

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051121\
 Data File : P0077719.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 May 2021 2:42
 Operator : DD\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: May 12 04:17:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 11 15:14:32 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...	4.365	3.644	3677123	1053356	52.970	62.647
2)	SA Decachlor...	9.989	8.847	2784861	1293604	53.002	73.350 #
Target Compounds							
3)	L1 AR-1016-1	5.662	4.878	1352355	436007	533.033	651.000
4)	L1 AR-1016-2	5.684	4.897	1909856	571018	531.037	641.850
5)	L1 AR-1016-3	5.748	5.085	1174279	309662	533.495	653.468
6)	L1 AR-1016-4	5.853	5.138	973186	255270	539.412	649.226
7)	L1 AR-1016-5	6.165	5.362	924559	320364	533.767	640.199
8)	L2 AR-1221-1	4.611	3.897	119002	38593	155.825	188.265
9)	L2 AR-1221-2	4.711	3.995	177498	57305	306.618	357.312
10)	L2 AR-1221-3	4.796	4.081	689357	211203	368.700	425.748
11)	L3 AR-1232-1	4.796	4.081	689357	211203	480.238	559.414
12)	L3 AR-1232-2	5.371	4.897	959589	571018	1322.556	1672.545 #
13)	L3 AR-1232-3	5.684	5.085	1909856	309662	1381.510	1693.338
14)	L3 AR-1232-4	5.853	5.181	973186	305371	1420.085	1843.155 #
15)	L3 AR-1232-5	5.953	5.362	753288	320364	1629.393	1768.639
16)	L4 AR-1242-1	5.662	4.878	1352355	436007	730.178	897.322
17)	L4 AR-1242-2	5.684	4.897	1909856	571018	730.521	888.527
18)	L4 AR-1242-3	5.748	5.085	1174279	309662	733.201	899.105
19)	L4 AR-1242-4	5.853	5.181	973186	305371	744.746	884.476
20)	L4 AR-1242-5	6.624	5.736	125333	267576	90.060	602.373 #
21)	L5 AR-1248-1	5.662	4.878	1352355	436007	960.446	1203.024 #
22)	L5 AR-1248-2	5.953	5.138	753288	255270	412.959	498.528
23)	L5 AR-1248-3	6.165	5.181	924559	305371	420.668	596.422 #
24)	L5 AR-1248-4	6.587	5.362	142782	320364	57.399	515.327 #
25)	L5 AR-1248-5	6.624	5.779	125333	44476	52.664	73.445 #
26)	L6 AR-1254-1	6.557	5.736	659082	267576	263.399	284.097
27)	L6 AR-1254-2	6.783	5.894	772522	261138	198.062	306.519 #
28)	L6 AR-1254-3	7.158	6.327f	453895	461771	110.536	354.291 #
29)	L6 AR-1254-4	7.449	6.546	322581	58096	103.906	67.320 #
30)	L6 AR-1254-5	7.874	6.969	2583557	976191	764.292	785.675
31)	L7 AR-1260-1	7.323	6.444	1821466	675291	543.700	685.479 #
32)	L7 AR-1260-2	7.588	6.640	2148184	826749	533.700	686.814 #
33)	L7 AR-1260-3	7.948	6.792	1317078	780566	529.792	703.668 #
34)	L7 AR-1260-4	8.174	7.270	1603468	579687	534.178	713.577 #
35)	L7 AR-1260-5	8.487	7.517	3059321	1394327	532.464	719.255 #
36)	L8 AR-1262-1	7.948	6.969	1317078	976191	343.409	1510.847 #
37)	L8 AR-1262-2	8.487	7.517	3059321	1394327	444.417	630.094 #
38)	L8 AR-1262-3	8.776	7.801	1922535	283921	431.123	317.309 #
39)	L8 AR-1262-4	8.822f	7.862	1007443	1049612	308.789	629.332 #
40)	L8 AR-1262-5	9.389	8.358	693646	339634	298.912	421.755 #
41)	L9 AR-1268-1	8.776f	7.801	1922535	283921	256.819	115.694 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

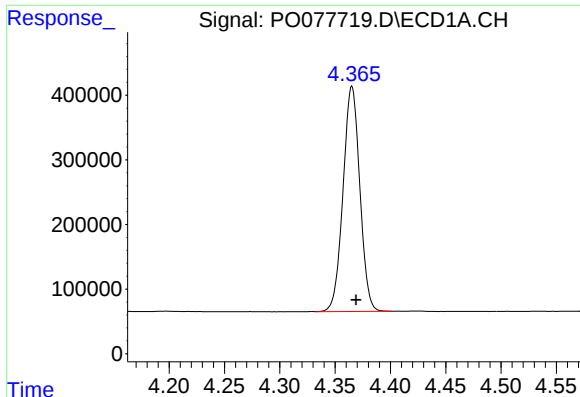
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 04:17:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051121.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	8.822f	7.862	1007443	1049612	149.984	474.860 #
43) L9	AR-1268-3	9.024	8.069	61279	33043	10.966	17.579 #
44) L9	AR-1268-4	9.389	8.358	693646	339634	285.183	398.082 #
45) L9	AR-1268-5	9.723	8.628	274906	132130	14.671	21.872 #

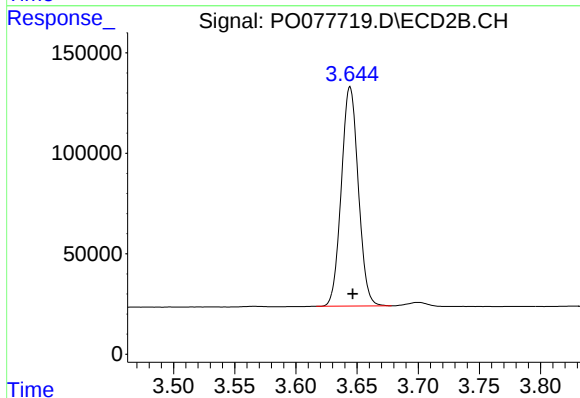
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

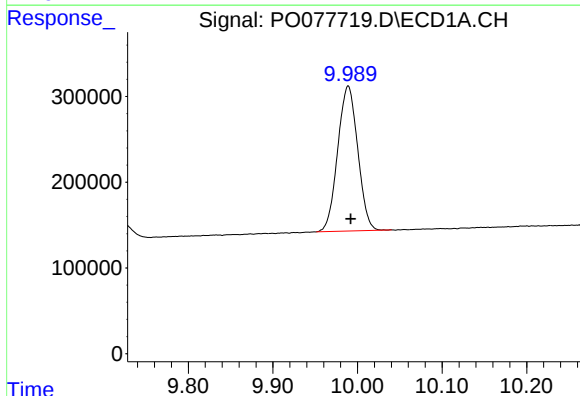
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3677123
Conc: 52.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



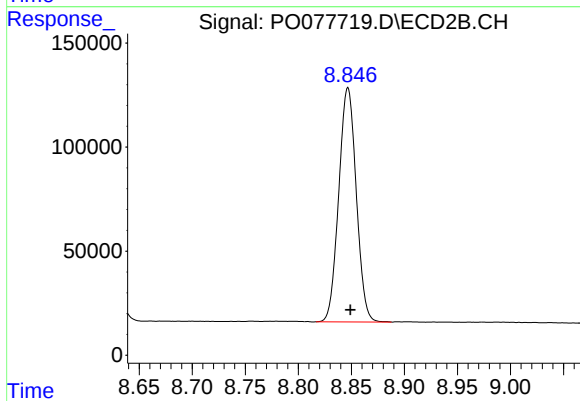
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.002 min
Response: 1053356
Conc: 62.65 ng/ml



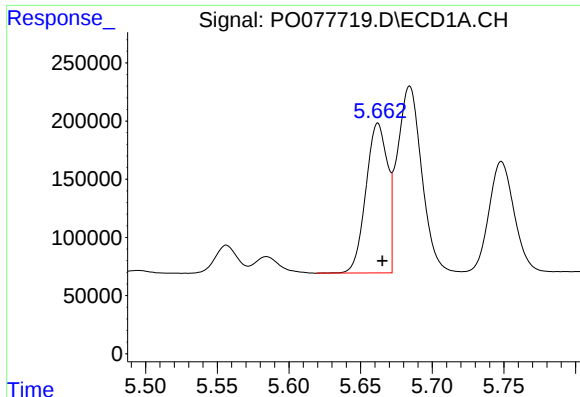
#2 Decachlorobiphenyl

R.T.: 9.989 min
Delta R.T.: -0.003 min
Response: 2784861
Conc: 53.00 ng/ml



#2 Decachlorobiphenyl

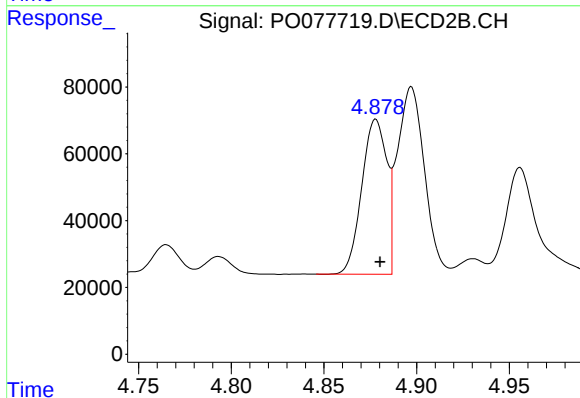
R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 1293604
Conc: 73.35 ng/ml



#3 AR-1016-1

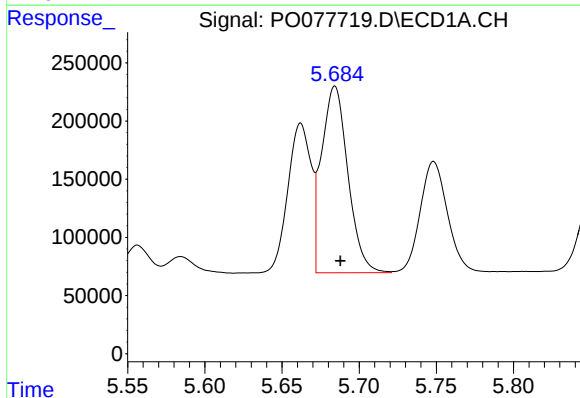
R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 1352355
Conc: 533.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



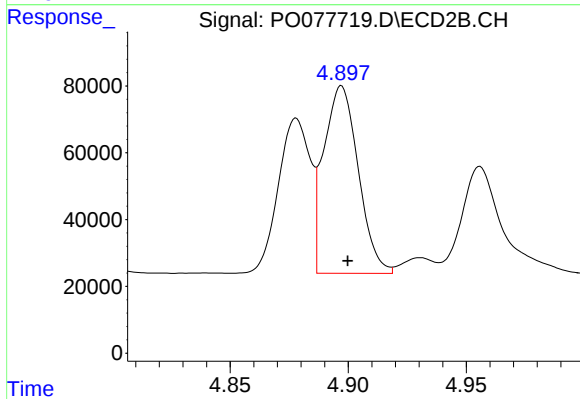
#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 436007
Conc: 651.00 ng/ml



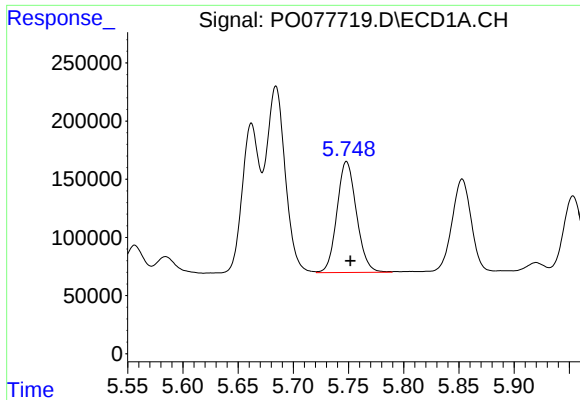
#4 AR-1016-2

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 1909856
Conc: 531.04 ng/ml



#4 AR-1016-2

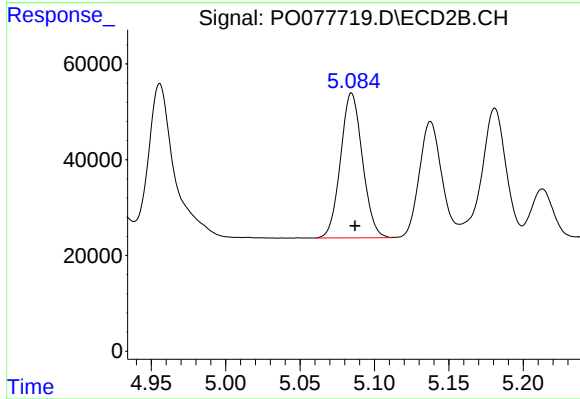
R.T.: 4.897 min
Delta R.T.: -0.003 min
Response: 571018
Conc: 641.85 ng/ml



#5 AR-1016-3

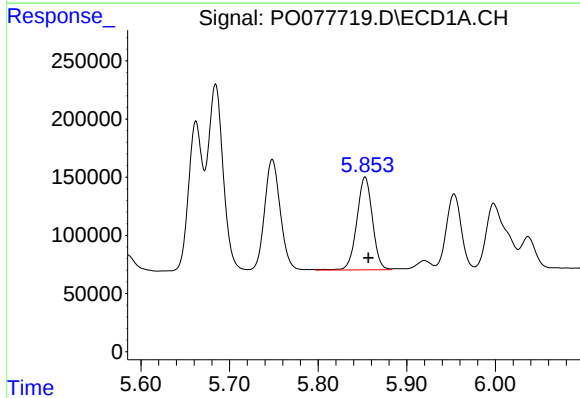
R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 1174279
Conc: 533.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



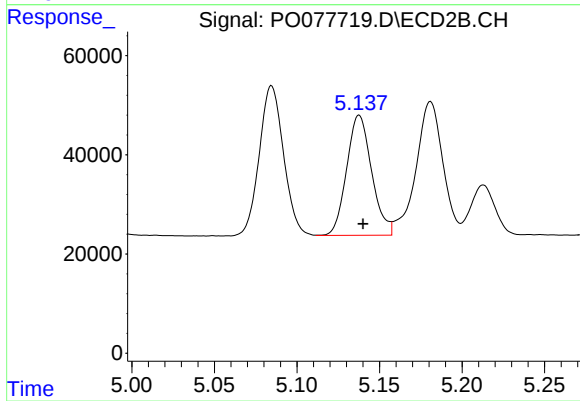
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 309662
Conc: 653.47 ng/ml



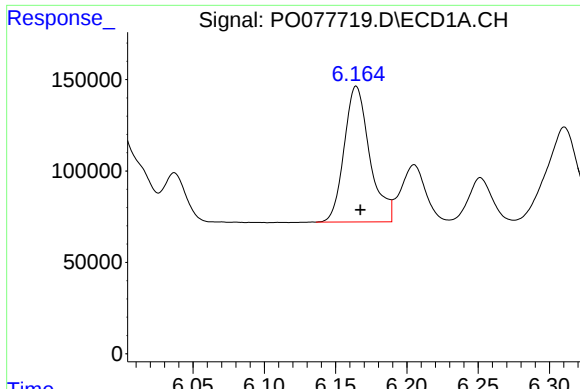
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 973186
Conc: 539.41 ng/ml



#6 AR-1016-4

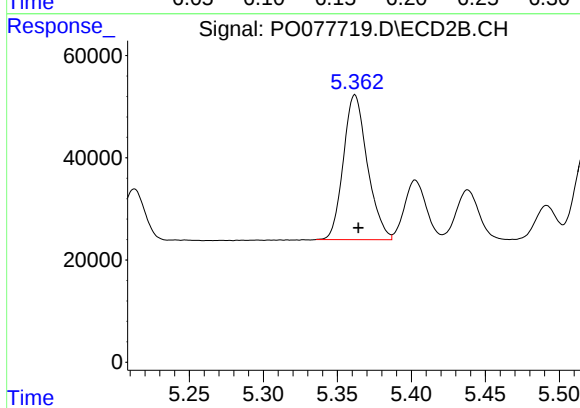
R.T.: 5.138 min
Delta R.T.: -0.002 min
Response: 255270
Conc: 649.23 ng/ml



#7 AR-1016-5

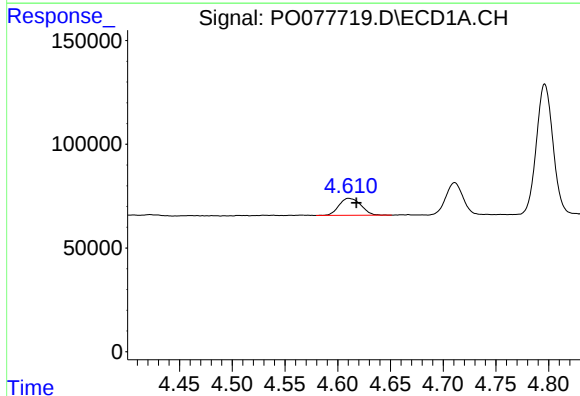
R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 924559
Conc: 533.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



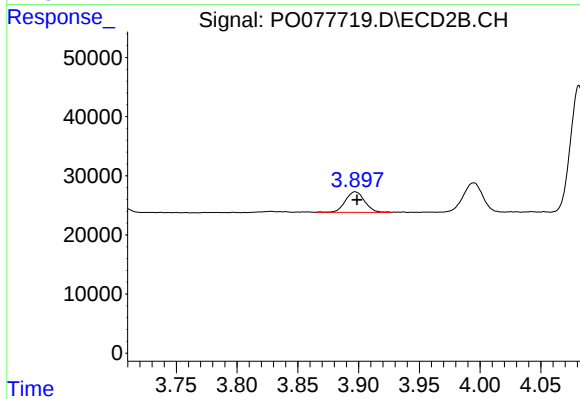
#7 AR-1016-5

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 320364
Conc: 640.20 ng/ml



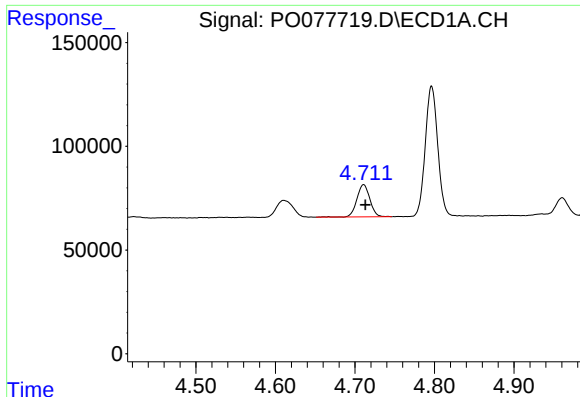
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.007 min
Response: 119002
Conc: 155.83 ng/ml



#8 AR-1221-1

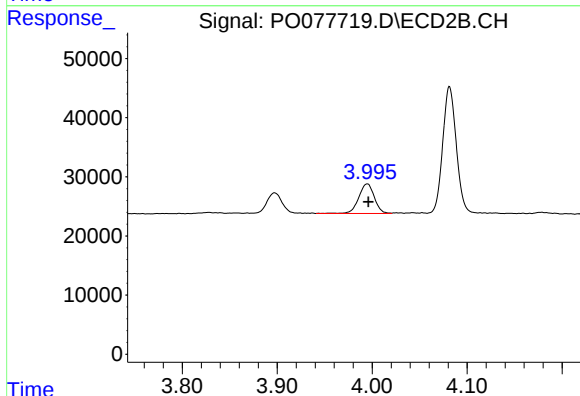
R.T.: 3.897 min
Delta R.T.: -0.002 min
Response: 38593
Conc: 188.27 ng/ml



#9 AR-1221-2

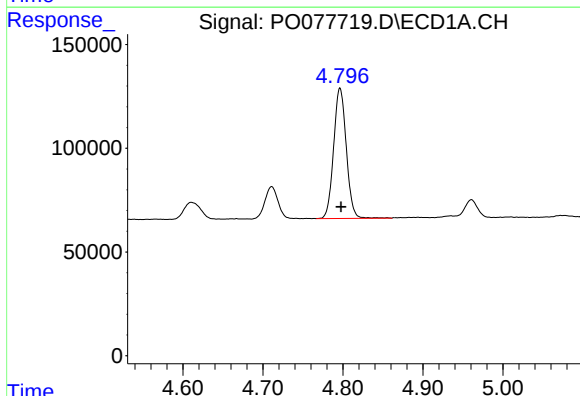
R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 177498
Conc: 306.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



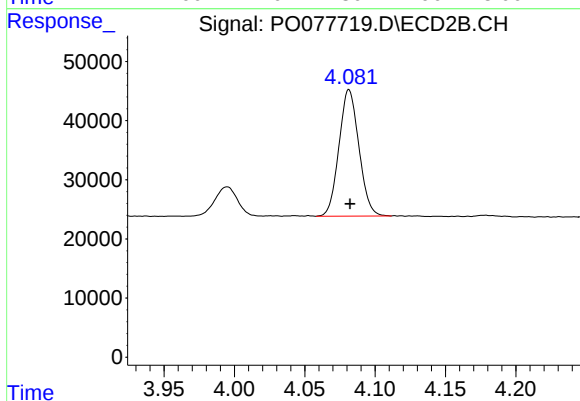
#9 AR-1221-2

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 57305
Conc: 357.31 ng/ml



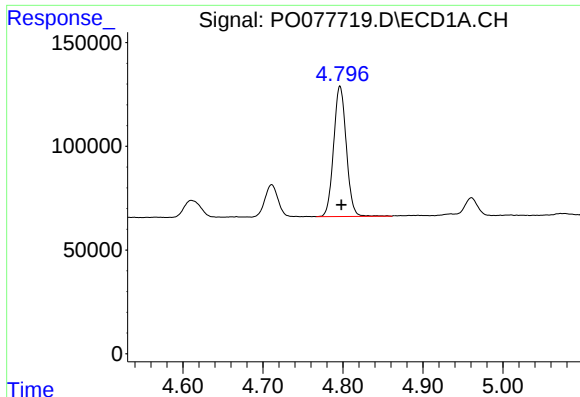
#10 AR-1221-3

R.T.: 4.796 min
Delta R.T.: -0.001 min
Response: 689357
Conc: 368.70 ng/ml



#10 AR-1221-3

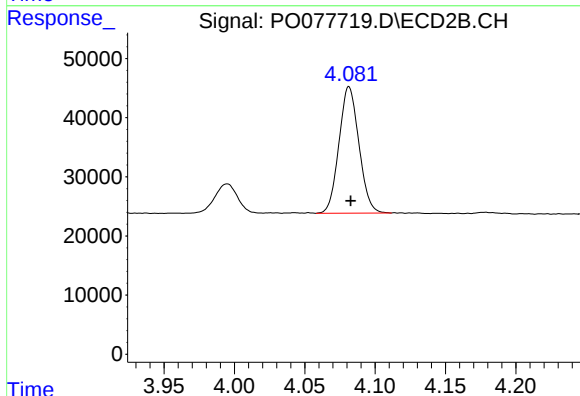
R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 211203
Conc: 425.75 ng/ml



#11 AR-1232-1

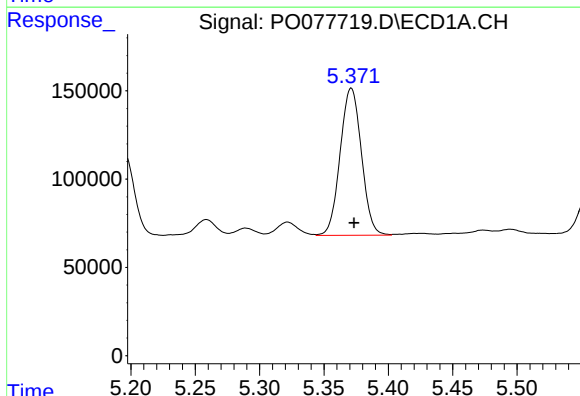
R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 689357
Conc: 480.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



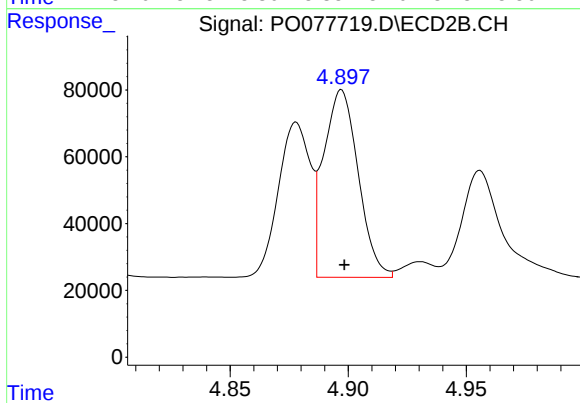
#11 AR-1232-1

R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 211203
Conc: 559.41 ng/ml



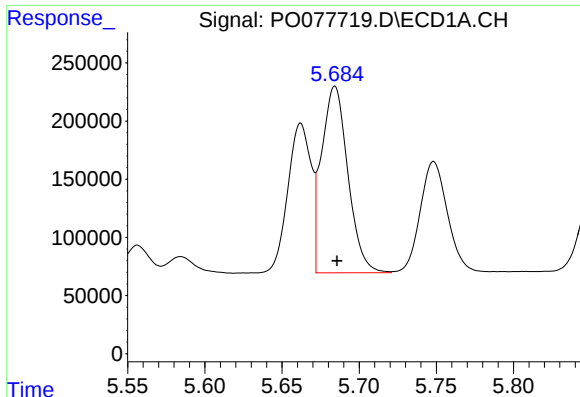
#12 AR-1232-2

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 959589
Conc: 1322.56 ng/ml



#12 AR-1232-2

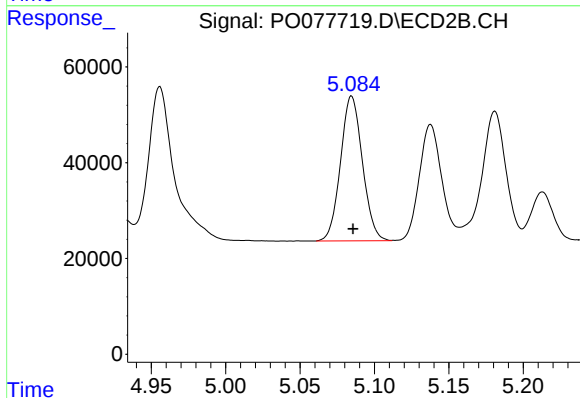
R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 571018
Conc: 1672.54 ng/ml



#13 AR-1232-3

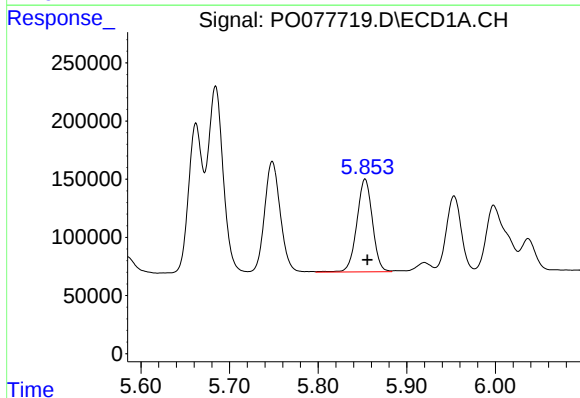
R.T.: 5.684 min
Delta R.T.: -0.001 min
Response: 1909856
Conc: 1381.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



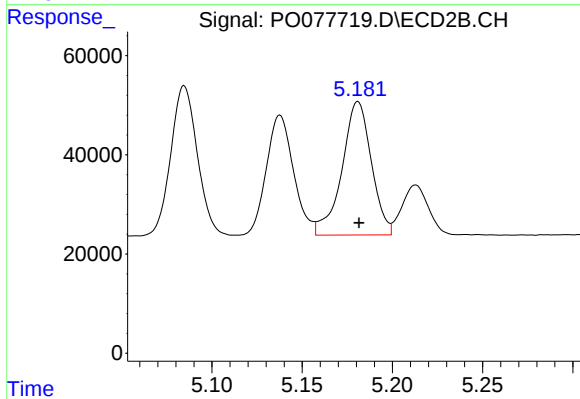
#13 AR-1232-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 309662
Conc: 1693.34 ng/ml



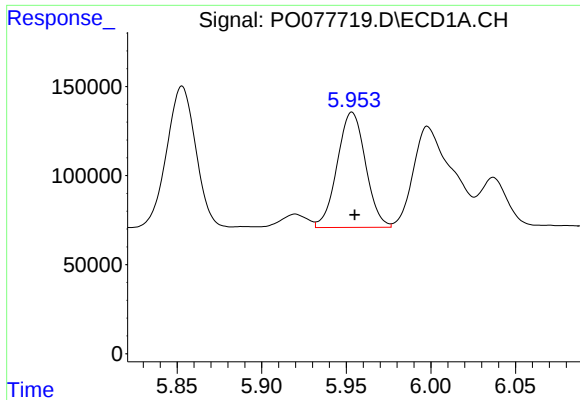
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: -0.002 min
Response: 973186
Conc: 1420.09 ng/ml



#14 AR-1232-4

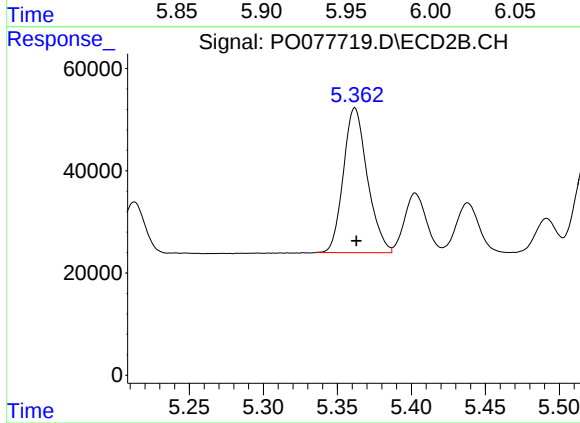
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 305371
Conc: 1843.15 ng/ml



#15 AR-1232-5

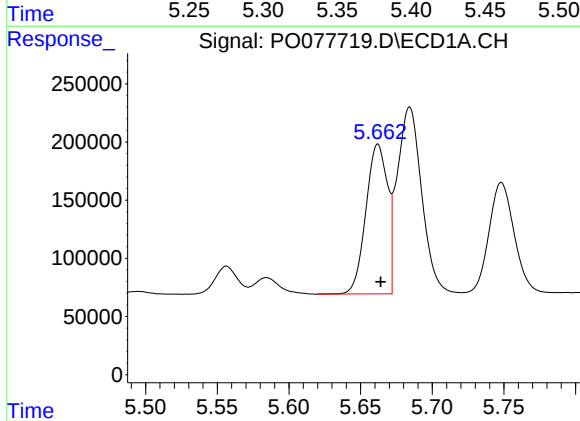
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 753288
Conc: 1629.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



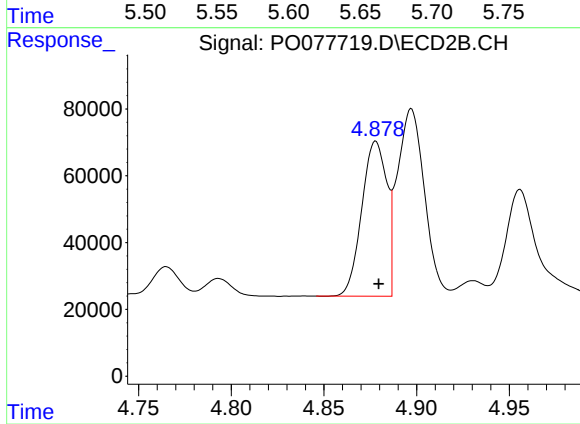
#15 AR-1232-5

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 320364
Conc: 1768.64 ng/ml



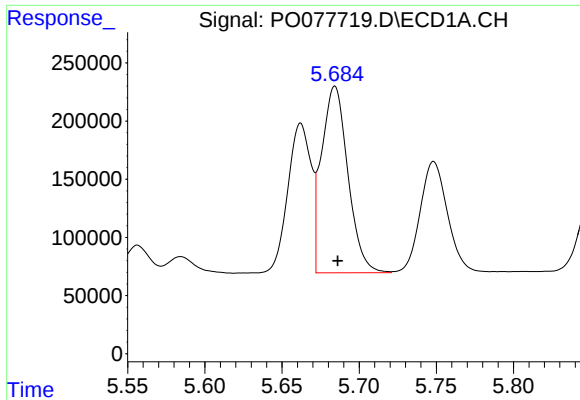
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: -0.002 min
Response: 1352355
Conc: 730.18 ng/ml



#16 AR-1242-1

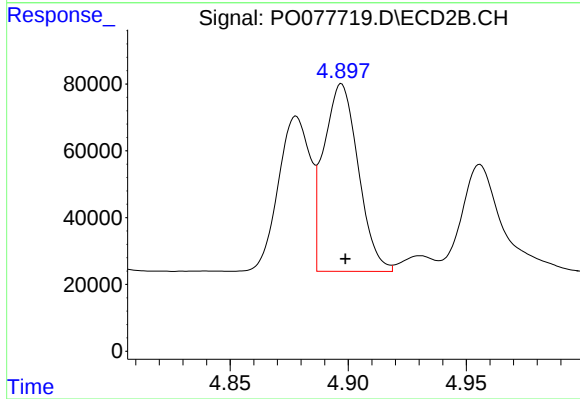
R.T.: 4.878 min
Delta R.T.: -0.002 min
Response: 436007
Conc: 897.32 ng/ml



#17 AR-1242-2

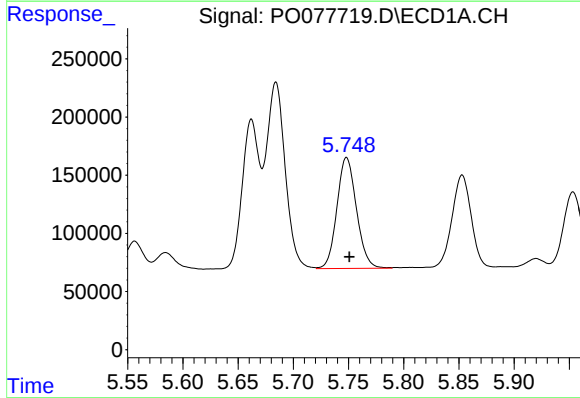
R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 1909856
Conc: 730.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



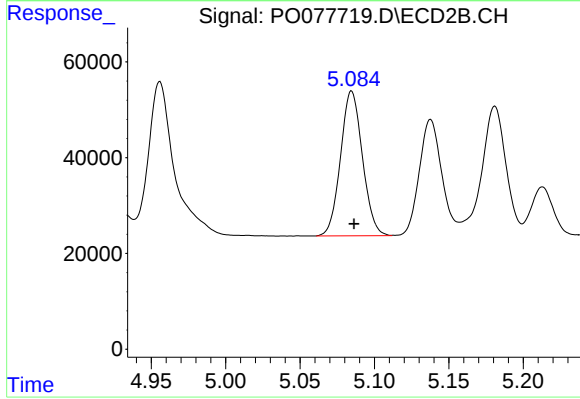
#17 AR-1242-2

R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 571018
Conc: 888.53 ng/ml



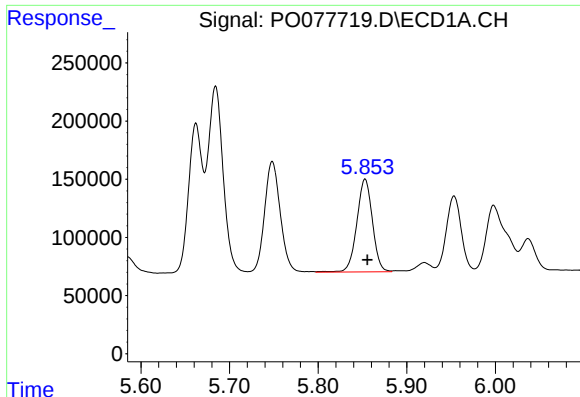
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 1174279
Conc: 733.20 ng/ml



#18 AR-1242-3

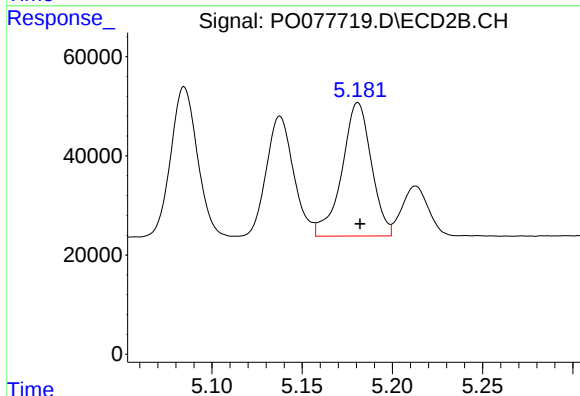
R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 309662
Conc: 899.11 ng/ml



#19 AR-1242-4

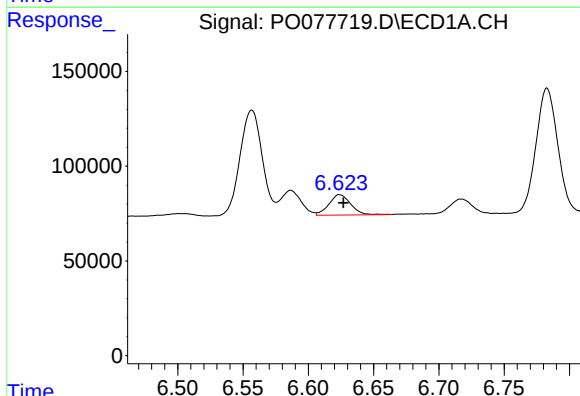
R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 973186
Conc: 744.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



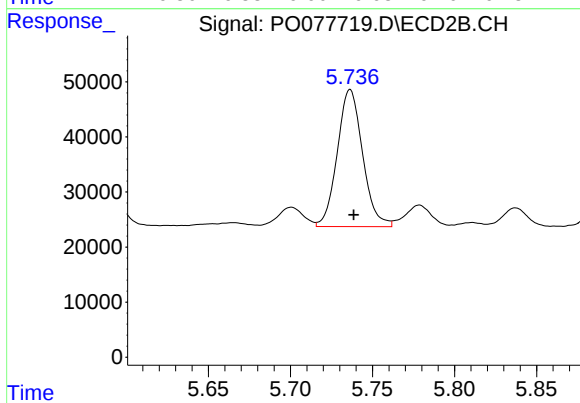
#19 AR-1242-4

R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 305371
Conc: 884.48 ng/ml



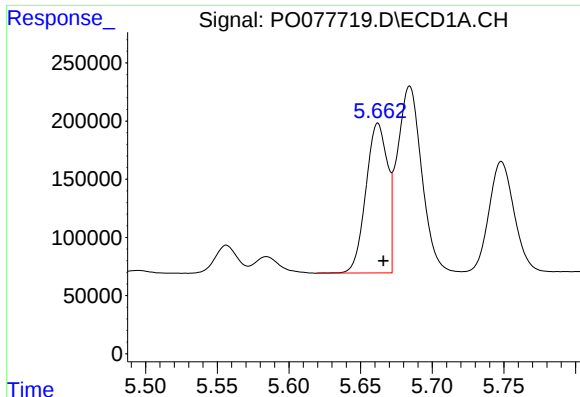
#20 AR-1242-5

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 125333
Conc: 90.06 ng/ml



#20 AR-1242-5

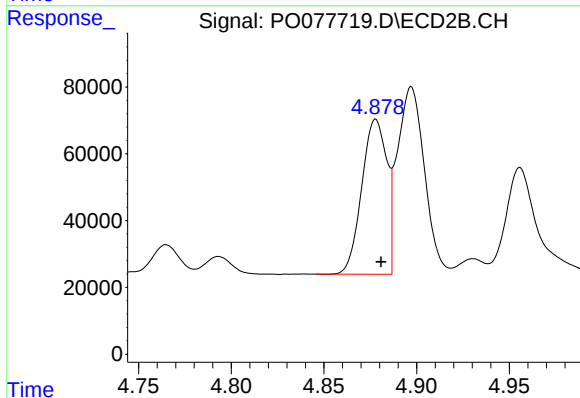
R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 267576
Conc: 602.37 ng/ml



#21 AR-1248-1

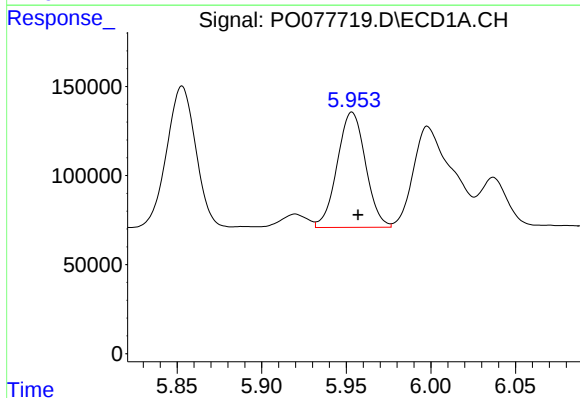
R.T.: 5.662 min
Delta R.T.: -0.004 min
Response: 1352355
Conc: 960.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



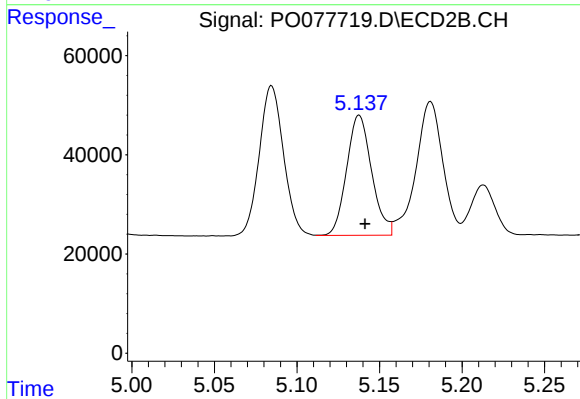
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: -0.003 min
Response: 436007
Conc: 1203.02 ng/ml



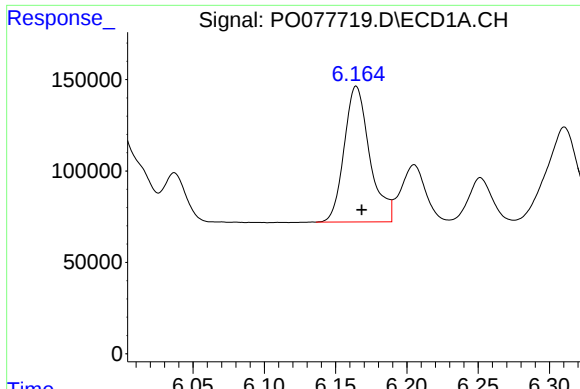
#22 AR-1248-2

R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 753288
Conc: 412.96 ng/ml



#22 AR-1248-2

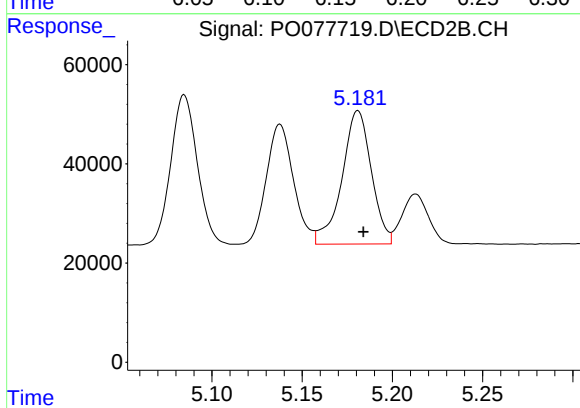
R.T.: 5.138 min
Delta R.T.: -0.003 min
Response: 255270
Conc: 498.53 ng/ml



#23 AR-1248-3

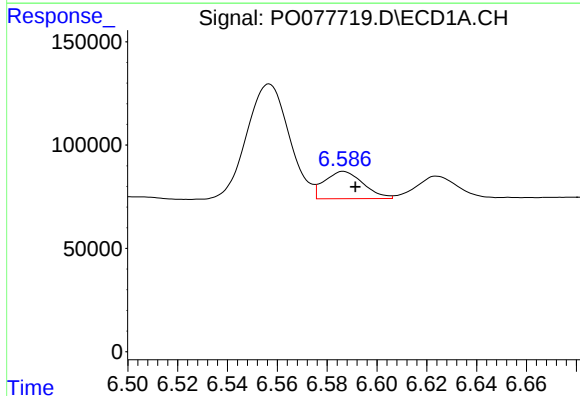
R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 924559
Conc: 420.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



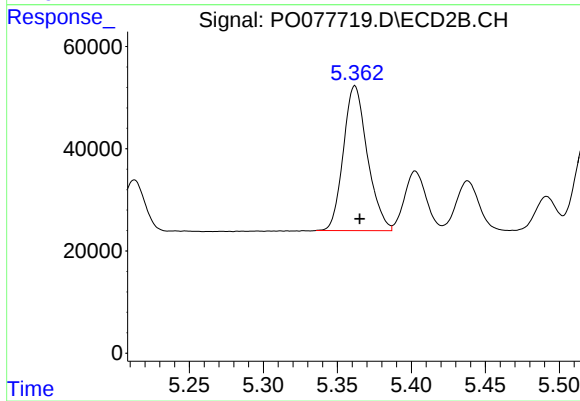
#23 AR-1248-3

R.T.: 5.181 min
Delta R.T.: -0.003 min
Response: 305371
Conc: 596.42 ng/ml



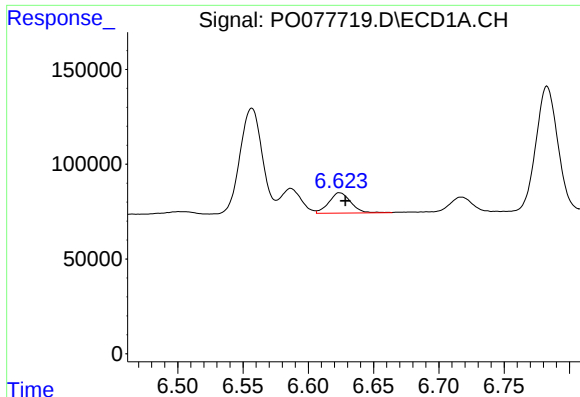
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: -0.005 min
Response: 142782
Conc: 57.40 ng/ml



#24 AR-1248-4

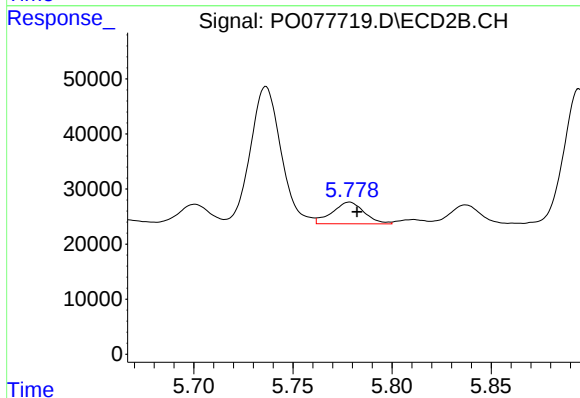
R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 320364
Conc: 515.33 ng/ml



#25 AR-1248-5

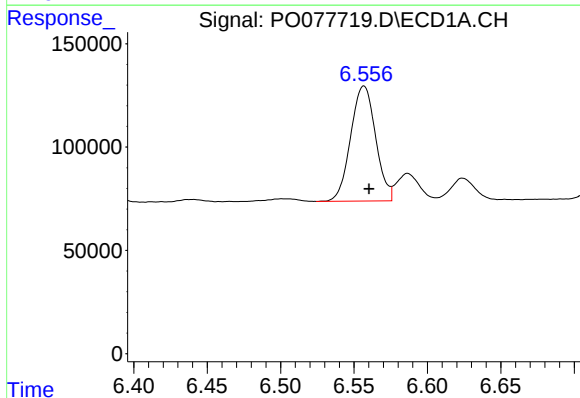
R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 125333
Conc: 52.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



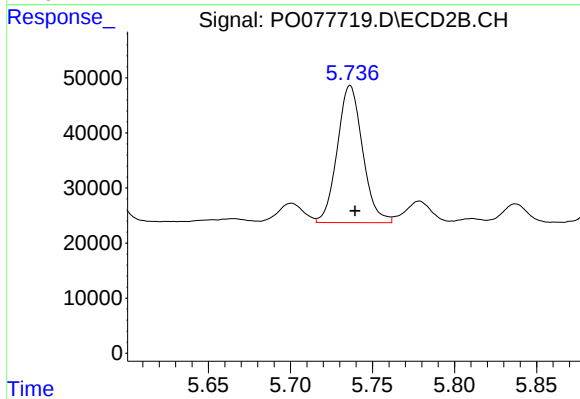
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 44476
Conc: 73.44 ng/ml



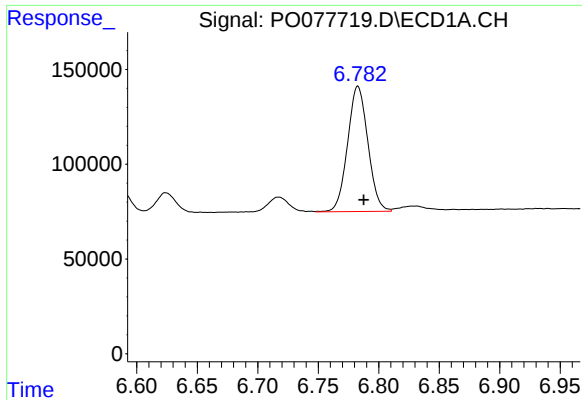
#26 AR-1254-1

R.T.: 6.557 min
Delta R.T.: -0.004 min
Response: 659082
Conc: 263.40 ng/ml



#26 AR-1254-1

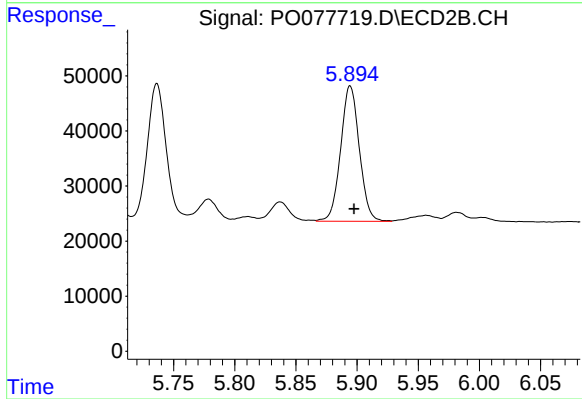
R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 267576
Conc: 284.10 ng/ml



#27 AR-1254-2

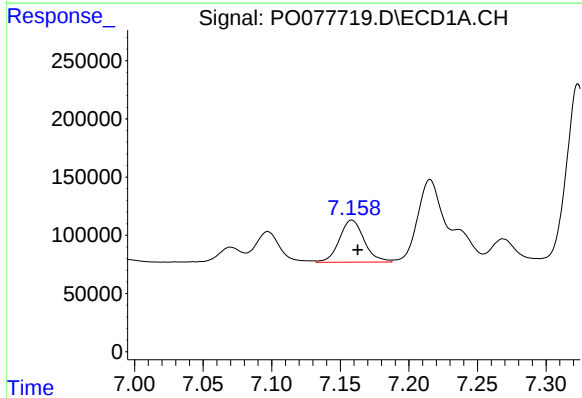
R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 772522
Conc: 198.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



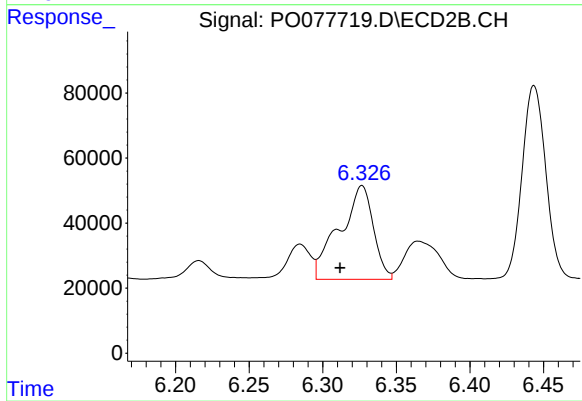
#27 AR-1254-2

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 261138
Conc: 306.52 ng/ml



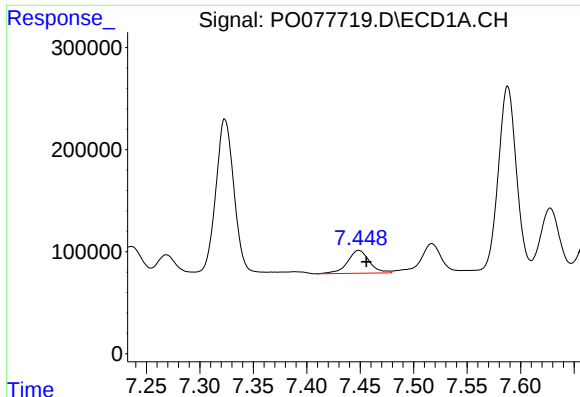
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 453895
Conc: 110.54 ng/ml



#28 AR-1254-3

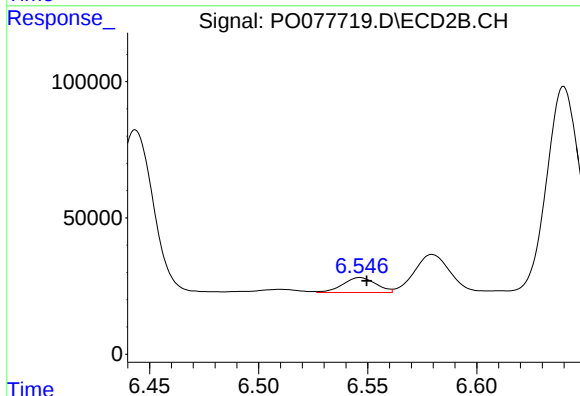
R.T.: 6.327 min
Delta R.T.: 0.015 min
Response: 461771
Conc: 354.29 ng/ml



#29 AR-1254-4

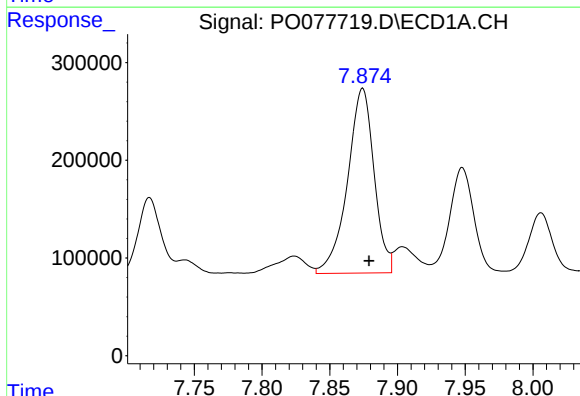
R.T.: 7.449 min
Delta R.T.: -0.007 min
Response: 322581
Conc: 103.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



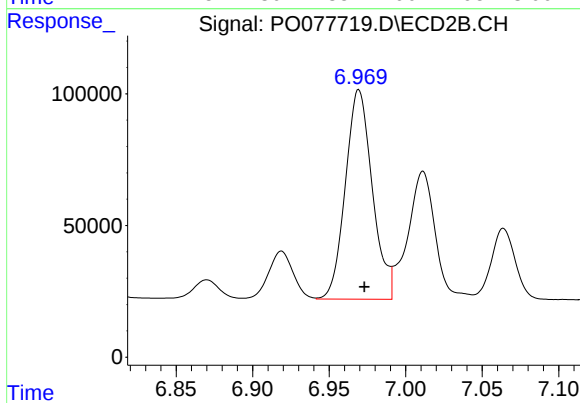
#29 AR-1254-4

R.T.: 6.546 min
Delta R.T.: -0.003 min
Response: 58096
Conc: 67.32 ng/ml



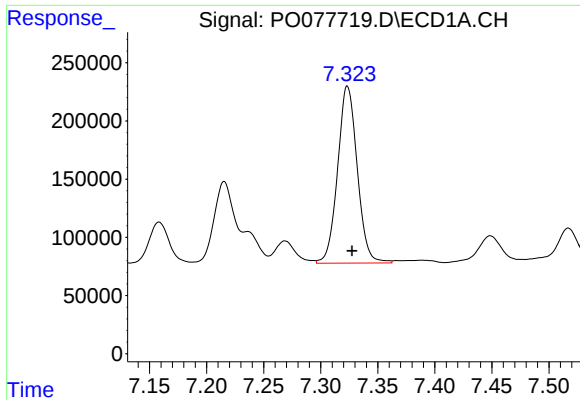
#30 AR-1254-5

R.T.: 7.874 min
Delta R.T.: -0.005 min
Response: 2583557
Conc: 764.29 ng/ml



#30 AR-1254-5

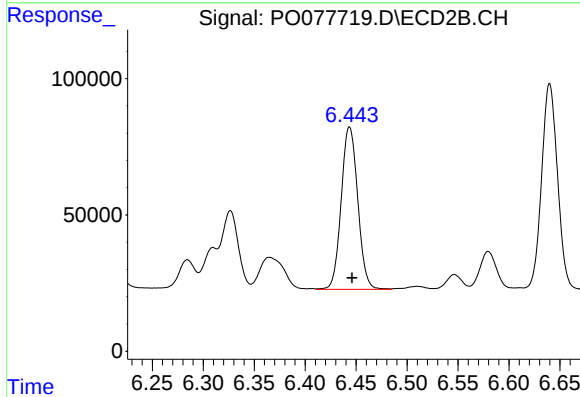
R.T.: 6.969 min
Delta R.T.: -0.004 min
Response: 976191
Conc: 785.68 ng/ml



#31 AR-1260-1

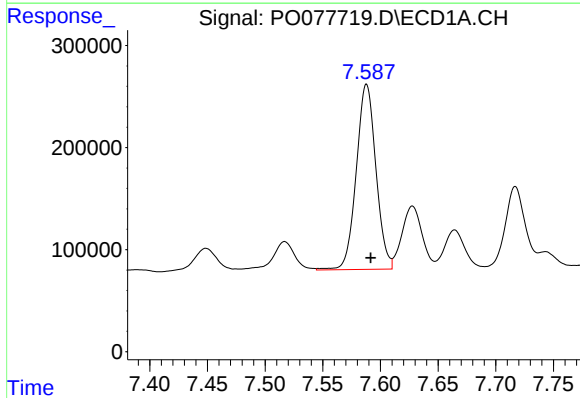
R.T.: 7.323 min
Delta R.T.: -0.004 min
Response: 1821466
Conc: 543.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



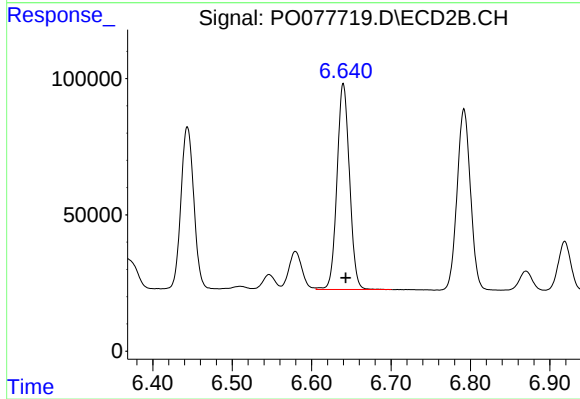
#31 AR-1260-1

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 675291
Conc: 685.48 ng/ml



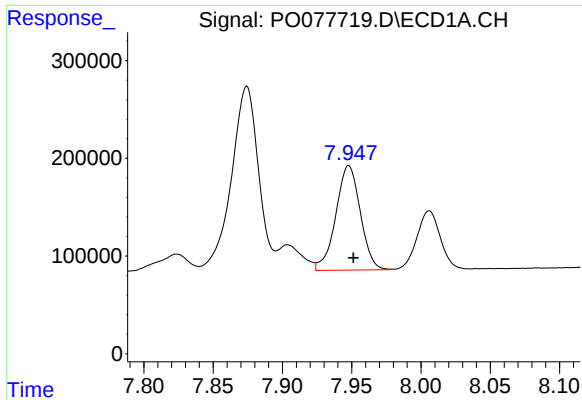
#32 AR-1260-2

R.T.: 7.588 min
Delta R.T.: -0.004 min
Response: 2148184
Conc: 533.70 ng/ml



#32 AR-1260-2

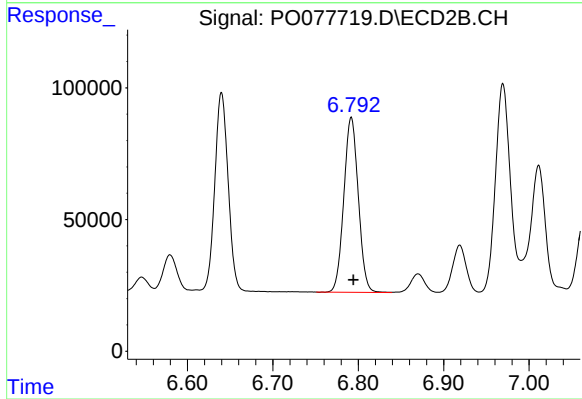
R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 826749
Conc: 686.81 ng/ml



#33 AR-1260-3

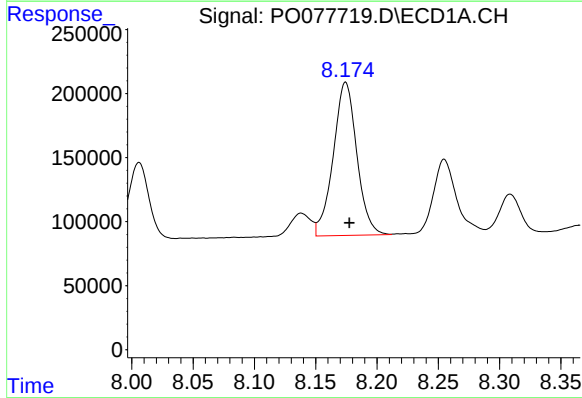
R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 1317078
Conc: 529.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



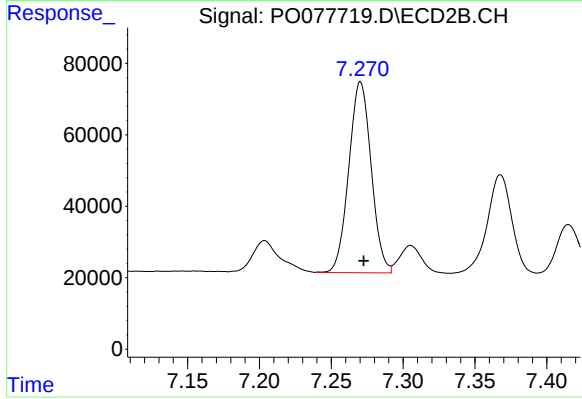
#33 AR-1260-3

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 780566
Conc: 703.67 ng/ml



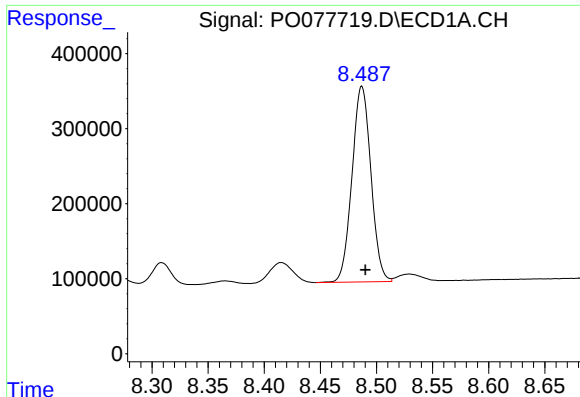
#34 AR-1260-4

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 1603468
Conc: 534.18 ng/ml



#34 AR-1260-4

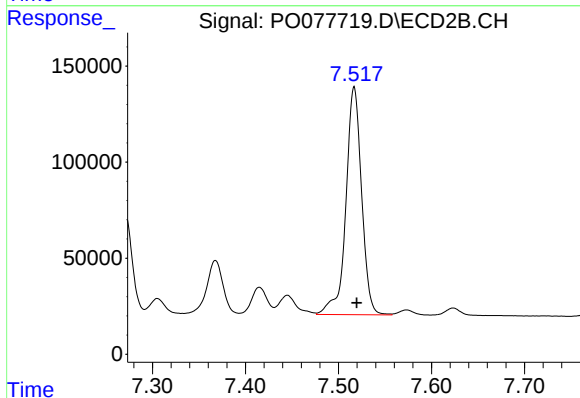
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 579687
Conc: 713.58 ng/ml



#35 AR-1260-5

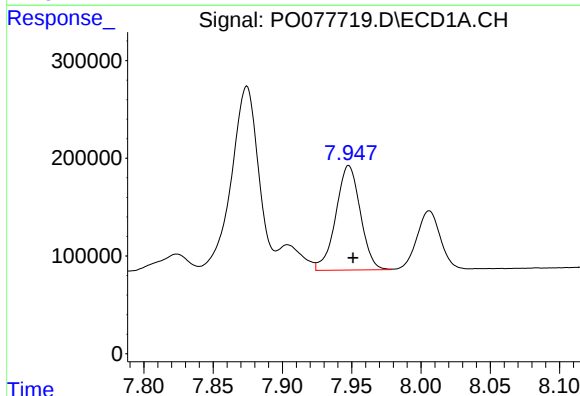
R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 3059321
Conc: 532.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



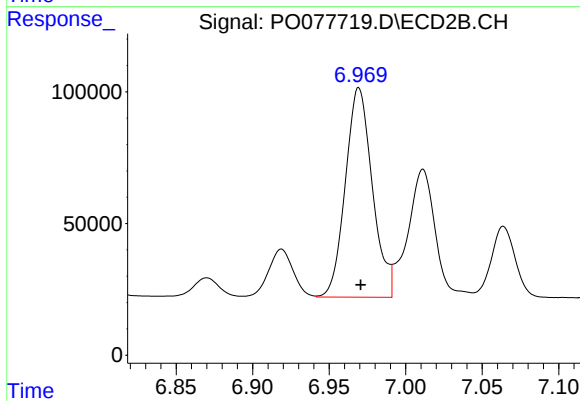
#35 AR-1260-5

R.T.: 7.517 min
Delta R.T.: -0.003 min
Response: 1394327
Conc: 719.25 ng/ml



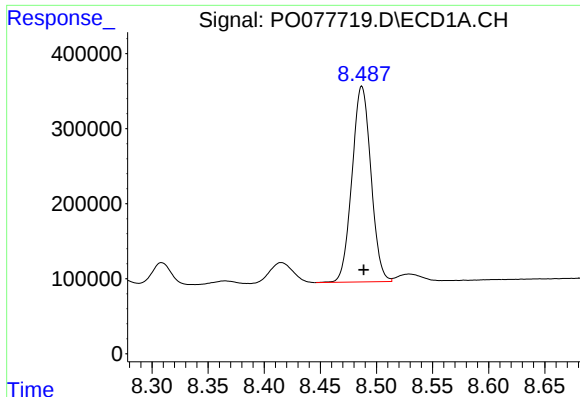
#36 AR-1262-1

R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 1317078
Conc: 343.41 ng/ml



#36 AR-1262-1

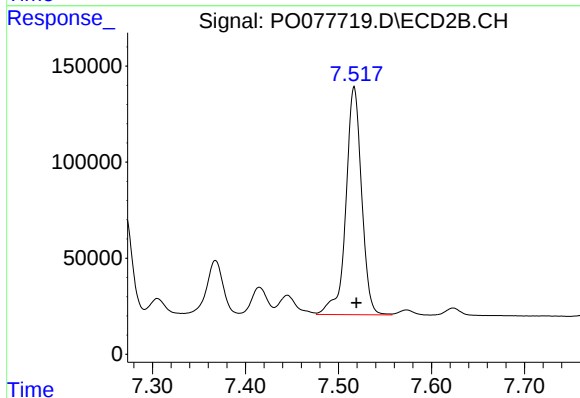
R.T.: 6.969 min
Delta R.T.: -0.001 min
Response: 976191
Conc: 1510.85 ng/ml



#37 AR-1262-2

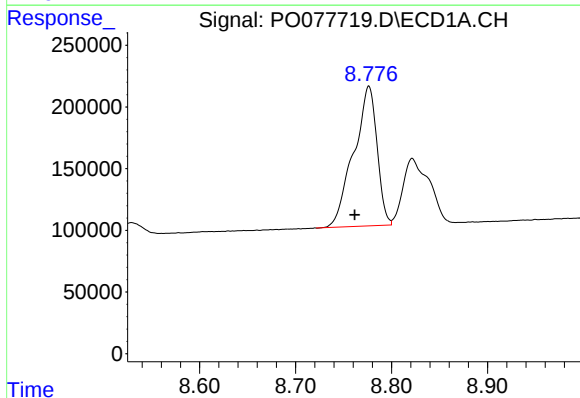
R.T.: 8.487 min
Delta R.T.: -0.002 min
Response: 3059321
Conc: 444.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



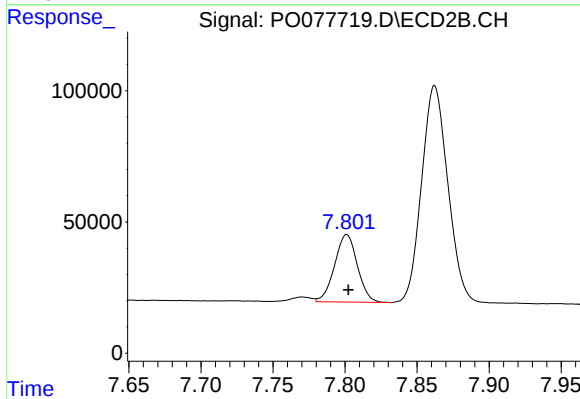
#37 AR-1262-2

R.T.: 7.517 min
Delta R.T.: -0.002 min
Response: 1394327
Conc: 630.09 ng/ml



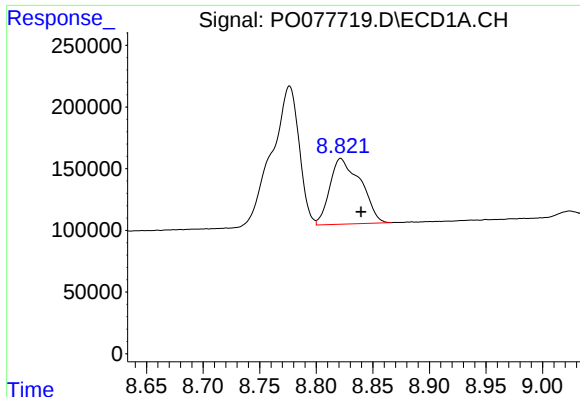
#38 AR-1262-3

R.T.: 8.776 min
Delta R.T.: 0.015 min
Response: 1922535
Conc: 431.12 ng/ml



#38 AR-1262-3

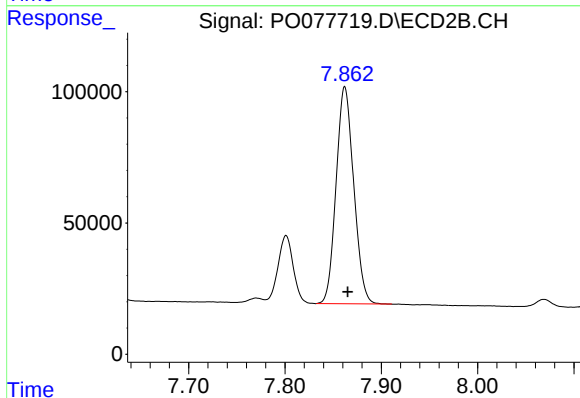
R.T.: 7.801 min
Delta R.T.: -0.001 min
Response: 283921
Conc: 317.31 ng/ml



#39 AR-1262-4

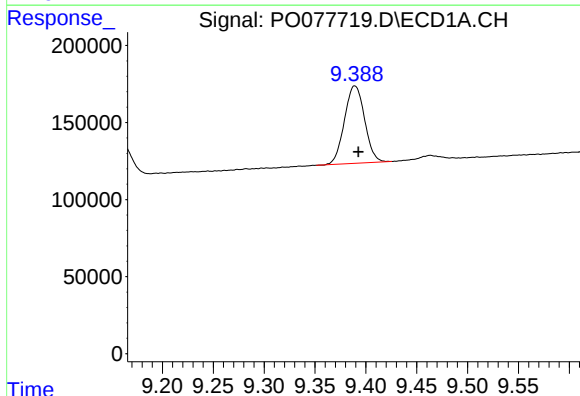
R.T.: 8.822 min
Delta R.T.: -0.018 min
Response: 1007443
Conc: 308.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



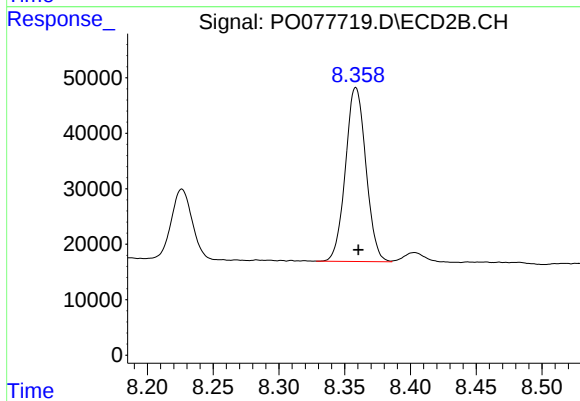
#39 AR-1262-4

R.T.: 7.862 min
Delta R.T.: -0.003 min
Response: 1049612
Conc: 629.33 ng/ml



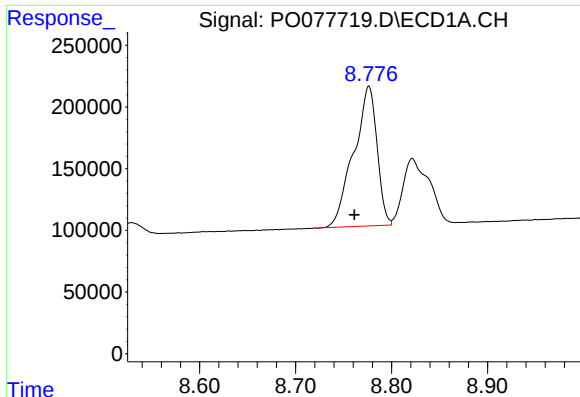
#40 AR-1262-5

R.T.: 9.389 min
Delta R.T.: -0.003 min
Response: 693646
Conc: 298.91 ng/ml



#40 AR-1262-5

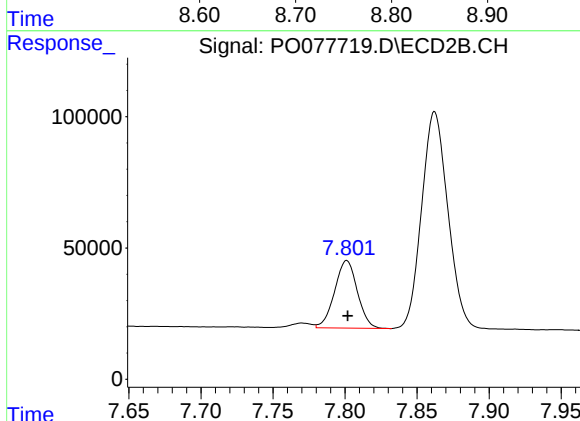
R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 339634
Conc: 421.76 ng/ml



#41 AR-1268-1

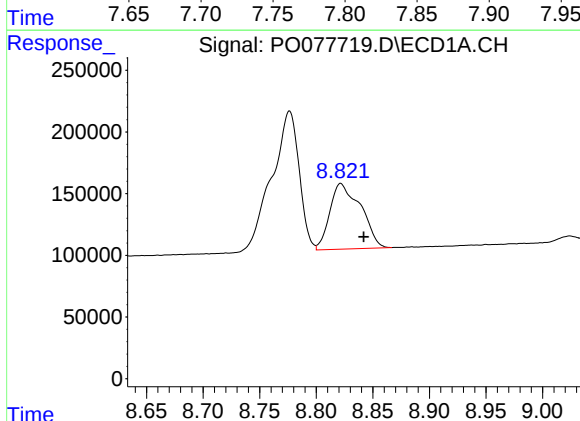
R.T.: 8.776 min
Delta R.T.: 0.015 min
Response: 1922535
Conc: 256.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



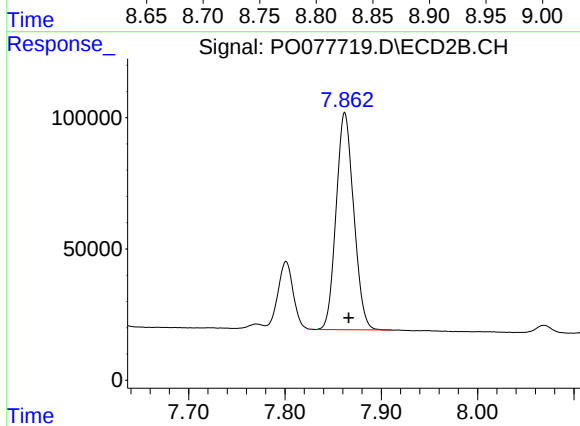
#41 AR-1268-1

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 283921
Conc: 115.69 ng/ml



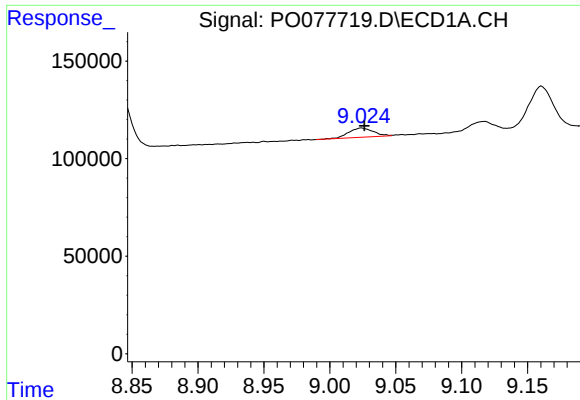
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: -0.020 min
Response: 1007443
Conc: 149.98 ng/ml



#42 AR-1268-2

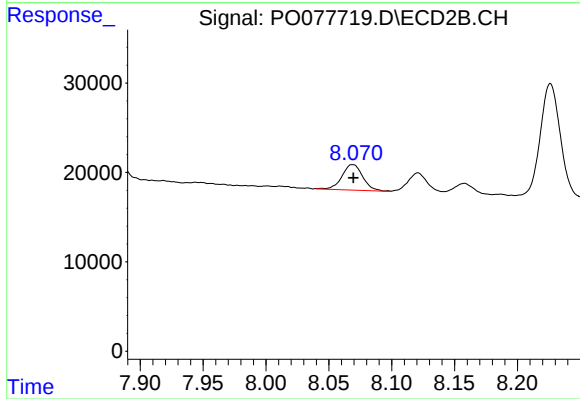
R.T.: 7.862 min
Delta R.T.: -0.004 min
Response: 1049612
Conc: 474.86 ng/ml



#43 AR-1268-3

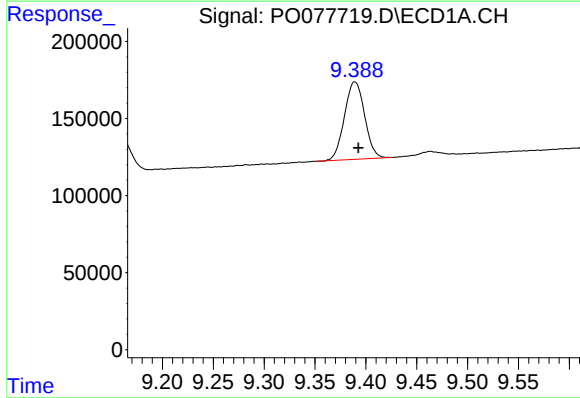
R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 61279
Conc: 10.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



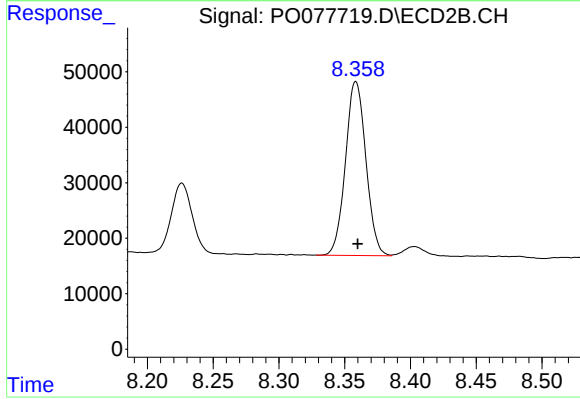
#43 AR-1268-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 33043
Conc: 17.58 ng/ml



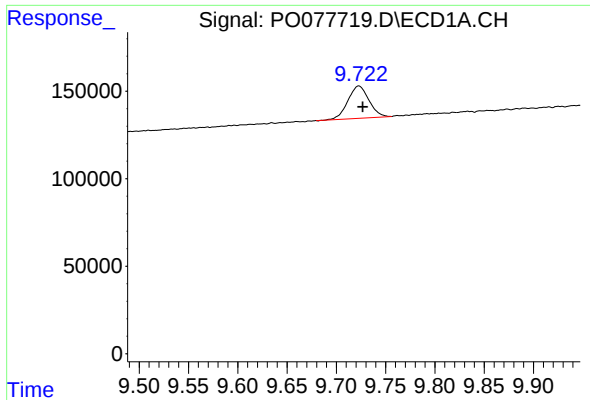
#44 AR-1268-4

R.T.: 9.389 min
Delta R.T.: -0.004 min
Response: 693646
Conc: 285.18 ng/ml



#44 AR-1268-4

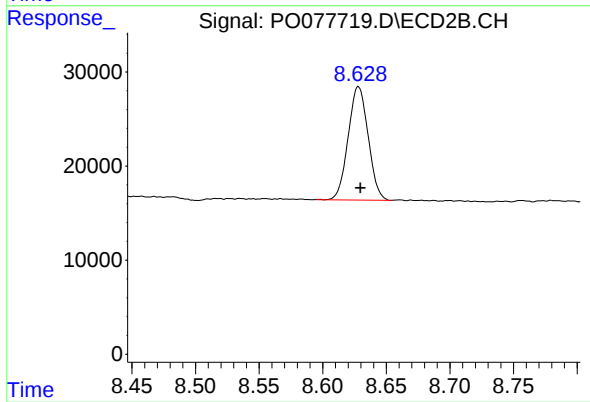
R.T.: 8.358 min
Delta R.T.: -0.001 min
Response: 339634
Conc: 398.08 ng/ml



#45 AR-1268-5

R.T.: 9.723 min
Delta R.T.: -0.004 min
Response: 274906
Conc: 14.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.628 min
Delta R.T.: -0.001 min
Response: 132130
Conc: 21.87 ng/ml