

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122021\
 Data File : PO083886.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Dec 2021 20:38
 Operator : AJ\MA
 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: Dec 21 00:52:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 16 04:05:27 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.933	3.942	5113264	1544482	53.672	52.653
2)	SA Decachlor...	11.002	9.236	3749679	1542038	54.745	54.917
Target Compounds							
3)	L1 AR-1016-1	6.266	5.196	1741852	643040	547.316	522.610
4)	L1 AR-1016-2	6.289	5.215	2453740	901708	539.171	525.109
5)	L1 AR-1016-3	6.355	5.405	1490836	494307	548.086	543.080
6)	L1 AR-1016-4	6.464	5.459	1226682	414468	552.403	561.084
7)	L1 AR-1016-5	6.781	5.687	1183183	502879	557.184	554.627
8)	L2 AR-1221-1	5.183	4.198	170365	59720	168.949	172.691
9)	L2 AR-1221-2	5.288	4.297	229305	88625	320.917	337.639
10)	L2 AR-1221-3	5.376	4.386	924073	342650	402.312	401.770
11)	L3 AR-1232-1	5.376	4.386	924073	342650	474.627	460.683
12)	L3 AR-1232-2	5.968	5.215	1308453	901708	1284.974	1258.533
13)	L3 AR-1232-3	6.289	5.405	2453740	494307	1343.534	1335.236
14)	L3 AR-1232-4	6.464	5.503	1226682	484010	1366.341	1489.735
15)	L3 AR-1232-5	6.562	5.687	992910	502879	1644.037	1439.079
16)	L4 AR-1242-1	6.266	5.196	1741852	643040	731.221	680.324
17)	L4 AR-1242-2	6.289	5.215	2453740	901708	720.561	688.126
18)	L4 AR-1242-3	6.355	5.405	1490836	494307	728.439	703.762
19)	L4 AR-1242-4	6.464	5.503	1226682	484010	734.431	736.947
20)	L4 AR-1242-5	7.253	6.066	160521	395484	92.618	450.226 #
21)	L5 AR-1248-1	6.266	5.196	1741852	643040	997.924	923.788
22)	L5 AR-1248-2	6.562	5.459	992910	414468	429.894	415.376
23)	L5 AR-1248-3	6.781	5.503	1183183	484010	438.380	482.735
24)	L5 AR-1248-4	7.212	5.687	206339	502879	70.077	433.695 #
25)	L5 AR-1248-5	7.253	6.110	160521	62594	56.534	53.594
26)	L6 AR-1254-1	7.180	6.066	801785	395484	260.306	215.525
27)	L6 AR-1254-2	7.411	6.227	855378	361361	184.322	227.521
28)	L6 AR-1254-3	7.797	6.664f	456081	692012	97.811	288.905 #
29)	L6 AR-1254-4	8.093	6.887	296979	99547	86.879	59.247 #
30)	L6 AR-1254-5	8.524	7.316	2546294	1224231	714.242	576.572
31)	L7 AR-1260-1	7.963	6.783	1896394	908836	585.269	542.236
32)	L7 AR-1260-2	8.230	6.983	2195328	1182983	566.774	572.926
33)	L7 AR-1260-3	8.597	7.136	1615900	1025648	545.477	579.374
34)	L7 AR-1260-4	8.830	7.619	1830762	853202	535.212	579.050
35)	L7 AR-1260-5	9.161	7.869	3566600	2103256	529.357	543.468
36)	L8 AR-1262-1	8.597	7.316	1615900	1224231	400.647	1112.591 #
37)	L8 AR-1262-2	9.161	7.869	3566600	2103256	509.738	511.788
38)	L8 AR-1262-3	9.473	8.155	765472	499532	244.654	289.306
39)	L8 AR-1262-4	9.550f	8.218	1488094	1478718	748.162	499.154 #
40)	L8 AR-1262-5	10.247	8.719	1066975	540144	396.827	388.511
41)	L9 AR-1268-1	9.473	8.155	765472	499532	84.777	92.779

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 Acq On : 20 Dec 2021 20:38
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

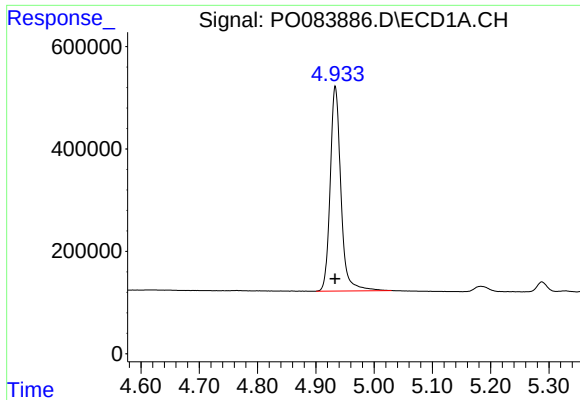
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:52:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121521.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	9.550f	8.218	1488094	1478718	177.280	321.746 #
43) L9	AR-1268-3	9.797	8.426	51757	28832	7.214	7.254
44) L9	AR-1268-4	10.247	8.719	1066975	540144	342.640	329.372
45) L9	AR-1268-5	10.666	8.996	314210	143660	12.696	12.213

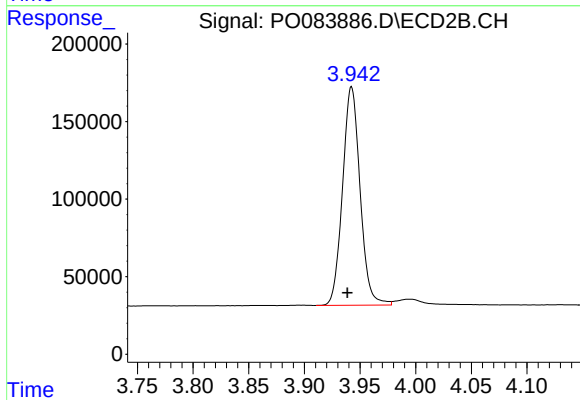
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

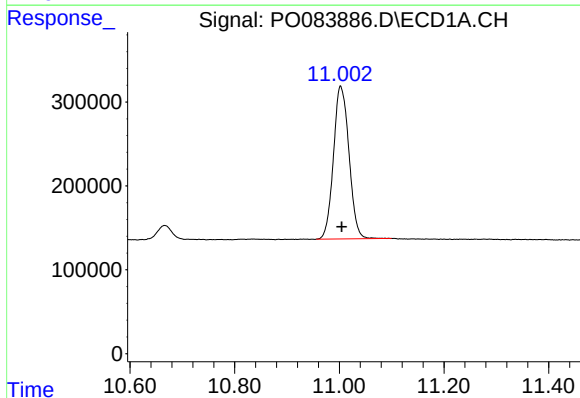
R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 5113264
Conc: 53.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



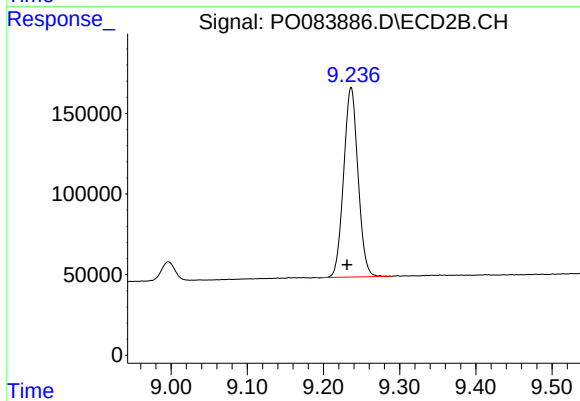
#1 Tetrachloro-m-xylene

R.T.: 3.942 min
Delta R.T.: 0.004 min
Response: 1544482
Conc: 52.65 ng/ml



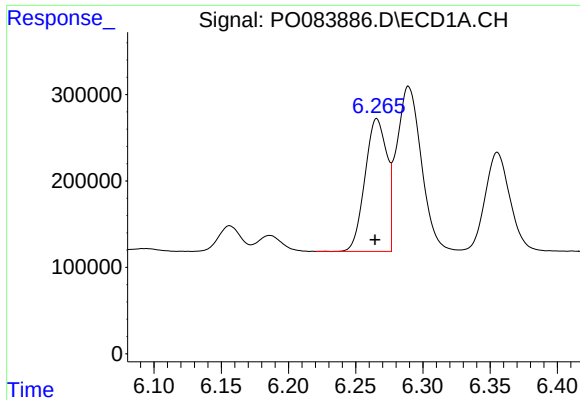
#2 Decachlorobiphenyl

R.T.: 11.002 min
Delta R.T.: -0.003 min
Response: 3749679
Conc: 54.74 ng/ml



#2 Decachlorobiphenyl

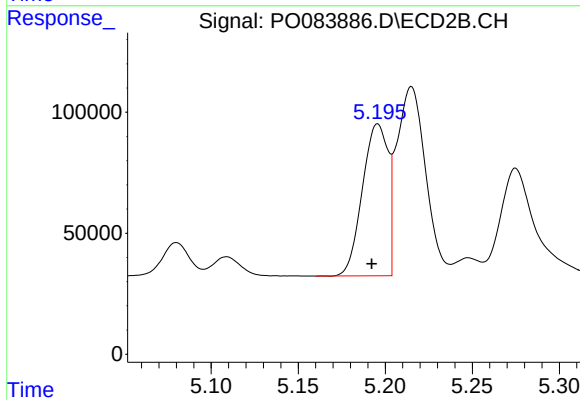
R.T.: 9.236 min
Delta R.T.: 0.005 min
Response: 1542038
Conc: 54.92 ng/ml



#3 AR-1016-1

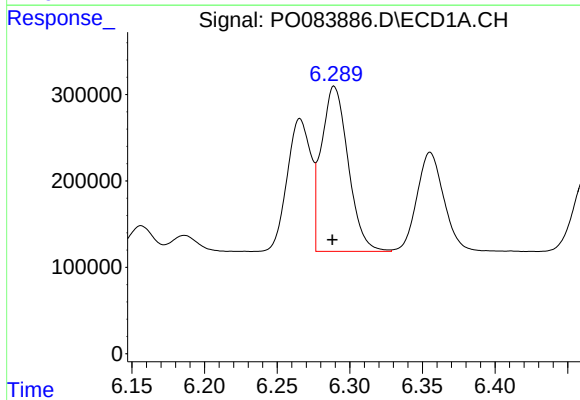
R.T.: 6.266 min
Delta R.T.: 0.001 min
Response: 1741852
Conc: 547.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



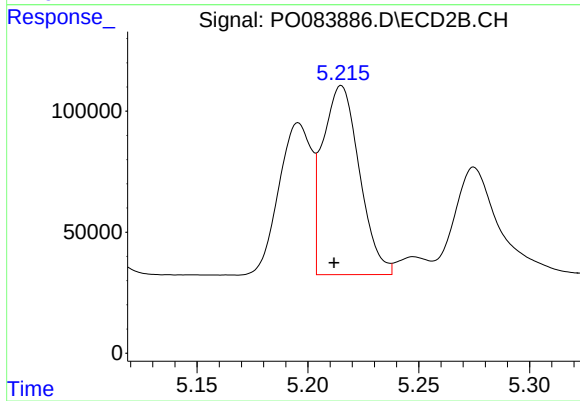
#3 AR-1016-1

R.T.: 5.196 min
Delta R.T.: 0.003 min
Response: 643040
Conc: 522.61 ng/ml



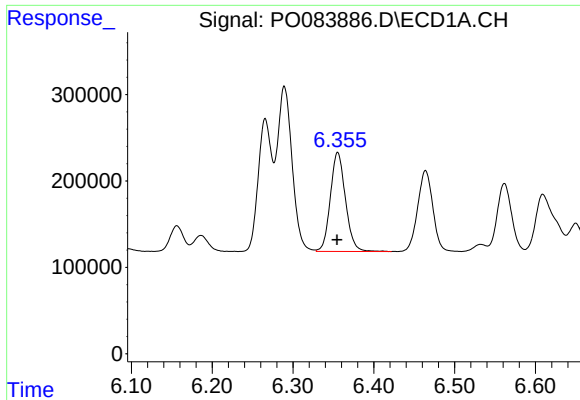
#4 AR-1016-2

R.T.: 6.289 min
Delta R.T.: 0.001 min
Response: 2453740
Conc: 539.17 ng/ml



#4 AR-1016-2

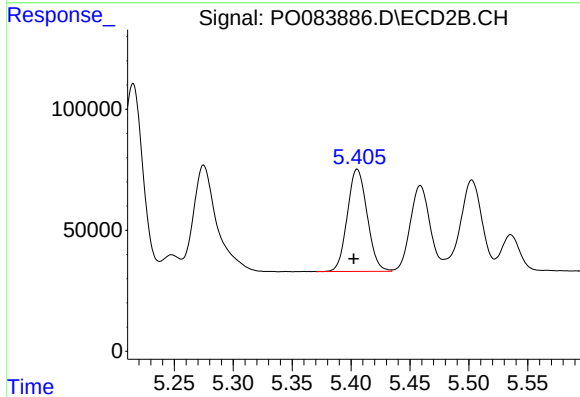
R.T.: 5.215 min
Delta R.T.: 0.003 min
Response: 901708
Conc: 525.11 ng/ml



#5 AR-1016-3

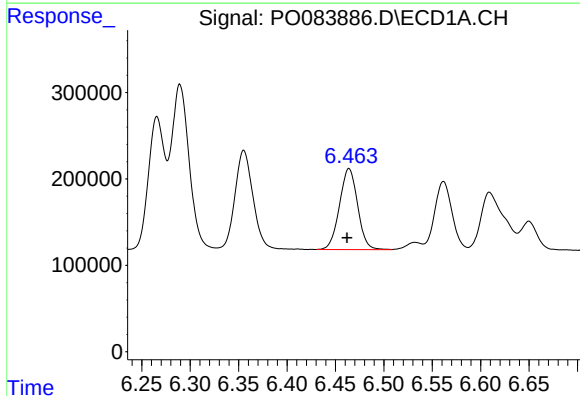
R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 1490836
Conc: 548.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



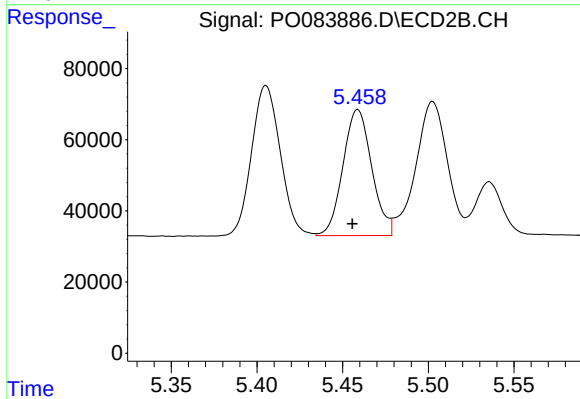
#5 AR-1016-3

R.T.: 5.405 min
Delta R.T.: 0.003 min
Response: 494307
Conc: 543.08 ng/ml



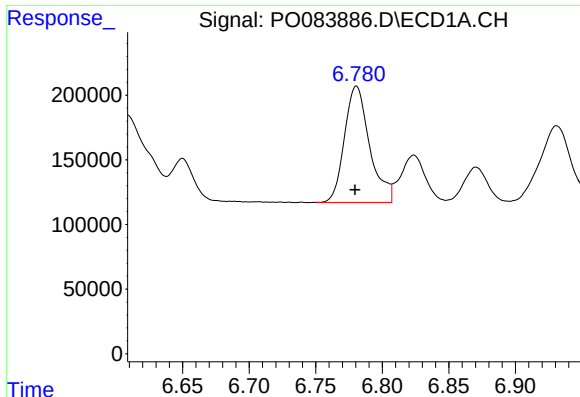
#6 AR-1016-4

R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 1226682
Conc: 552.40 ng/ml



#6 AR-1016-4

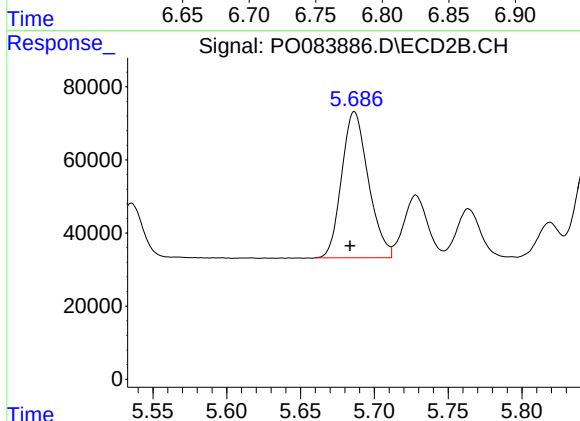
R.T.: 5.459 min
Delta R.T.: 0.003 min
Response: 414468
Conc: 561.08 ng/ml



#7 AR-1016-5

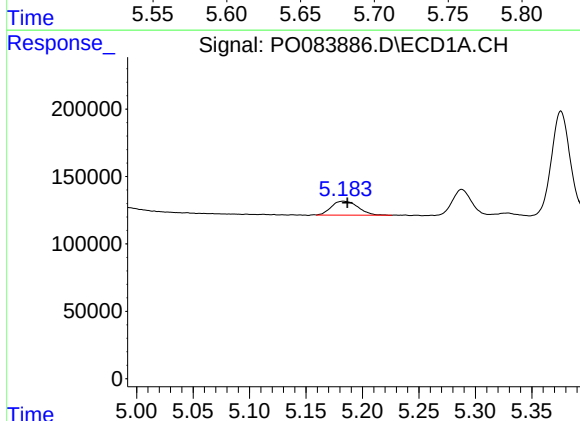
R.T.: 6.781 min
Delta R.T.: 0.001 min
Response: 1183183
Conc: 557.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



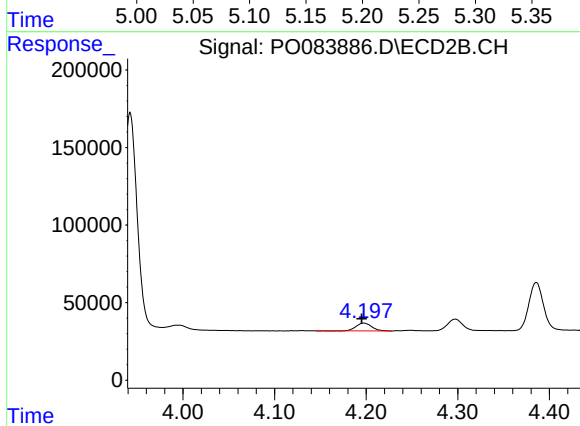
#7 AR-1016-5

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 502879
Conc: 554.63 ng/ml



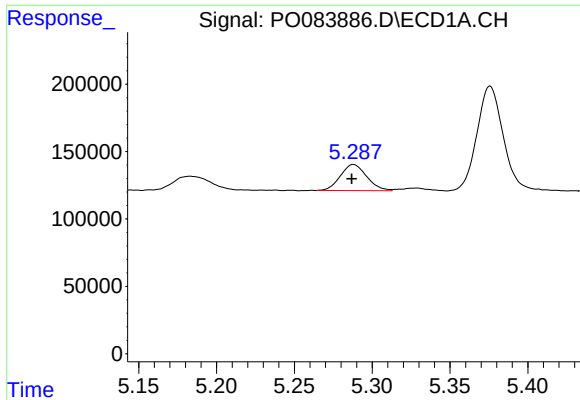
#8 AR-1221-1

R.T.: 5.183 min
Delta R.T.: -0.004 min
Response: 170365
Conc: 168.95 ng/ml



#8 AR-1221-1

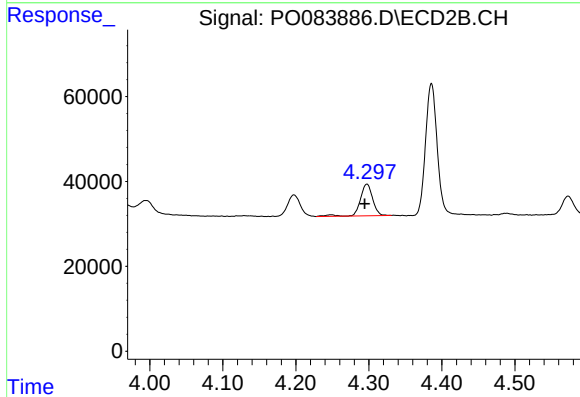
R.T.: 4.198 min
Delta R.T.: 0.002 min
Response: 59720
Conc: 172.69 ng/ml



#9 AR-1221-2

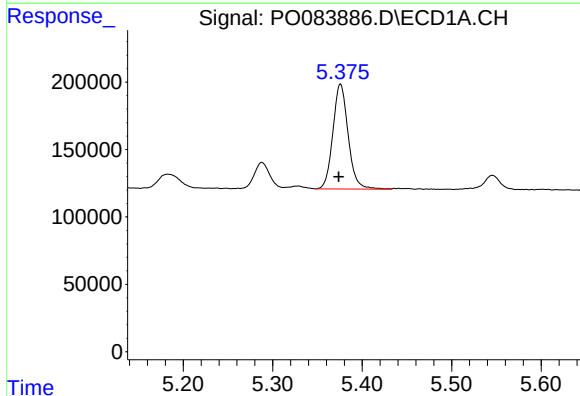
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 229305
Conc: 320.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



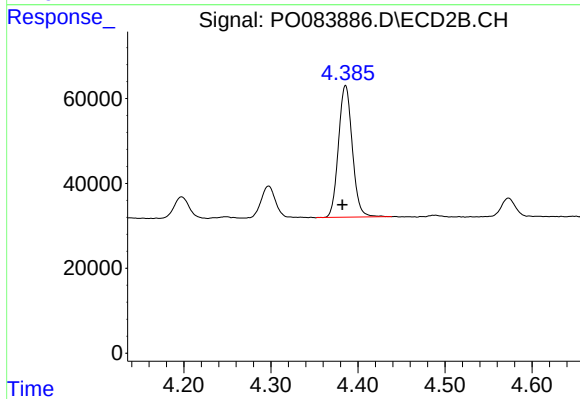
#9 AR-1221-2

R.T.: 4.297 min
Delta R.T.: 0.003 min
Response: 88625
Conc: 337.64 ng/ml



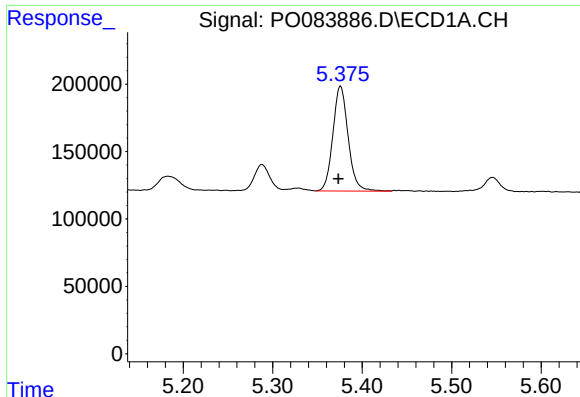
#10 AR-1221-3

R.T.: 5.376 min
Delta R.T.: 0.002 min
Response: 924073
Conc: 402.31 ng/ml



#10 AR-1221-3

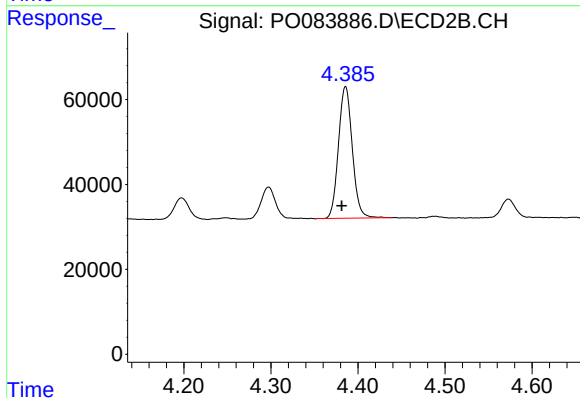
R.T.: 4.386 min
Delta R.T.: 0.003 min
Response: 342650
Conc: 401.77 ng/ml



#11 AR-1232-1

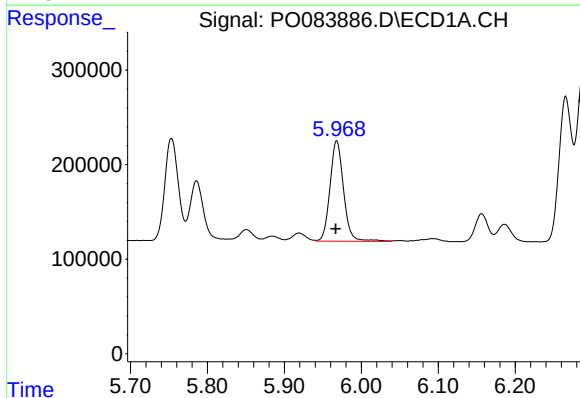
R.T.: 5.376 min
Delta R.T.: 0.002 min
Response: 924073
Conc: 474.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



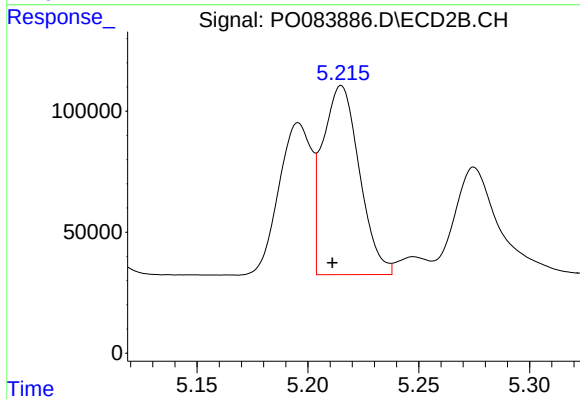
#11 AR-1232-1

R.T.: 4.386 min
Delta R.T.: 0.004 min
Response: 342650
Conc: 460.68 ng/ml



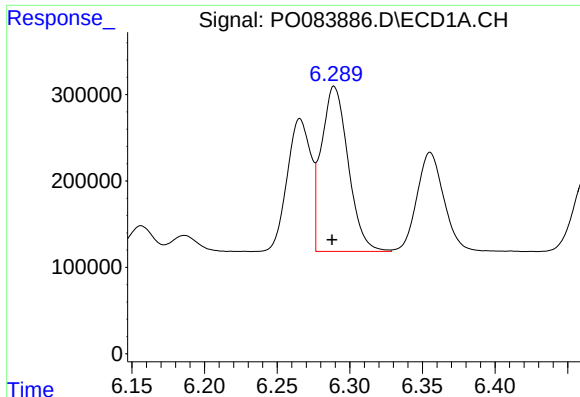
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: 0.001 min
Response: 1308453
Conc: 1284.97 ng/ml



#12 AR-1232-2

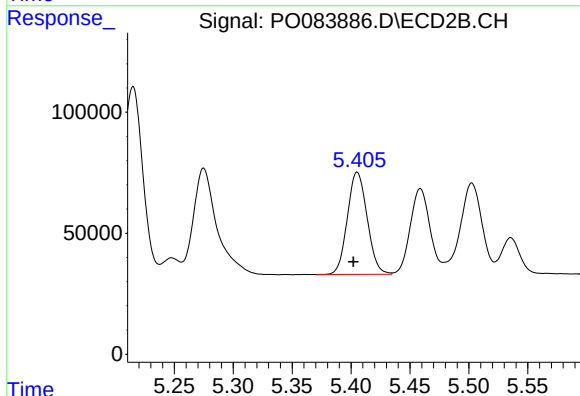
R.T.: 5.215 min
Delta R.T.: 0.004 min
Response: 901708
Conc: 1258.53 ng/ml



#13 AR-1232-3

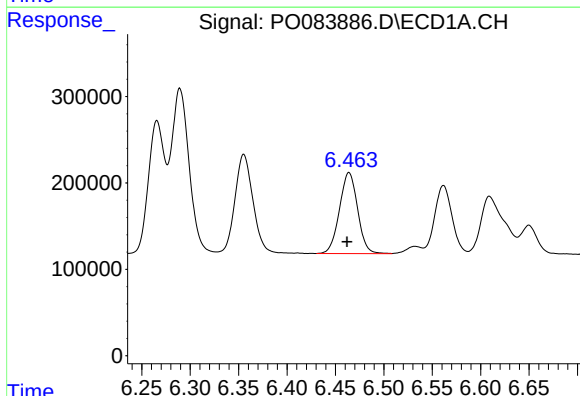
R.T.: 6.289 min
Delta R.T.: 0.002 min
Response: 2453740
Conc: 1343.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



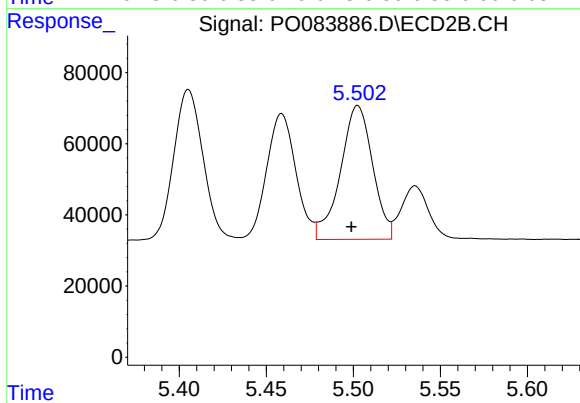
#13 AR-1232-3

R.T.: 5.405 min
Delta R.T.: 0.003 min
Response: 494307
Conc: 1335.24 ng/ml



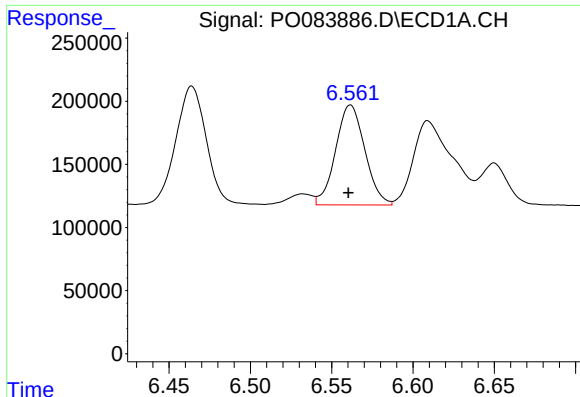
#14 AR-1232-4

R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 1226682
Conc: 1366.34 ng/ml



#14 AR-1232-4

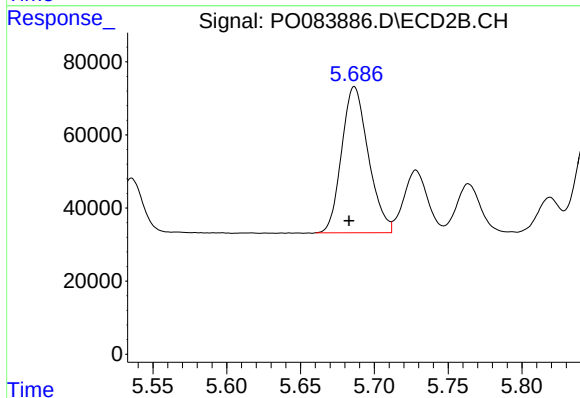
R.T.: 5.503 min
Delta R.T.: 0.004 min
Response: 484010
Conc: 1489.74 ng/ml



#15 AR-1232-5

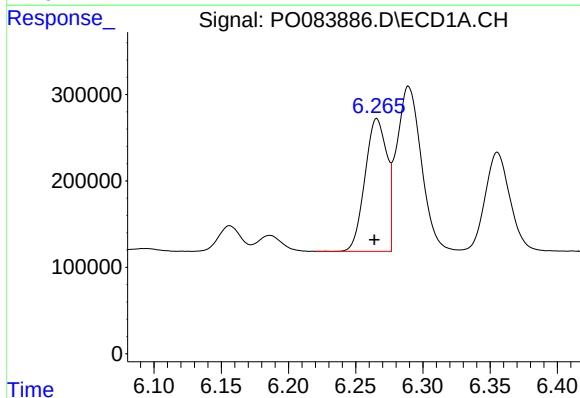
R.T.: 6.562 min
Delta R.T.: 0.001 min
Response: 992910
Conc: 1644.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



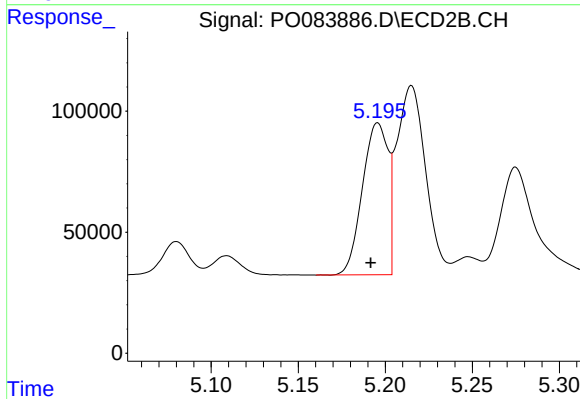
#15 AR-1232-5

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 502879
Conc: 1439.08 ng/ml



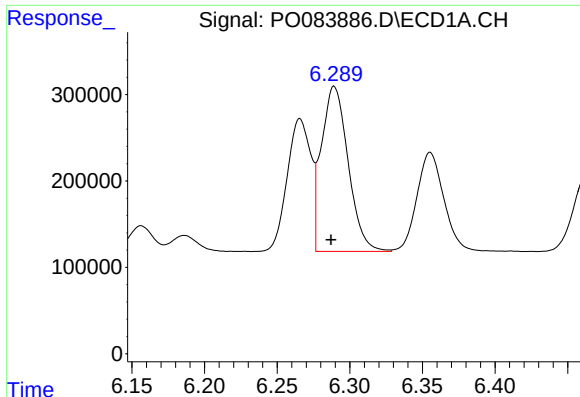
#16 AR-1242-1

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 1741852
Conc: 731.22 ng/ml



#16 AR-1242-1

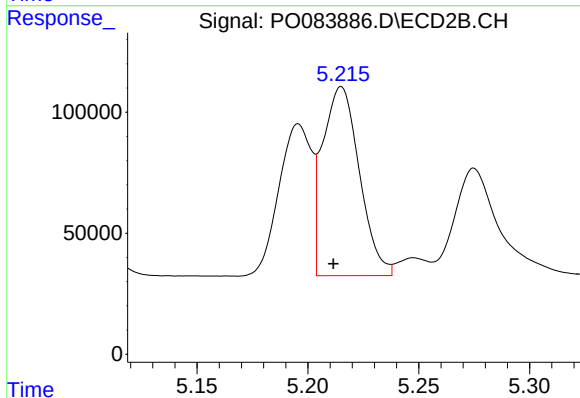
R.T.: 5.196 min
Delta R.T.: 0.004 min
Response: 643040
Conc: 680.32 ng/ml



#17 AR-1242-2

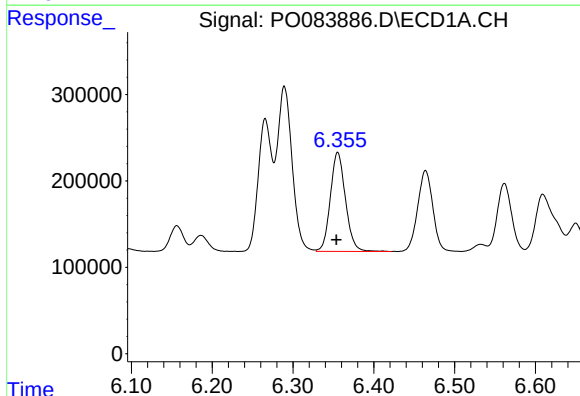
R.T.: 6.289 min
Delta R.T.: 0.002 min
Response: 2453740
Conc: 720.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



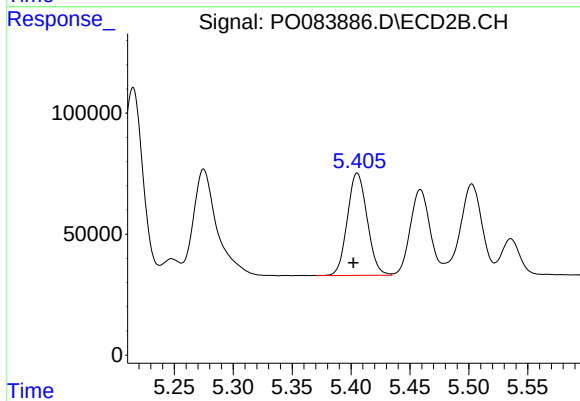
#17 AR-1242-2

R.T.: 5.215 min
Delta R.T.: 0.003 min
Response: 901708
Conc: 688.13 ng/ml



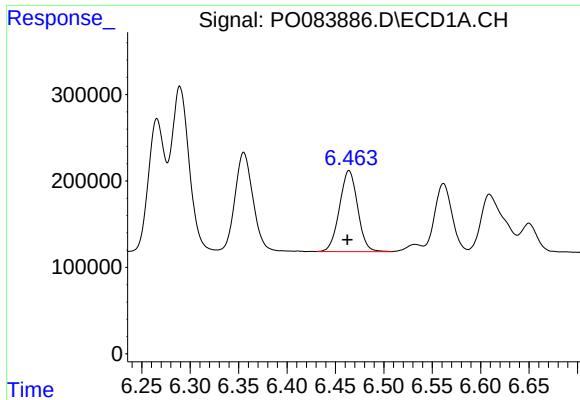
#18 AR-1242-3

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 1490836
Conc: 728.44 ng/ml



#18 AR-1242-3

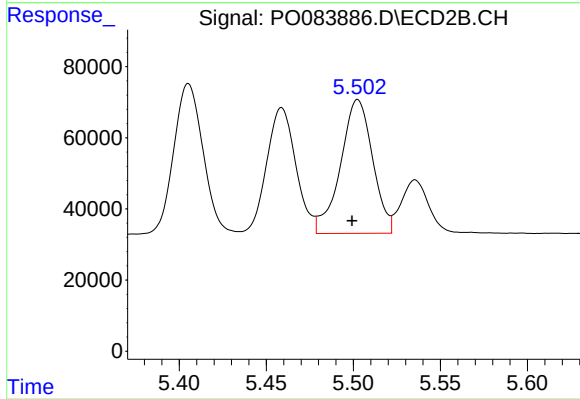
R.T.: 5.405 min
Delta R.T.: 0.003 min
Response: 494307
Conc: 703.76 ng/ml



#19 AR-1242-4

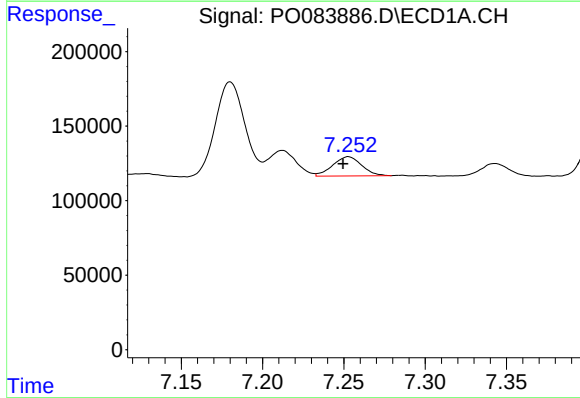
R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 1226682
Conc: 734.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



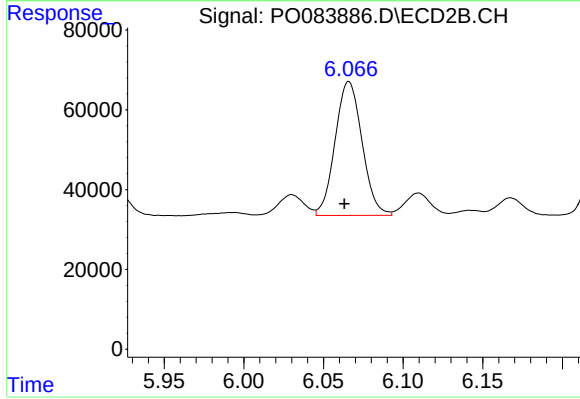
#19 AR-1242-4

R.T.: 5.503 min
Delta R.T.: 0.003 min
Response: 484010
Conc: 736.95 ng/ml



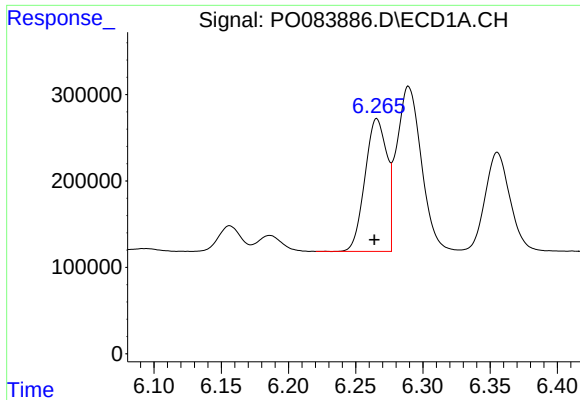
#20 AR-1242-5

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 160521
Conc: 92.62 ng/ml



#20 AR-1242-5

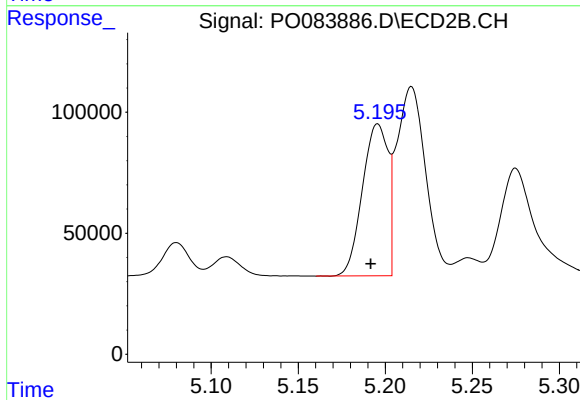
R.T.: 6.066 min
Delta R.T.: 0.003 min
Response: 395484
Conc: 450.23 ng/ml



#21 AR-1248-1

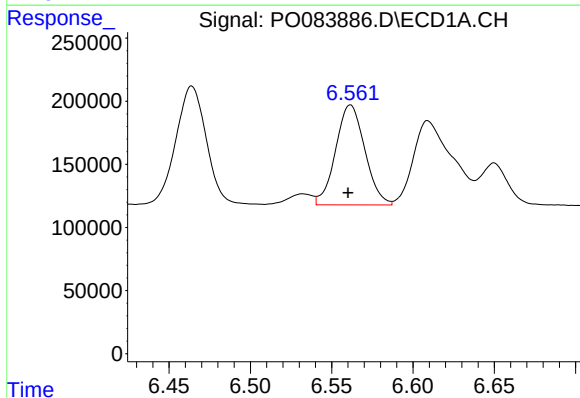
R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 1741852
Conc: 997.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



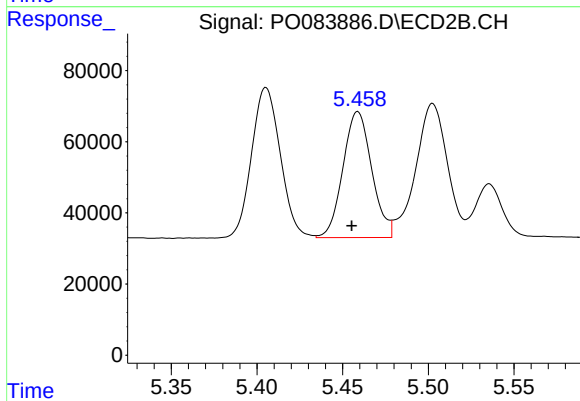
#21 AR-1248-1

R.T.: 5.196 min
Delta R.T.: 0.004 min
Response: 643040
Conc: 923.79 ng/ml



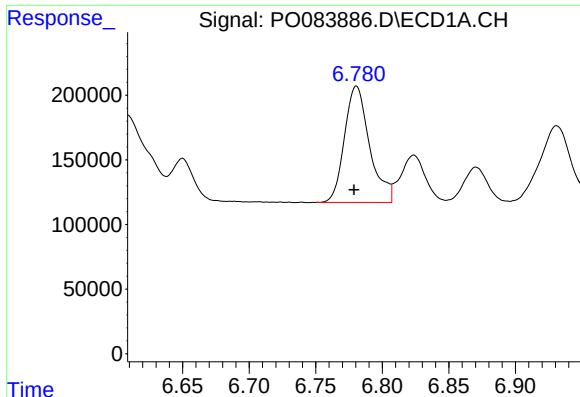
#22 AR-1248-2

R.T.: 6.562 min
Delta R.T.: 0.001 min
Response: 992910
Conc: 429.89 ng/ml



#22 AR-1248-2

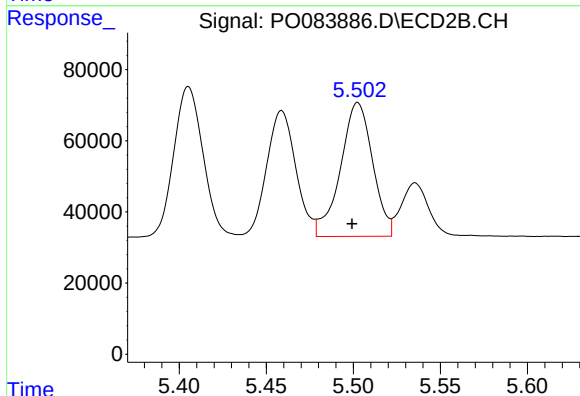
R.T.: 5.459 min
Delta R.T.: 0.004 min
Response: 414468
Conc: 415.38 ng/ml



#23 AR-1248-3

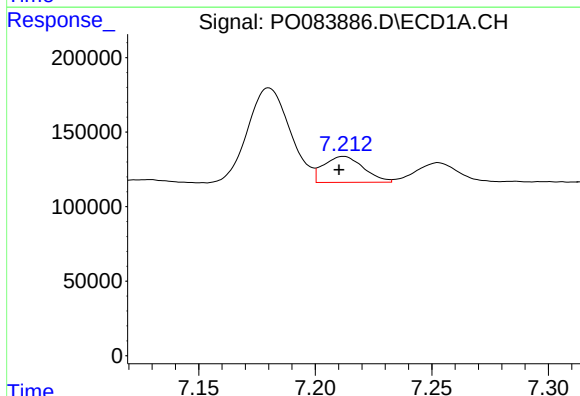
R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 1183183
Conc: 438.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



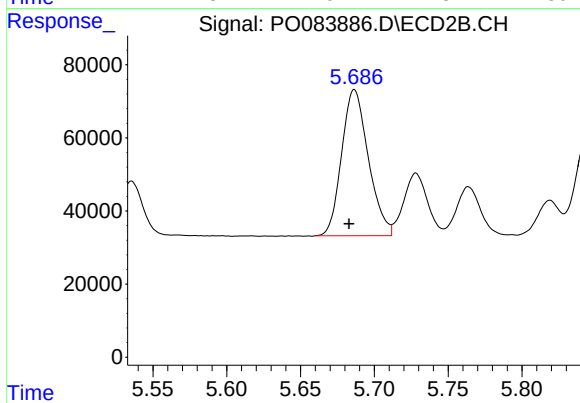
#23 AR-1248-3

R.T.: 5.503 min
Delta R.T.: 0.003 min
Response: 484010
Conc: 482.74 ng/ml



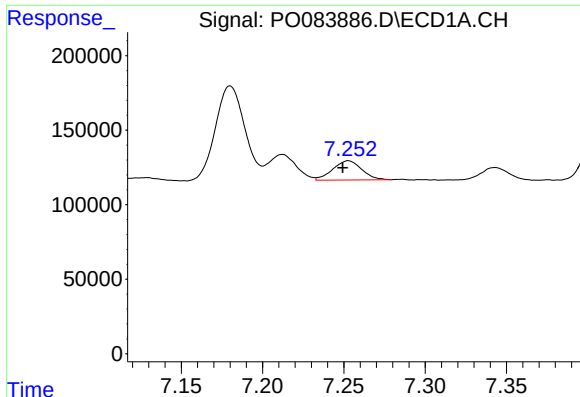
#24 AR-1248-4

R.T.: 7.212 min
Delta R.T.: 0.002 min
Response: 206339
Conc: 70.08 ng/ml



#24 AR-1248-4

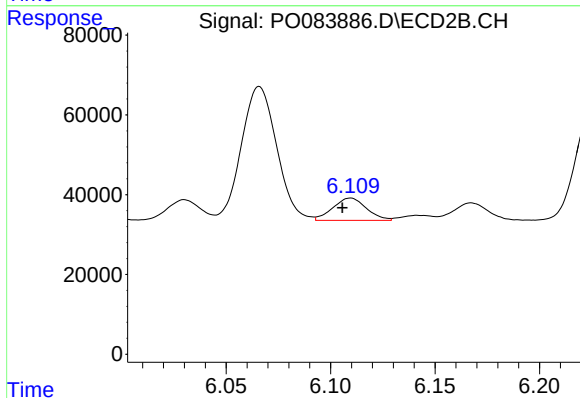
R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 502879
Conc: 433.69 ng/ml



#25 AR-1248-5

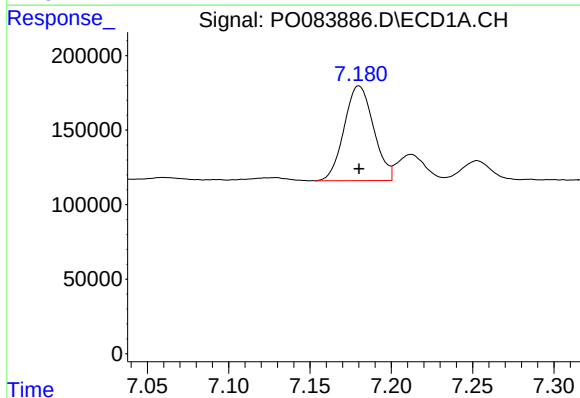
R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 160521
Conc: 56.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



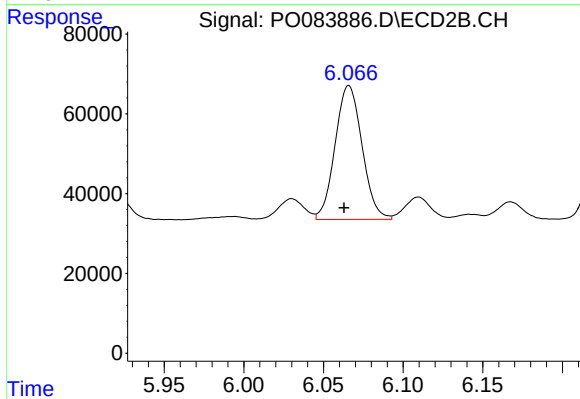
#25 AR-1248-5

R.T.: 6.110 min
Delta R.T.: 0.004 min
Response: 62594
Conc: 53.59 ng/ml



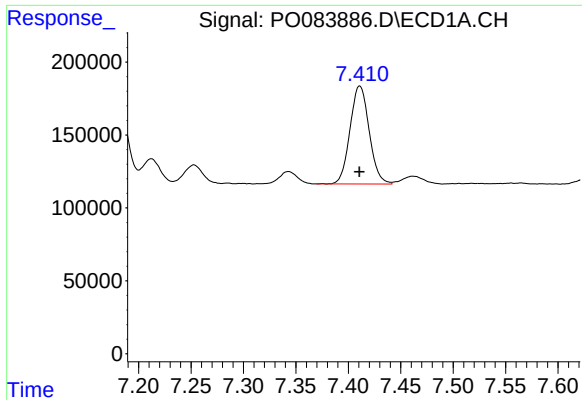
#26 AR-1254-1

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 801785
Conc: 260.31 ng/ml



#26 AR-1254-1

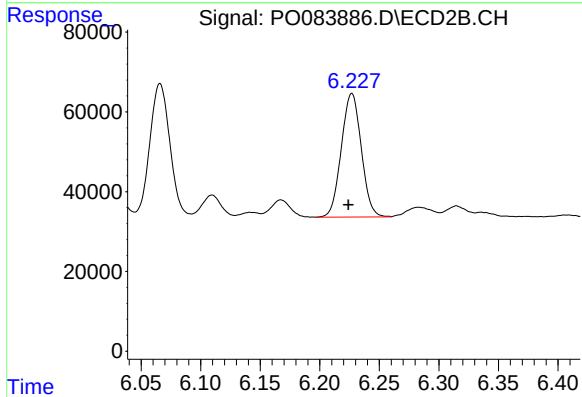
R.T.: 6.066 min
Delta R.T.: 0.003 min
Response: 395484
Conc: 215.53 ng/ml



#27 AR-1254-2

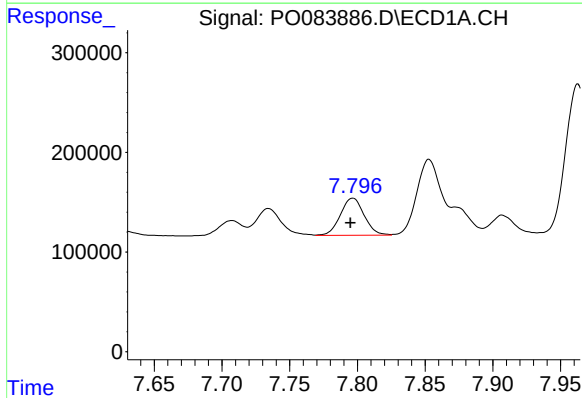
R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 855378
Conc: 184.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



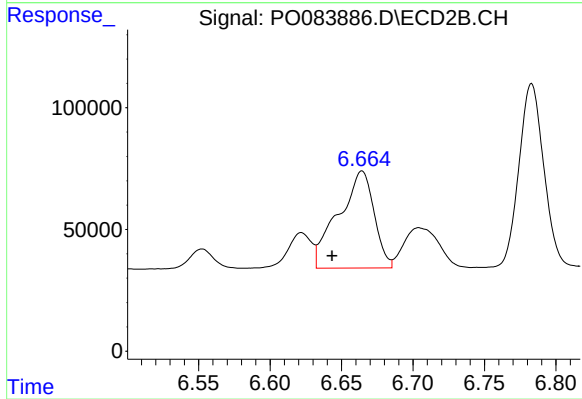
#27 AR-1254-2

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 361361
Conc: 227.52 ng/ml



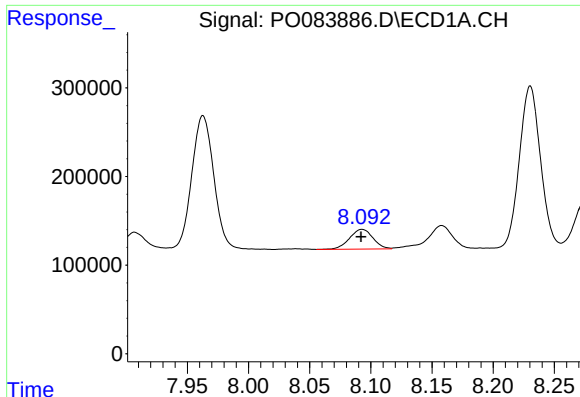
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: 0.002 min
Response: 456081
Conc: 97.81 ng/ml



#28 AR-1254-3

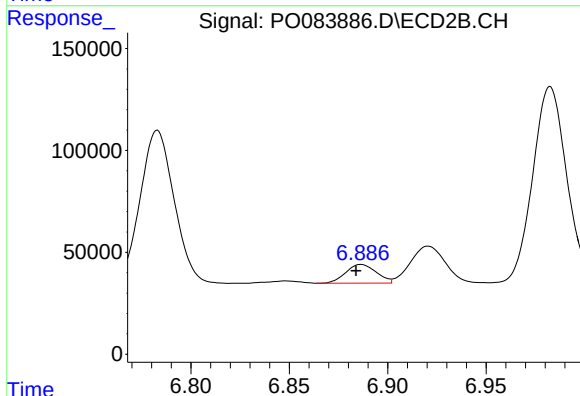
R.T.: 6.664 min
Delta R.T.: 0.021 min
Response: 692012
Conc: 288.91 ng/ml



#29 AR-1254-4

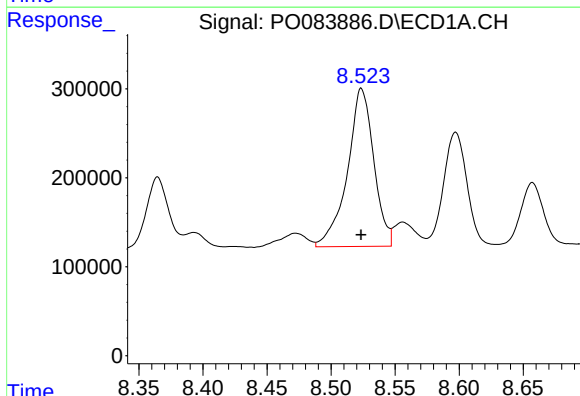
R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 296979
Conc: 86.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



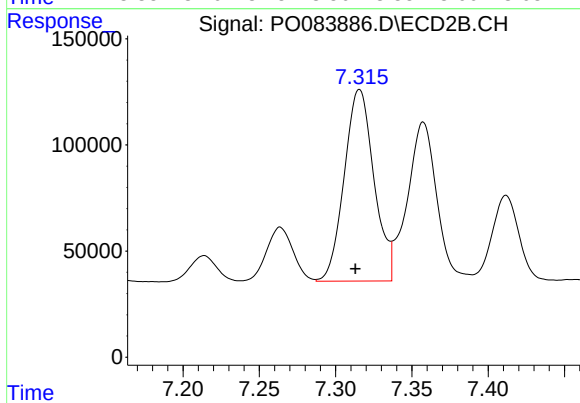
#29 AR-1254-4

R.T.: 6.887 min
Delta R.T.: 0.003 min
Response: 99547
Conc: 59.25 ng/ml



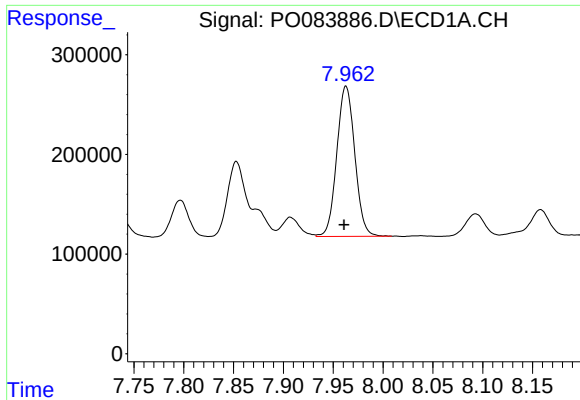
#30 AR-1254-5

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 2546294
Conc: 714.24 ng/ml



#30 AR-1254-5

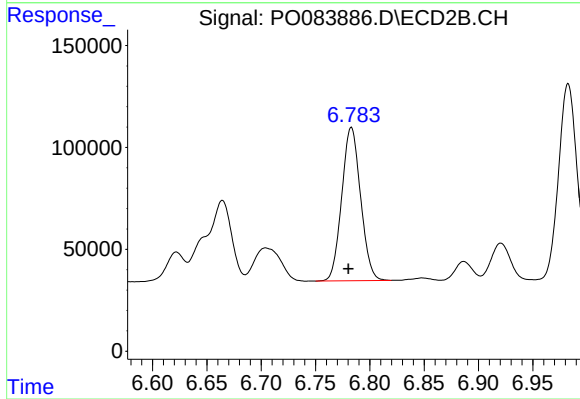
R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 1224231
Conc: 576.57 ng/ml



#31 AR-1260-1

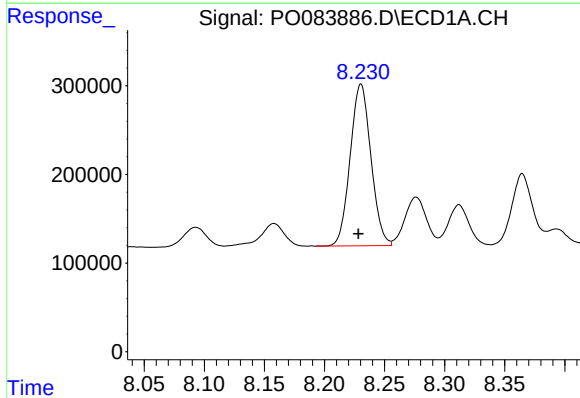
R.T.: 7.963 min
Delta R.T.: 0.002 min
Response: 1896394
Conc: 585.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



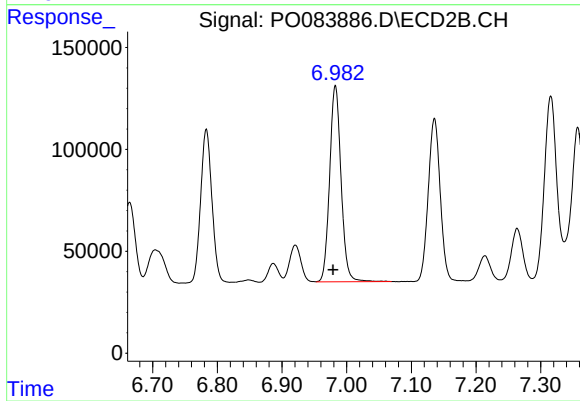
#31 AR-1260-1

R.T.: 6.783 min
Delta R.T.: 0.003 min
Response: 908836
Conc: 542.24 ng/ml



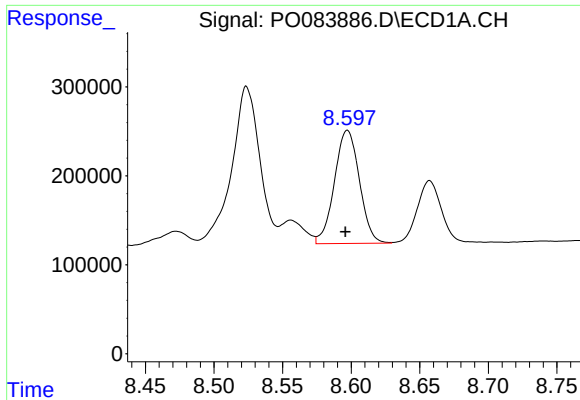
#32 AR-1260-2

R.T.: 8.230 min
Delta R.T.: 0.002 min
Response: 2195328
Conc: 566.77 ng/ml



#32 AR-1260-2

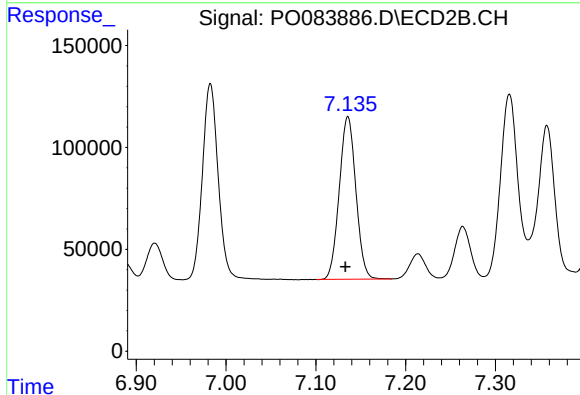
R.T.: 6.983 min
Delta R.T.: 0.003 min
Response: 1182983
Conc: 572.93 ng/ml



#33 AR-1260-3

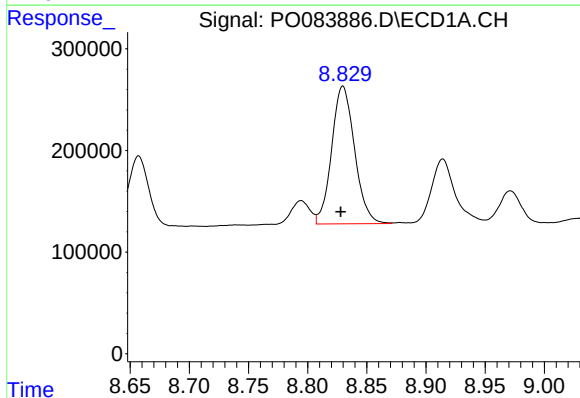
R.T.: 8.597 min
Delta R.T.: 0.001 min
Response: 1615900
Conc: 545.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



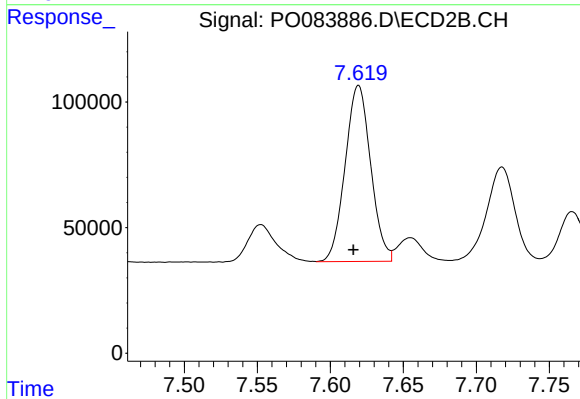
#33 AR-1260-3

R.T.: 7.136 min
Delta R.T.: 0.003 min
Response: 1025648
Conc: 579.37 ng/ml



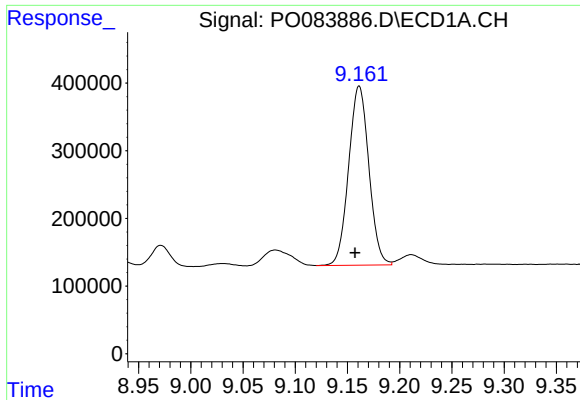
#34 AR-1260-4

R.T.: 8.830 min
Delta R.T.: 0.002 min
Response: 1830762
Conc: 535.21 ng/ml



#34 AR-1260-4

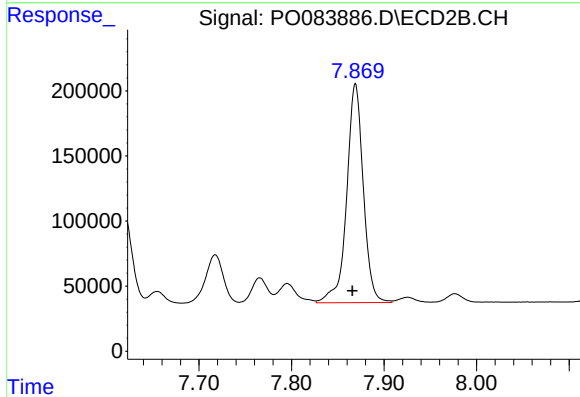
R.T.: 7.619 min
Delta R.T.: 0.003 min
Response: 853202
Conc: 579.05 ng/ml



#35 AR-1260-5

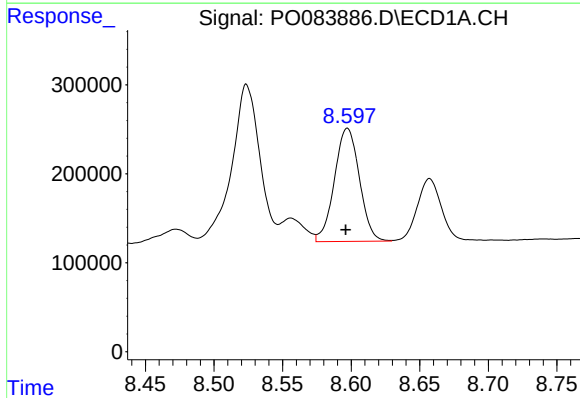
R.T.: 9.161 min
Delta R.T.: 0.004 min
Response: 3566600
Conc: 529.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



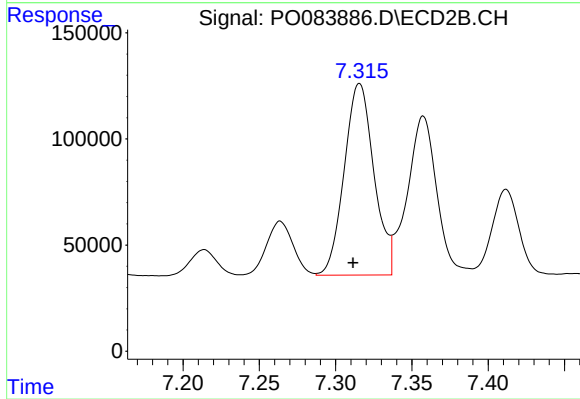
#35 AR-1260-5

R.T.: 7.869 min
Delta R.T.: 0.003 min
Response: 2103256
Conc: 543.47 ng/ml



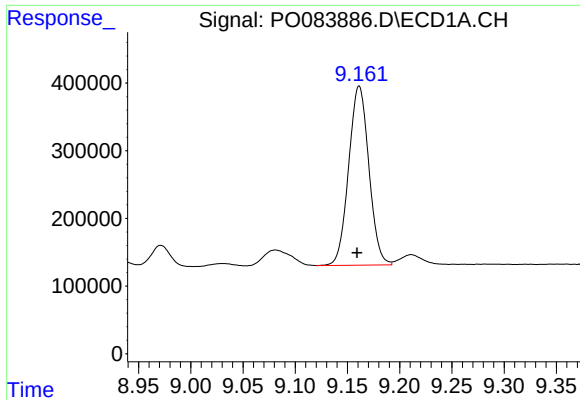
#36 AR-1262-1

R.T.: 8.597 min
Delta R.T.: 0.001 min
Response: 1615900
Conc: 400.65 ng/ml



#36 AR-1262-1

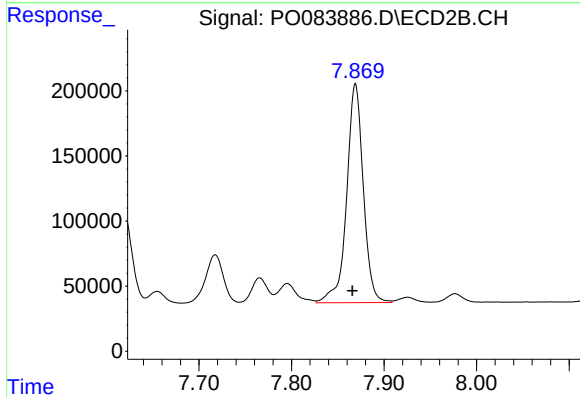
R.T.: 7.316 min
Delta R.T.: 0.004 min
Response: 1224231
Conc: 1112.59 ng/ml



#37 AR-1262-2

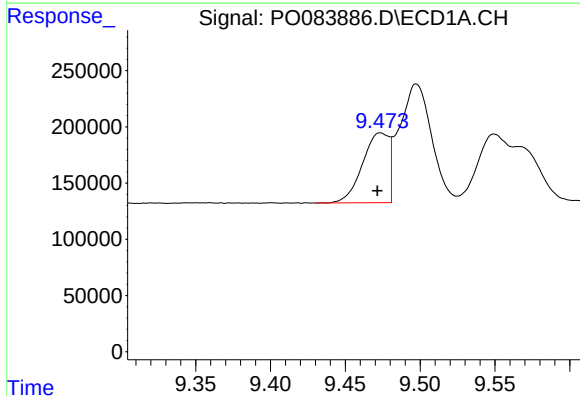
R.T.: 9.161 min
Delta R.T.: 0.002 min
Response: 3566600
Conc: 509.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



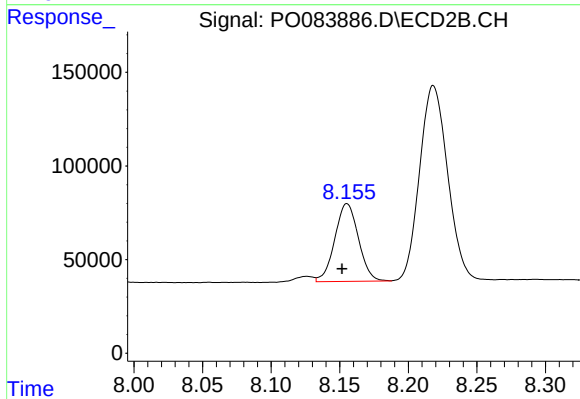
#37 AR-1262-2

R.T.: 7.869 min
Delta R.T.: 0.003 min
Response: 2103256
Conc: 511.79 ng/ml



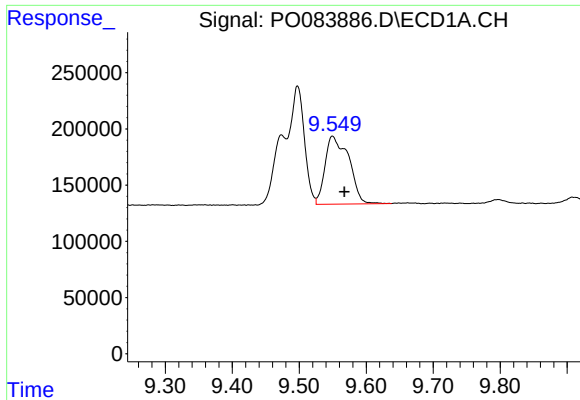
#38 AR-1262-3

R.T.: 9.473 min
Delta R.T.: 0.002 min
Response: 765472
Conc: 244.65 ng/ml



#38 AR-1262-3

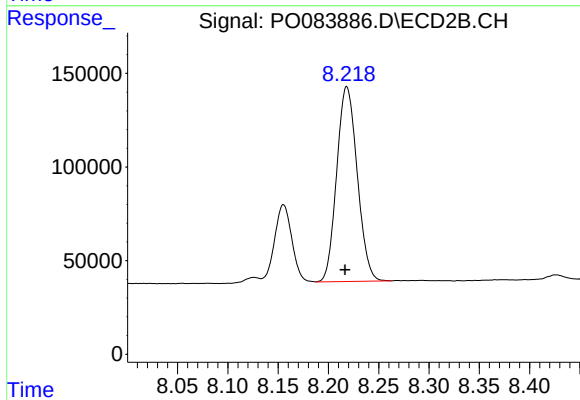
R.T.: 8.155 min
Delta R.T.: 0.004 min
Response: 499532
Conc: 289.31 ng/ml



#39 AR-1262-4

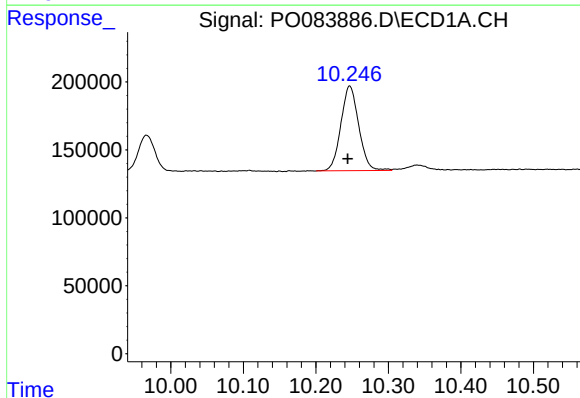
R.T.: 9.550 min
Delta R.T.: -0.018 min
Response: 1488094
Conc: 748.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



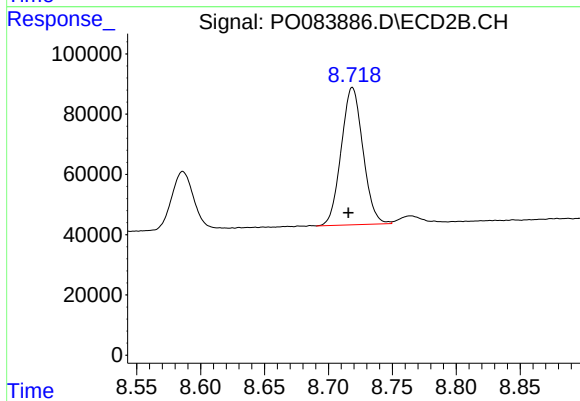
#39 AR-1262-4

R.T.: 8.218 min
Delta R.T.: 0.002 min
Response: 1478718
Conc: 499.15 ng/ml



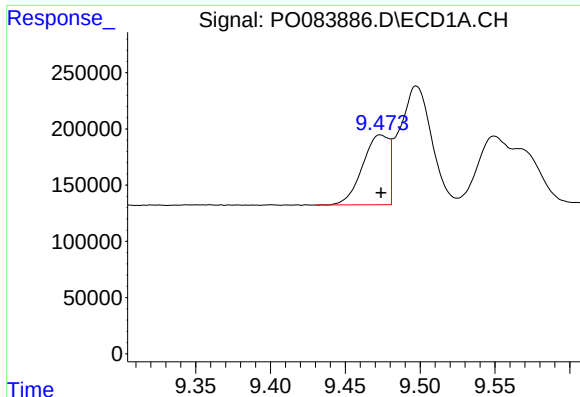
#40 AR-1262-5

R.T.: 10.247 min
Delta R.T.: 0.003 min
Response: 1066975
Conc: 396.83 ng/ml



#40 AR-1262-5

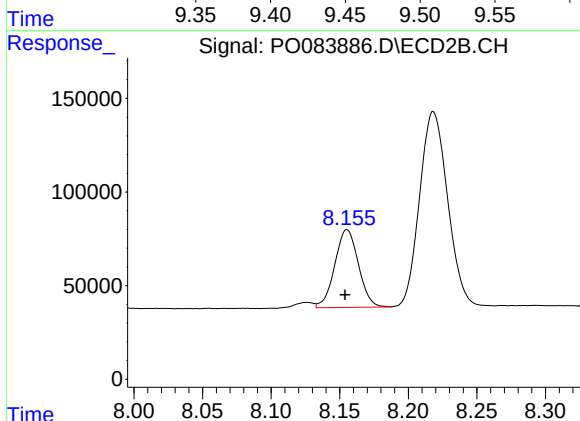
R.T.: 8.719 min
Delta R.T.: 0.003 min
Response: 540144
Conc: 388.51 ng/ml



#41 AR-1268-1

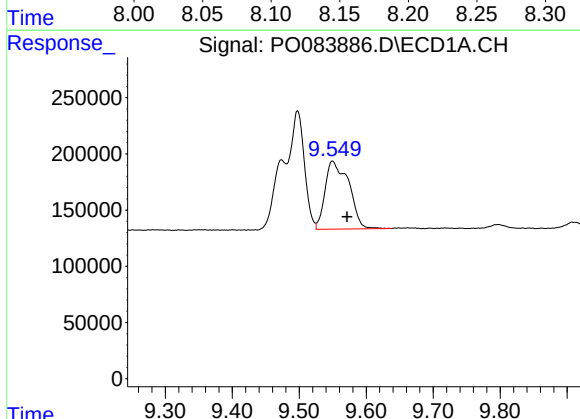
R.T.: 9.473 min
Delta R.T.: 0.000 min
Response: 765472
Conc: 84.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



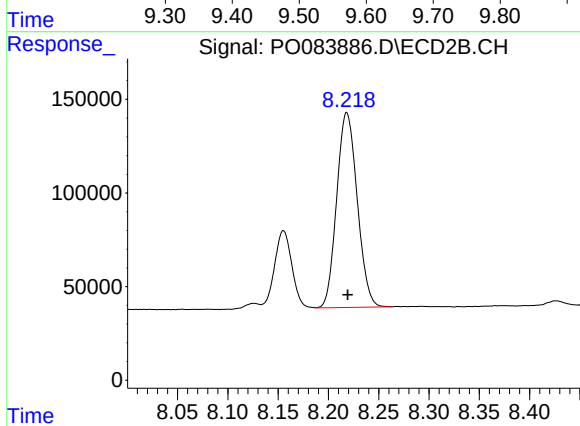
#41 AR-1268-1

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 499532
Conc: 92.78 ng/ml



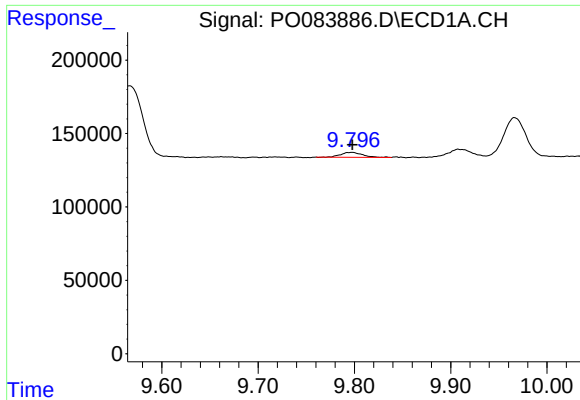
#42 AR-1268-2

R.T.: 9.550 min
Delta R.T.: -0.022 min
Response: 1488094
Conc: 177.28 ng/ml



#42 AR-1268-2

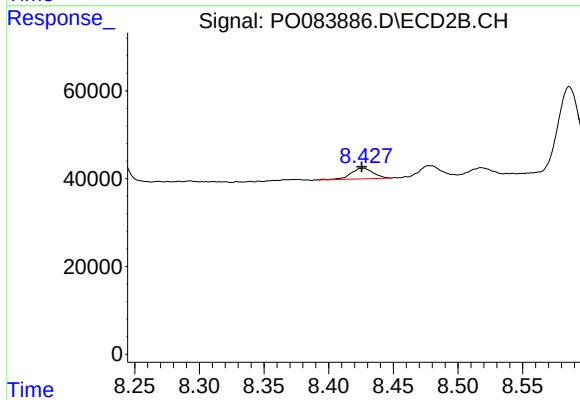
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 1478718
Conc: 321.75 ng/ml



#43 AR-1268-3

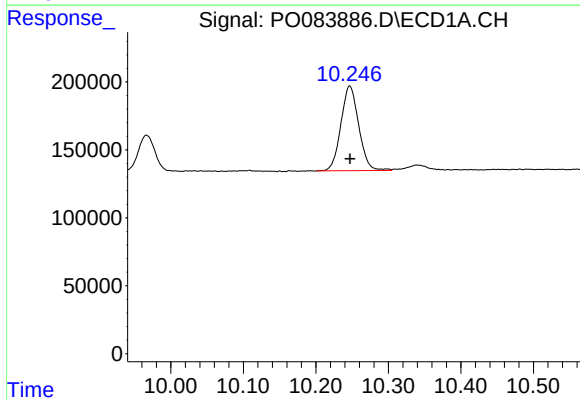
R.T.: 9.797 min
Delta R.T.: 0.000 min
Response: 51757
Conc: 7.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



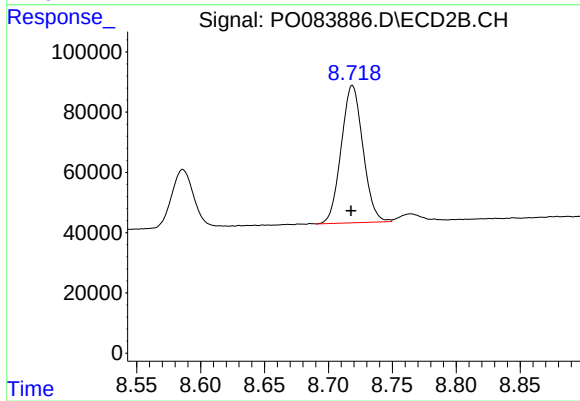
#43 AR-1268-3

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 28832
Conc: 7.25 ng/ml



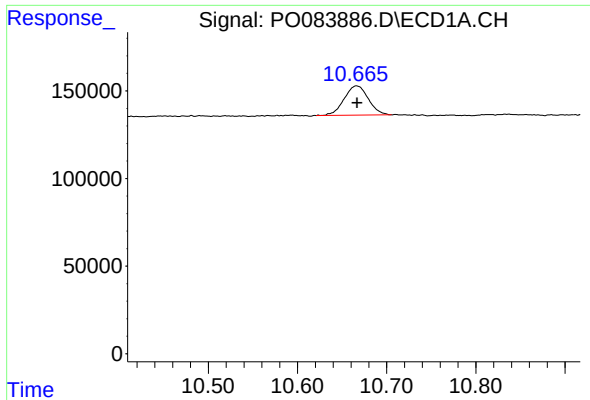
#44 AR-1268-4

R.T.: 10.247 min
Delta R.T.: 0.000 min
Response: 1066975
Conc: 342.64 ng/ml



#44 AR-1268-4

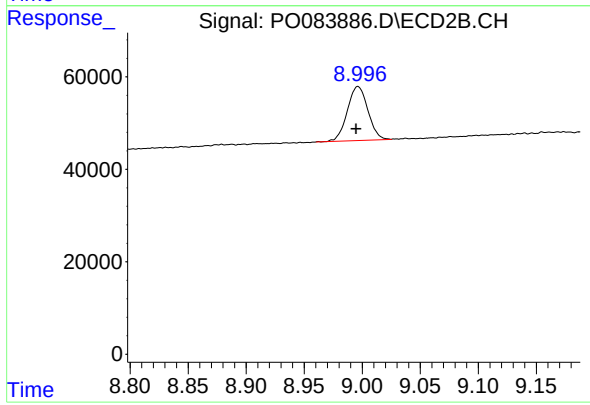
R.T.: 8.719 min
Delta R.T.: 0.001 min
Response: 540144
Conc: 329.37 ng/ml



#45 AR-1268-5

R.T.: 10.666 min
Delta R.T.: 0.000 min
Response: 314210
Conc: 12.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.996 min
Delta R.T.: 0.002 min
Response: 143660
Conc: 12.21 ng/ml