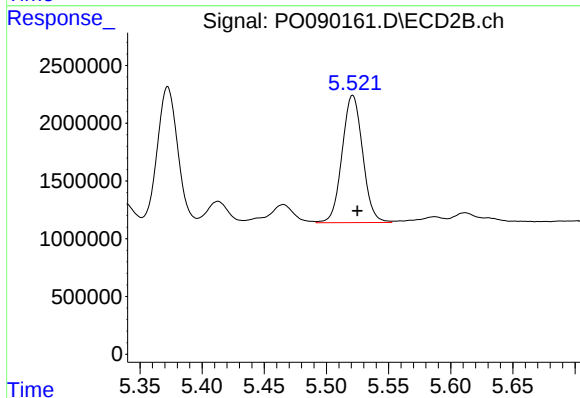
R.T.: 5.372 min
Delta R.T.: -0.004 min
Response: 13545440
Conc: 229.95 ng/ml



#27 AR-1254-2

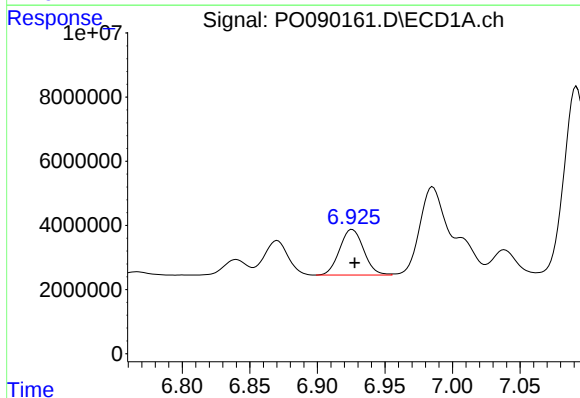
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 33378542
Conc: 191.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



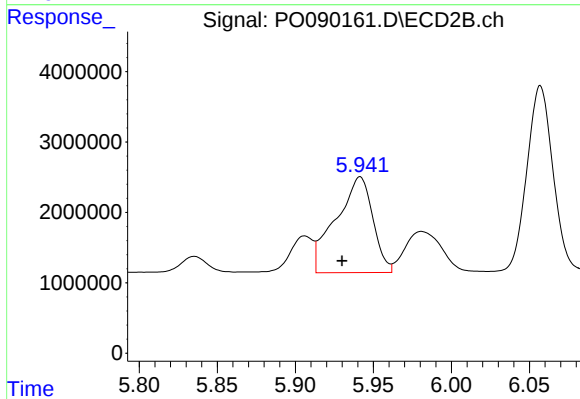
#27 AR-1254-2

R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 12671650
Conc: 236.50 ng/ml



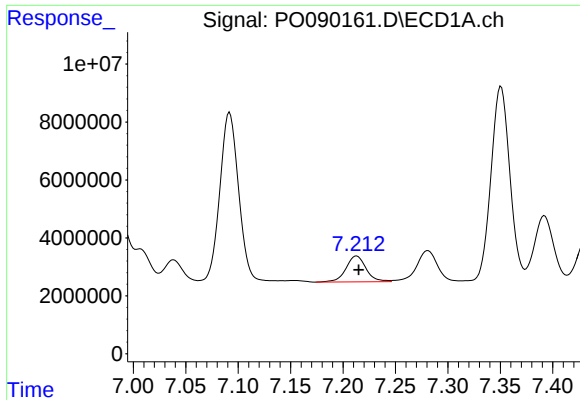
#28 AR-1254-3

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 17626071
Conc: 101.53 ng/ml



#28 AR-1254-3

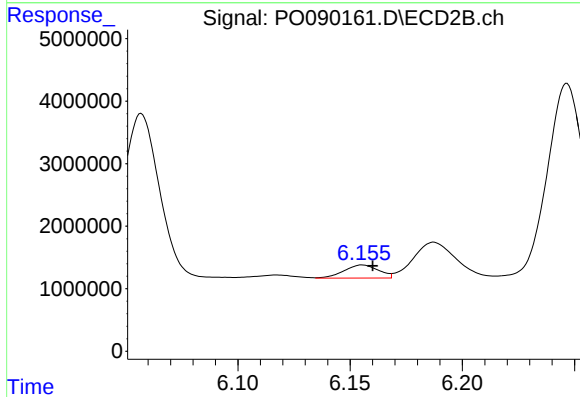
R.T.: 5.941 min
Delta R.T.: 0.012 min
Response: 22406733
Conc: 270.34 ng/ml



#29 AR-1254-4

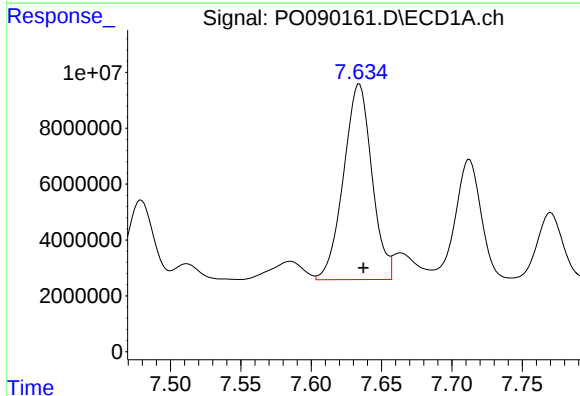
R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 11966739
Conc: 93.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



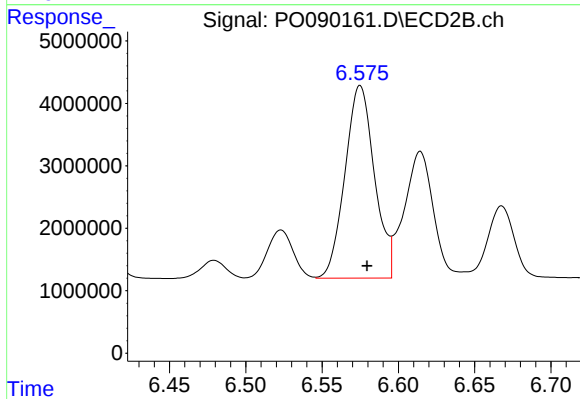
#29 AR-1254-4

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2234650
Conc: 44.99 ng/ml



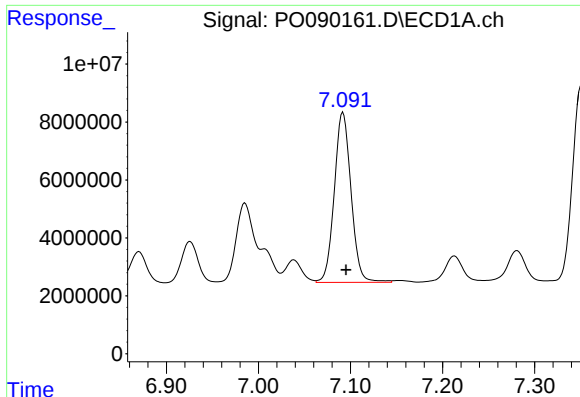
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 98313121
Conc: 697.95 ng/ml



#30 AR-1254-5

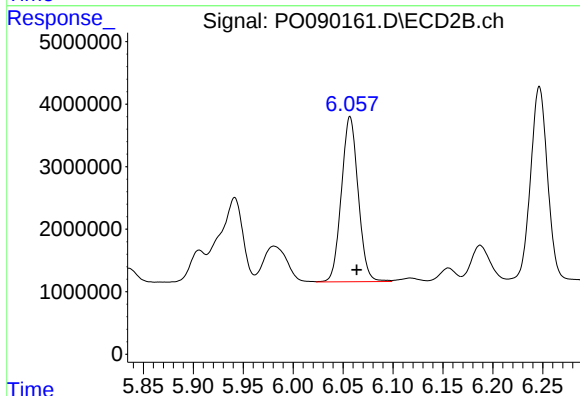
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 41527746
Conc: 554.62 ng/ml



#31 AR-1260-1

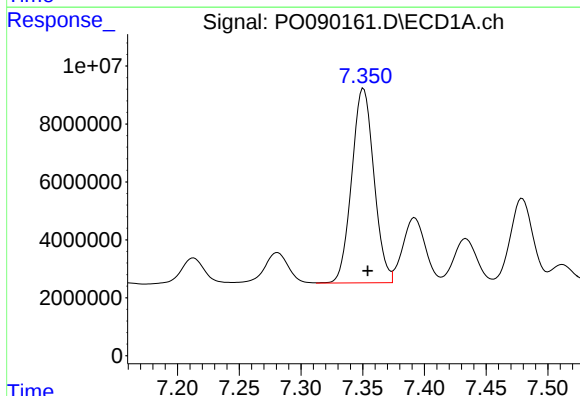
R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 74107909
Conc: 528.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



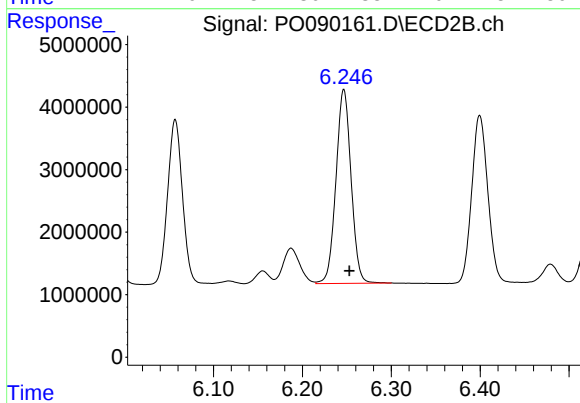
#31 AR-1260-1

R.T.: 6.057 min
Delta R.T.: -0.007 min
Response: 30910760
Conc: 513.46 ng/ml



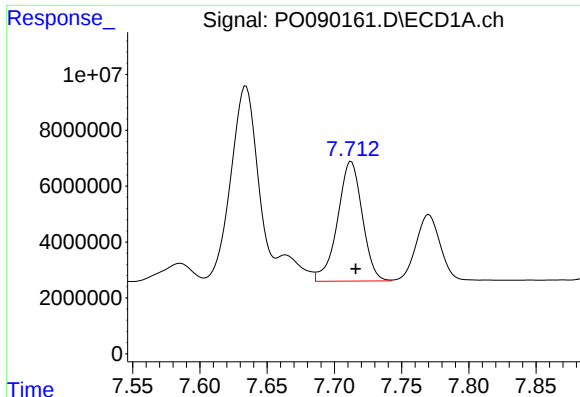
#32 AR-1260-2

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 84081582
Conc: 519.73 ng/ml



#32 AR-1260-2

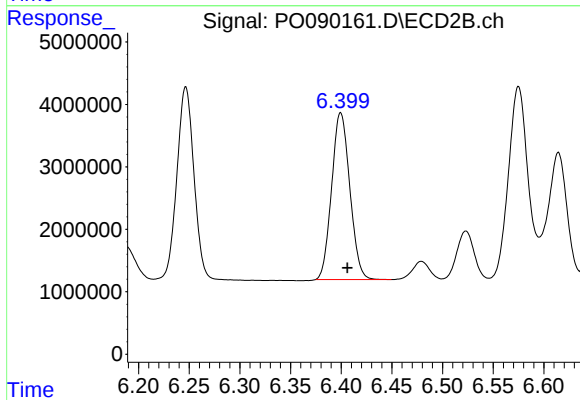
R.T.: 6.247 min
Delta R.T.: -0.006 min
Response: 36641758
Conc: 507.21 ng/ml



#33 AR-1260-3

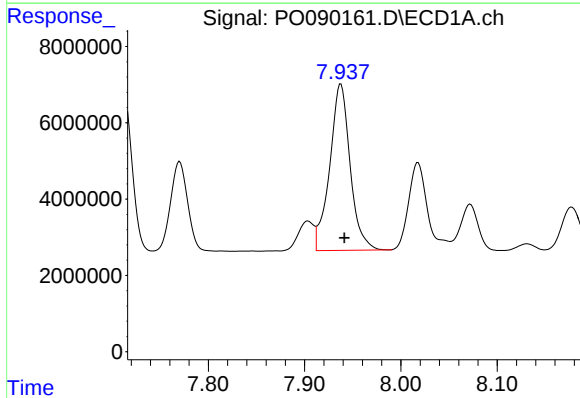
R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 54676542
Conc: 520.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



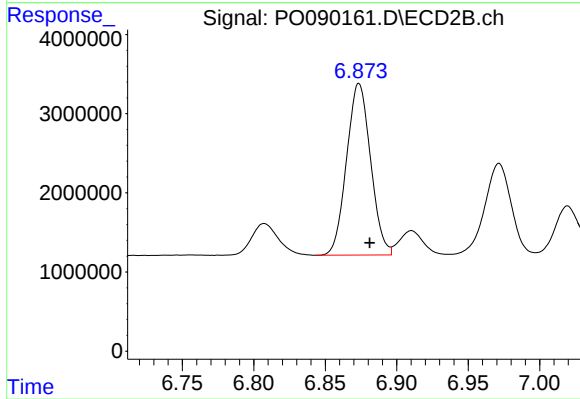
#33 AR-1260-3

R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 33351178
Conc: 500.51 ng/ml



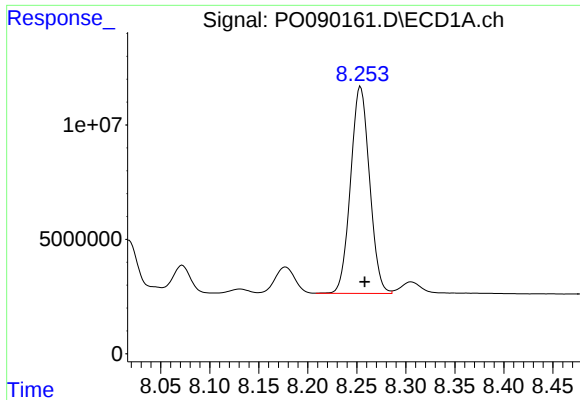
#34 AR-1260-4

R.T.: 7.938 min
Delta R.T.: -0.004 min
Response: 64502711
Conc: 522.11 ng/ml



#34 AR-1260-4

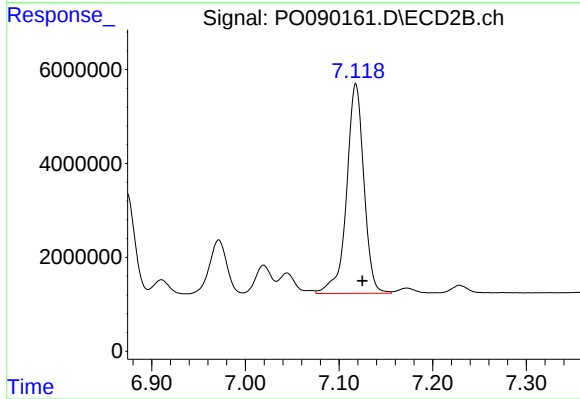
R.T.: 6.874 min
Delta R.T.: -0.008 min
Response: 25345632
Conc: 498.20 ng/ml



#35 AR-1260-5

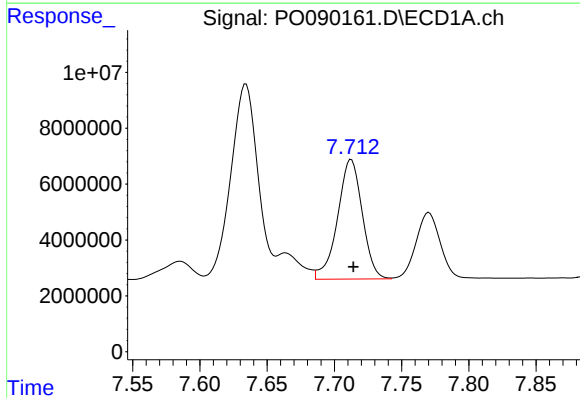
R.T.: 8.254 min
Delta R.T.: -0.004 min
Response: 121710460
Conc: 534.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



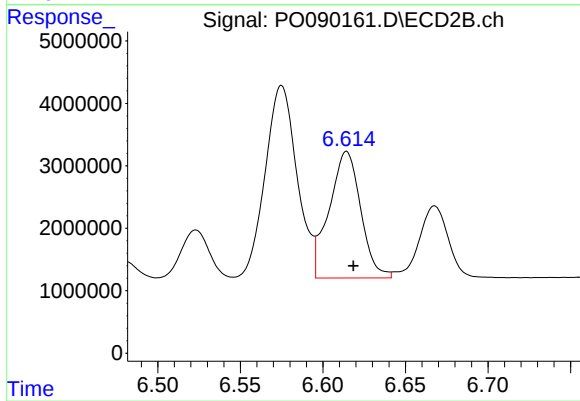
#35 AR-1260-5

R.T.: 7.118 min
Delta R.T.: -0.007 min
Response: 57268439
Conc: 493.05 ng/ml



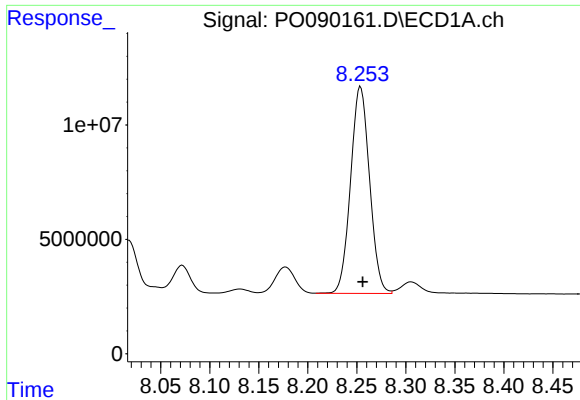
#36 AR-1262-1

R.T.: 7.713 min
Delta R.T.: -0.002 min
Response: 54676542
Conc: 329.83 ng/ml



#36 AR-1262-1

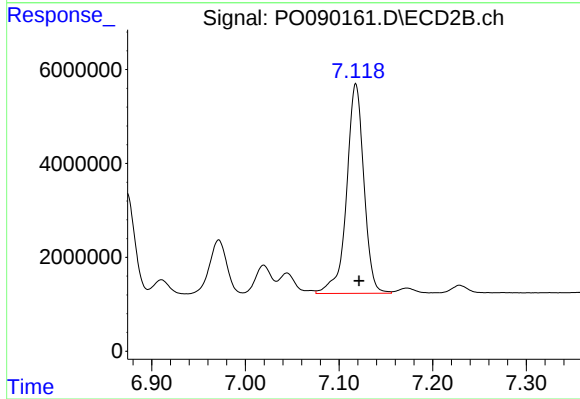
R.T.: 6.614 min
Delta R.T.: -0.004 min
Response: 26970810
Conc: 355.94 ng/ml



#37 AR-1262-2

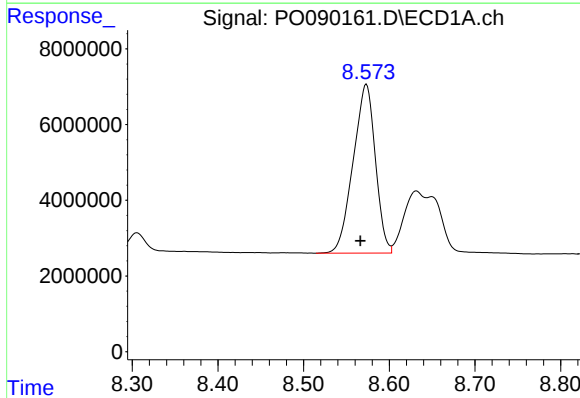
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 121710460
Conc: 433.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



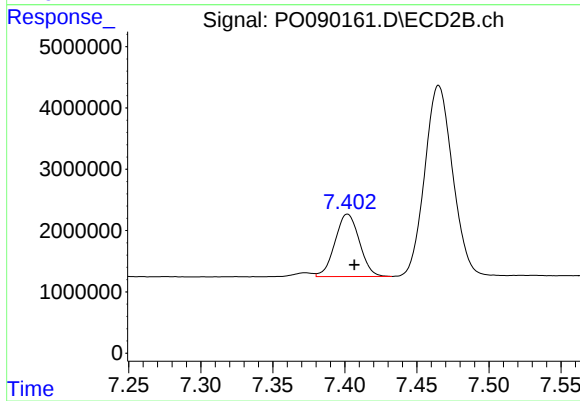
#37 AR-1262-2

R.T.: 7.118 min
Delta R.T.: -0.003 min
Response: 57268439
Conc: 446.60 ng/ml



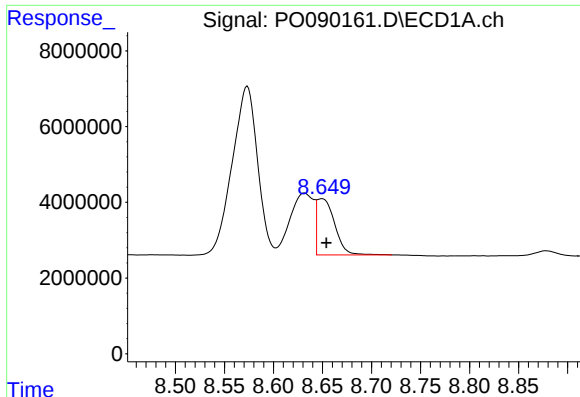
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 80349085
Conc: 409.21 ng/ml



#38 AR-1262-3

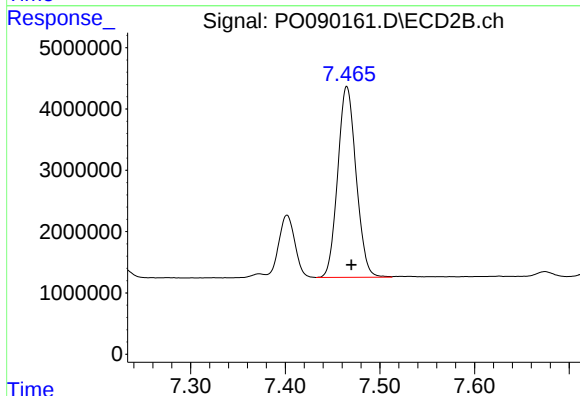
R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 12001655
Conc: 220.38 ng/ml



#39 AR-1262-4

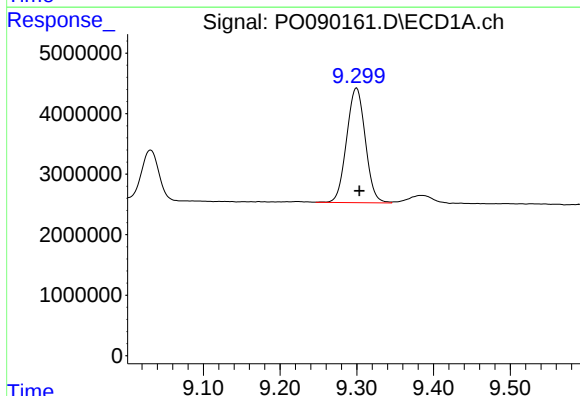
R.T.: 8.650 min
Delta R.T.: -0.004 min
Response: 18853327
Conc: 193.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



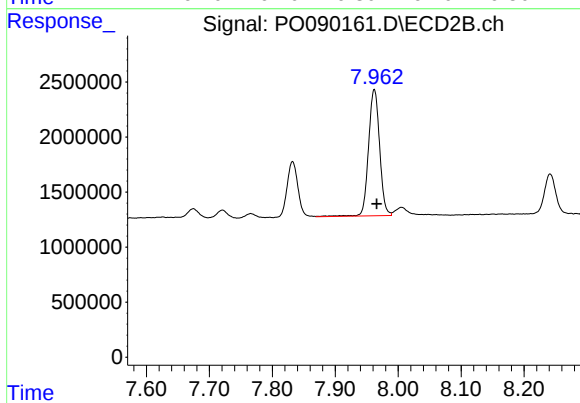
#39 AR-1262-4

R.T.: 7.465 min
Delta R.T.: -0.005 min
Response: 41975081
Conc: 432.20 ng/ml



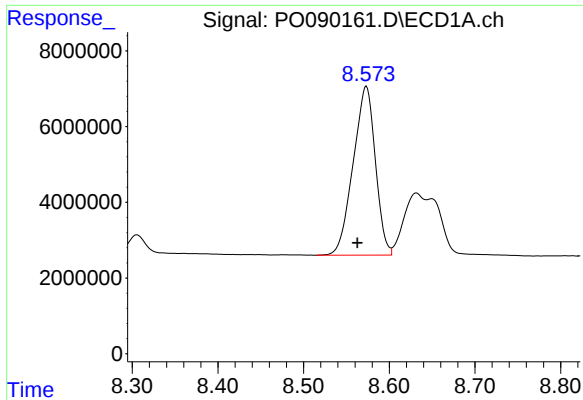
#40 AR-1262-5

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 32216584
Conc: 305.74 ng/ml



#40 AR-1262-5

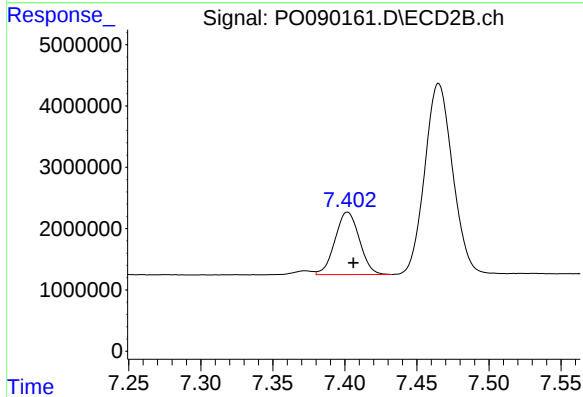
R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 14063895
Conc: 296.33 ng/ml



#41 AR-1268-1

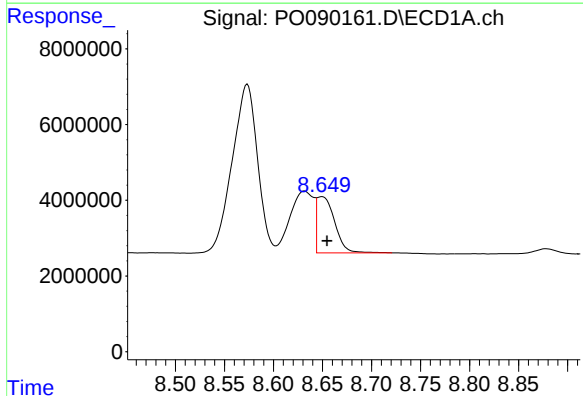
R.T.: 8.573 min
Delta R.T.: 0.011 min
Response: 80349085
Conc: 230.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



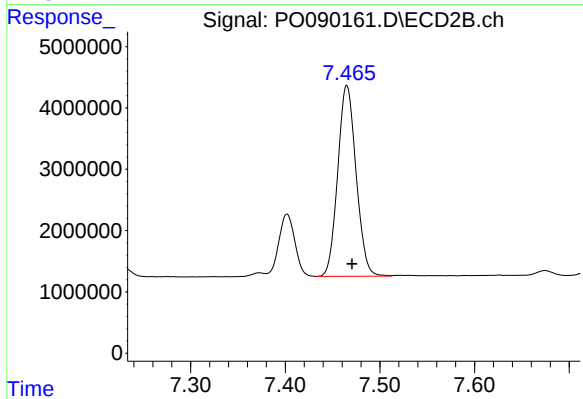
#41 AR-1268-1

R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 12001655
Conc: 76.18 ng/ml



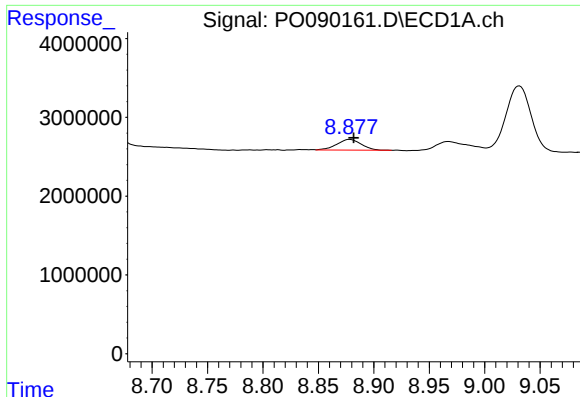
#42 AR-1268-2

R.T.: 8.650 min
Delta R.T.: -0.005 min
Response: 18853327
Conc: 60.43 ng/ml



#42 AR-1268-2

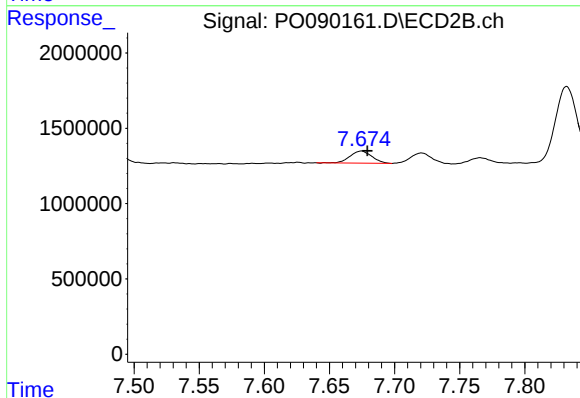
R.T.: 7.465 min
Delta R.T.: -0.006 min
Response: 41975081
Conc: 299.17 ng/ml



#43 AR-1268-3

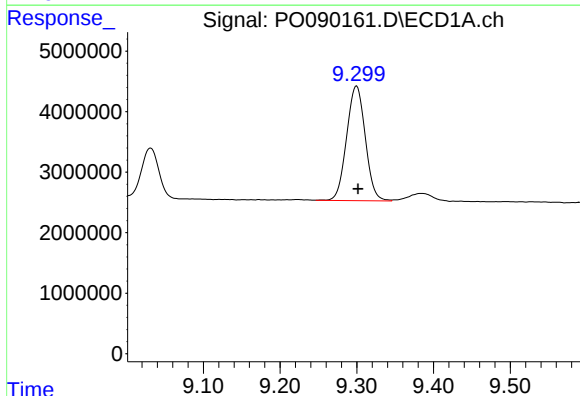
R.T.: 8.878 min
Delta R.T.: -0.004 min
Response: 2083424
Conc: 7.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



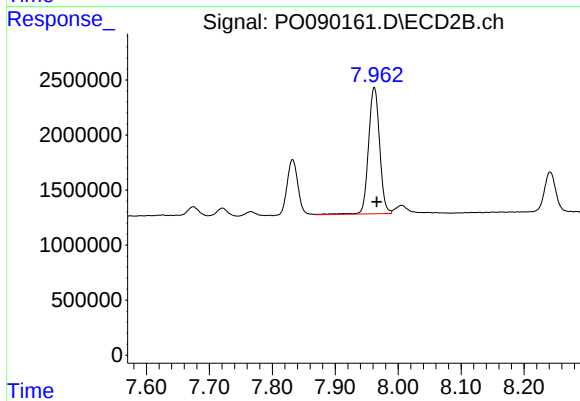
#43 AR-1268-3

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 945300
Conc: 7.88 ng/ml



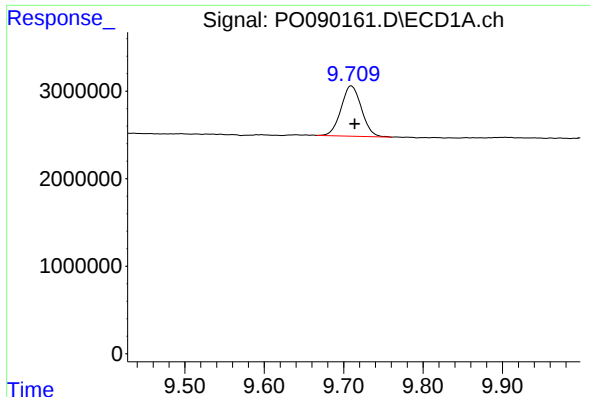
#44 AR-1268-4

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 32216584
Conc: 276.49 ng/ml



#44 AR-1268-4

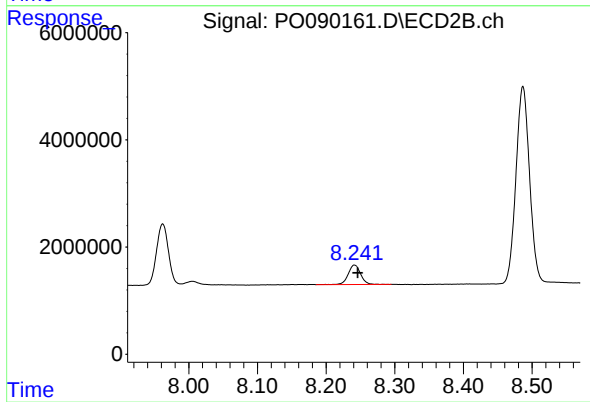
R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 14063895
Conc: 258.96 ng/ml



#45 AR-1268-5

R.T.: 9.710 min
Delta R.T.: -0.004 min
Response: 10281956
Conc: 11.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.241 min
Delta R.T.: -0.005 min
Response: 4589272
Conc: 13.11 ng/ml