

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101218\
 Data File : PO049983.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Oct 2018 12:31
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:52:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 13 01:14:39 2018
 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...	4.351	3.366	9689368	8027857	68.857	47.420 #
2)	SA Decachlor...	10.106	8.130	8753978	6695230	85.020	57.043 #
Target Compounds							
3)	L1 AR-1016-1	5.524	4.388	3763521	2734340	753.579	492.875 #
4)	L1 AR-1016-2	5.547	4.404	5763923	4650665	743.033	530.784 #
5)	L1 AR-1016-3	5.609	4.569	3752715	2462114	785.863	523.882 #
6)	L1 AR-1016-4	5.708	4.612	3092412	2125054	783.265	510.581 #
7)	L1 AR-1016-5	6.005	4.811	3194793	2328487	743.262	434.472 #
8)	L2 AR-1221-1	4.558	3.571	346538	255245	229.483	159.096 #
9)	L2 AR-1221-2	4.648	3.650	513475	399434	454.722	324.516 #
10)	L2 AR-1221-3	4.724	3.722	1931275	1571039	550.785	400.760 #
11)	L3 AR-1232-1	4.724	3.722	1931275	1571039	706.140	531.762
12)	L3 AR-1232-2	5.255	4.404	2963622	4650665	1915.869	1426.464 #
13)	L3 AR-1232-3	5.547	4.569	5763923	2462114	2057.782	1582.550
14)	L3 AR-1232-4	5.708	4.651	3092412	2548328	2286.367	1699.051 #
15)	L3 AR-1232-5	5.799	4.811	2796759	2328487	2634.451	1373.577 #
16)	L4 AR-1242-1	5.524	4.388	3763521	2734340	1030.691	752.463 #
17)	L4 AR-1242-2	5.547	4.404	5763923	4650665	1037.038	764.823 #
18)	L4 AR-1242-3	5.609	4.569	3752715	2462114	1111.957	770.583 #
19)	L4 AR-1242-4	5.708	4.651	3092412	2548328	1128.136	735.539 #
20)	L4 AR-1242-5	6.454	5.147	995440	2772524	323.670	697.848 #
21)	L5 AR-1248-1	5.524	4.388	3763521	2734340	1278.465	920.853 #
22)	L5 AR-1248-2	5.799	4.612	2796759	2125054	606.610	427.770 #
23)	L5 AR-1248-3	6.005	4.651	3194793	2548328	607.630	509.303
24)	L5 AR-1248-4	6.414	4.811	1181020	2328487	218.677	380.554 #
25)	L5 AR-1248-5	6.454	5.184	995440	659820	189.059	125.084 #
26)	L6 AR-1254-1	6.387	5.147	3228022	2772524	451.834	265.102 #
27)	L6 AR-1254-2	6.608	5.289	2525730	2027381	230.138	219.658
28)	L6 AR-1254-3	6.980	5.689	1357907	4354897	117.422	295.424 #
29)	L6 AR-1254-4	7.269	5.894	1055589	341898	137.570	43.336 #
30)	L6 AR-1254-5	7.693	6.297	8125665	7151506	935.725	591.027 #
31)	L7 AR-1260-1	7.145	5.799	6879874	6299584	758.151	541.365 #
32)	L7 AR-1260-2	7.407	5.983	7242600	6663417	715.203	524.713 #
33)	L7 AR-1260-3	7.724	6.128	1007327	6563084	134.380	527.948 #
34)	L7 AR-1260-4	7.963	6.586	834230	5101659	99.812	546.900 #
35)	L7 AR-1260-5	8.318	6.824	10158191	10669243	675.074	544.623
36)	L8 AR-1262-1	7.770	6.336	5529411	5687555	567.014	479.985
37)	L8 AR-1262-2	8.318	6.824	10158191	10669243	676.736	591.587
38)	L8 AR-1262-3	8.641	7.100	6318875	2176636	644.908	306.665 #
39)	L8 AR-1262-4	8.698	7.160	4336638	7424039	584.484	562.862
40)	L8 AR-1262-5	9.286	7.645	663376	2085948	147.186	407.112 #
41)	L9 AR-1268-1	8.641	7.100	6318875	2176636	297.121	90.492 #

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

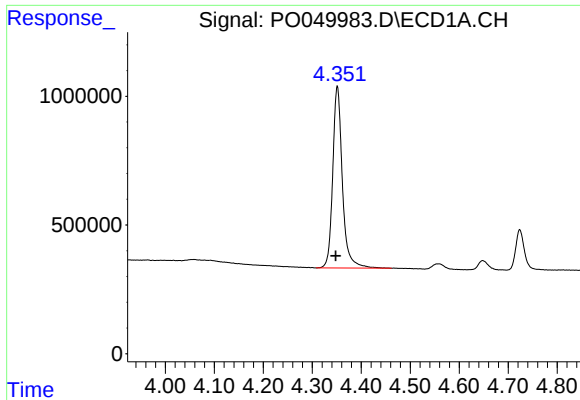
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 03:52:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101218.M
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 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	8.698	7.160	4336638	7424039	234.592	329.993 #
43) L9	AR-1268-3	0.000	7.364	0	159518	N.D.	7.769 #
44) L9	AR-1268-4	9.286	7.645	663376	2085948	113.190	319.696 #
45) L9	AR-1268-5	9.776	7.912	680916	575220	14.926	11.871

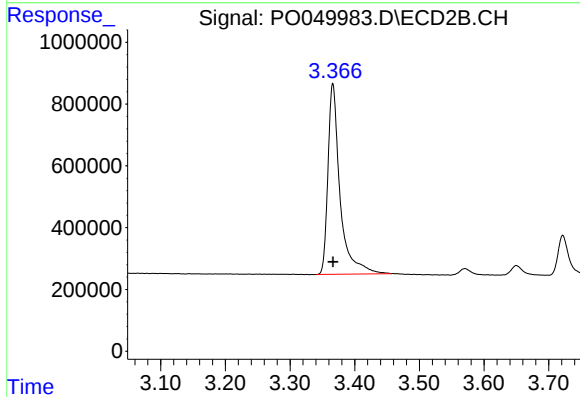
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

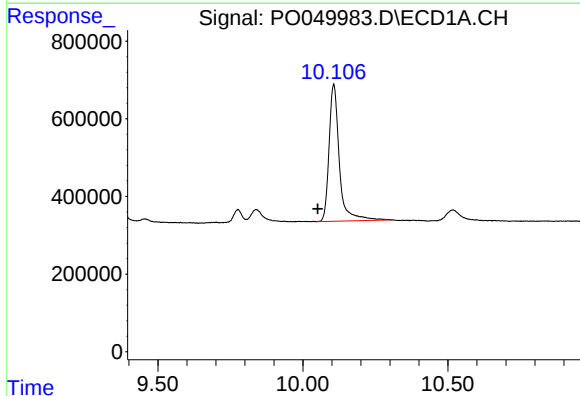
R.T.: 4.351 min
Delta R.T.: 0.003 min
Response: 9689368
Conc: 68.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



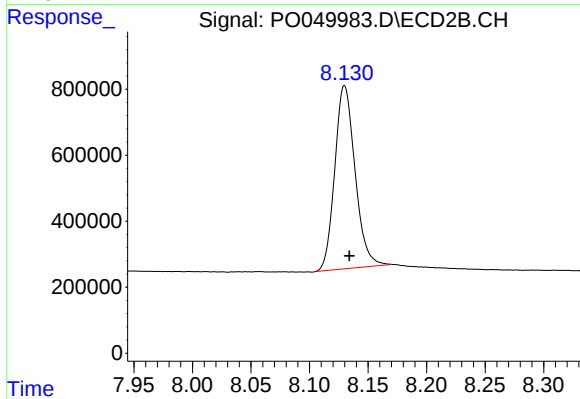
#1 Tetrachloro-m-xylene

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 8027857
Conc: 47.42 ng/ml



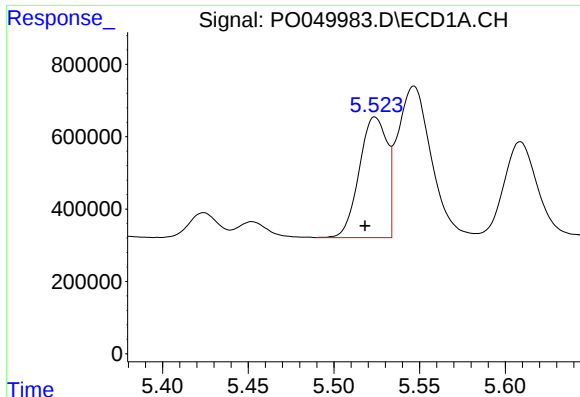
#2 Decachlorobiphenyl

R.T.: 10.106 min
Delta R.T.: 0.055 min
Response: 8753978
Conc: 85.02 ng/ml



#2 Decachlorobiphenyl

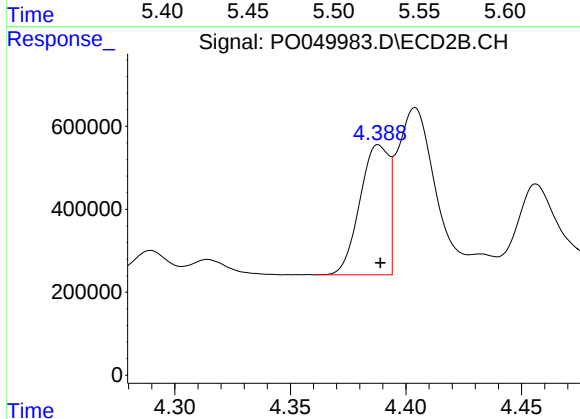
R.T.: 8.130 min
Delta R.T.: -0.004 min
Response: 6695230
Conc: 57.04 ng/ml



#3 AR-1016-1

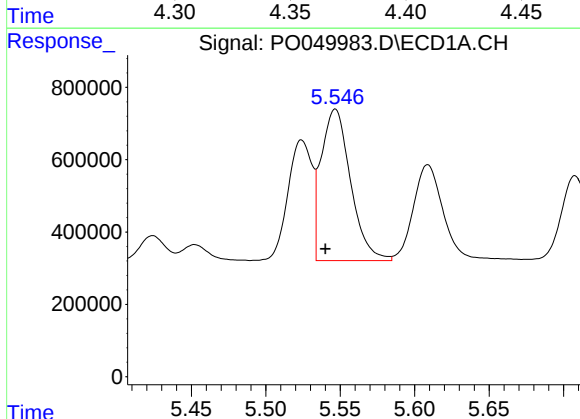
R.T.: 5.524 min
Delta R.T.: 0.006 min
Response: 3763521
Conc: 753.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



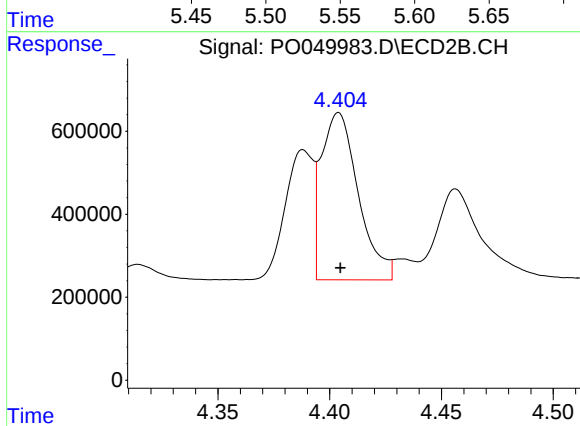
#3 AR-1016-1

R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 2734340
Conc: 492.88 ng/ml



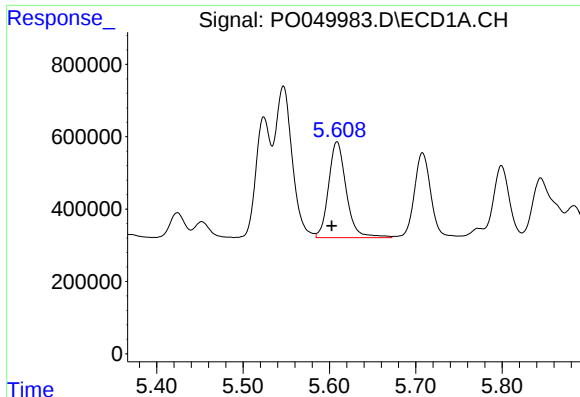
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.007 min
Response: 5763923
Conc: 743.03 ng/ml



#4 AR-1016-2

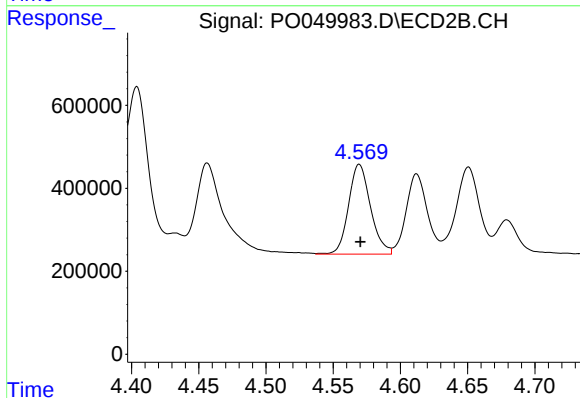
R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 4650665
Conc: 530.78 ng/ml



#5 AR-1016-3

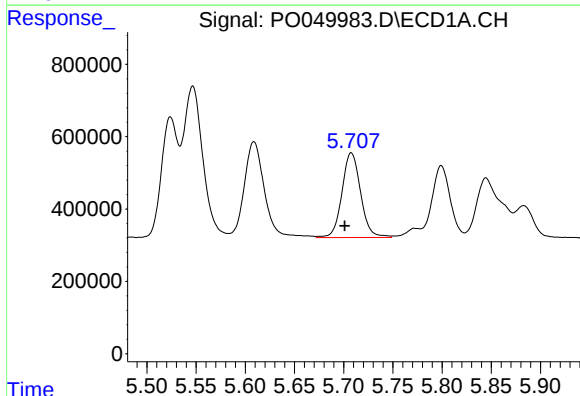
R.T.: 5.609 min
Delta R.T.: 0.006 min
Response: 3752715
Conc: 785.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



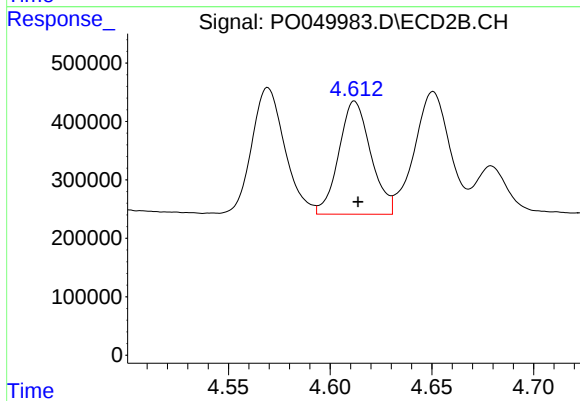
#5 AR-1016-3

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 2462114
Conc: 523.88 ng/ml



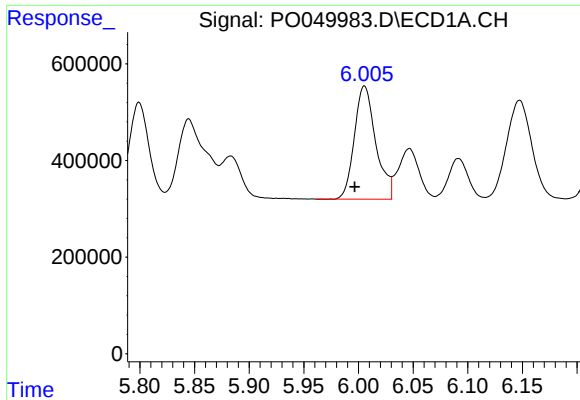
#6 AR-1016-4

R.T.: 5.708 min
Delta R.T.: 0.007 min
Response: 3092412
Conc: 783.26 ng/ml



#6 AR-1016-4

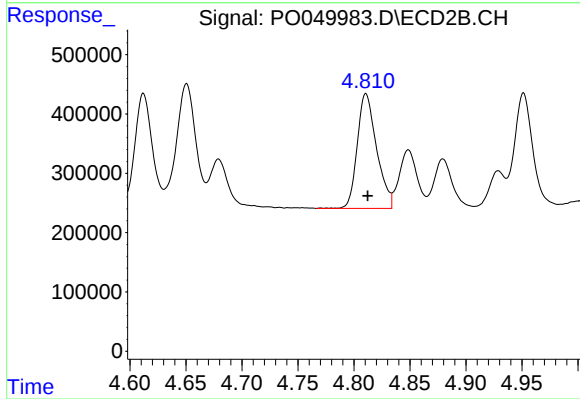
R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2125054
Conc: 510.58 ng/ml



#7 AR-1016-5

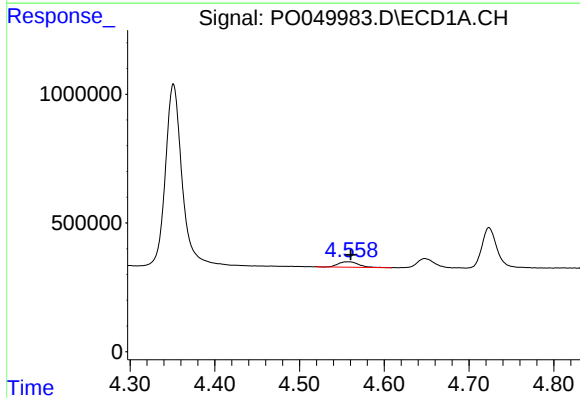
R.T.: 6.005 min
Delta R.T.: 0.009 min
Response: 3194793
Conc: 743.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



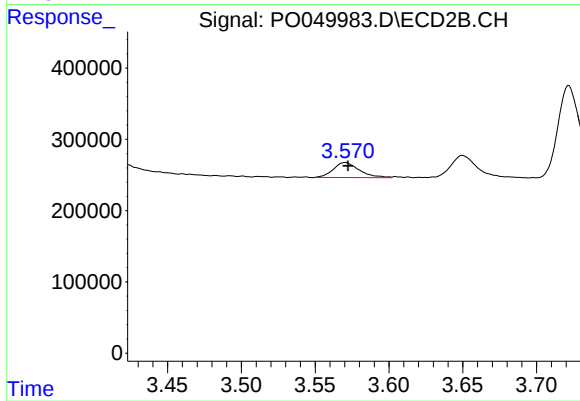
#7 AR-1016-5

R.T.: 4.811 min
Delta R.T.: -0.002 min
Response: 2328487
Conc: 434.47 ng/ml



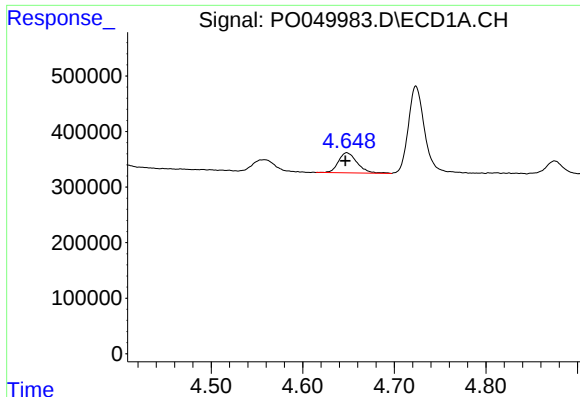
#8 AR-1221-1

R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 346538
Conc: 229.48 ng/ml



#8 AR-1221-1

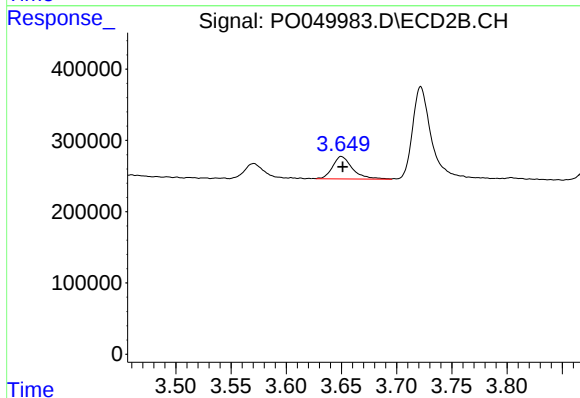
R.T.: 3.571 min
Delta R.T.: -0.002 min
Response: 255245
Conc: 159.10 ng/ml



#9 AR-1221-2

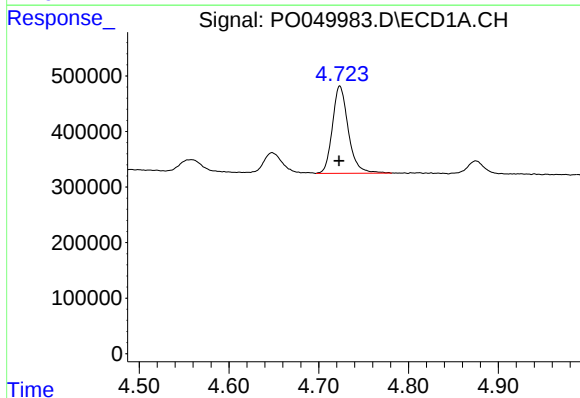
R.T.: 4.648 min
Delta R.T.: 0.001 min
Response: 513475
Conc: 454.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



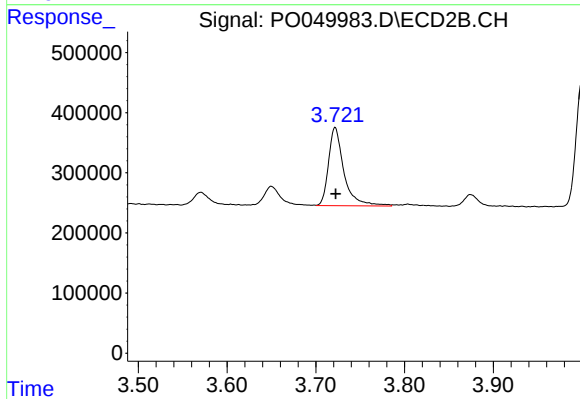
#9 AR-1221-2

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 399434
Conc: 324.52 ng/ml



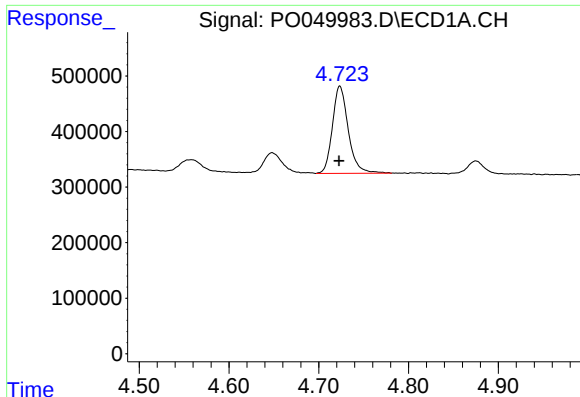
#10 AR-1221-3

R.T.: 4.724 min
Delta R.T.: 0.001 min
Response: 1931275
Conc: 550.79 ng/ml



#10 AR-1221-3

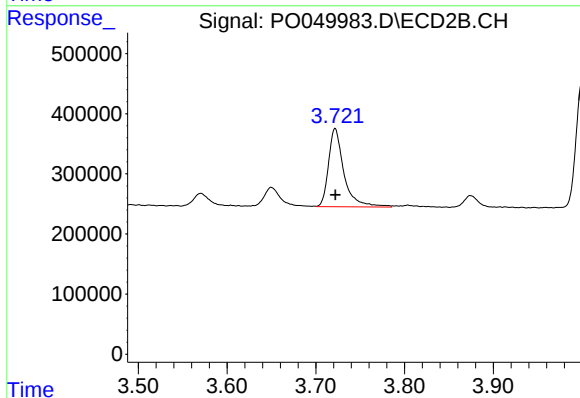
R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1571039
Conc: 400.76 ng/ml



#11 AR-1232-1

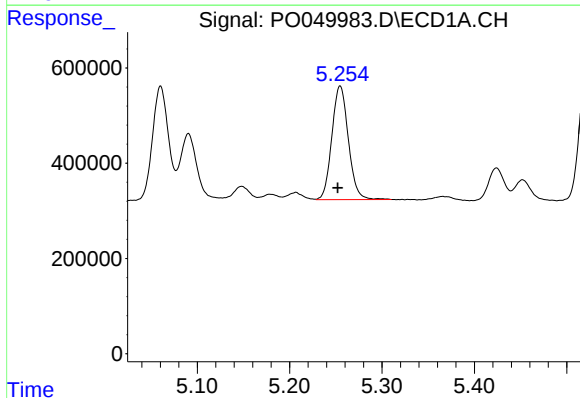
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1931275
Conc: 706.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



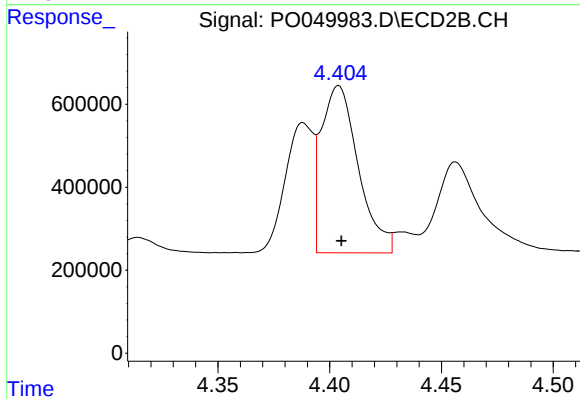
#11 AR-1232-1

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1571039
Conc: 531.76 ng/ml



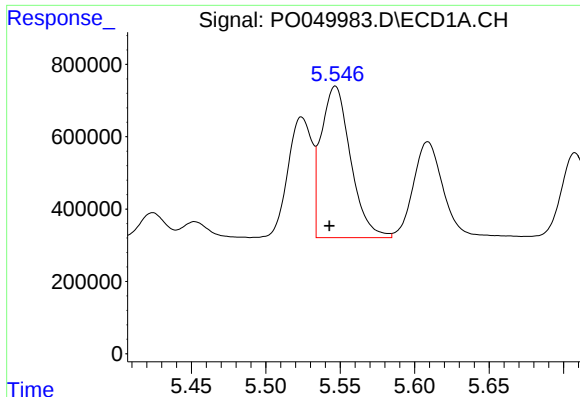
#12 AR-1232-2

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 2963622
Conc: 1915.87 ng/ml



#12 AR-1232-2

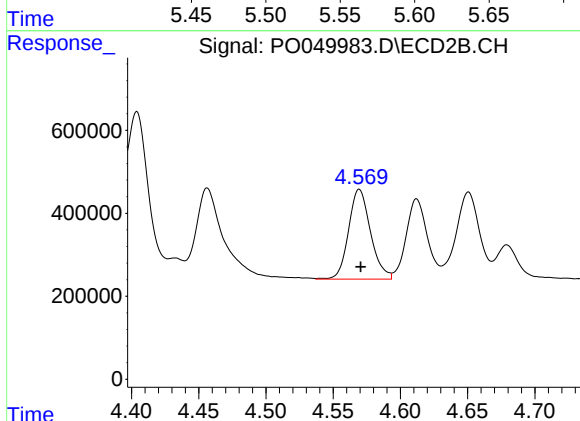
R.T.: 4.404 min
Delta R.T.: -0.001 min
Response: 4650665
Conc: 1426.46 ng/ml



#13 AR-1232-3

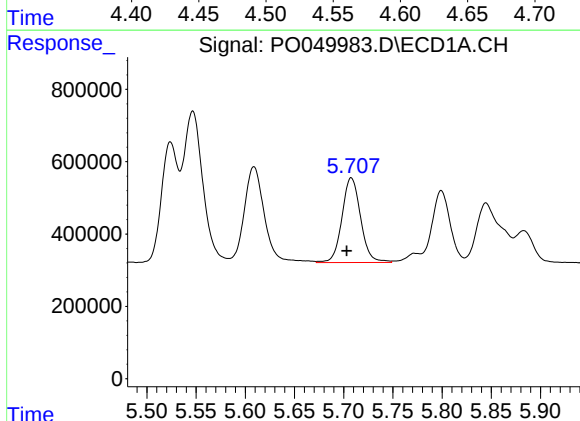
R.T.: 5.547 min
Delta R.T.: 0.004 min
Response: 5763923
Conc: 2057.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



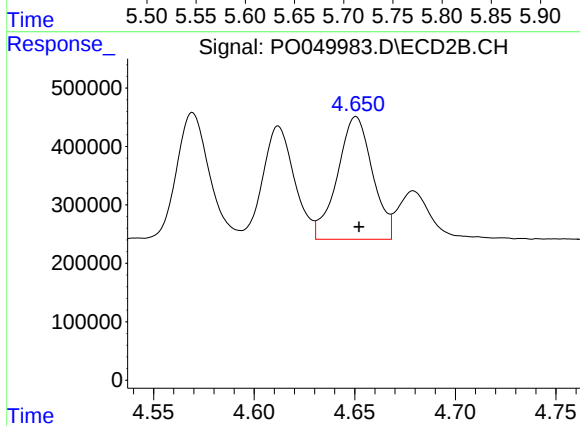
#13 AR-1232-3

R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 2462114
Conc: 1582.55 ng/ml



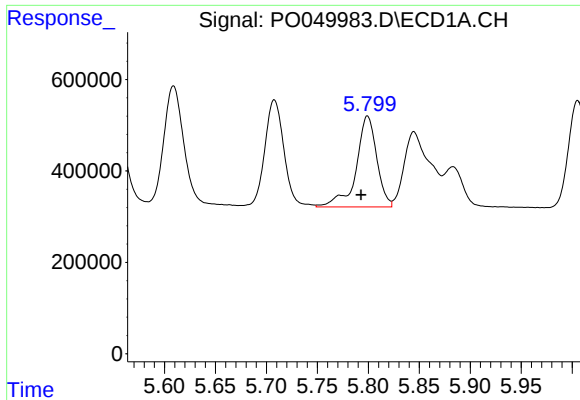
#14 AR-1232-4

R.T.: 5.708 min
Delta R.T.: 0.004 min
Response: 3092412
Conc: 2286.37 ng/ml



#14 AR-1232-4

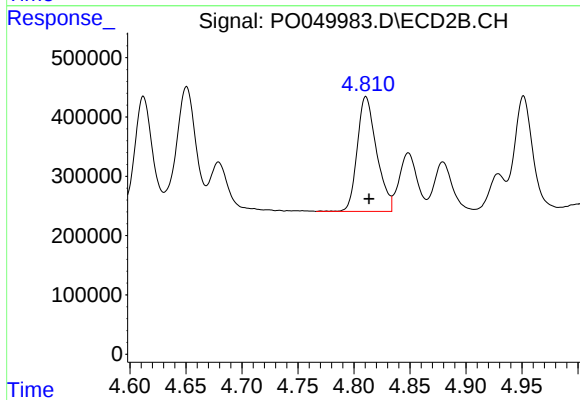
R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 2548328
Conc: 1699.05 ng/ml



#15 AR-1232-5

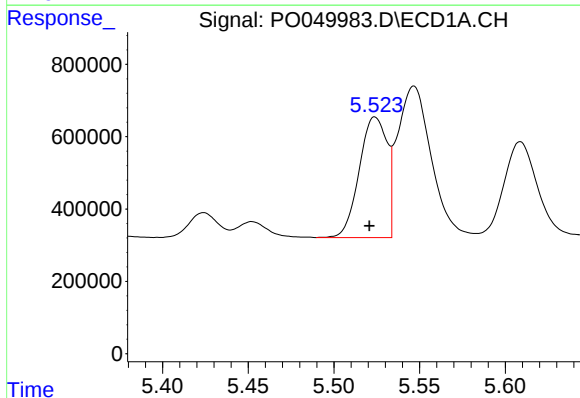
R.T.: 5.799 min
Delta R.T.: 0.006 min
Response: 2796759
Conc: 2634.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



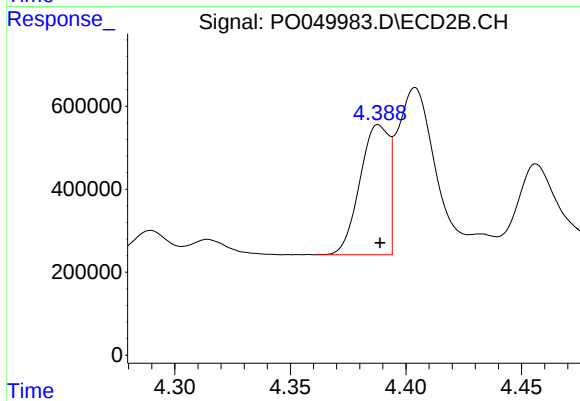
#15 AR-1232-5

R.T.: 4.811 min
Delta R.T.: -0.003 min
Response: 2328487
Conc: 1373.58 ng/ml



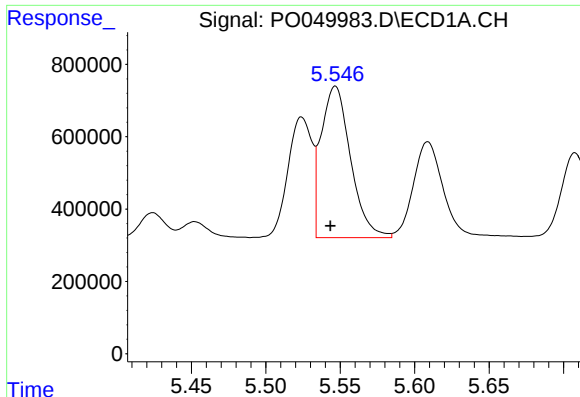
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: 0.003 min
Response: 3763521
Conc: 1030.69 ng/ml



#16 AR-1242-1

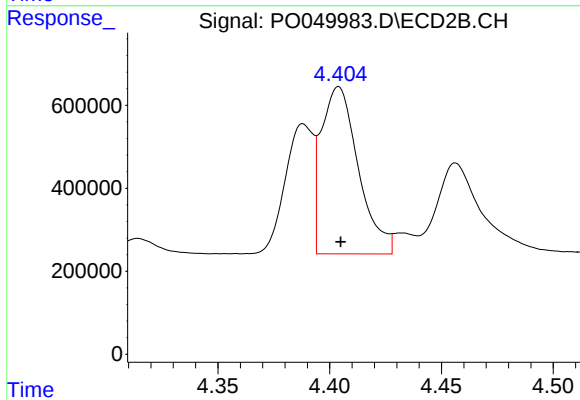
R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 2734340
Conc: 752.46 ng/ml



#17 AR-1242-2

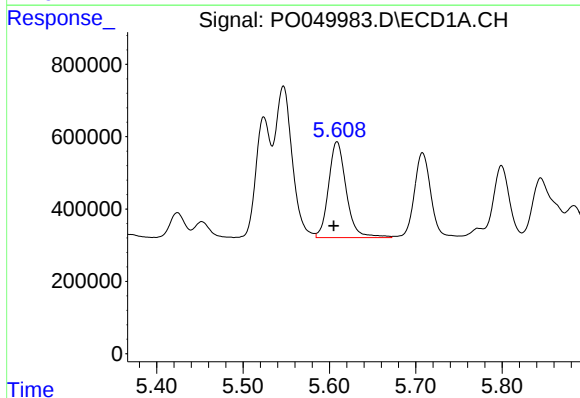
R.T.: 5.547 min
Delta R.T.: 0.003 min
Response: 5763923
Conc: 1037.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



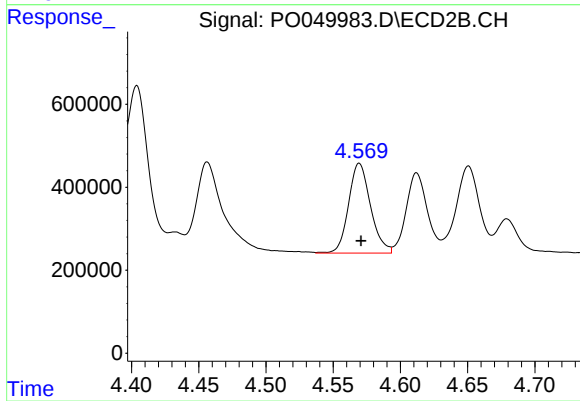
#17 AR-1242-2

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 4650665
Conc: 764.82 ng/ml



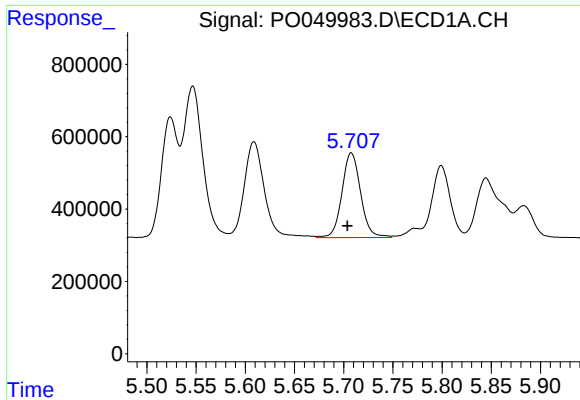
#18 AR-1242-3

R.T.: 5.609 min
Delta R.T.: 0.004 min
Response: 3752715
Conc: 1111.96 ng/ml



#18 AR-1242-3

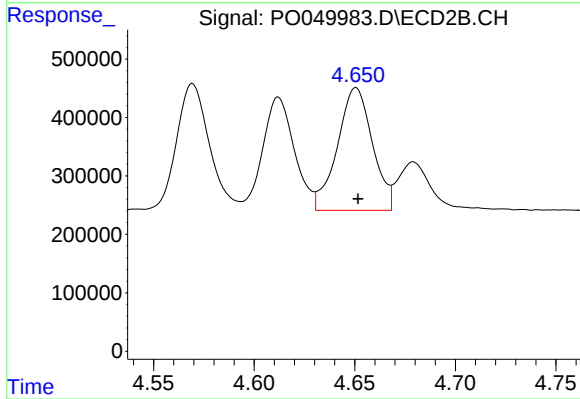
R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 2462114
Conc: 770.58 ng/ml



#19 AR-1242-4

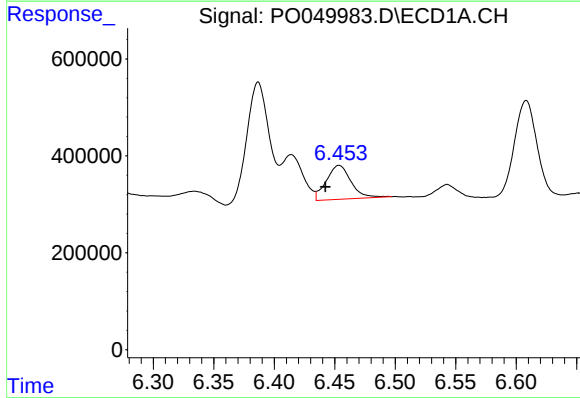
R.T.: 5.708 min
Delta R.T.: 0.004 min
Response: 3092412
Conc: 1128.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



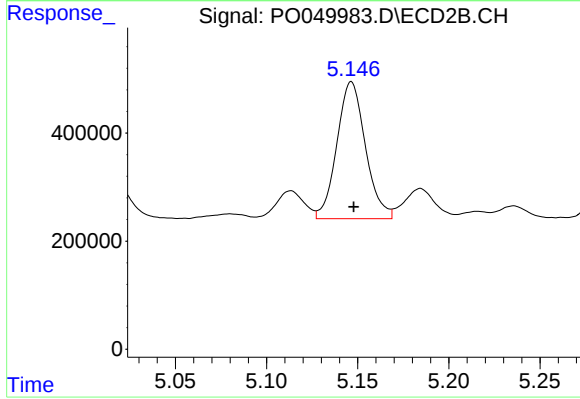
#19 AR-1242-4

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 2548328
Conc: 735.54 ng/ml



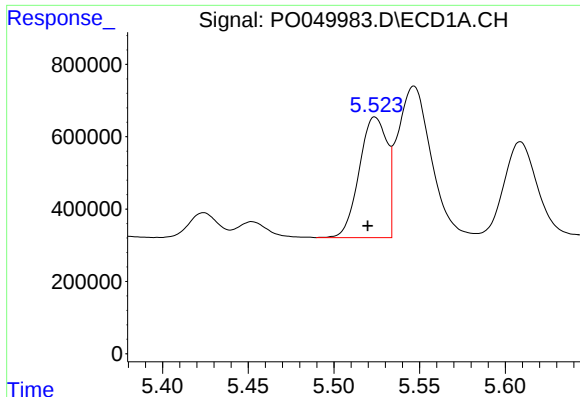
#20 AR-1242-5

R.T.: 6.454 min
Delta R.T.: 0.011 min
Response: 995440
Conc: 323.67 ng/ml



#20 AR-1242-5

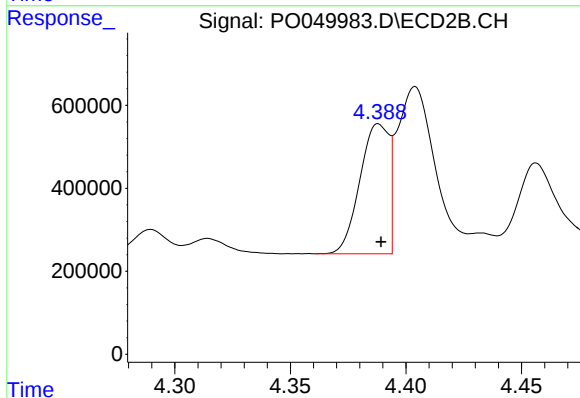
R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 2772524
Conc: 697.85 ng/ml



#21 AR-1248-1

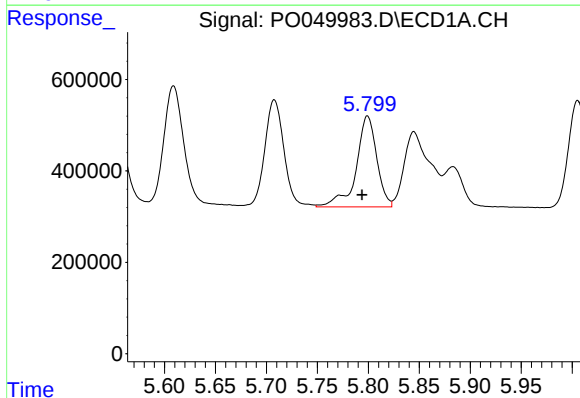
R.T.: 5.524 min
Delta R.T.: 0.004 min
Response: 3763521
Conc: 1278.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



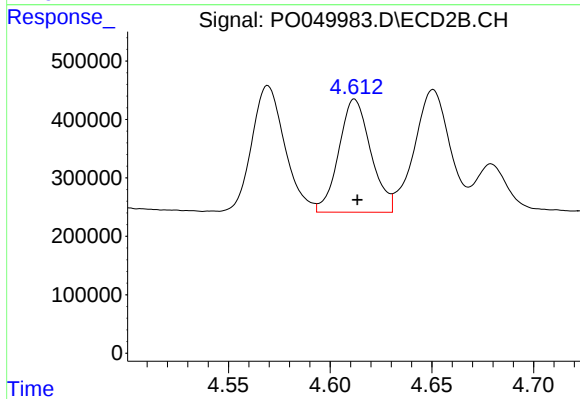
#21 AR-1248-1

R.T.: 4.388 min
Delta R.T.: -0.001 min
Response: 2734340
Conc: 920.85 ng/ml



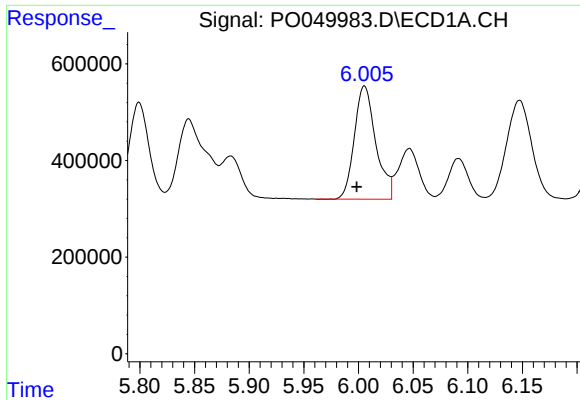
#22 AR-1248-2

R.T.: 5.799 min
Delta R.T.: 0.005 min
Response: 2796759
Conc: 606.61 ng/ml



#22 AR-1248-2

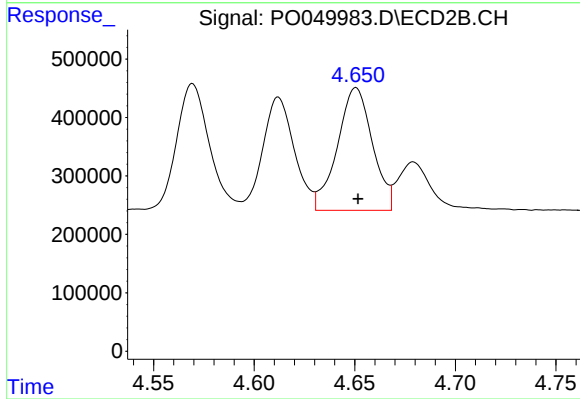
R.T.: 4.612 min
Delta R.T.: -0.001 min
Response: 2125054
Conc: 427.77 ng/ml



#23 AR-1248-3

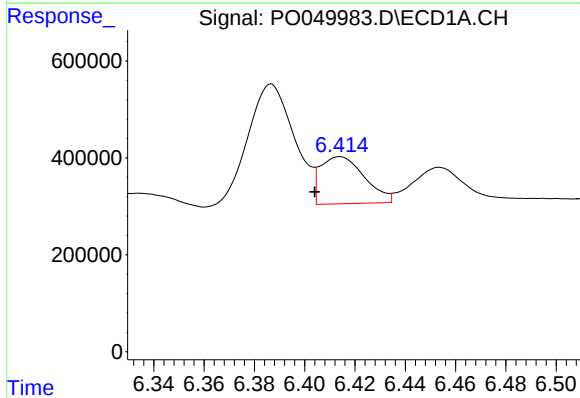
R.T.: 6.005 min
Delta R.T.: 0.007 min
Response: 3194793
Conc: 607.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



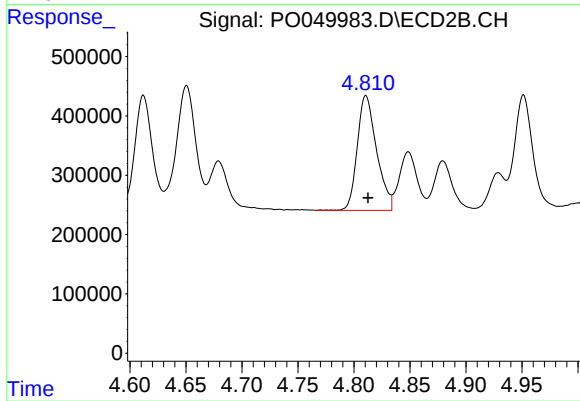
#23 AR-1248-3

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 2548328
Conc: 509.30 ng/ml



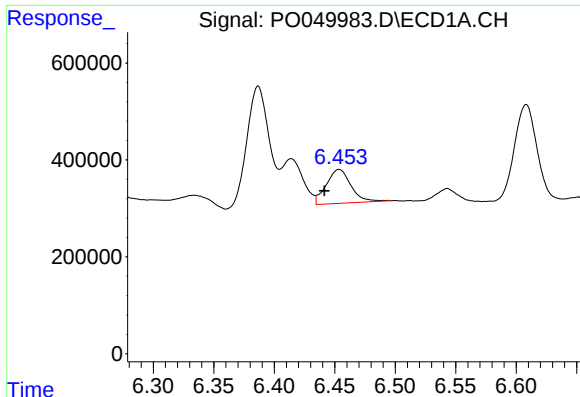
#24 AR-1248-4

R.T.: 6.414 min
Delta R.T.: 0.010 min
Response: 1181020
Conc: 218.68 ng/ml



#24 AR-1248-4

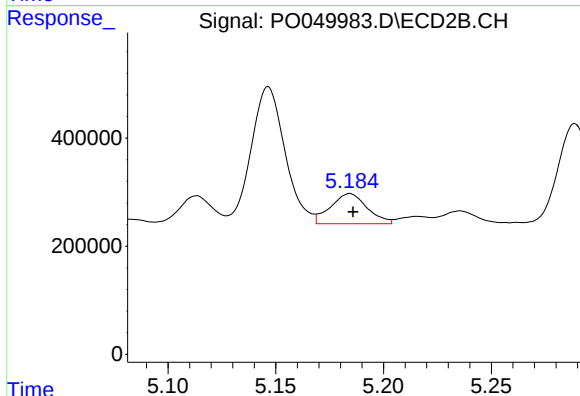
R.T.: 4.811 min
Delta R.T.: -0.002 min
Response: 2328487
Conc: 380.55 ng/ml



#25 AR-1248-5

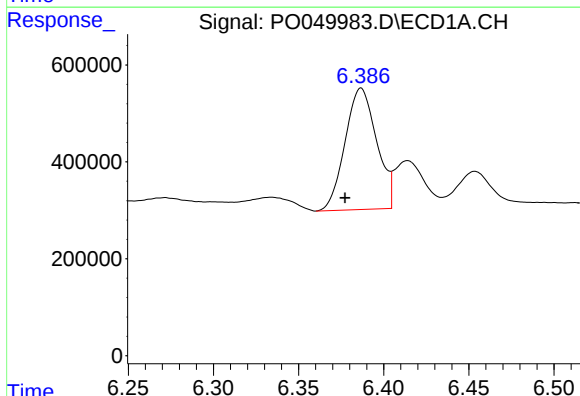
R.T.: 6.454 min
Delta R.T.: 0.012 min
Response: 995440
Conc: 189.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



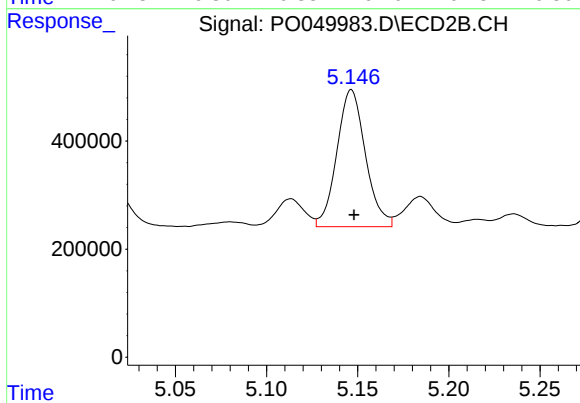
#25 AR-1248-5

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 659820
Conc: 125.08 ng/ml



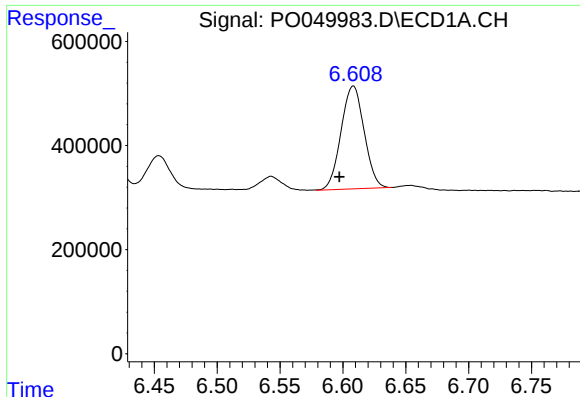
#26 AR-1254-1

R.T.: 6.387 min
Delta R.T.: 0.009 min
Response: 3228022
Conc: 451.83 ng/ml



#26 AR-1254-1

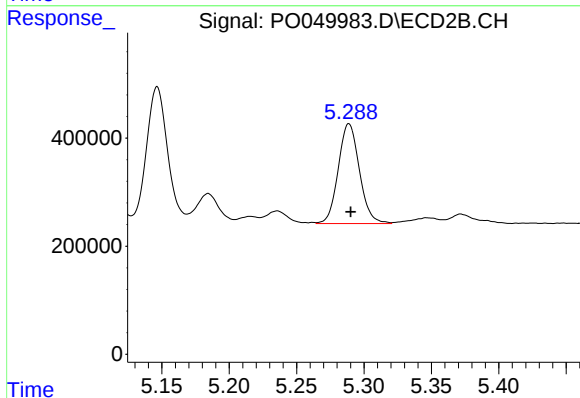
R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 2772524
Conc: 265.10 ng/ml



#27 AR-1254-2

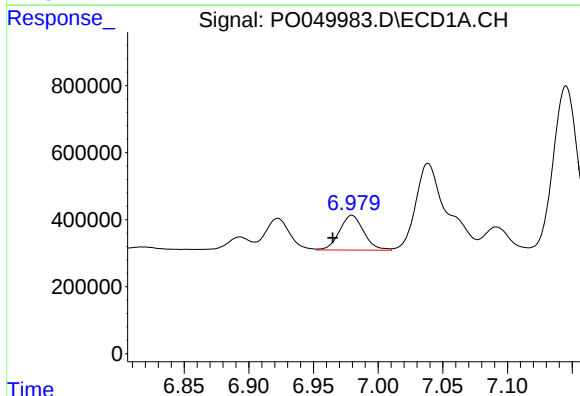
R.T.: 6.608 min
Delta R.T.: 0.011 min
Response: 2525730
Conc: 230.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



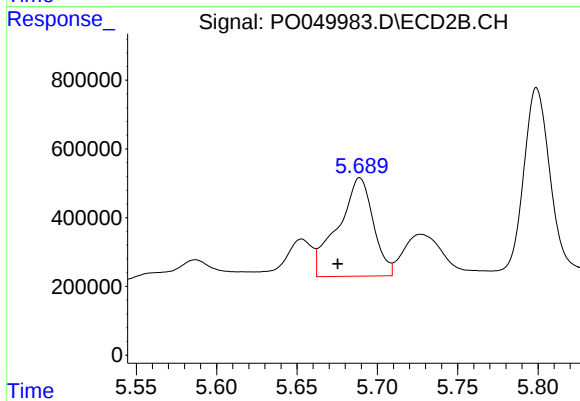
#27 AR-1254-2

R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 2027381
Conc: 219.66 ng/ml



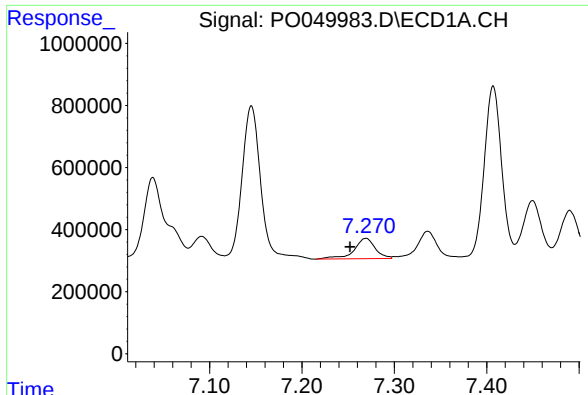
#28 AR-1254-3

R.T.: 6.980 min
Delta R.T.: 0.015 min
Response: 1357907
Conc: 117.42 ng/ml



#28 AR-1254-3

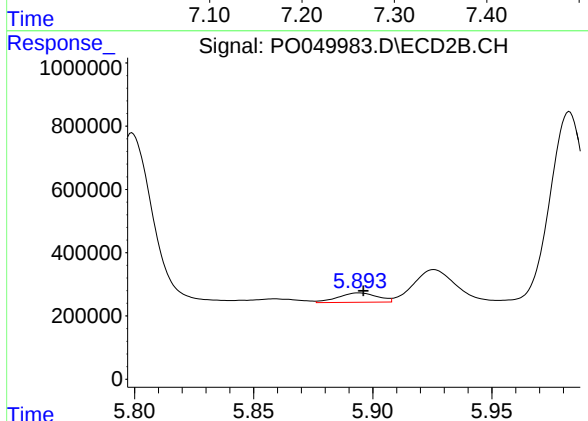
R.T.: 5.689 min
Delta R.T.: 0.014 min
Response: 4354897
Conc: 295.42 ng/ml



#29 AR-1254-4

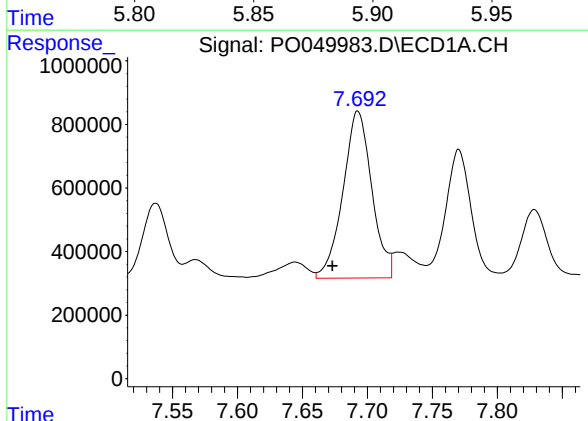
R.T.: 7.269 min
Delta R.T.: 0.017 min
Response: 1055589
Conc: 137.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



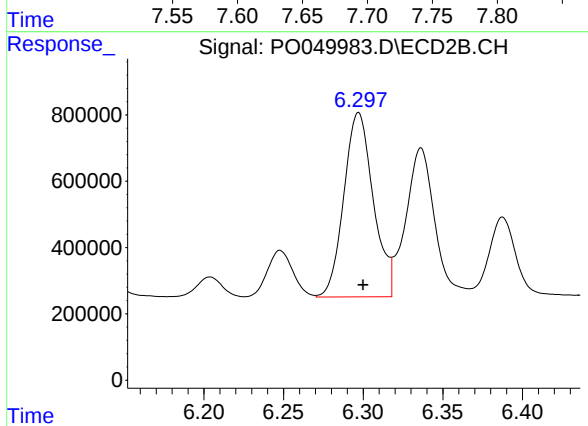
#29 AR-1254-4

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 341898
Conc: 43.34 ng/ml



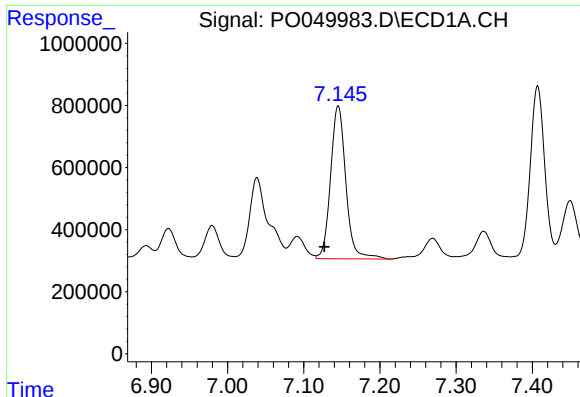
#30 AR-1254-5

R.T.: 7.693 min
Delta R.T.: 0.020 min
Response: 8125665
Conc: 935.73 ng/ml



#30 AR-1254-5

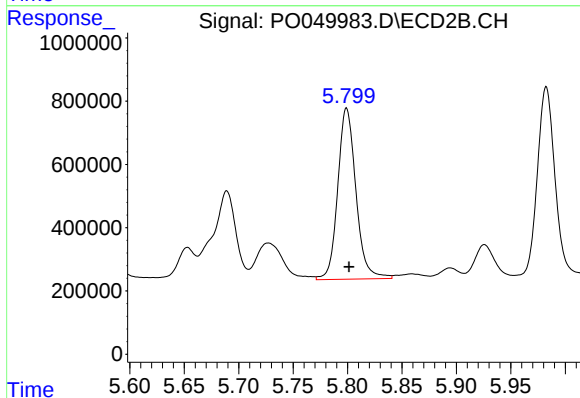
R.T.: 6.297 min
Delta R.T.: -0.003 min
Response: 7151506
Conc: 591.03 ng/ml



#31 AR-1260-1

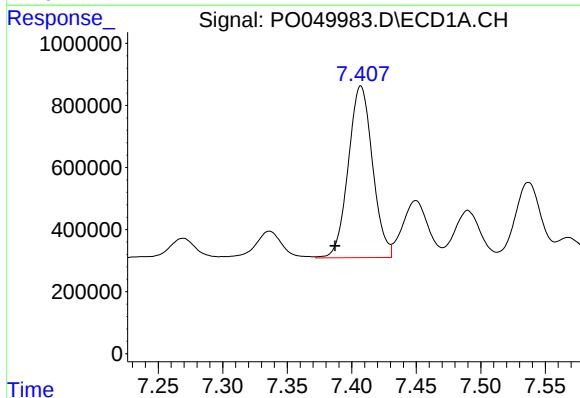
R.T.: 7.145 min
Delta R.T.: 0.018 min
Response: 6879874
Conc: 758.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



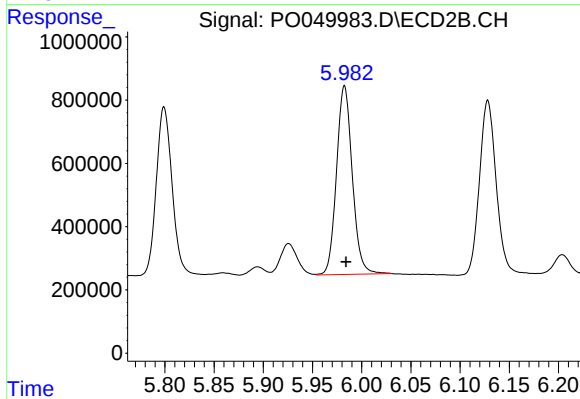
#31 AR-1260-1

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 6299584
Conc: 541.36 ng/ml



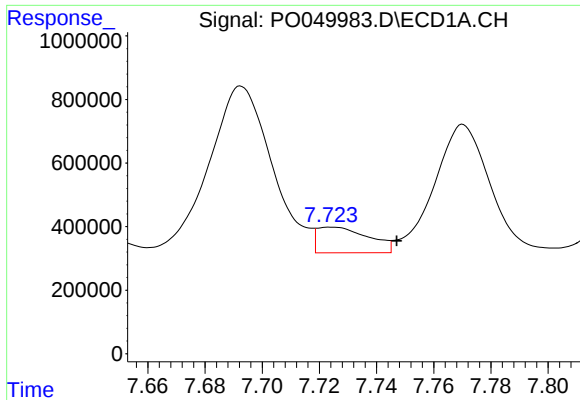
#32 AR-1260-2

R.T.: 7.407 min
Delta R.T.: 0.020 min
Response: 7242600
Conc: 715.20 ng/ml



#32 AR-1260-2

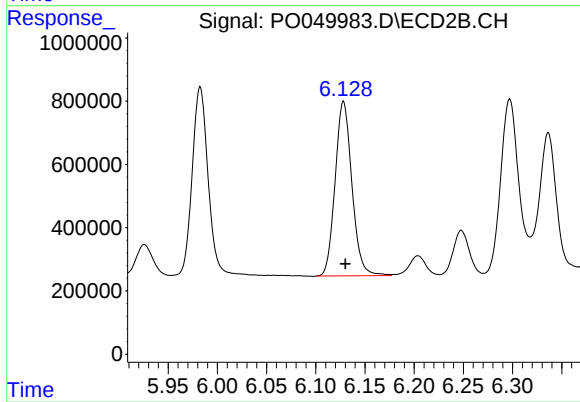
R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 6663417
Conc: 524.71 ng/ml



#33 AR-1260-3

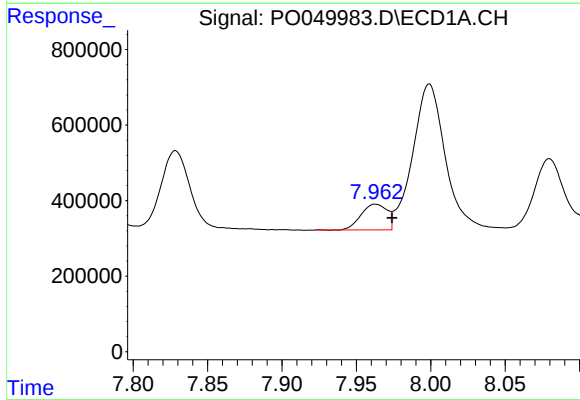
R.T.: 7.724 min
Delta R.T.: -0.023 min
Response: 1007327
Conc: 134.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



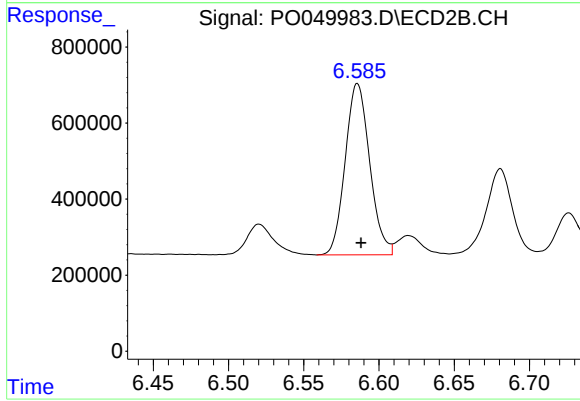
#33 AR-1260-3

R.T.: 6.128 min
Delta R.T.: -0.002 min
Response: 6563084
Conc: 527.95 ng/ml



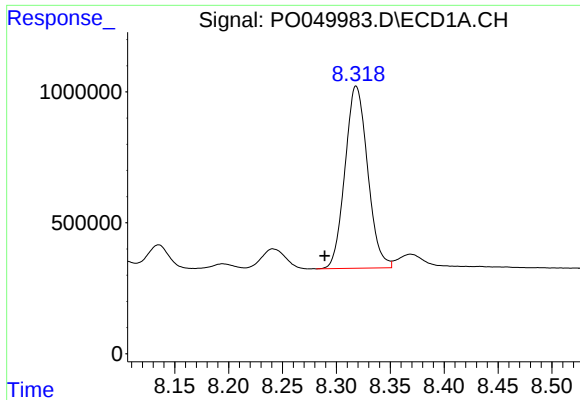
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: -0.011 min
Response: 834230
Conc: 99.81 ng/ml



#34 AR-1260-4

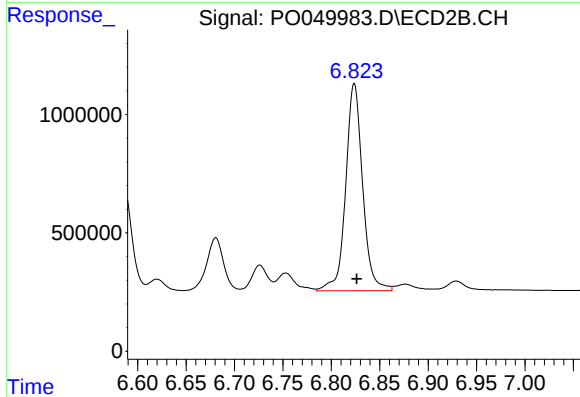
R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 5101659
Conc: 546.90 ng/ml



#35 AR-1260-5

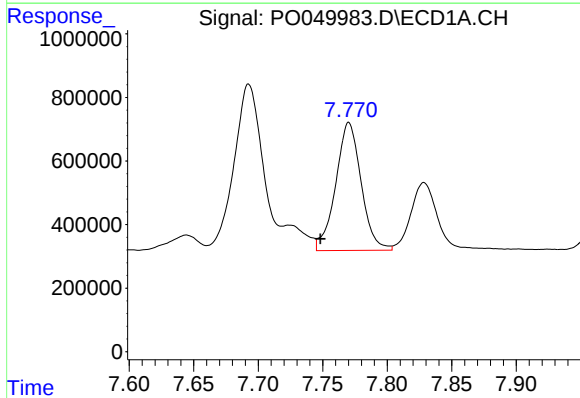
R.T.: 8.318 min
Delta R.T.: 0.029 min
Response: 10158191
Conc: 675.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



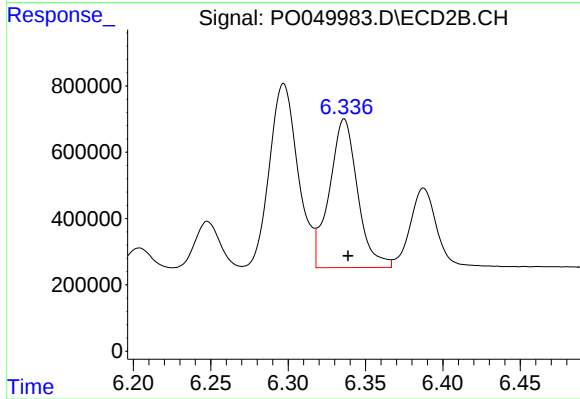
#35 AR-1260-5

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 10669243
Conc: 544.62 ng/ml



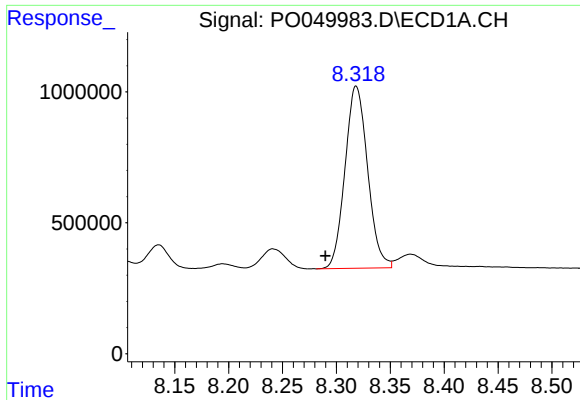
#36 AR-1262-1

R.T.: 7.770 min
Delta R.T.: 0.022 min
Response: 5529411
Conc: 567.01 ng/ml



#36 AR-1262-1

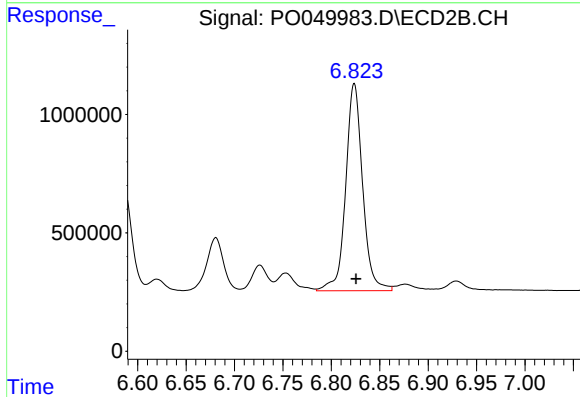
R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 5687555
Conc: 479.98 ng/ml



#37 AR-1262-2

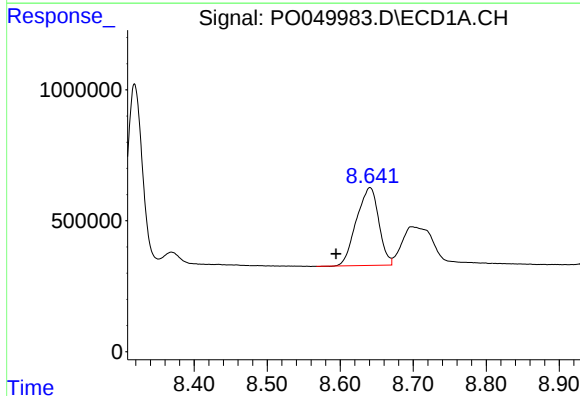
R.T.: 8.318 min
Delta R.T.: 0.028 min
Response: 10158191
Conc: 676.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



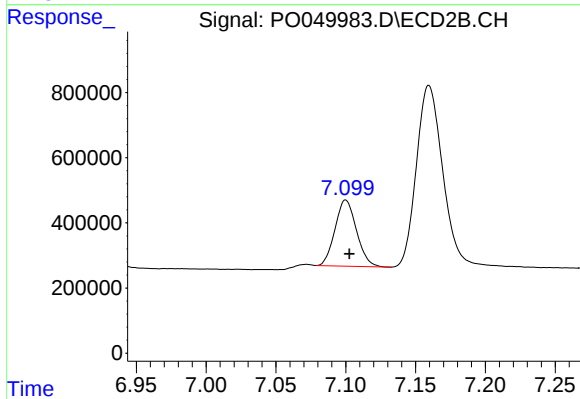
#37 AR-1262-2

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 10669243
Conc: 591.59 ng/ml



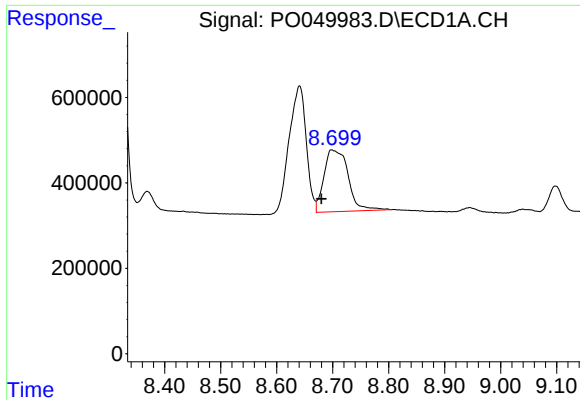
#38 AR-1262-3

R.T.: 8.641 min
Delta R.T.: 0.047 min
Response: 6318875
Conc: 644.91 ng/ml



#38 AR-1262-3

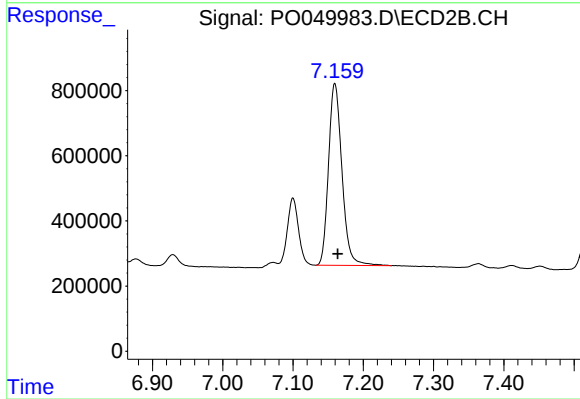
R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 2176636
Conc: 306.66 ng/ml



#39 AR-1262-4

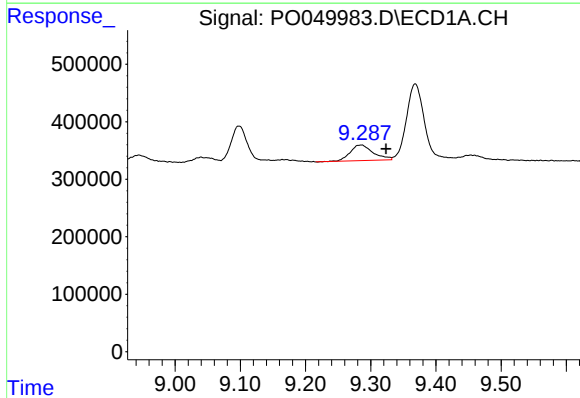
R.T.: 8.698 min
Delta R.T.: 0.018 min
Response: 4336638
Conc: 584.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



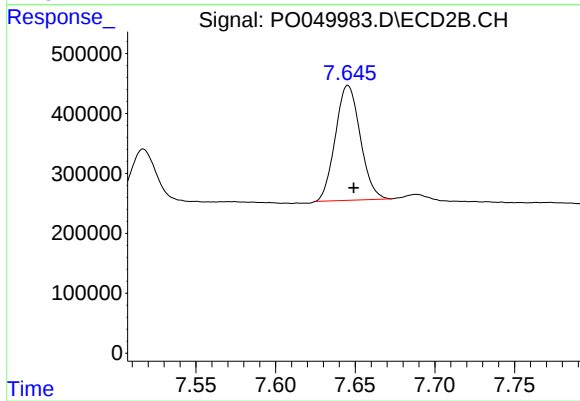
#39 AR-1262-4

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 7424039
Conc: 562.86 ng/ml



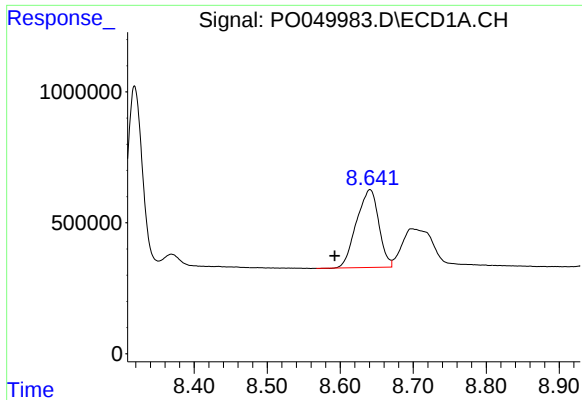
#40 AR-1262-5

R.T.: 9.286 min
Delta R.T.: -0.038 min
Response: 663376
Conc: 147.19 ng/ml



#40 AR-1262-5

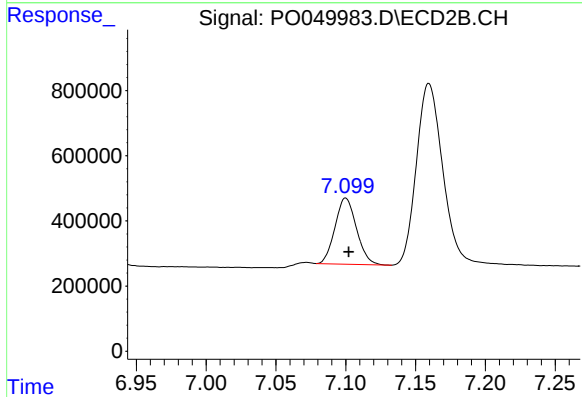
R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 2085948
Conc: 407.11 ng/ml



#41 AR-1268-1

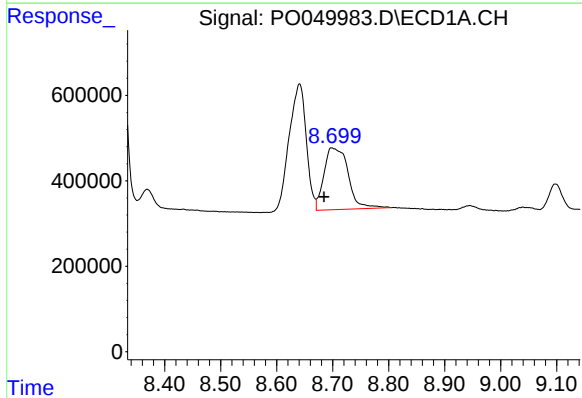
R.T.: 8.641 min
Delta R.T.: 0.048 min
Response: 6318875
Conc: 297.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



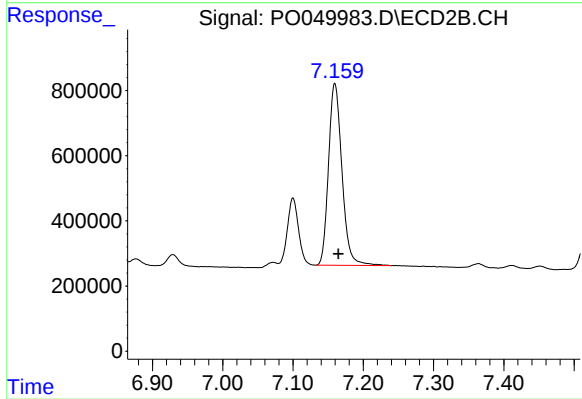
#41 AR-1268-1

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 2176636
Conc: 90.49 ng/ml



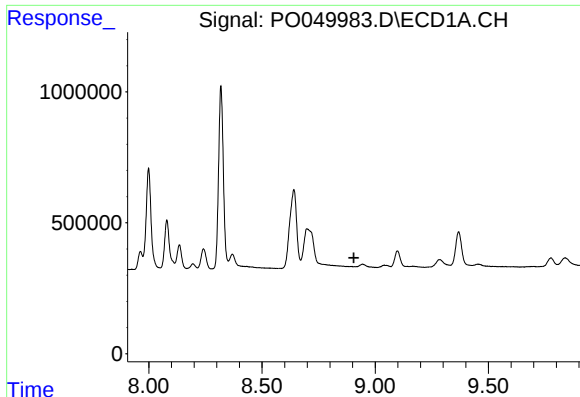
#42 AR-1268-2

R.T.: 8.698 min
Delta R.T.: 0.014 min
Response: 4336638
Conc: 234.59 ng/ml



#42 AR-1268-2

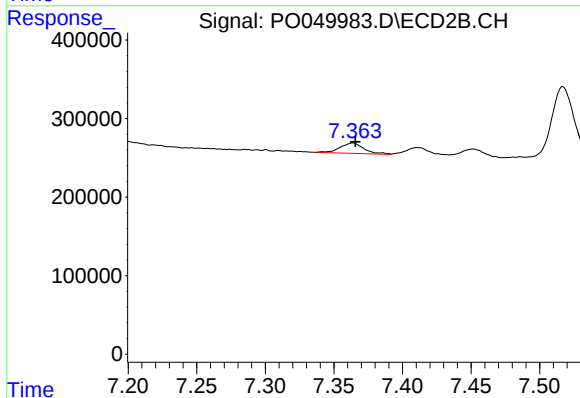
R.T.: 7.160 min
Delta R.T.: -0.005 min
Response: 7424039
Conc: 329.99 ng/ml



#43 AR-1268-3

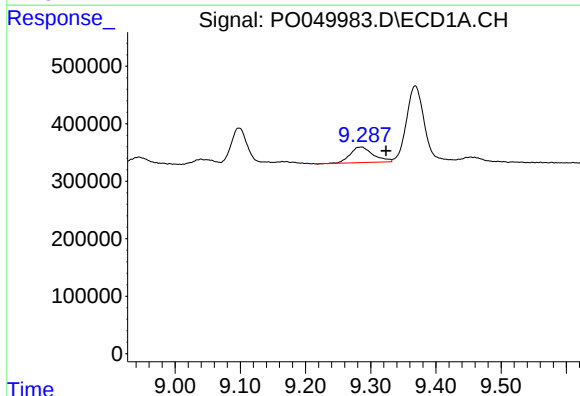
R.T.: 0.000 min
Exp R.T.: 8.906 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



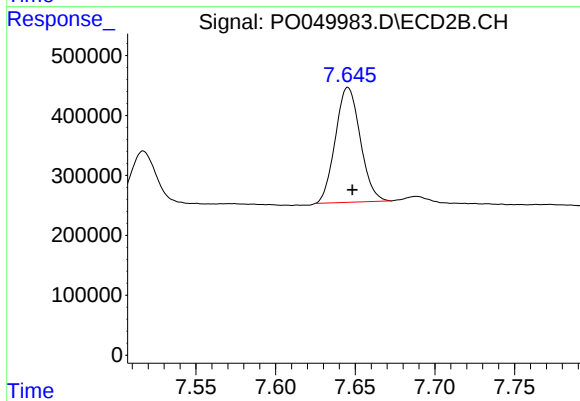
#43 AR-1268-3

R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 159518
Conc: 7.77 ng/ml



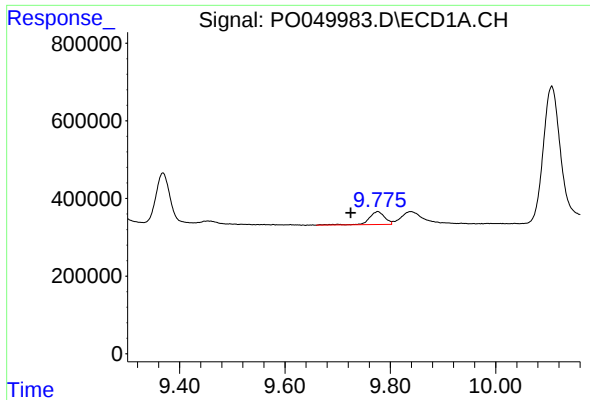
#44 AR-1268-4

R.T.: 9.286 min
Delta R.T.: -0.038 min
Response: 663376
Conc: 113.19 ng/ml



#44 AR-1268-4

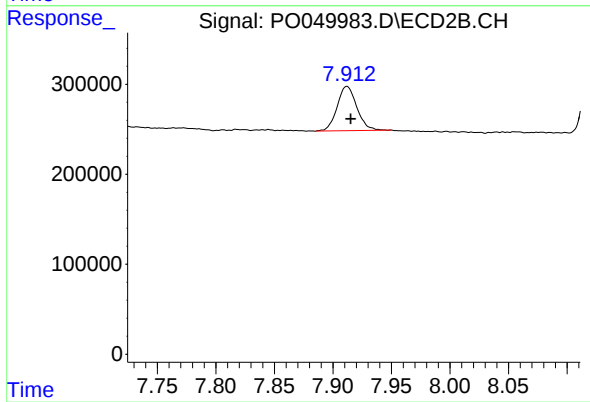
R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 2085948
Conc: 319.70 ng/ml



#45 AR-1268-5

R.T.: 9.776 min
Delta R.T.: 0.051 min
Response: 680916
Conc: 14.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.912 min
Delta R.T.: -0.003 min
Response: 575220
Conc: 11.87 ng/ml