

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091323\
 Data File : P0098005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 21:39
 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: Sep 14 01:24:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 2023
 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...	4.439	3.620	177.0E6	49813669	44.436	52.015
2)	SA Decachlor...	10.282	8.651	92341596	43972566	49.421	51.467
Target Compounds							
3)	L1 AR-1016-1	5.616	4.709	49984753	17102088	462.907	531.715
4)	L1 AR-1016-2	5.639	4.728	72807363	23824610	449.905	524.475
5)	L1 AR-1016-3	5.702	4.904	45542437	12901512	457.376	529.905
6)	L1 AR-1016-4	5.801	4.947	35405007	10754483	448.989	511.899
7)	L1 AR-1016-5	6.098	5.161	36696364	14307513	447.001	514.799
8)	L2 AR-1221-1	4.645	3.834	7289404	1982056	152.999	164.146
9)	L2 AR-1221-2	4.737	3.921	9649621	2624272	271.578	307.648
10)	L2 AR-1221-3	4.813	3.997	31997186	8849687	308.849	330.254
11)	L3 AR-1232-1	4.813	3.997	31997186	8849687	372.640	401.208
12)	L3 AR-1232-2	5.346	4.728	41817199	23824610	956.981	1161.261
13)	L3 AR-1232-3	5.639	4.904	72807363	12901512	1004.576	1186.548
14)	L3 AR-1232-4	5.801	4.988	35405007	13335901	1026.702	1228.305
15)	L3 AR-1232-5	5.892	5.161	33866230	14307513	1084.098	1180.152
16)	L4 AR-1242-1	5.616	4.709	49984753	17102088	536.651	609.415
17)	L4 AR-1242-2	5.639	4.728	72807363	23824610	518.945	600.289
18)	L4 AR-1242-3	5.702	4.904	45542437	12901512	526.224	610.521
19)	L4 AR-1242-4	5.801	4.988	35405007	13335901	522.037	581.882
20)	L4 AR-1242-5	6.544	5.515	10620541	13581673	150.930	521.344 #
21)	L5 AR-1248-1	5.616	4.709	49984753	17102088	736.656	832.521
22)	L5 AR-1248-2	5.892	4.947	33866230	10754483	313.161	352.980
23)	L5 AR-1248-3	6.098	4.988	36696364	13335901	326.954	418.748 #
24)	L5 AR-1248-4	6.505	5.161	10872438	14307513	105.171	382.324 #
25)	L5 AR-1248-5	6.544	5.555	10620541	3702719	95.275	111.118
26)	L6 AR-1254-1	6.479	5.515	30742451	13581673	250.759	249.833
27)	L6 AR-1254-2	6.699	5.663	26536656	9972141	147.932	207.086 #
28)	L6 AR-1254-3	7.068	6.083	12028236	17707552	67.922	239.675 #
29)	L6 AR-1254-4	7.357	6.297	7169406	1388883	66.607	35.044 #
30)	L6 AR-1254-5	7.779	6.716	73222302	32266631	609.001	523.891
31)	L7 AR-1260-1	7.235	6.199	62016325	26689433	438.838	501.637
32)	L7 AR-1260-2	7.494	6.387	67608012	31420193	447.273	501.767
33)	L7 AR-1260-3	7.858	6.542	50324469	27884242	444.252	483.560
34)	L7 AR-1260-4	8.085	7.016	54169571	23472497	455.685	500.361
35)	L7 AR-1260-5	8.413	7.258	98464472	52197099	480.975	526.574
36)	L8 AR-1262-1	7.858	6.809	50324469	12880970	330.997	475.372 #
37)	L8 AR-1262-2	8.413	7.016	98464472	23472497	451.126	402.776
38)	L8 AR-1262-3	8.745	7.543	62527833	11632856	404.146	266.676 #
39)	L8 AR-1262-4	8.806	7.606	40233737	37192816	478.906	488.819
40)	L8 AR-1262-5	9.502	8.103	25417262	11850139	352.681	377.696
41)	L9 AR-1268-1	8.745	7.543	62527833	11632856	220.320	88.363 #

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 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

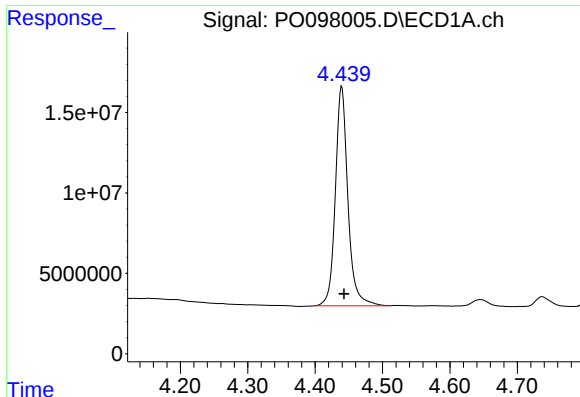
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 01:24:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.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	8.806	7.606	40233737	37192816	157.520	322.710 #
43) L9	AR-1268-3	9.063	7.906	1314473	453280	5.882	16.397 #
44) L9	AR-1268-4	9.502	8.103	25417262	11850139	311.028	336.410
45) L9	AR-1268-5	9.931	8.395	7529706	3743127	11.351	11.939

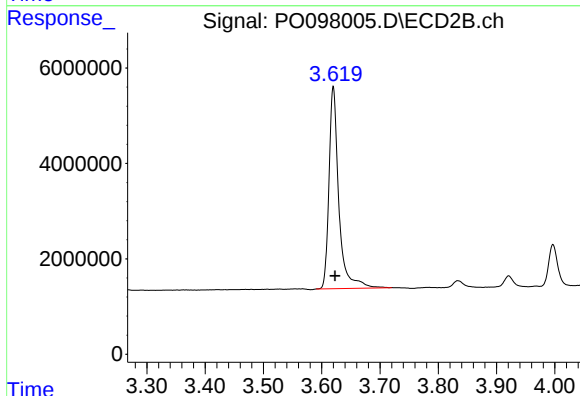
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

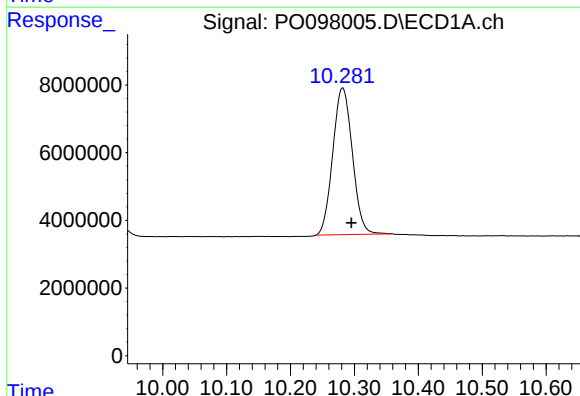
R.T.: 4.439 min
Delta R.T.: -0.004 min
Response: 177036284
Conc: 44.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



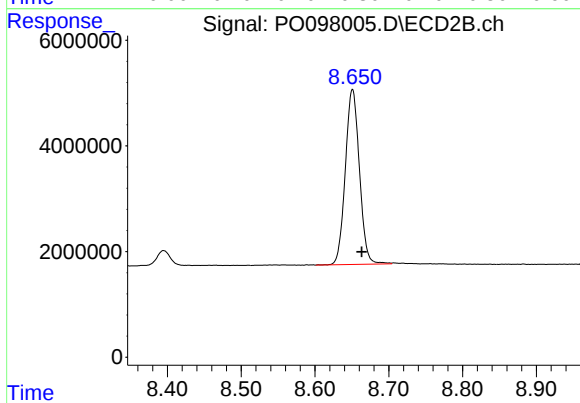
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.003 min
Response: 49813669
Conc: 52.01 ng/ml



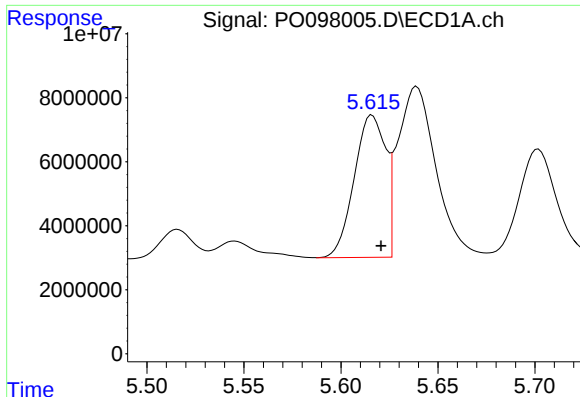
#2 Decachlorobiphenyl

R.T.: 10.282 min
Delta R.T.: -0.013 min
Response: 92341596
Conc: 49.42 ng/ml



#2 Decachlorobiphenyl

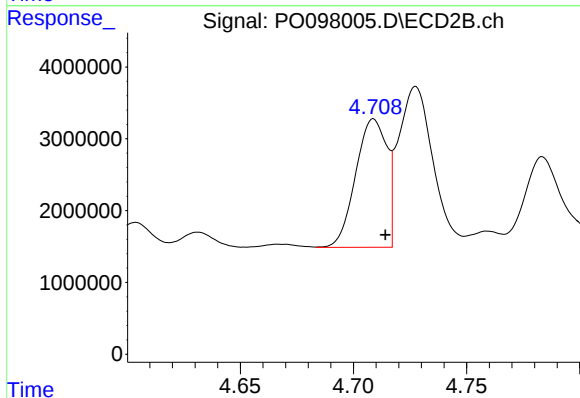
R.T.: 8.651 min
Delta R.T.: -0.013 min
Response: 43972566
Conc: 51.47 ng/ml



#3 AR-1016-1

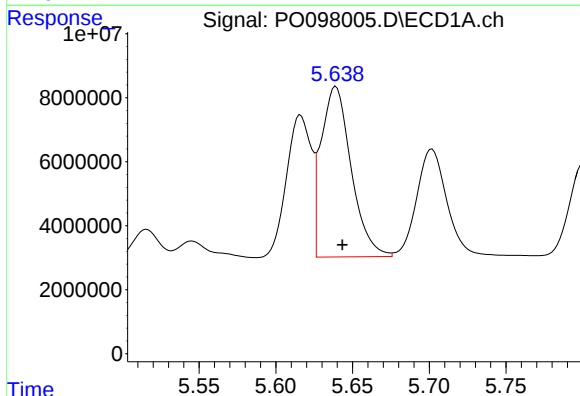
R.T.: 5.616 min
Delta R.T.: -0.005 min
Response: 49984753
Conc: 462.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



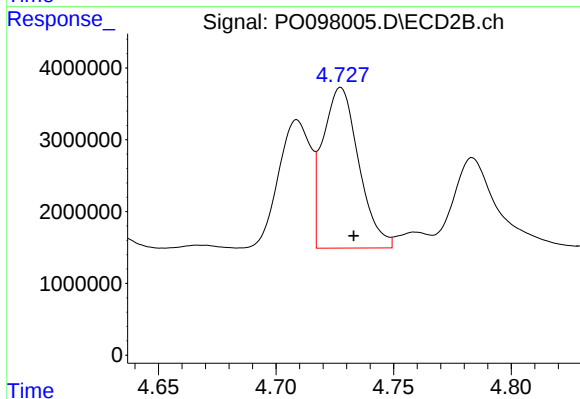
#3 AR-1016-1

R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 17102088
Conc: 531.71 ng/ml



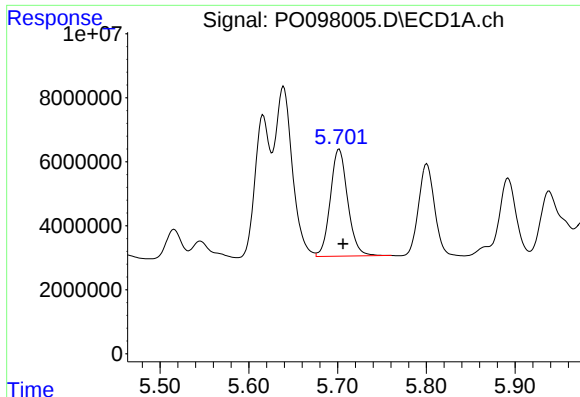
#4 AR-1016-2

R.T.: 5.639 min
Delta R.T.: -0.004 min
Response: 72807363
Conc: 449.91 ng/ml



#4 AR-1016-2

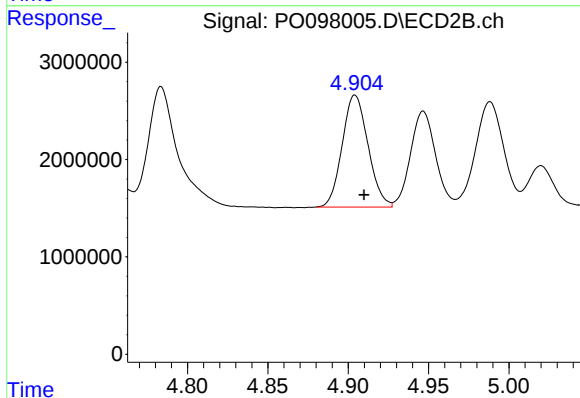
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 23824610
Conc: 524.48 ng/ml



#5 AR-1016-3

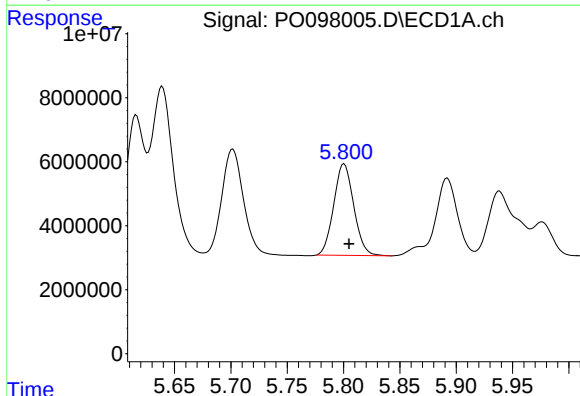
R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 45542437
Conc: 457.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



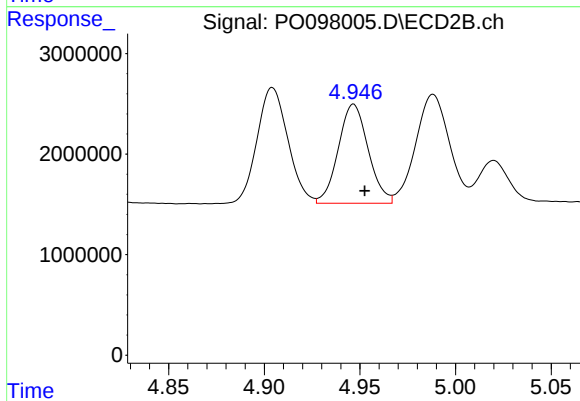
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 12901512
Conc: 529.90 ng/ml



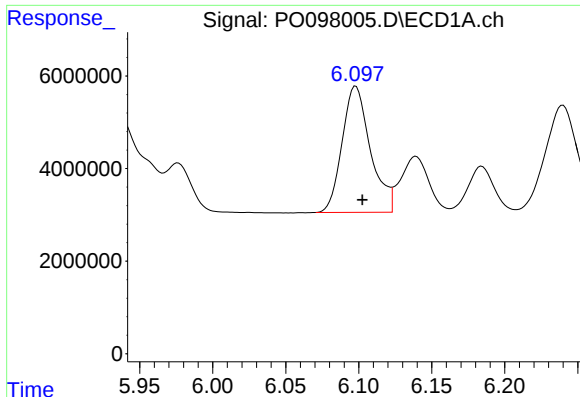
#6 AR-1016-4

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 35405007
Conc: 448.99 ng/ml



#6 AR-1016-4

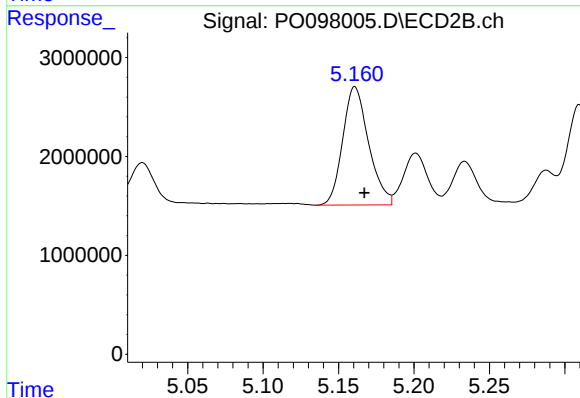
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 10754483
Conc: 511.90 ng/ml



#7 AR-1016-5

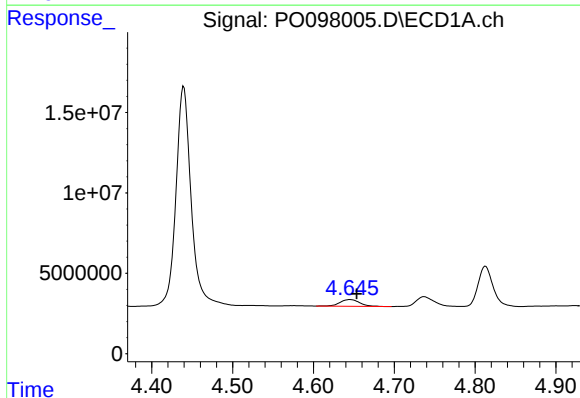
R.T.: 6.098 min
Delta R.T.: -0.005 min
Response: 36696364
Conc: 447.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



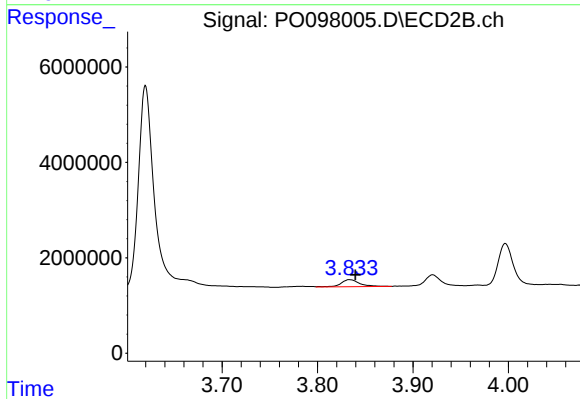
#7 AR-1016-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 14307513
Conc: 514.80 ng/ml



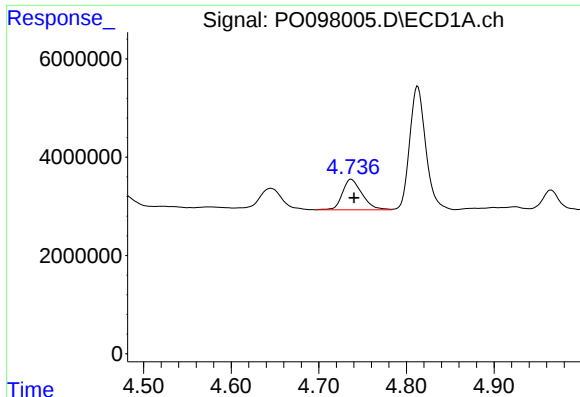
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.008 min
Response: 7289404
Conc: 153.00 ng/ml



#8 AR-1221-1

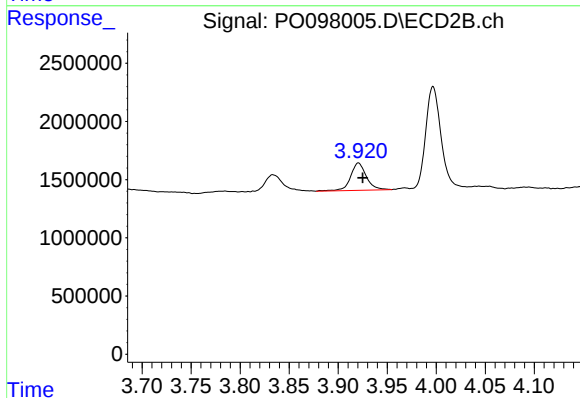
R.T.: 3.834 min
Delta R.T.: -0.006 min
Response: 1982056
Conc: 164.15 ng/ml



#9 AR-1221-2

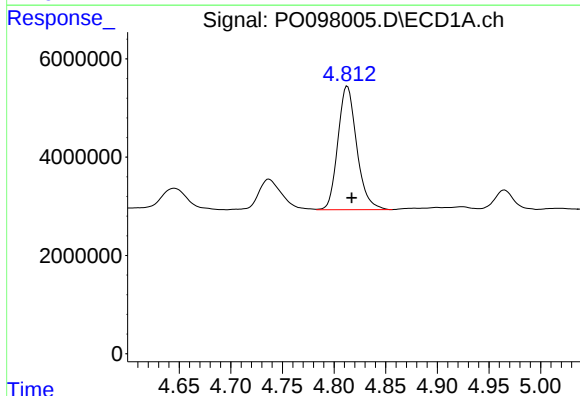
R.T.: 4.737 min
Delta R.T.: -0.004 min
Response: 9649621
Conc: 271.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



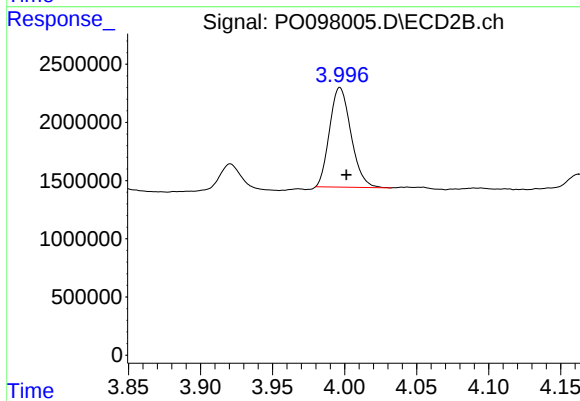
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 2624272
Conc: 307.65 ng/ml



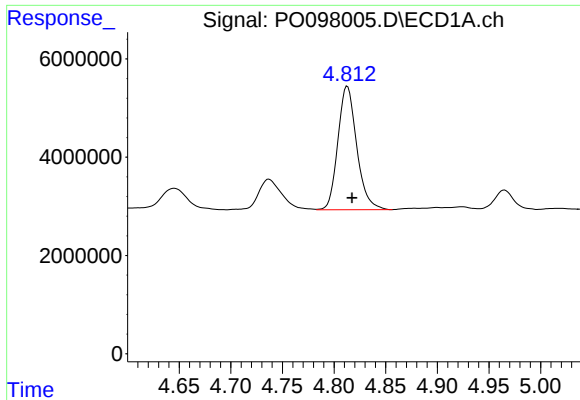
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: -0.004 min
Response: 31997186
Conc: 308.85 ng/ml



#10 AR-1221-3

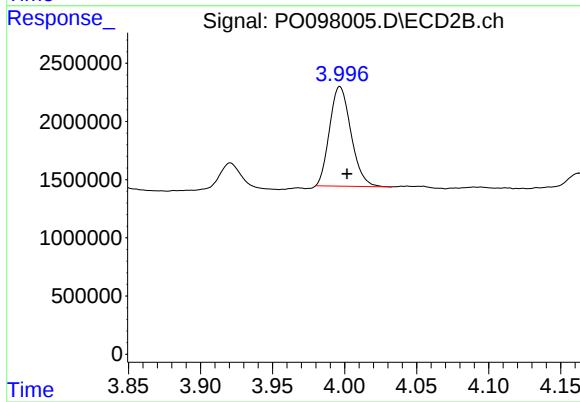
R.T.: 3.997 min
Delta R.T.: -0.005 min
Response: 8849687
Conc: 330.25 ng/ml



#11 AR-1232-1

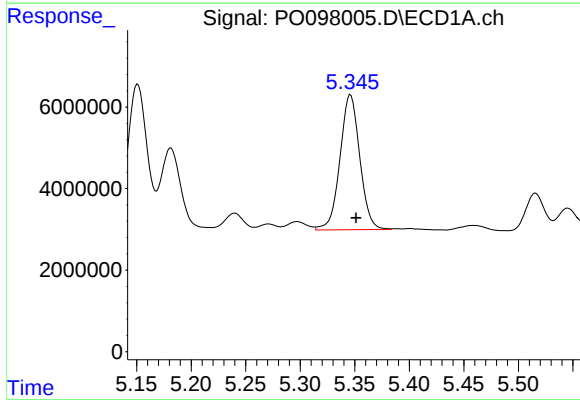
R.T.: 4.813 min
Delta R.T.: -0.005 min
Response: 31997186
Conc: 372.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



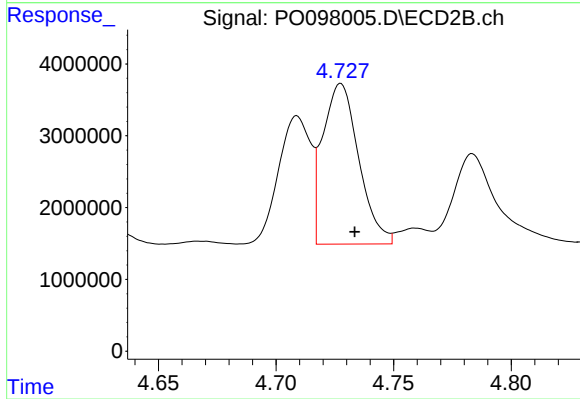
#11 AR-1232-1

R.T.: 3.997 min
Delta R.T.: -0.005 min
Response: 8849687
Conc: 401.21 ng/ml



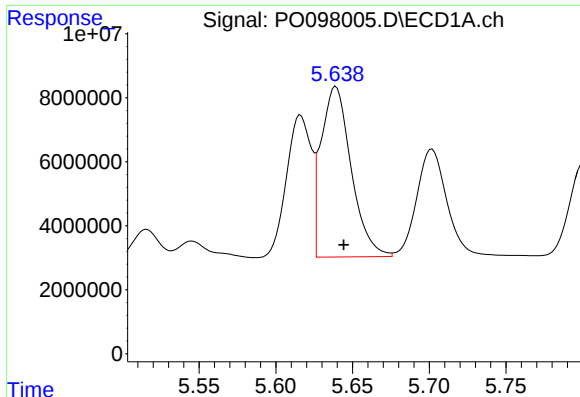
#12 AR-1232-2

R.T.: 5.346 min
Delta R.T.: -0.005 min
Response: 41817199
Conc: 956.98 ng/ml



#12 AR-1232-2

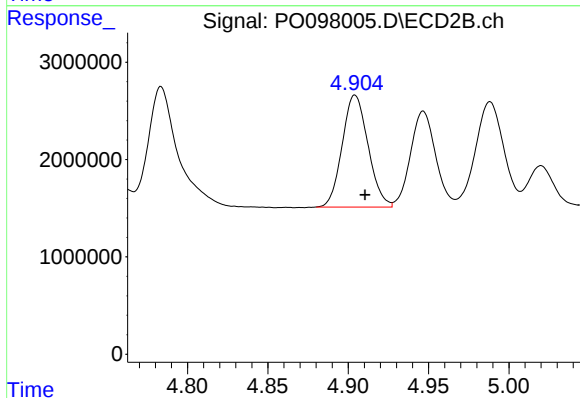
R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 23824610
Conc: 1161.26 ng/ml



#13 AR-1232-3

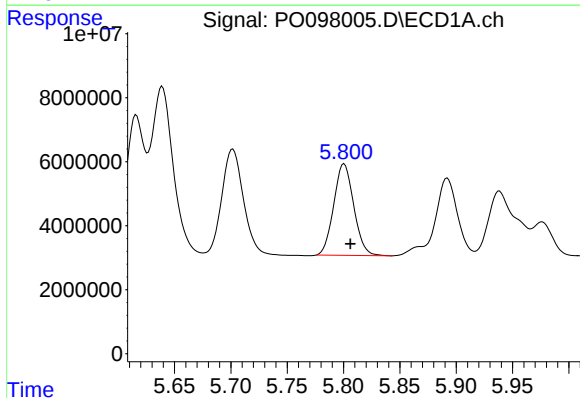
R.T.: 5.639 min
Delta R.T.: -0.005 min
Response: 72807363
Conc: 1004.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



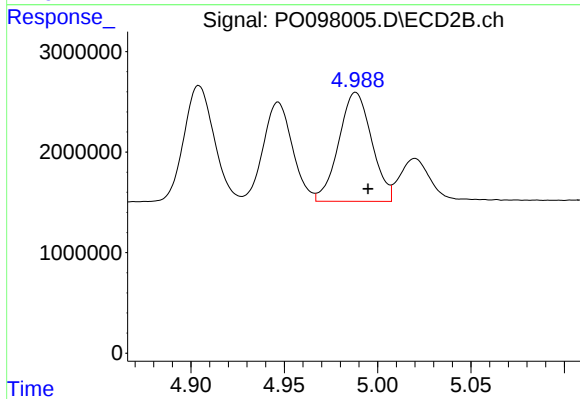
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 12901512
Conc: 1186.55 ng/ml



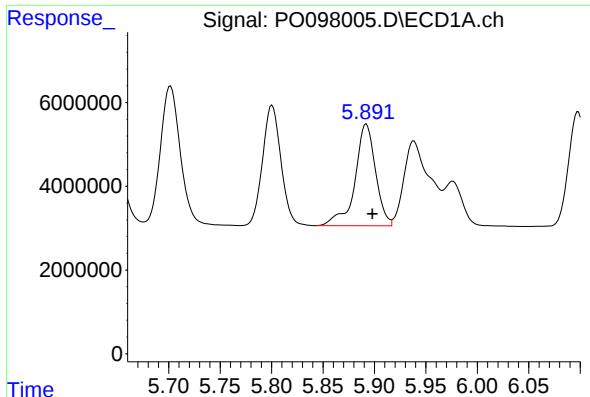
#14 AR-1232-4

R.T.: 5.801 min
Delta R.T.: -0.006 min
Response: 35405007
Conc: 1026.70 ng/ml



#14 AR-1232-4

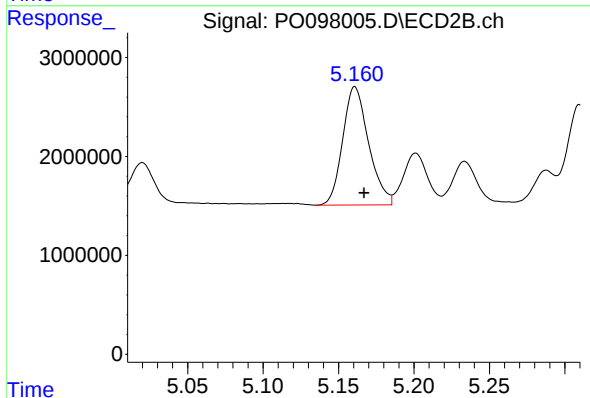
R.T.: 4.988 min
Delta R.T.: -0.007 min
Response: 13335901
Conc: 1228.31 ng/ml



#15 AR-1232-5

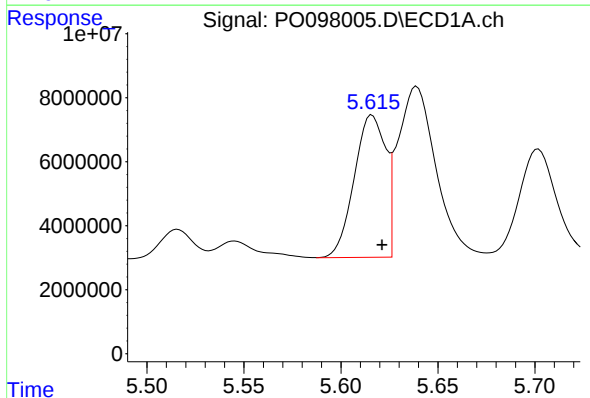
R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 33866230
Conc: 1084.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



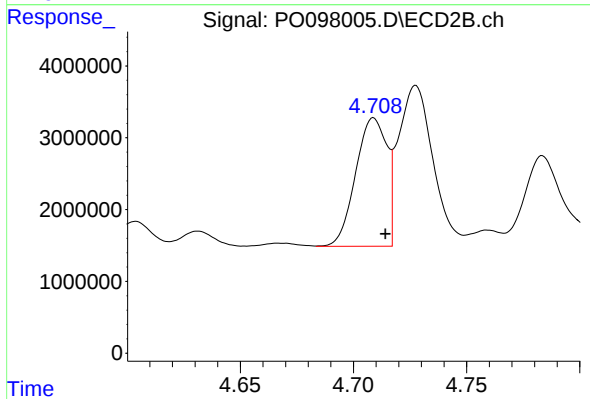
#15 AR-1232-5

R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 14307513
Conc: 1180.15 ng/ml



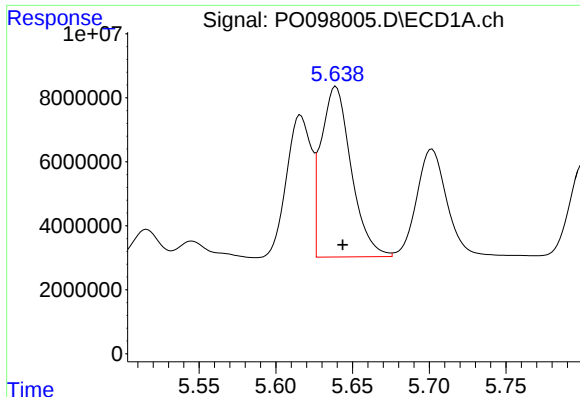
#16 AR-1242-1

R.T.: 5.616 min
Delta R.T.: -0.005 min
Response: 49984753
Conc: 536.65 ng/ml



#16 AR-1242-1

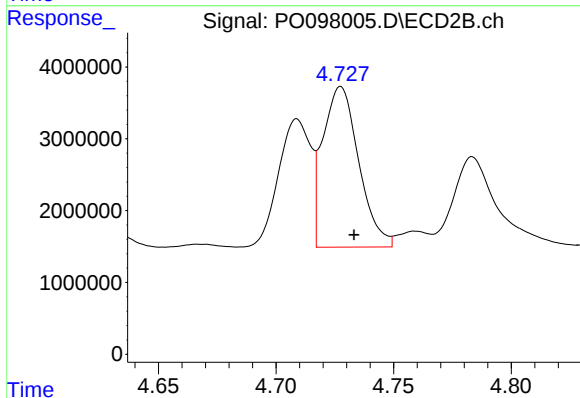
R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 17102088
Conc: 609.41 ng/ml



#17 AR-1242-2

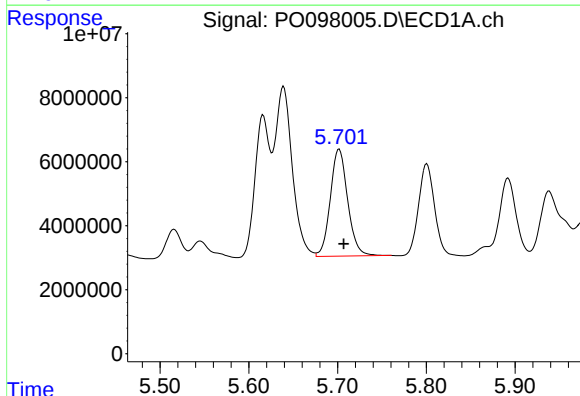
R.T.: 5.639 min
Delta R.T.: -0.004 min
Response: 72807363
Conc: 518.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



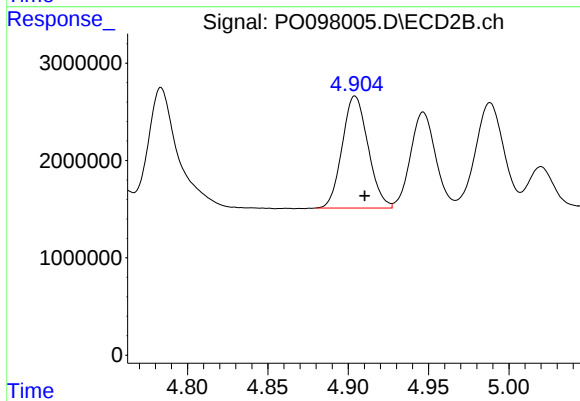
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: -0.006 min
Response: 23824610
Conc: 600.29 ng/ml



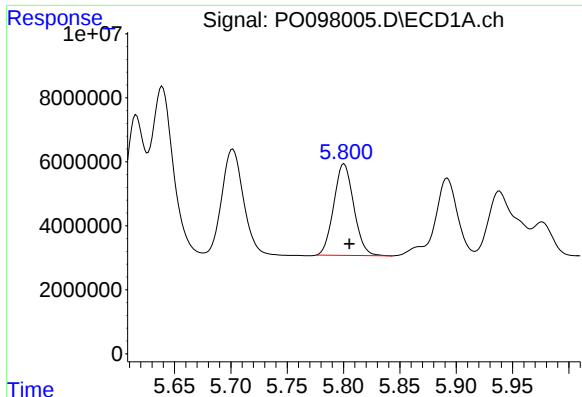
#18 AR-1242-3

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 45542437
Conc: 526.22 ng/ml



#18 AR-1242-3

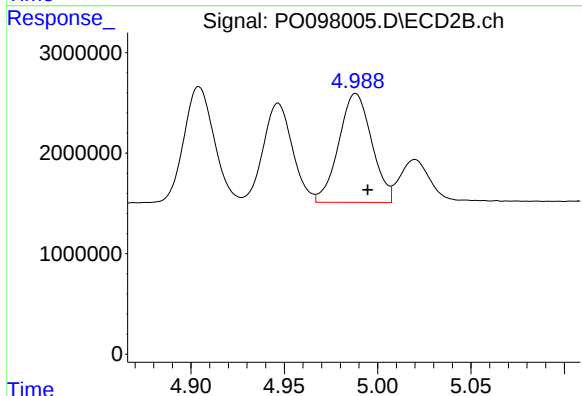
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 12901512
Conc: 610.52 ng/ml



#19 AR-1242-4

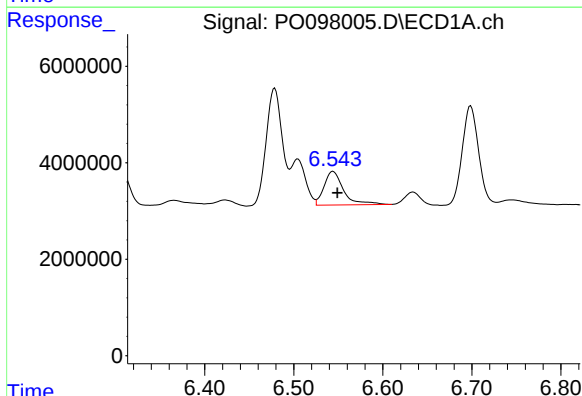
R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 35405007
Conc: 522.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



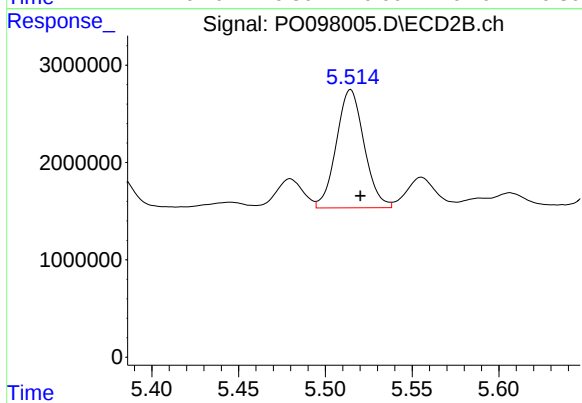
#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: -0.006 min
Response: 13335901
Conc: 581.88 ng/ml



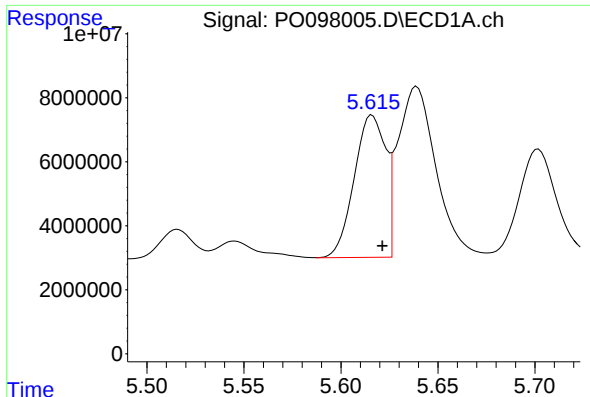
#20 AR-1242-5

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 10620541
Conc: 150.93 ng/ml



#20 AR-1242-5

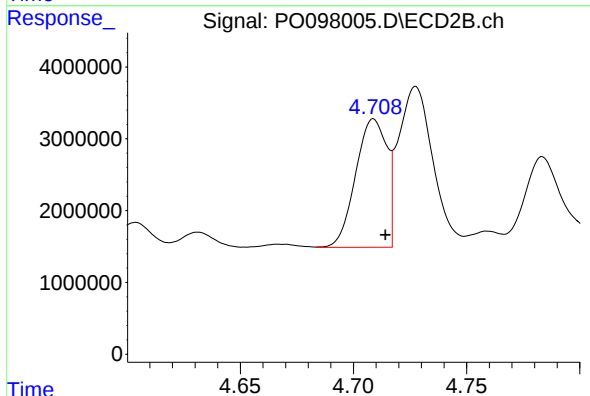
R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 13581673
Conc: 521.34 ng/ml



#21 AR-1248-1

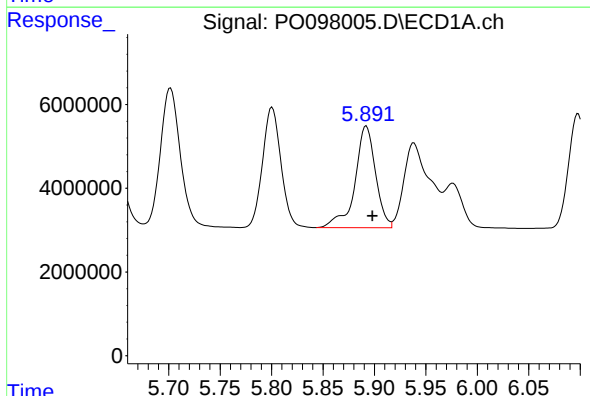
R.T.: 5.616 min
Delta R.T.: -0.005 min
Response: 49984753
Conc: 736.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



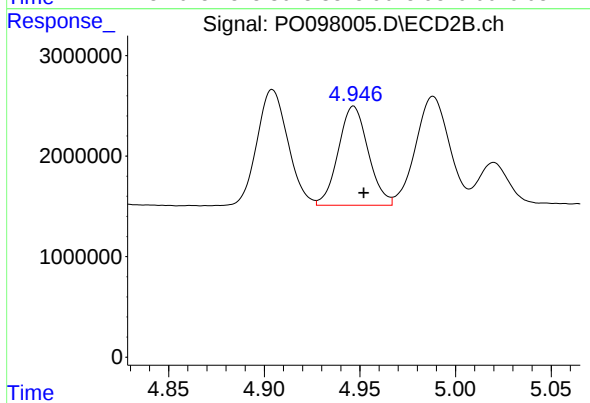
#21 AR-1248-1

R.T.: 4.709 min
Delta R.T.: -0.005 min
Response: 17102088
Conc: 832.52 ng/ml



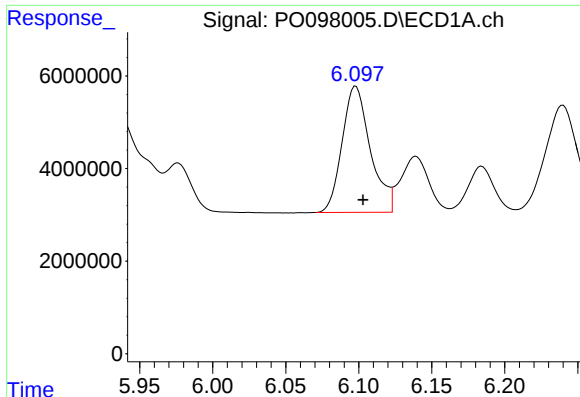
#22 AR-1248-2

R.T.: 5.892 min
Delta R.T.: -0.006 min
Response: 33866230
Conc: 313.16 ng/ml



#22 AR-1248-2

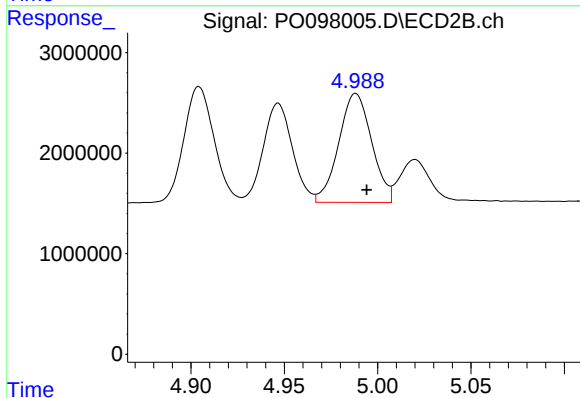
R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 10754483
Conc: 352.98 ng/ml



#23 AR-1248-3

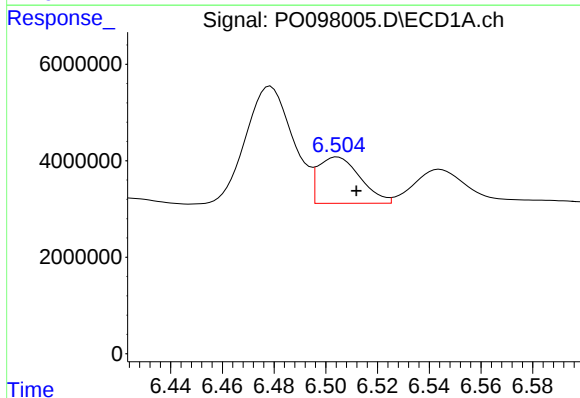
R.T.: 6.098 min
Delta R.T.: -0.005 min
Response: 36696364
Conc: 326.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



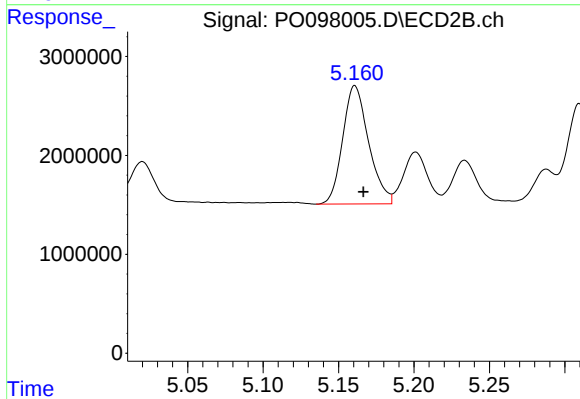
#23 AR-1248-3

R.T.: 4.988 min
Delta R.T.: -0.006 min
Response: 13335901
Conc: 418.75 ng/ml



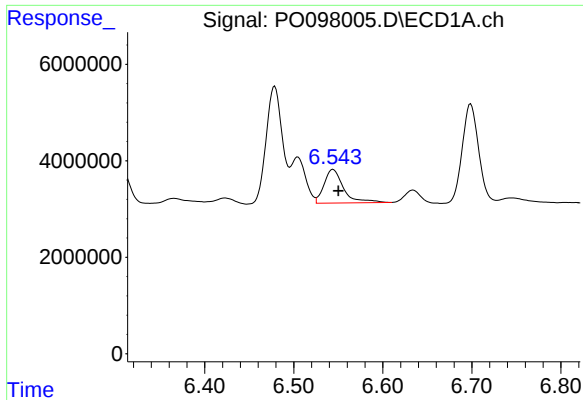
#24 AR-1248-4

R.T.: 6.505 min
Delta R.T.: -0.007 min
Response: 10872438
Conc: 105.17 ng/ml



#24 AR-1248-4

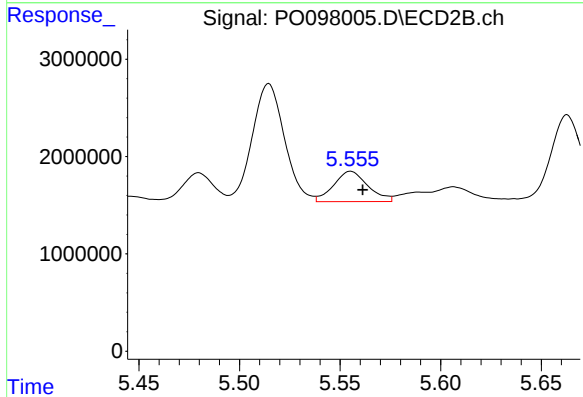
R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 14307513
Conc: 382.32 ng/ml



#25 AR-1248-5

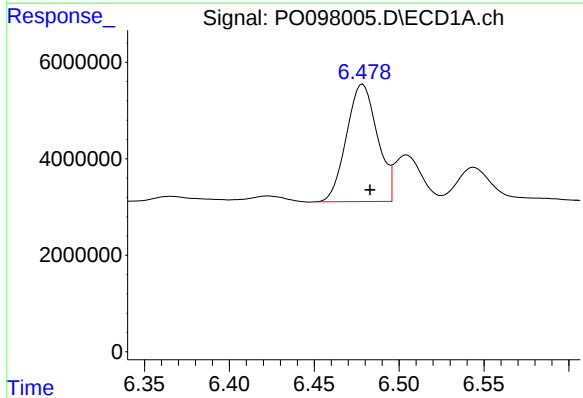
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 10620541
Conc: 95.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



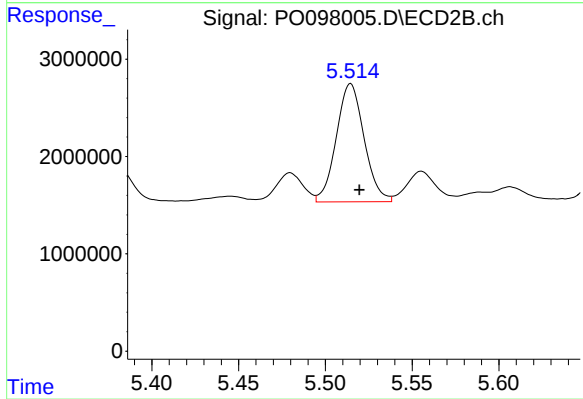
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.006 min
Response: 3702719
Conc: 111.12 ng/ml



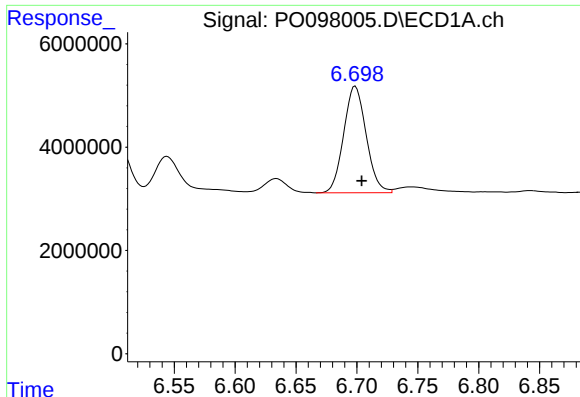
#26 AR-1254-1

R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 30742451
Conc: 250.76 ng/ml



#26 AR-1254-1

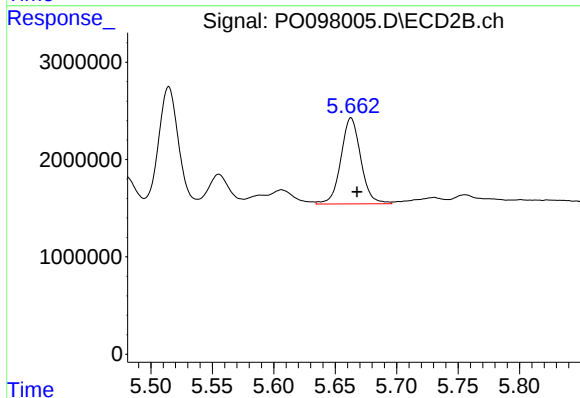
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 13581673
Conc: 249.83 ng/ml



#27 AR-1254-2

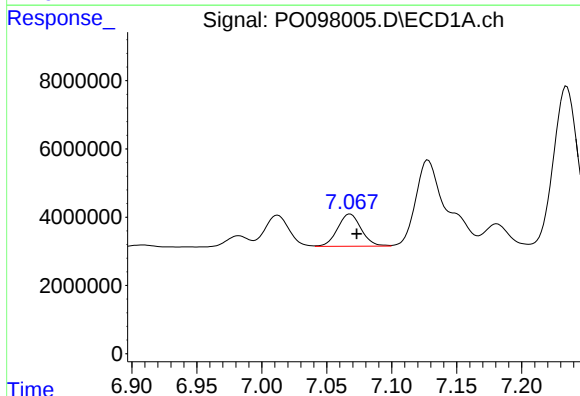
R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 26536656
Conc: 147.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



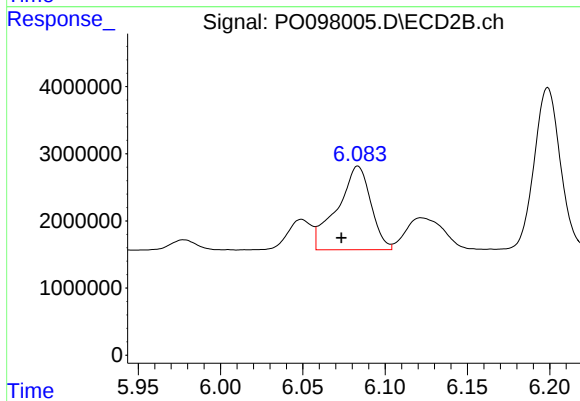
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.005 min
Response: 9972141
Conc: 207.09 ng/ml



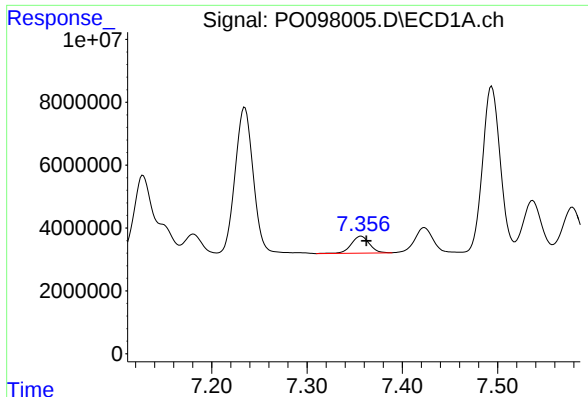
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 12028236
Conc: 67.92 ng/ml



#28 AR-1254-3

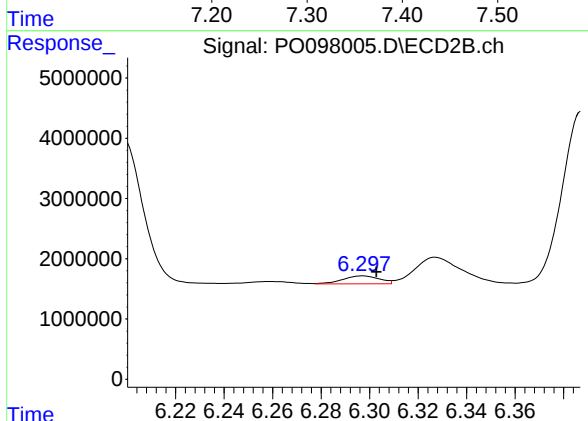
R.T.: 6.083 min
Delta R.T.: 0.010 min
Response: 17707552
Conc: 239.68 ng/ml



#29 AR-1254-4

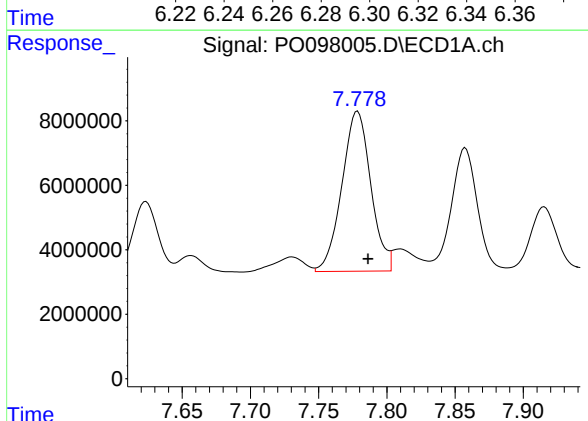
R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 7169406
Conc: 66.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



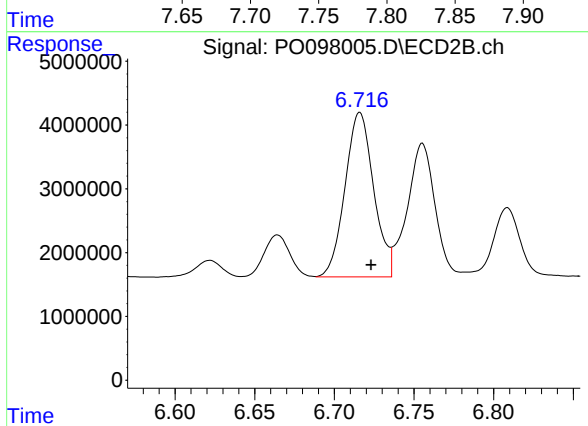
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: -0.006 min
Response: 1388883
Conc: 35.04 ng/ml



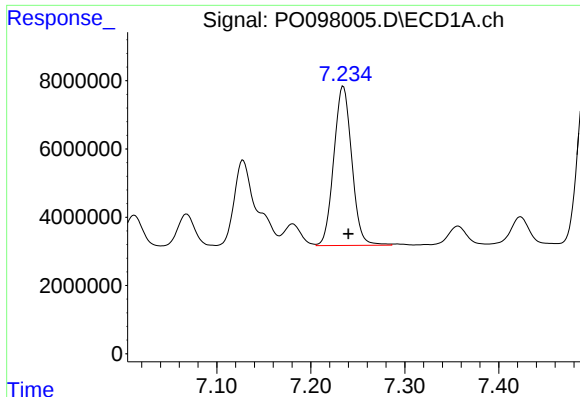
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: -0.008 min
Response: 73222302
Conc: 609.00 ng/ml



#30 AR-1254-5

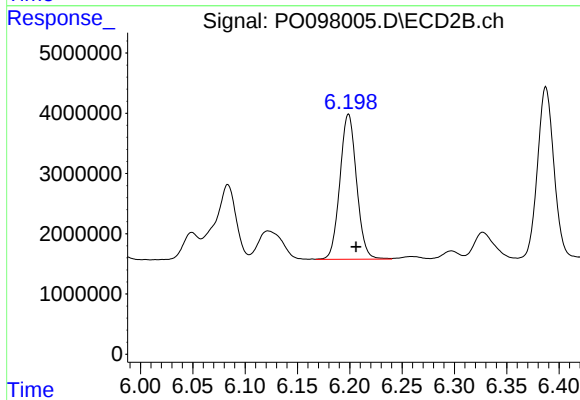
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 32266631
Conc: 523.89 ng/ml



#31 AR-1260-1

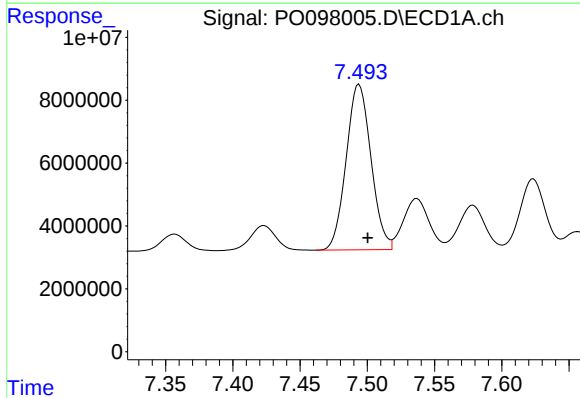
R.T.: 7.235 min
Delta R.T.: -0.005 min
Response: 62016325
Conc: 438.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



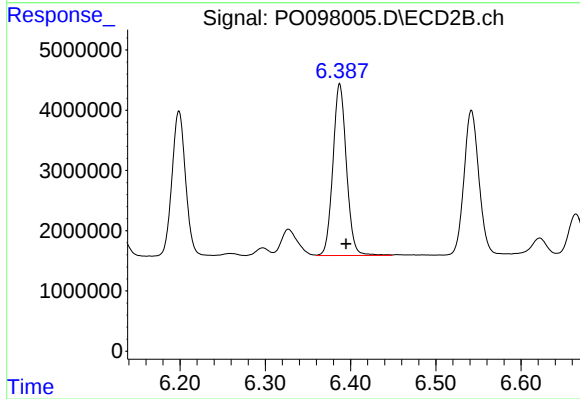
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.007 min
Response: 26689433
Conc: 501.64 ng/ml



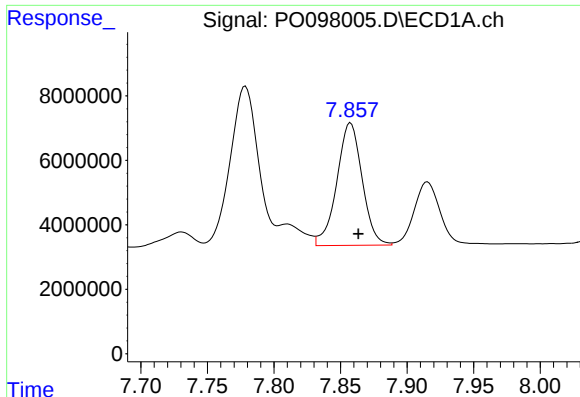
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: -0.007 min
Response: 67608012
Conc: 447.27 ng/ml



#32 AR-1260-2

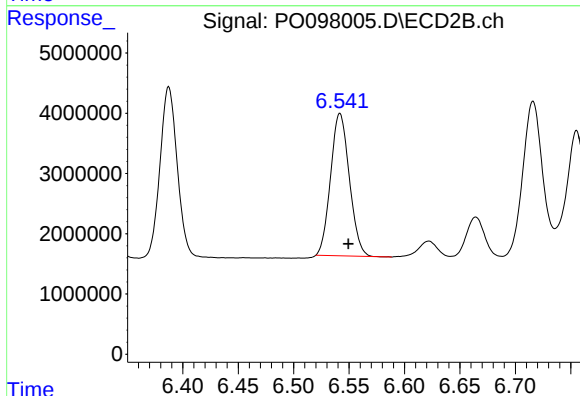
R.T.: 6.387 min
Delta R.T.: -0.007 min
Response: 31420193
Conc: 501.77 ng/ml



#33 AR-1260-3

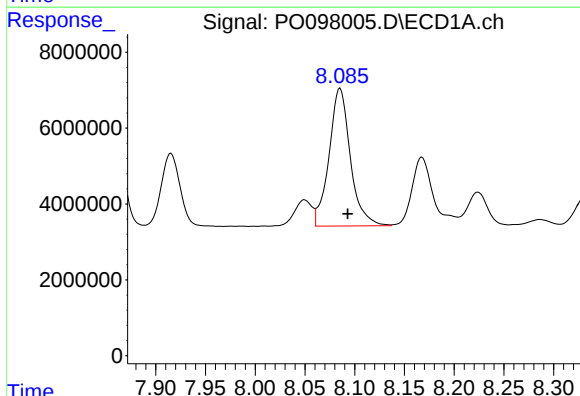
R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 50324469
Conc: 444.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



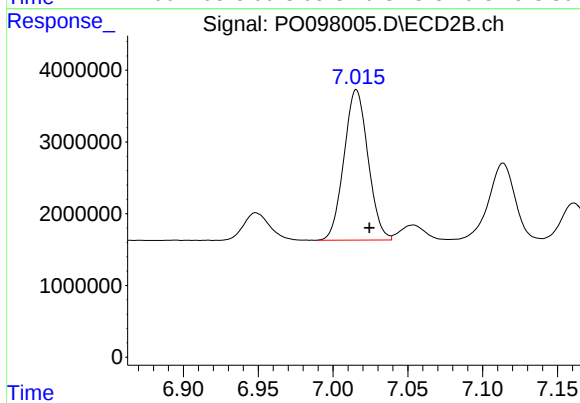
#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: -0.008 min
Response: 27884242
Conc: 483.56 ng/ml



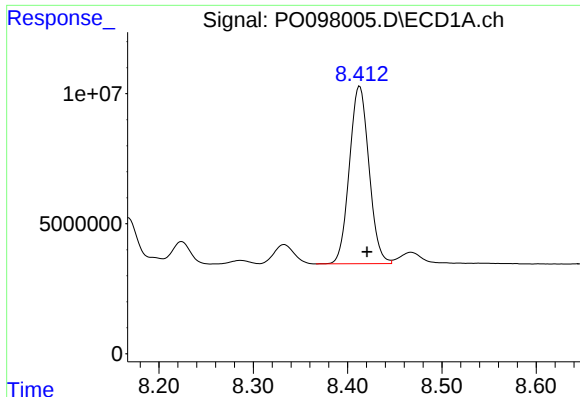
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: -0.008 min
Response: 54169571
Conc: 455.68 ng/ml



#34 AR-1260-4

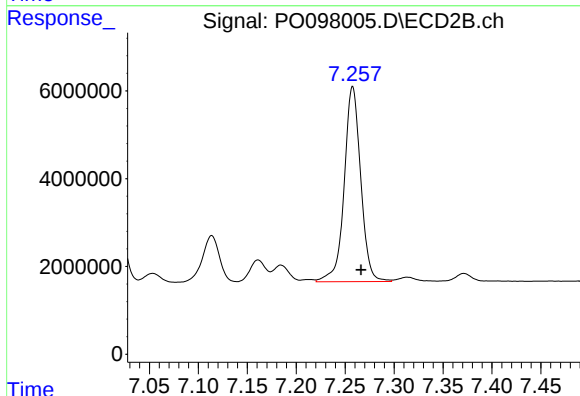
R.T.: 7.016 min
Delta R.T.: -0.009 min
Response: 23472497
Conc: 500.36 ng/ml



#35 AR-1260-5

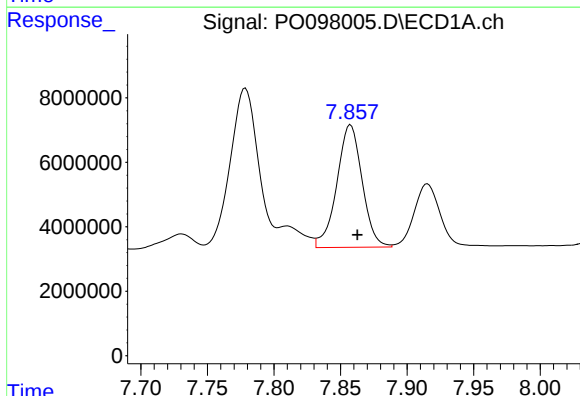
R.T.: 8.413 min
Delta R.T.: -0.008 min
Response: 98464472
Conc: 480.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



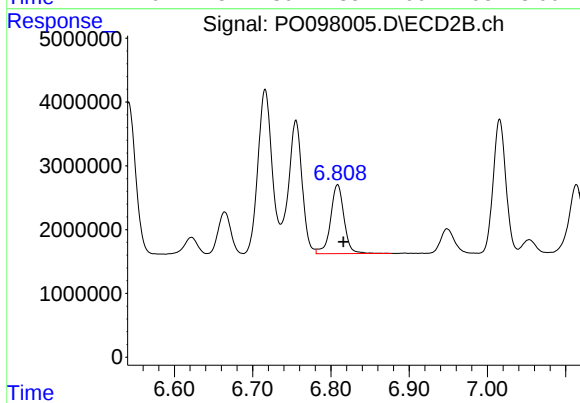
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.008 min
Response: 52197099
Conc: 526.57 ng/ml



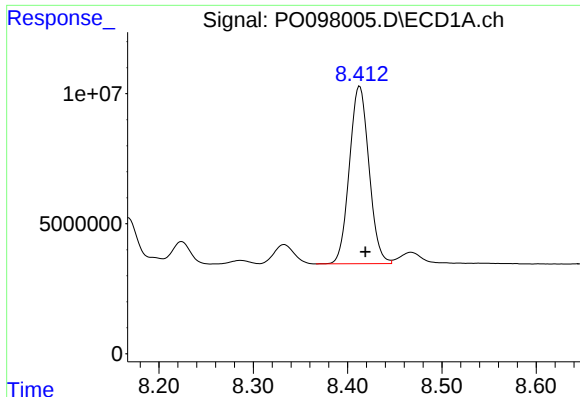
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: -0.005 min
Response: 50324469
Conc: 331.00 ng/ml



#36 AR-1262-1

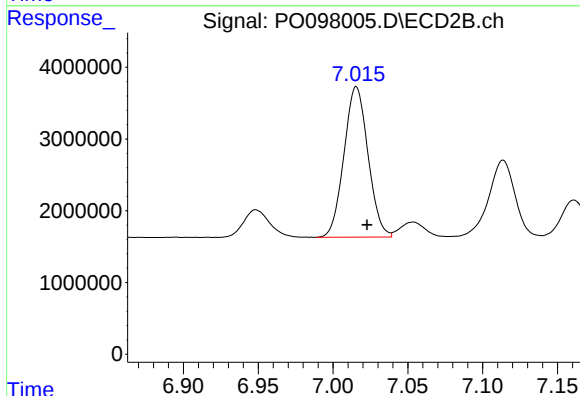
R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 12880970
Conc: 475.37 ng/ml



#37 AR-1262-2

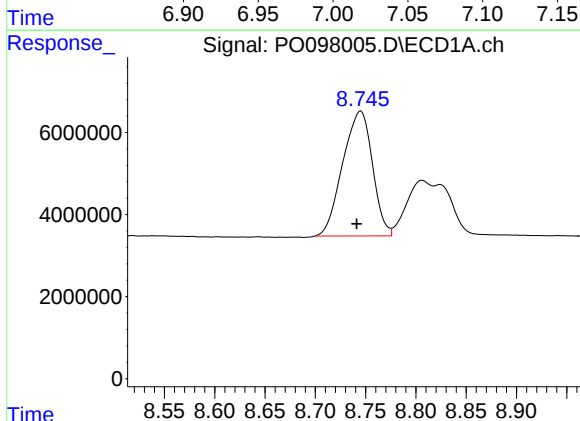
R.T.: 8.413 min
Delta R.T.: -0.006 min
Response: 98464472
Conc: 451.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



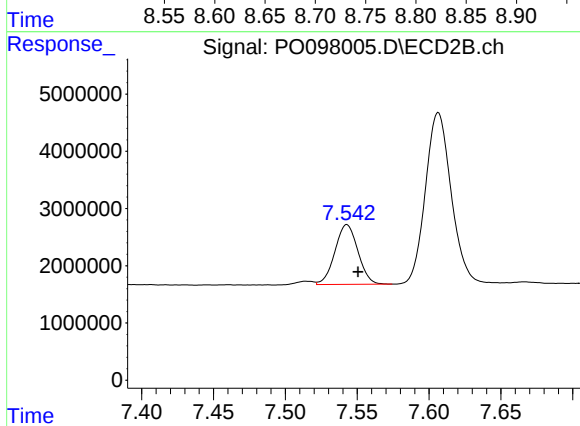
#37 AR-1262-2

R.T.: 7.016 min
Delta R.T.: -0.007 min
Response: 23472497
Conc: 402.78 ng/ml



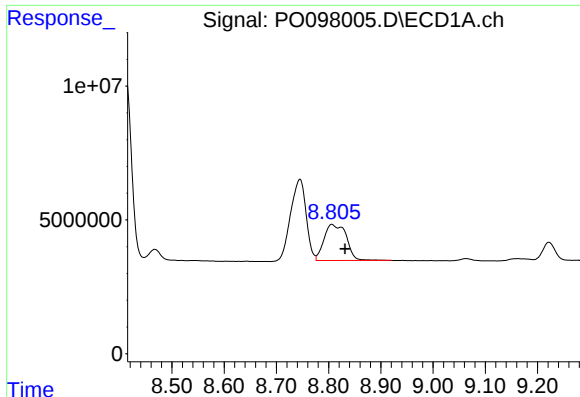
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 62527833
Conc: 404.15 ng/ml



#38 AR-1262-3

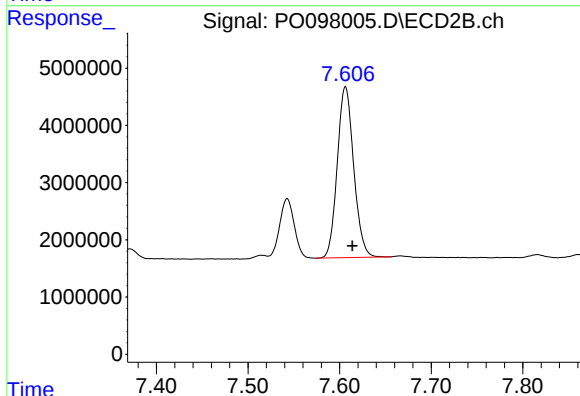
R.T.: 7.543 min
Delta R.T.: -0.008 min
Response: 11632856
Conc: 266.68 ng/ml



#39 AR-1262-4

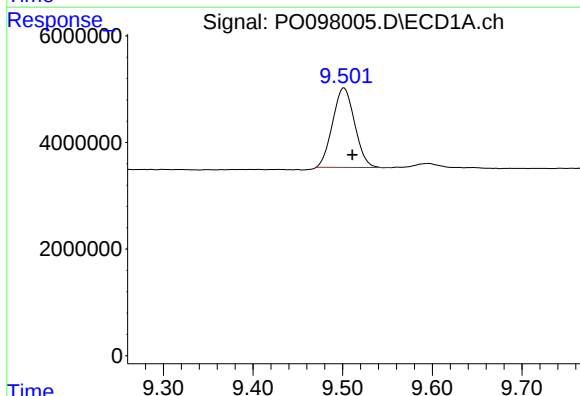
R.T.: 8.806 min
Delta R.T.: -0.026 min
Response: 40233737
Conc: 478.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



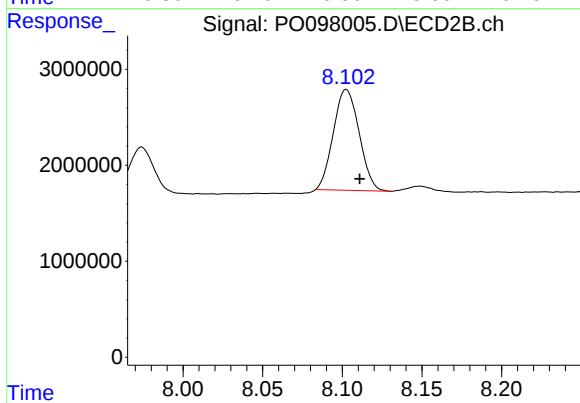
#39 AR-1262-4

R.T.: 7.606 min
Delta R.T.: -0.008 min
Response: 37192816
Conc: 488.82 ng/ml



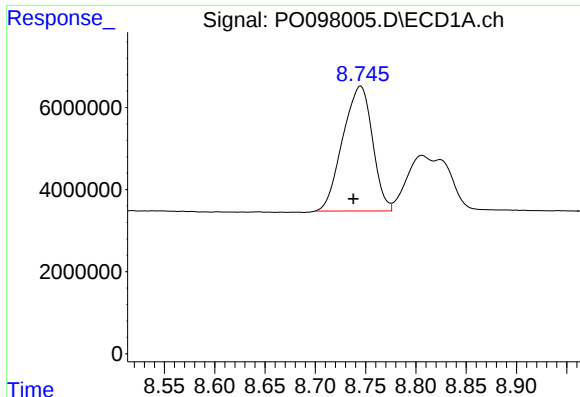
#40 AR-1262-5

R.T.: 9.502 min
Delta R.T.: -0.009 min
Response: 25417262
Conc: 352.68 ng/ml



#40 AR-1262-5

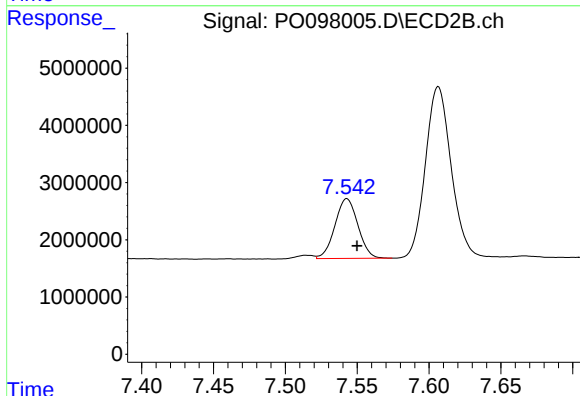
R.T.: 8.103 min
Delta R.T.: -0.008 min
Response: 11850139
Conc: 377.70 ng/ml



#41 AR-1268-1

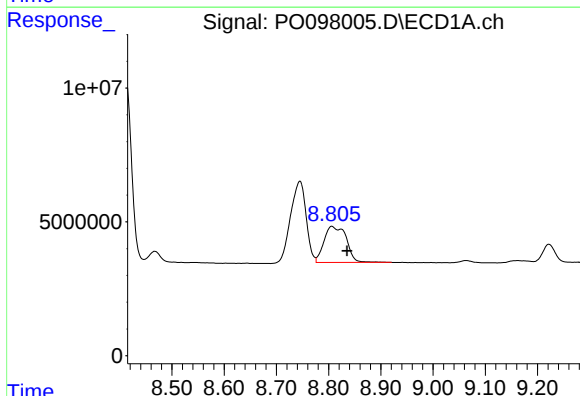
R.T.: 8.745 min
Delta R.T.: 0.008 min
Response: 62527833
Conc: 220.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



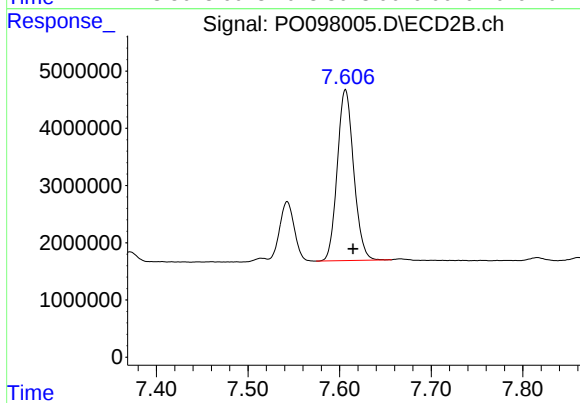
#41 AR-1268-1

R.T.: 7.543 min
Delta R.T.: -0.007 min
Response: 11632856
Conc: 88.36 ng/ml



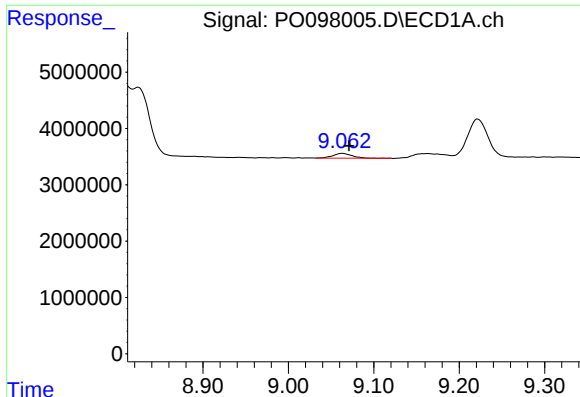
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.029 min
Response: 40233737
Conc: 157.52 ng/ml



#42 AR-1268-2

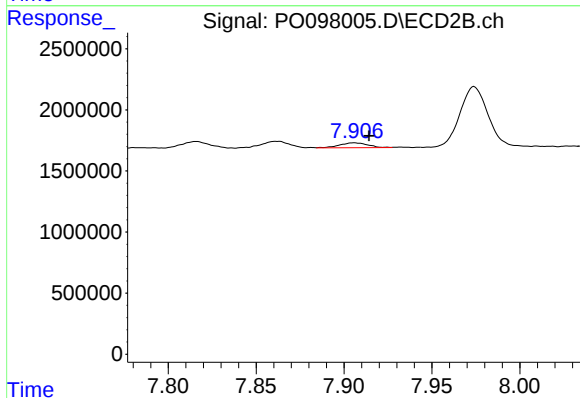
R.T.: 7.606 min
Delta R.T.: -0.008 min
Response: 37192816
Conc: 322.71 ng/ml



#43 AR-1268-3

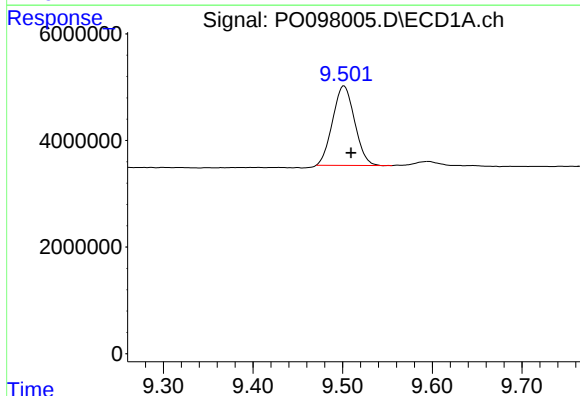
R.T.: 9.063 min
Delta R.T.: -0.008 min
Response: 1314473
Conc: 5.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



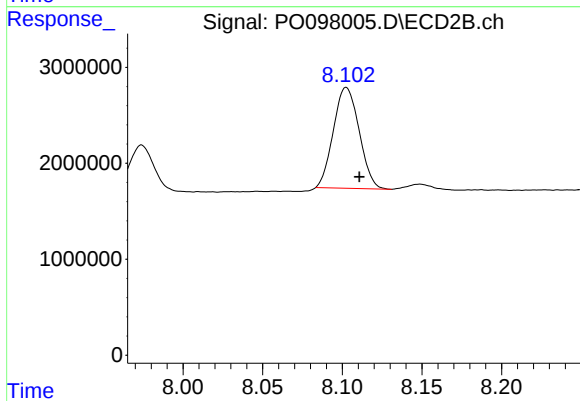
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: -0.009 min
Response: 453280
Conc: 16.40 ng/ml



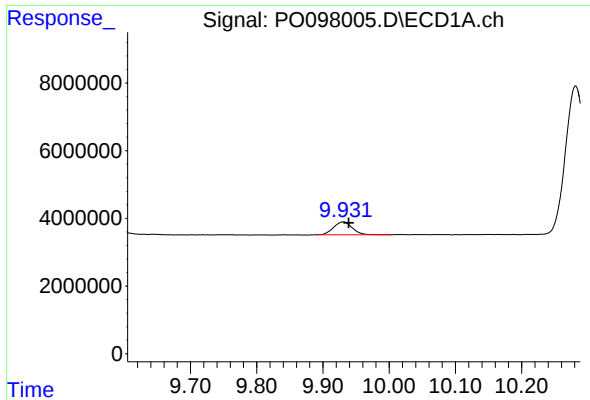
#44 AR-1268-4

R.T.: 9.502 min
Delta R.T.: -0.008 min
Response: 25417262
Conc: 311.03 ng/ml



#44 AR-1268-4

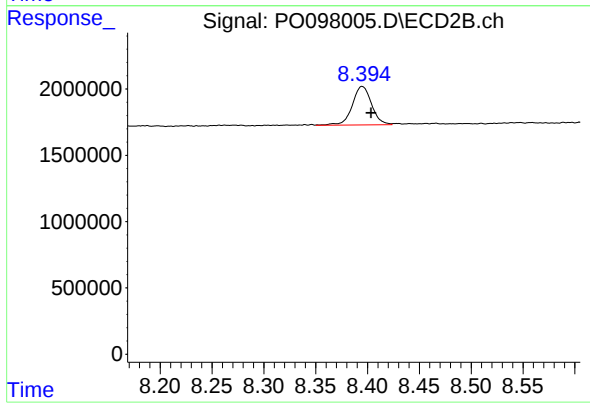
R.T.: 8.103 min
Delta R.T.: -0.008 min
Response: 11850139
Conc: 336.41 ng/ml



#45 AR-1268-5

R.T.: 9.931 min
Delta R.T.: -0.008 min
Response: 7529706
Conc: 11.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.395 min
Delta R.T.: -0.009 min
Response: 3743127
Conc: 11.94 ng/ml