

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0042221\
 Data File : P0077155.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2021 1:00
 Operator : DD\AJ
 Sample : M2093-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 02:11:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0042121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 09:50:22 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...	4.897	3.893	1683858	833367	15.933	15.840
2)	SA Decachlor...	10.887f	9.159f	1296484	451767	12.487	11.973
Target Compounds							
3)	L1 AR-1016-1	6.219	5.135	1758528	938053	471.297	615.780 #
4)	L1 AR-1016-2	6.247	5.154	2518958	867328	431.636	284.704 #
5)	L1 AR-1016-3	6.309	5.344	1681797	808136	472.739	594.957 #
6)	L1 AR-1016-4	6.415	5.396	1020098	16101931	367.969	12656.984 #
7)	L1 AR-1016-5	6.729	5.622	17357116	9538089	6404.193	6447.326
8)	L2 AR-1221-1	5.142	4.145	165313	94004	145.753	155.521
9)	L2 AR-1221-2	5.247	4.247	510813	282931	601.333	619.214
10)	L2 AR-1221-3	5.334	4.333	610078	333614	217.150	226.449
11)	L3 AR-1232-1	5.334	4.333	610078	333614	300.966	310.138
12)	L3 AR-1232-2	5.922	5.154	1040864	867328	935.488	714.835
13)	L3 AR-1232-3	6.247	5.344	2518958	808136	1104.586	1415.479 #
14)	L3 AR-1232-4	6.415	5.439	1020098	4348242	991.288	7624.665 #
15)	L3 AR-1232-5	6.512	5.622	30286768	9538089	41336.141	16014.276 #
16)	L4 AR-1242-1	6.219	5.135	1758528	938053	647.342	856.296 #
17)	L4 AR-1242-2	6.247	5.154	2518958	867328	571.019	381.744 #
18)	L4 AR-1242-3	6.309	5.344	1681797	808136	606.392	791.002 #
19)	L4 AR-1242-4	6.415	5.439	1020098	4348242	475.441	3827.339 #
20)	L4 AR-1242-5	7.199	5.999	14837038	42303234	6416.719	30149.365 #
21)	L5 AR-1248-1	6.219	5.135	1758528	938053	841.083	1064.609 #
22)	L5 AR-1248-2	6.512	5.396	30286768	16101931	9982.771	9800.446
23)	L5 AR-1248-3	6.729	5.439	17357116	4348242	4952.096	2706.303 #
24)	L5 AR-1248-4	7.158	5.622	27018704	9538089	6685.449	5082.729
25)	L5 AR-1248-5	7.199	6.042	14837038	3979556	3631.762	1869.243 #
26)	L6 AR-1254-1	7.128	5.999	59150153	42303234	14384.152	14655.094
27)	L6 AR-1254-2	7.357	6.158	94774242	37251883	14643.205	14428.817
28)	L6 AR-1254-3	7.739	6.575	102.9E6	59378306	15205.085	15176.788
29)	L6 AR-1254-4	8.035	6.814	71672168	34535294	14574.070	15200.104
30)	L6 AR-1254-5	8.464	7.241	80171426	49759089	14401.347	13723.703
31)	L7 AR-1260-1	7.906	6.712	38717178	28908064	7155.718	9683.349 #
32)	L7 AR-1260-2	8.171	6.909	42907764	23117895	6795.247	6484.664
33)	L7 AR-1260-3	8.525	7.058	8745698	23740887	2142.599	7219.789 #
34)	L7 AR-1260-4	8.760	7.542	27417575	2262121	5667.610	960.436 #
35)	L7 AR-1260-5	9.091	7.792	8534501	4607456	917.774	858.305
36)	L8 AR-1262-1	8.525	7.241	8745698	49759089	1302.650	26645.486 #
37)	L8 AR-1262-2	9.091	7.792	8534501	4607456	734.702	742.294
38)	L8 AR-1262-3	0.000	8.078	0	324444	N.D.	134.219 #
39)	L8 AR-1262-4	9.469	8.138	1556217	3836134	258.946	858.189 #
40)	L8 AR-1262-5	10.150f	8.645f	466445	184693	110.398	100.372
41)	L9 AR-1268-1	9.419f	8.078	6135089	324444	431.093	46.014 #

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 Acq On : 22 Apr 2021 1:00
 Operator : DD\AJ
 Sample : M2093-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

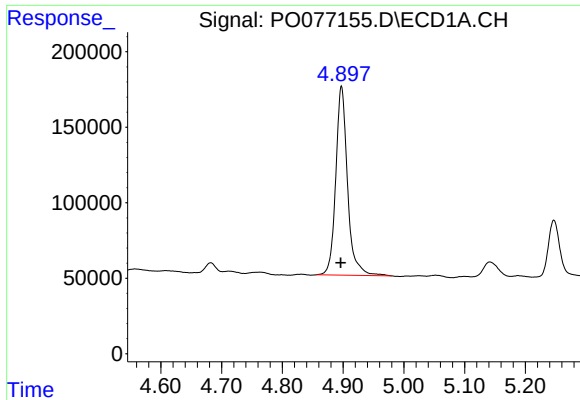
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 02:11:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0042121.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	9.469f	8.138	1556217	3836134	118.020	597.227 #
43) L9	AR-1268-3	9.713	8.348	80987	66688	7.092	12.580 #
44) L9	AR-1268-4	10.150	8.645f	466445	184693	96.060	87.233
45) L9	AR-1268-5	10.558f	8.923f	488098	108561	12.597	7.739 #

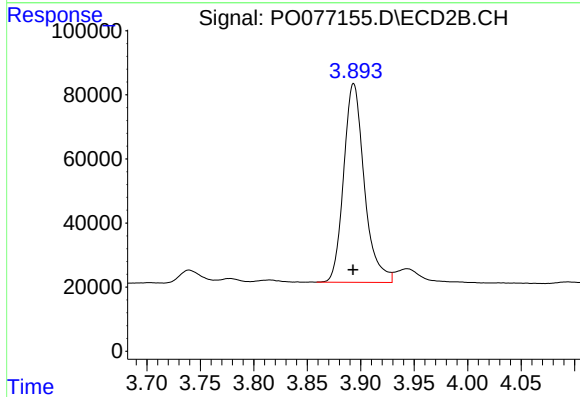
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

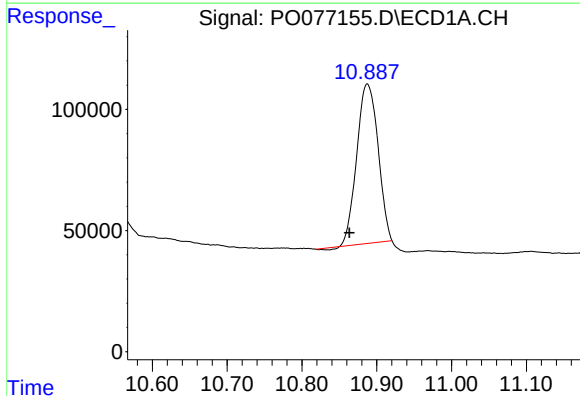
R.T.: 4.897 min
Delta R.T.: 0.001 min
Response: 1683858
Conc: 15.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



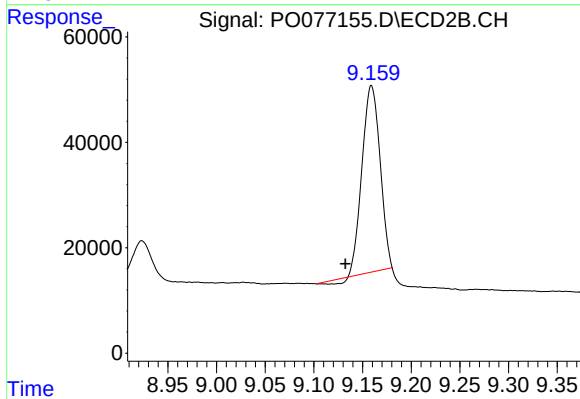
#1 Tetrachloro-m-xylene

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 833367
Conc: 15.84 ng/ml



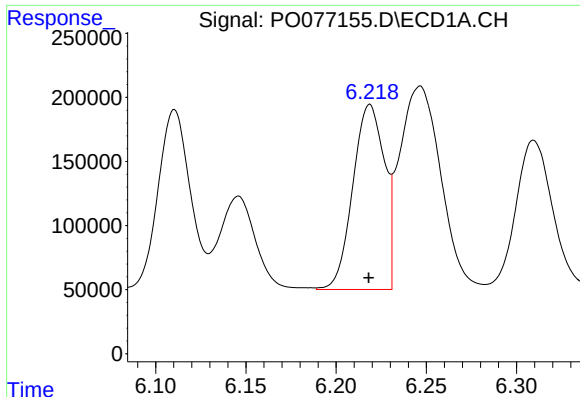
#2 Decachlorobiphenyl

R.T.: 10.887 min
Delta R.T.: 0.024 min
Response: 1296484
Conc: 12.49 ng/ml



#2 Decachlorobiphenyl

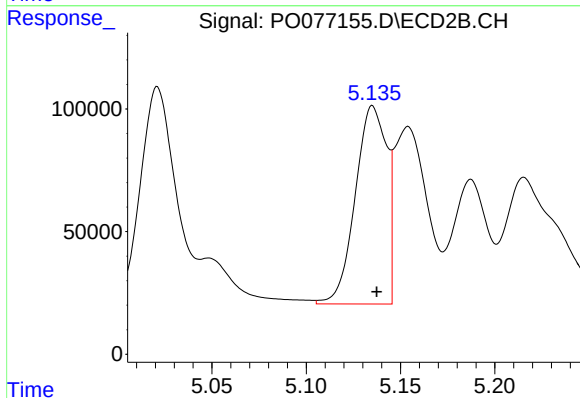
R.T.: 9.159 min
Delta R.T.: 0.027 min
Response: 451767
Conc: 11.97 ng/ml



#3 AR-1016-1

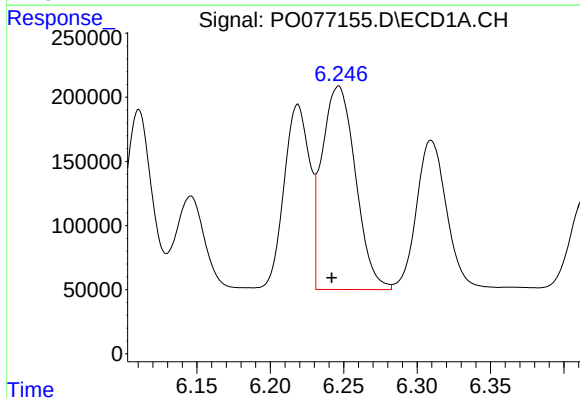
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 1758528
Conc: 471.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



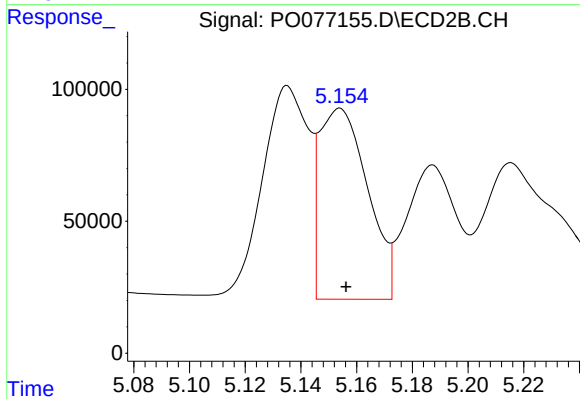
#3 AR-1016-1

R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 938053
Conc: 615.78 ng/ml



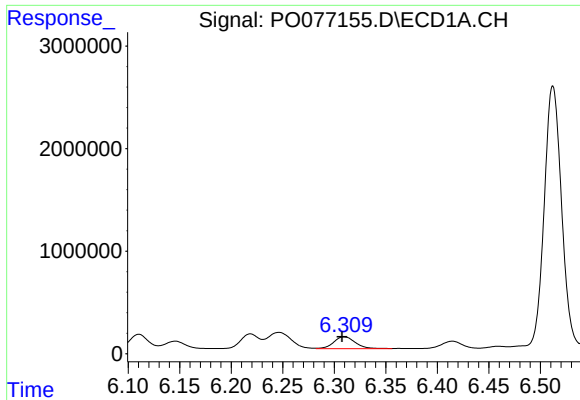
#4 AR-1016-2

R.T.: 6.247 min
Delta R.T.: 0.005 min
Response: 2518958
Conc: 431.64 ng/ml



#4 AR-1016-2

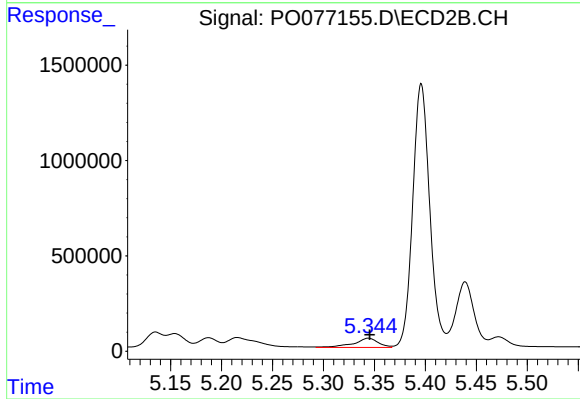
R.T.: 5.154 min
Delta R.T.: -0.002 min
Response: 867328
Conc: 284.70 ng/ml



#5 AR-1016-3

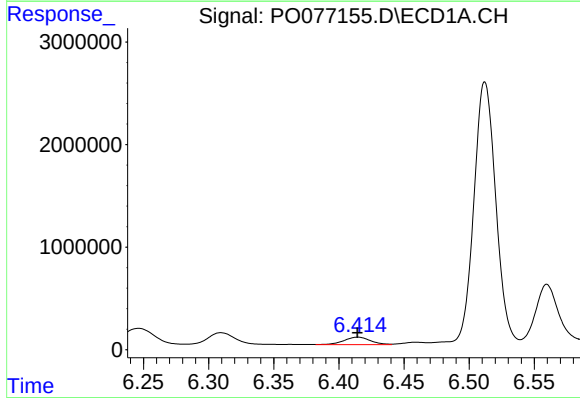
R.T.: 6.309 min
Delta R.T.: 0.002 min
Response: 1681797
Conc: 472.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



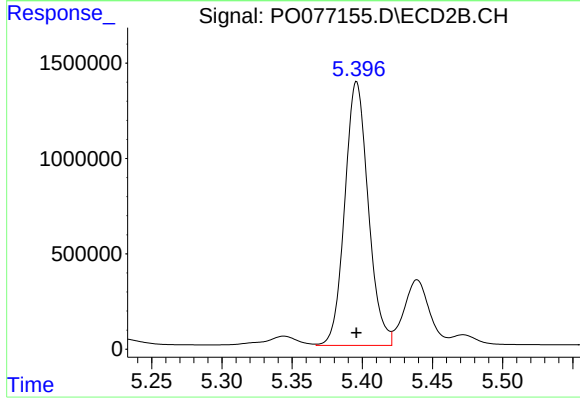
#5 AR-1016-3

R.T.: 5.344 min
Delta R.T.: -0.001 min
Response: 808136
Conc: 594.96 ng/ml



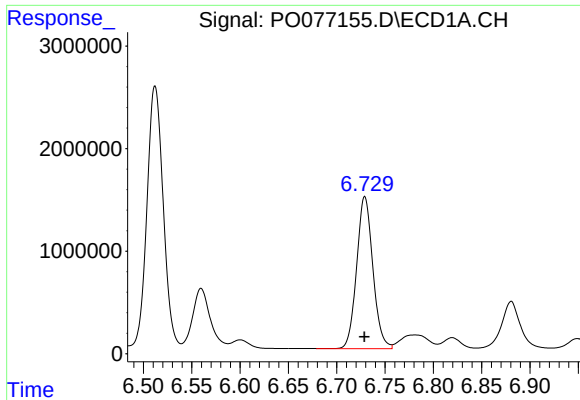
#6 AR-1016-4

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 1020098
Conc: 367.97 ng/ml



#6 AR-1016-4

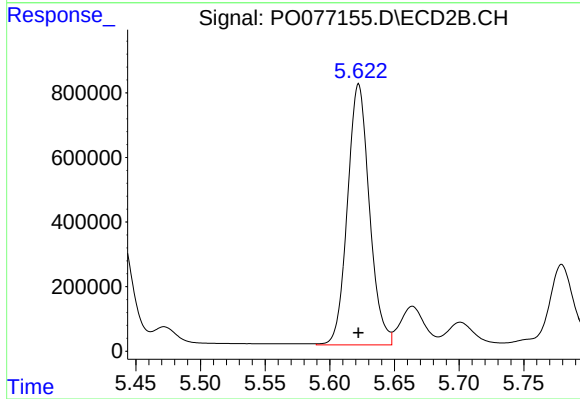
R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 16101931
Conc: 12656.98 ng/ml



#7 AR-1016-5

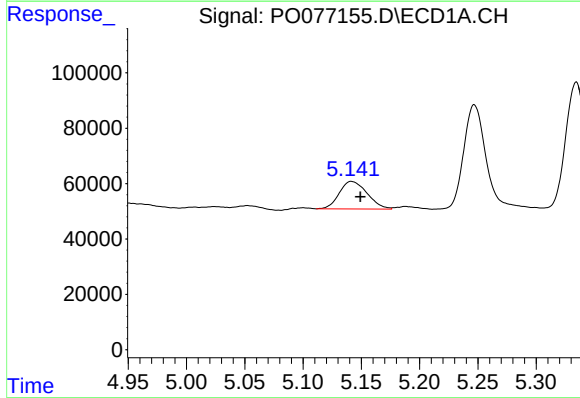
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 17357116
Conc: 6404.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



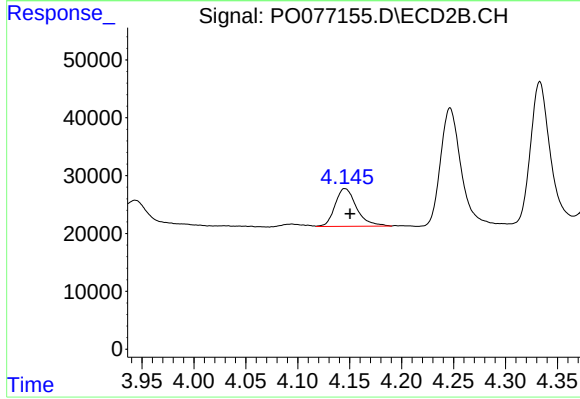
#7 AR-1016-5

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 9538089
Conc: 6447.33 ng/ml



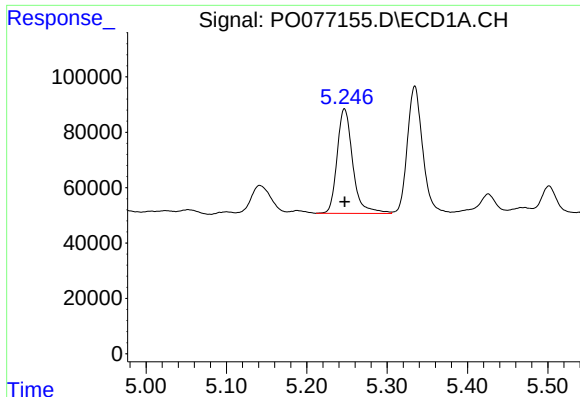
#8 AR-1221-1

R.T.: 5.142 min
Delta R.T.: -0.008 min
Response: 165313
Conc: 145.75 ng/ml



#8 AR-1221-1

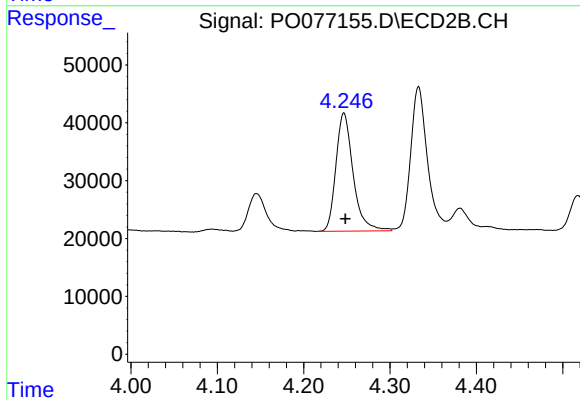
R.T.: 4.145 min
Delta R.T.: -0.005 min
Response: 94004
Conc: 155.52 ng/ml



#9 AR-1221-2

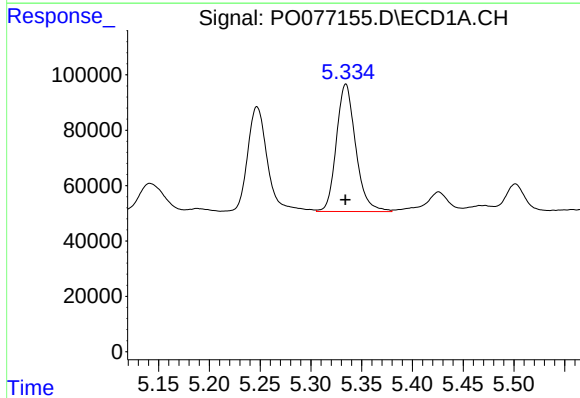
R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 510813
Conc: 601.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



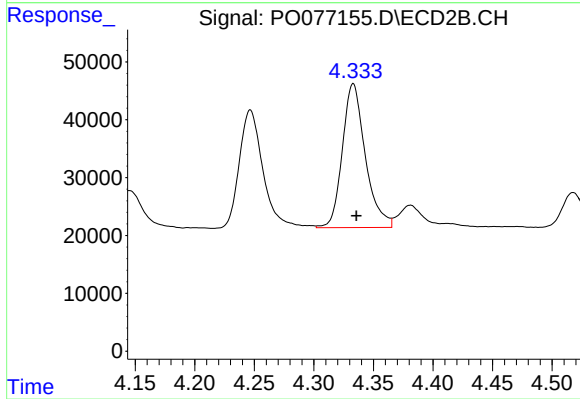
#9 AR-1221-2

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 282931
Conc: 619.21 ng/ml



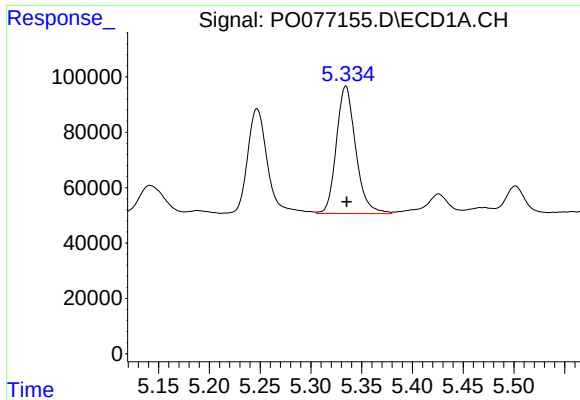
#10 AR-1221-3

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 610078
Conc: 217.15 ng/ml



#10 AR-1221-3

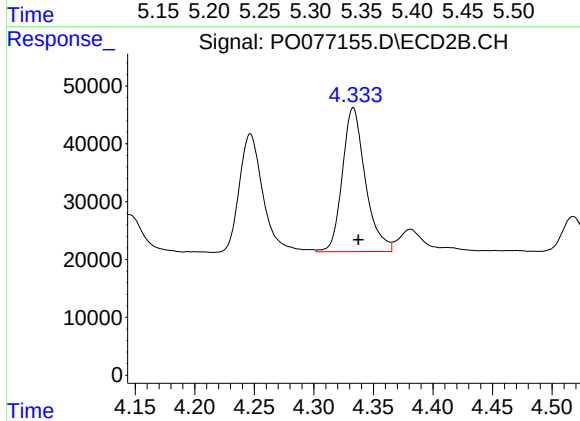
R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 333614
Conc: 226.45 ng/ml



#11 AR-1232-1

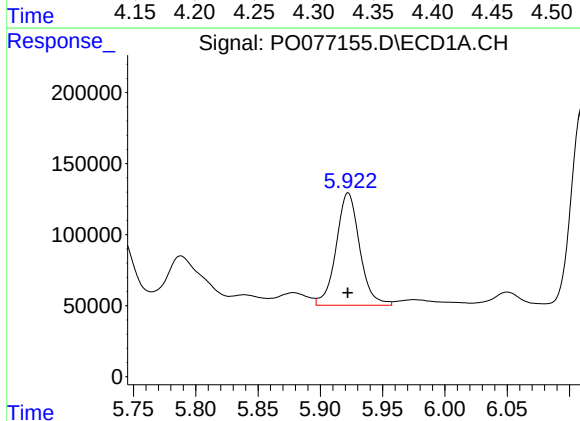
R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 610078
Conc: 300.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



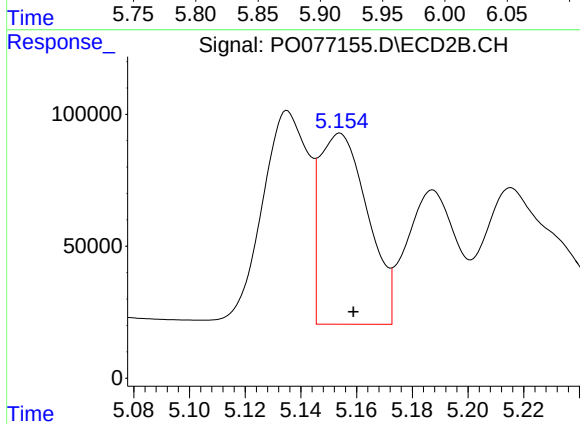
#11 AR-1232-1

R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 333614
Conc: 310.14 ng/ml



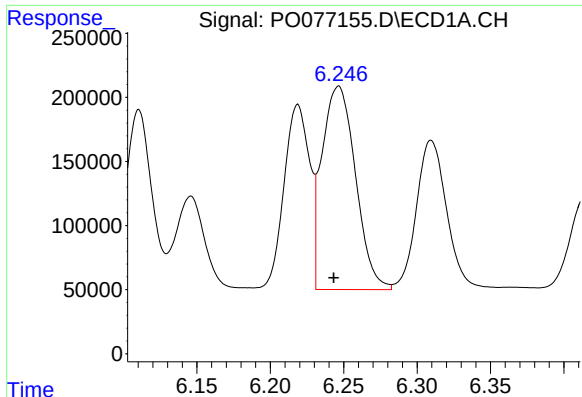
#12 AR-1232-2

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 1040864
Conc: 935.49 ng/ml



#12 AR-1232-2

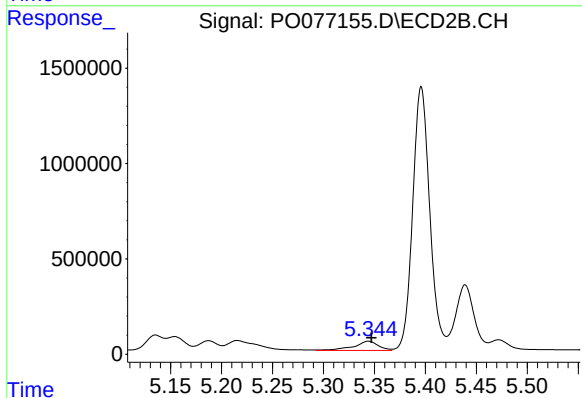
R.T.: 5.154 min
Delta R.T.: -0.005 min
Response: 867328
Conc: 714.83 ng/ml



#13 AR-1232-3

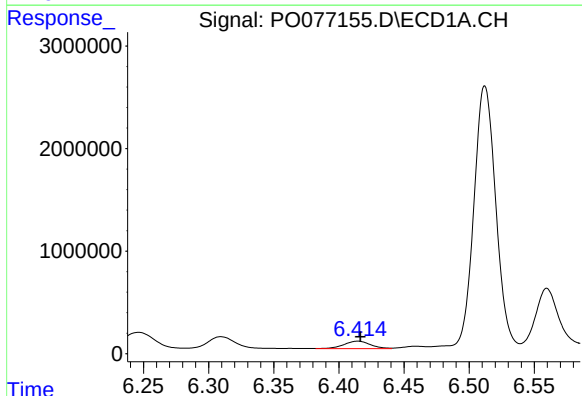
R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 2518958
Conc: 1104.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



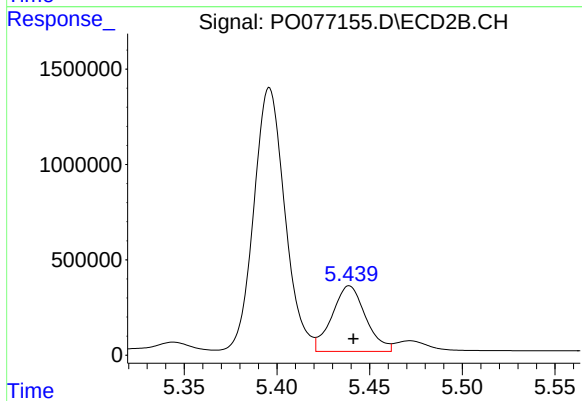
#13 AR-1232-3

R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 808136
Conc: 1415.48 ng/ml



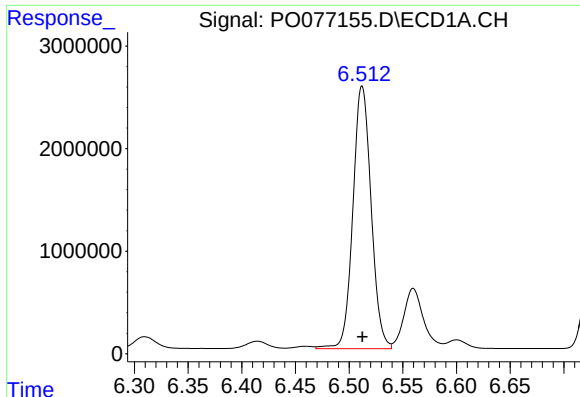
#14 AR-1232-4

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 1020098
Conc: 991.29 ng/ml



#14 AR-1232-4

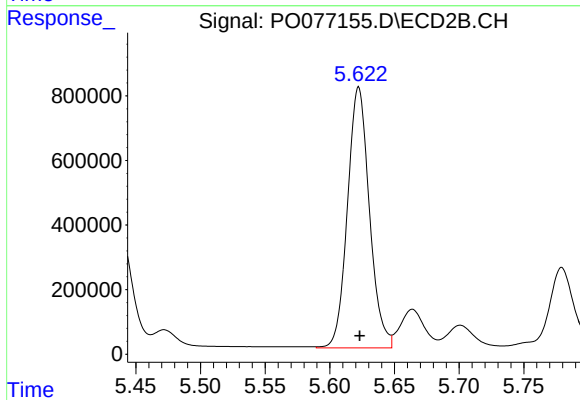
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 4348242
Conc: 7624.66 ng/ml



#15 AR-1232-5

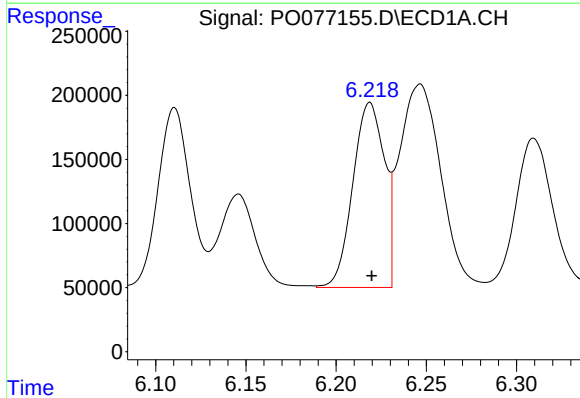
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 30286768
Conc: 41336.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



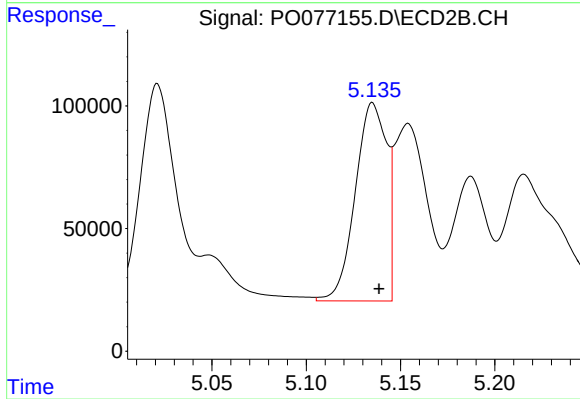
#15 AR-1232-5

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 9538089
Conc: 16014.28 ng/ml



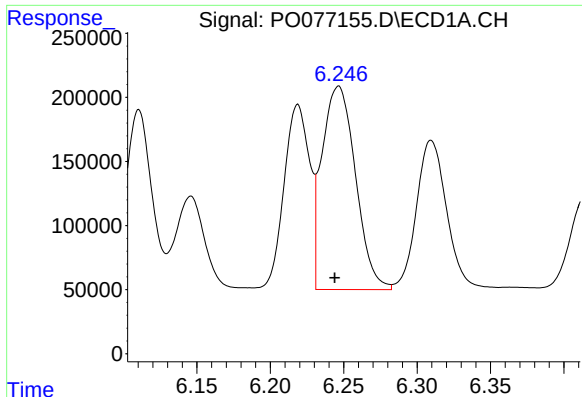
#16 AR-1242-1

R.T.: 6.219 min
Delta R.T.: -0.001 min
Response: 1758528
Conc: 647.34 ng/ml



#16 AR-1242-1

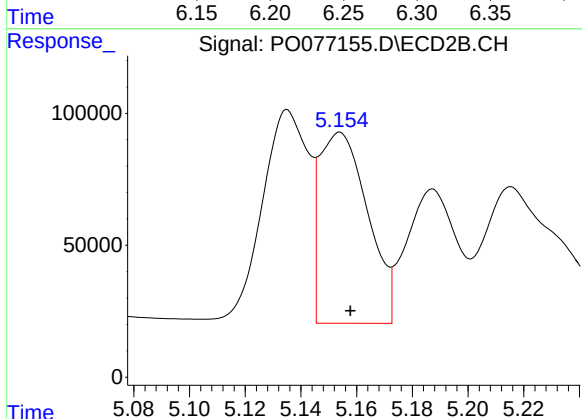
R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 938053
Conc: 856.30 ng/ml



#17 AR-1242-2

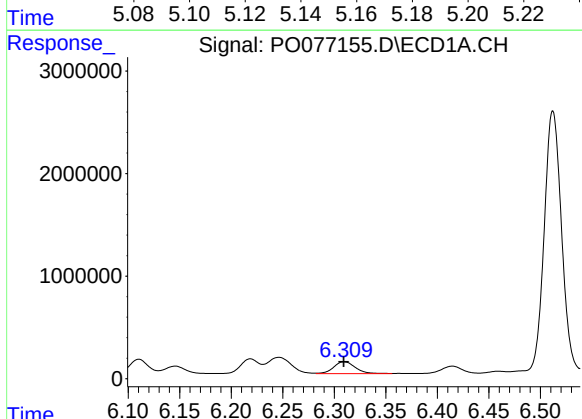
R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 2518958
Conc: 571.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



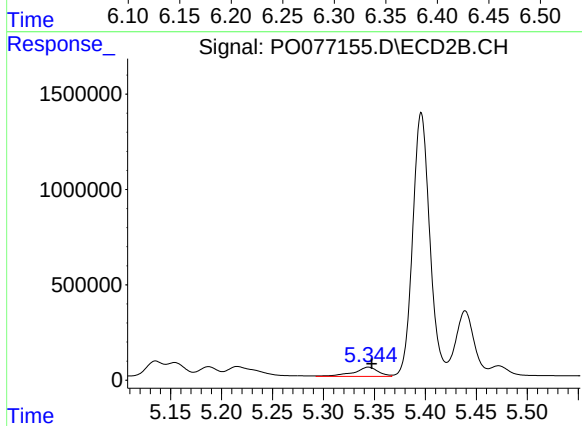
#17 AR-1242-2

R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 867328
Conc: 381.74 ng/ml



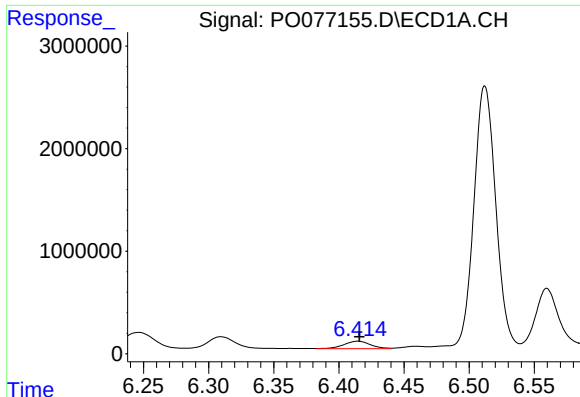
#18 AR-1242-3

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1681797
Conc: 606.39 ng/ml



#18 AR-1242-3

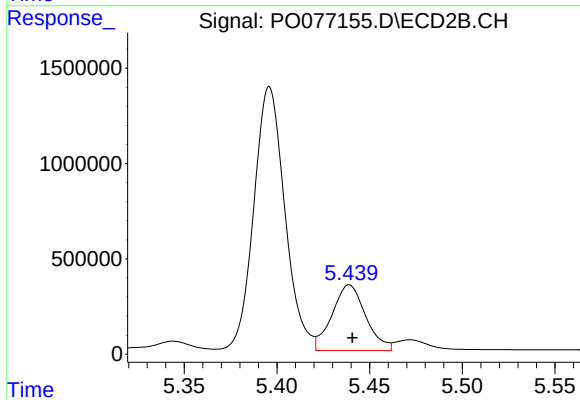
R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 808136
Conc: 791.00 ng/ml



#19 AR-1242-4

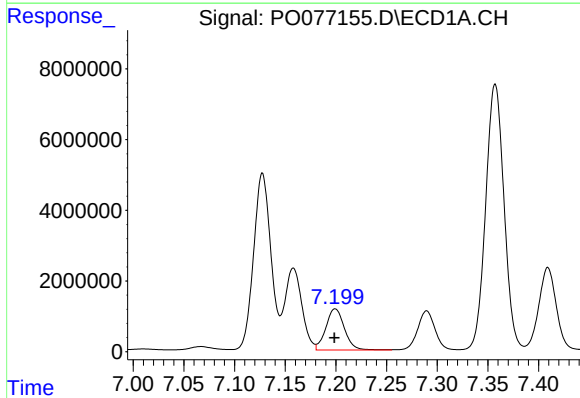
R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 1020098
Conc: 475.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



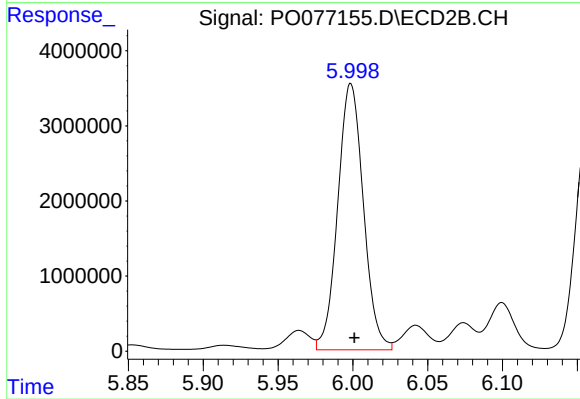
#19 AR-1242-4

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 4348242
Conc: 3827.34 ng/ml



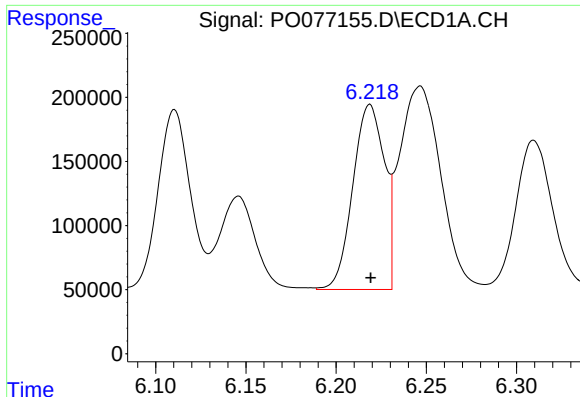
#20 AR-1242-5

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 14837038
Conc: 6416.72 ng/ml



#20 AR-1242-5

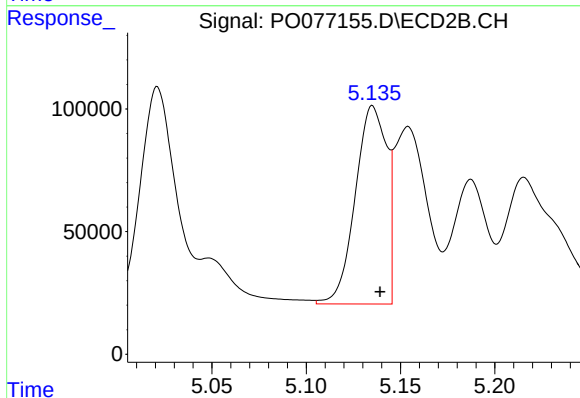
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 42303234
Conc: 30149.36 ng/ml



#21 AR-1248-1

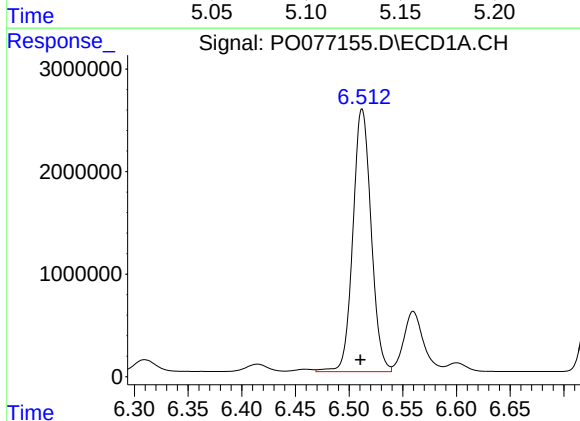
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 1758528
Conc: 841.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



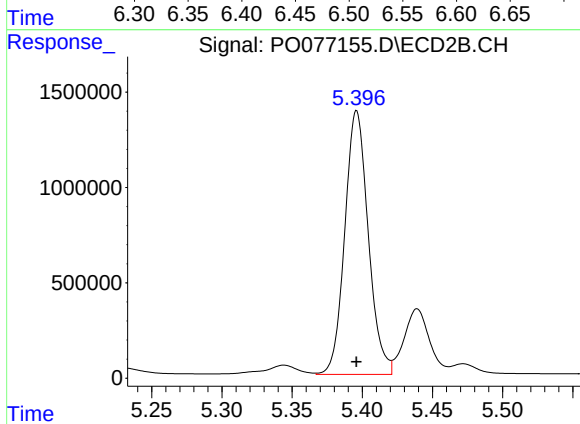
#21 AR-1248-1

R.T.: 5.135 min
Delta R.T.: -0.004 min
Response: 938053
Conc: 1064.61 ng/ml



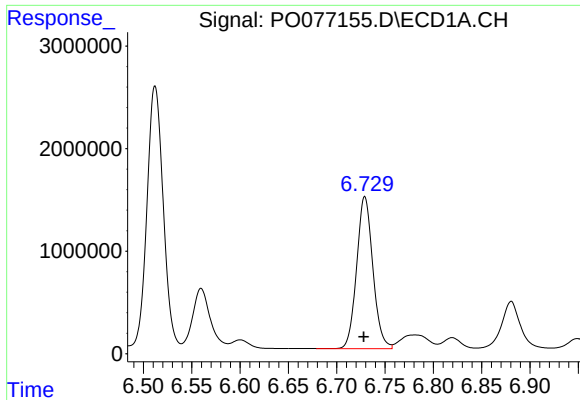
#22 AR-1248-2

R.T.: 6.512 min
Delta R.T.: 0.002 min
Response: 30286768
Conc: 9982.77 ng/ml



#22 AR-1248-2

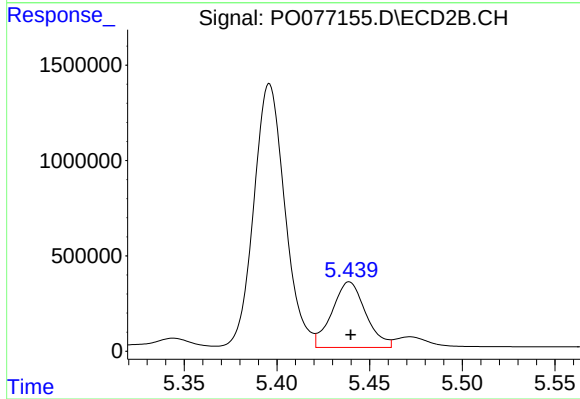
R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 16101931
Conc: 9800.45 ng/ml



#23 AR-1248-3

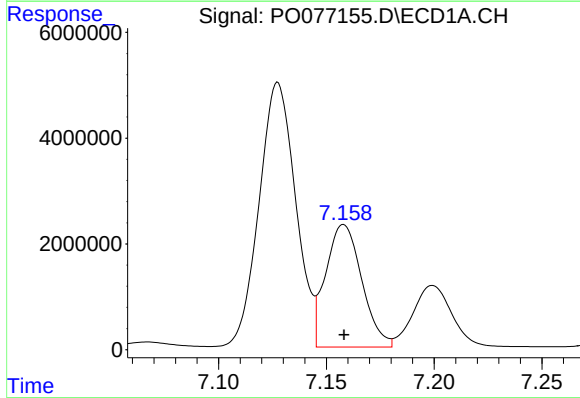
R.T.: 6.729 min
Delta R.T.: 0.001 min
Response: 17357116
Conc: 4952.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



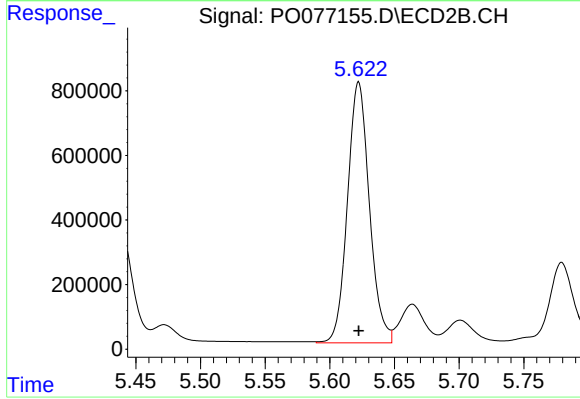
#23 AR-1248-3

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 4348242
Conc: 2706.30 ng/ml



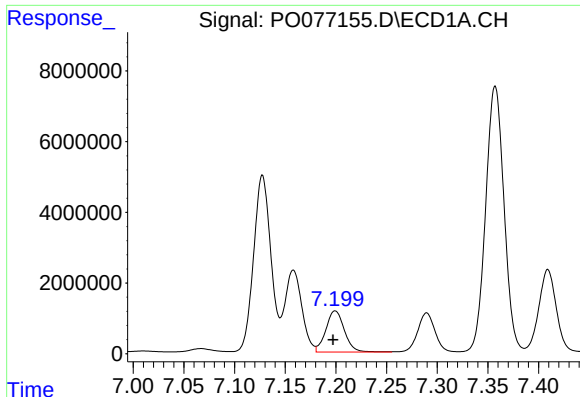
#24 AR-1248-4

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 27018704
Conc: 6685.45 ng/ml



#24 AR-1248-4

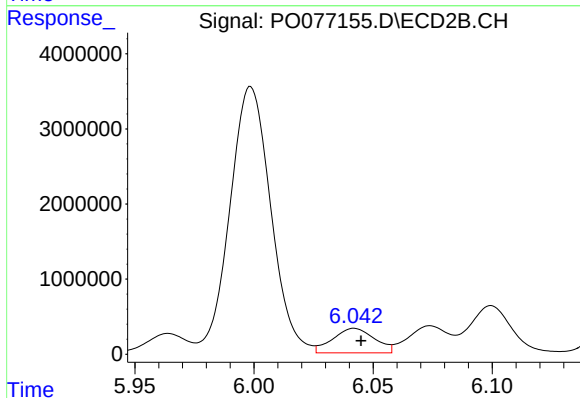
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 9538089
Conc: 5082.73 ng/ml



#25 AR-1248-5

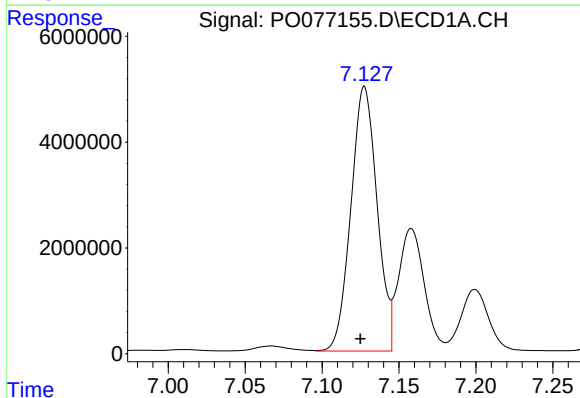
R.T.: 7.199 min
Delta R.T.: 0.002 min
Response: 14837038
Conc: 3631.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



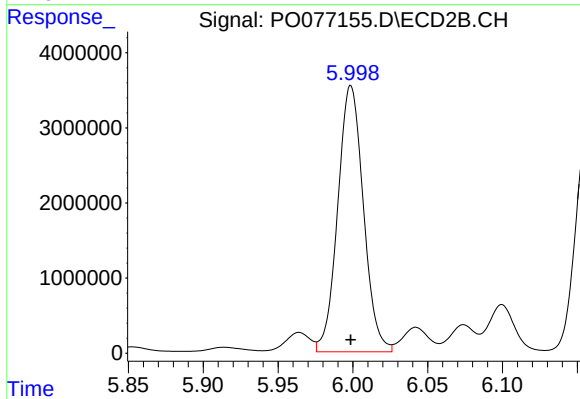
#25 AR-1248-5

R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 3979556
Conc: 1869.24 ng/ml



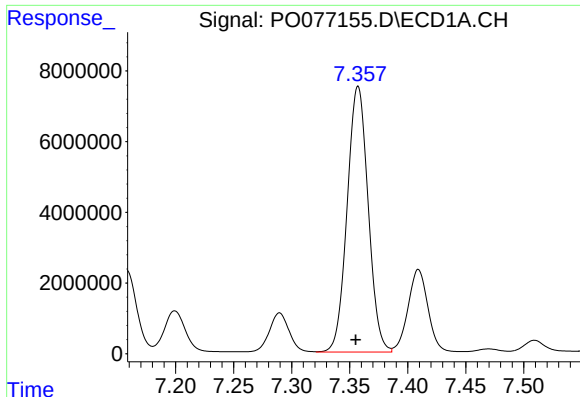
#26 AR-1254-1

R.T.: 7.128 min
Delta R.T.: 0.003 min
Response: 59150153
Conc: 14384.15 ng/ml



#26 AR-1254-1

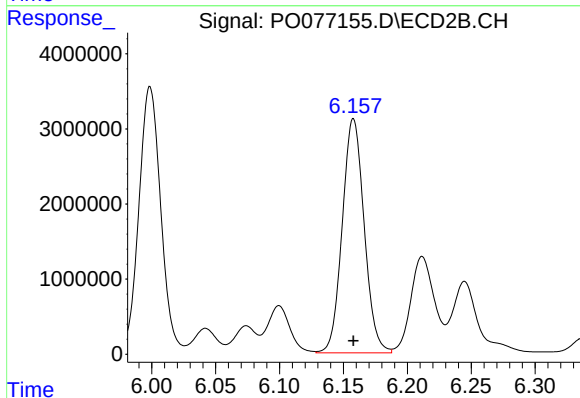
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 42303234
Conc: 14655.09 ng/ml



#27 AR-1254-2

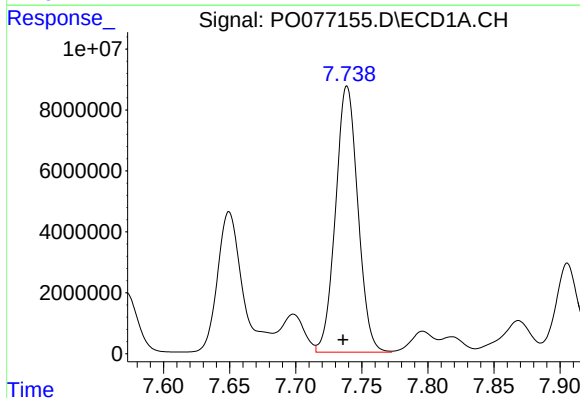
R.T.: 7.357 min
Delta R.T.: 0.002 min
Response: 94774242
Conc: 14643.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



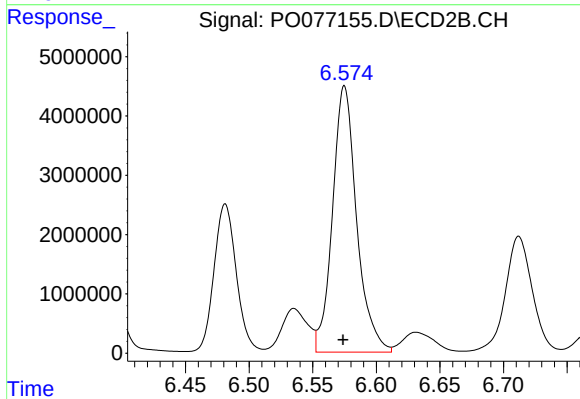
#27 AR-1254-2

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 37251883
Conc: 14428.82 ng/ml



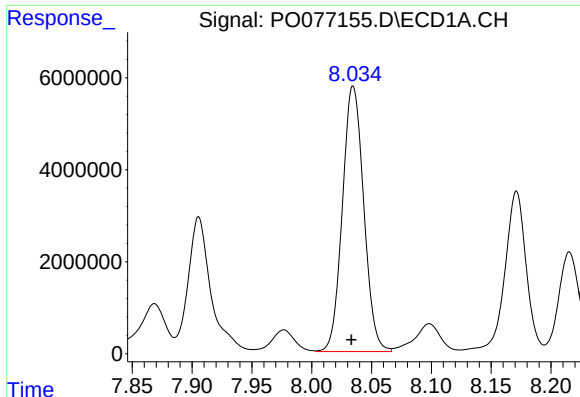
#28 AR-1254-3

R.T.: 7.739 min
Delta R.T.: 0.003 min
Response: 102890879
Conc: 15205.08 ng/ml



#28 AR-1254-3

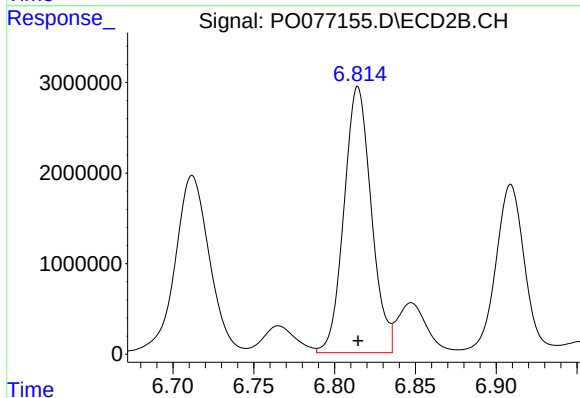
R.T.: 6.575 min
Delta R.T.: 0.001 min
Response: 59378306
Conc: 15176.79 ng/ml



#29 AR-1254-4

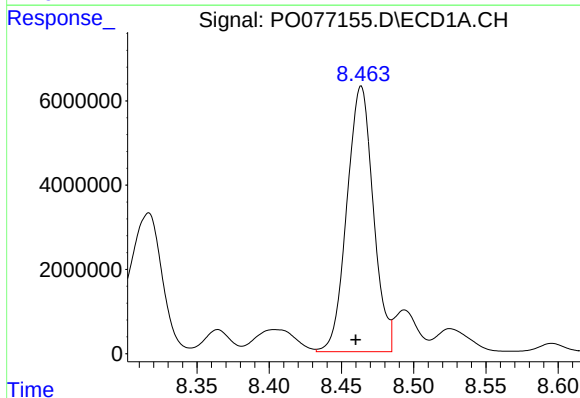
R.T.: 8.035 min
Delta R.T.: 0.002 min
Response: 71672168
Conc: 14574.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



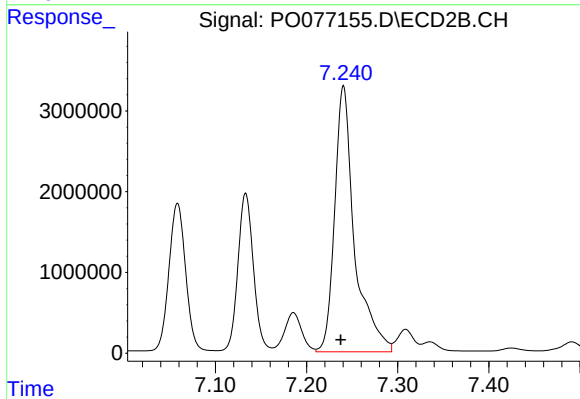
#29 AR-1254-4

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 34535294
Conc: 15200.10 ng/ml



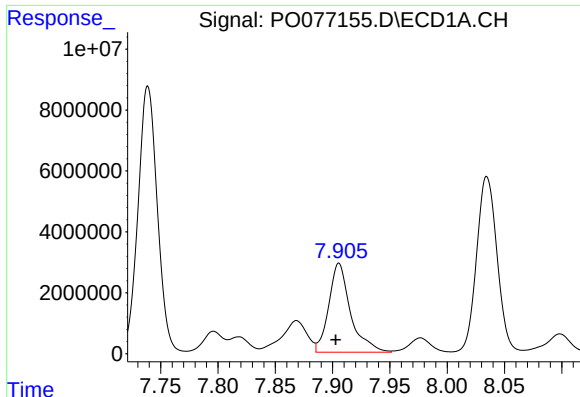
#30 AR-1254-5

R.T.: 8.464 min
Delta R.T.: 0.004 min
Response: 80171426
Conc: 14401.35 ng/ml



#30 AR-1254-5

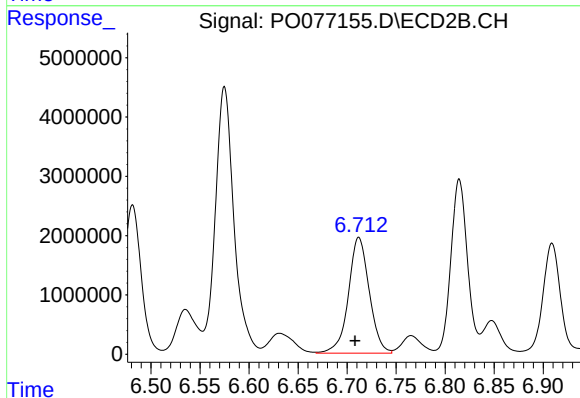
R.T.: 7.241 min
Delta R.T.: 0.003 min
Response: 49759089
Conc: 13723.70 ng/ml



#31 AR-1260-1

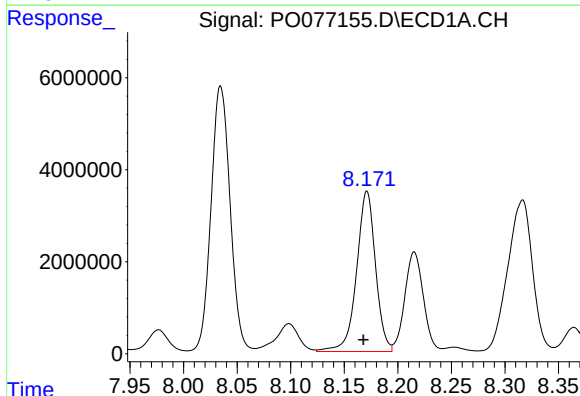
R.T.: 7.906 min
Delta R.T.: 0.003 min
Response: 38717178
Conc: 7155.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



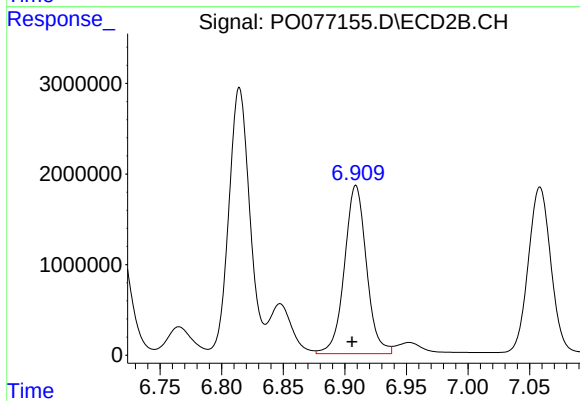
#31 AR-1260-1

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 28908064
Conc: 9683.35 ng/ml



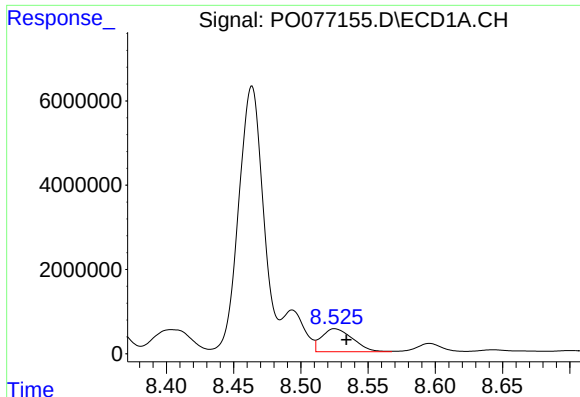
#32 AR-1260-2

R.T.: 8.171 min
Delta R.T.: 0.003 min
Response: 42907764
Conc: 6795.25 ng/ml



#32 AR-1260-2

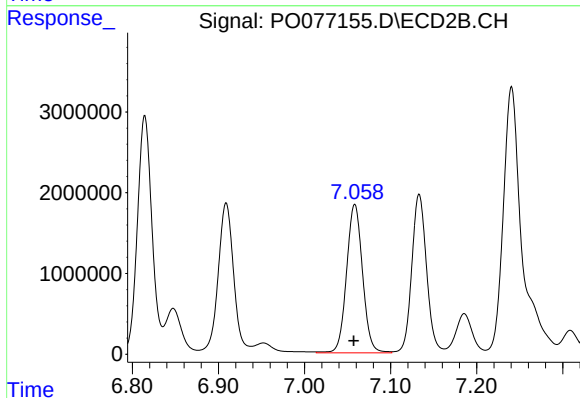
R.T.: 6.909 min
Delta R.T.: 0.003 min
Response: 23117895
Conc: 6484.66 ng/ml



#33 AR-1260-3

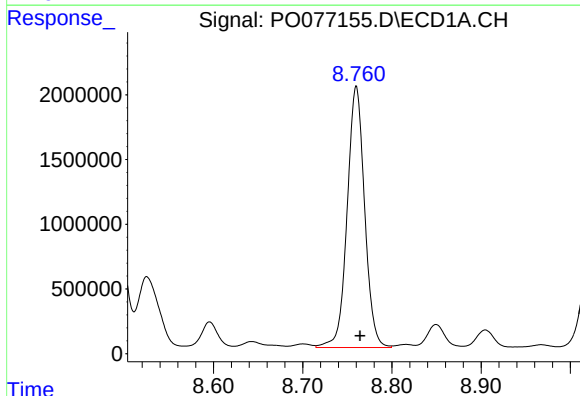
R.T.: 8.525 min
Delta R.T.: -0.009 min
Response: 8745698
Conc: 2142.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



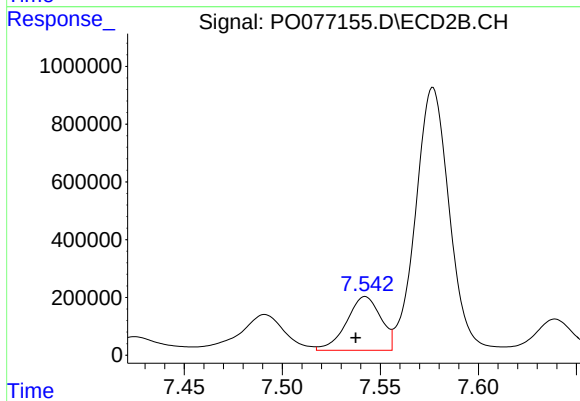
#33 AR-1260-3

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 23740887
Conc: 7219.79 ng/ml



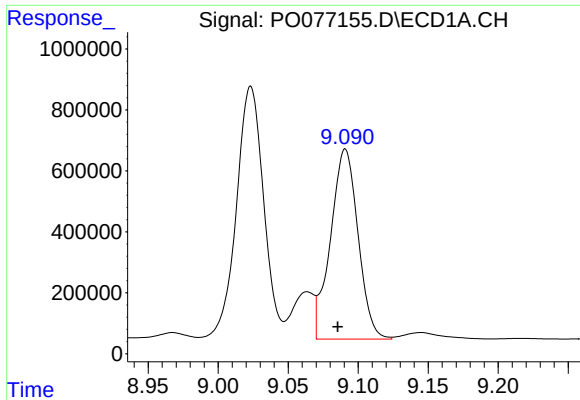
#34 AR-1260-4

R.T.: 8.760 min
Delta R.T.: -0.004 min
Response: 27417575
Conc: 5667.61 ng/ml



#34 AR-1260-4

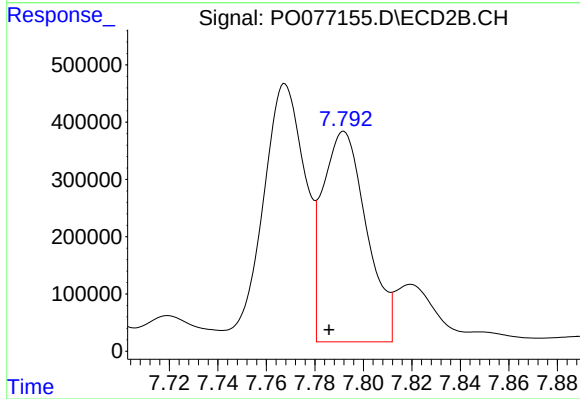
R.T.: 7.542 min
Delta R.T.: 0.005 min
Response: 2262121
Conc: 960.44 ng/ml



#35 AR-1260-5

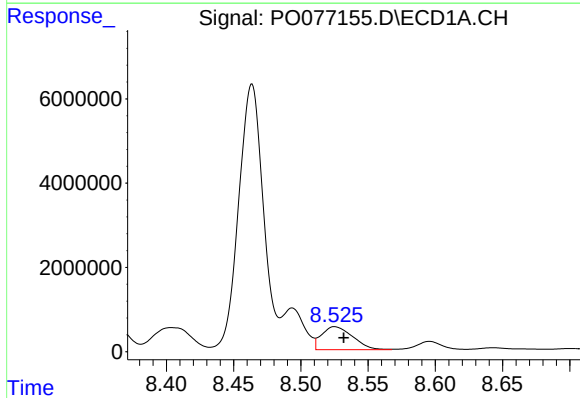
R.T.: 9.091 min
Delta R.T.: 0.005 min
Response: 8534501
Conc: 917.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



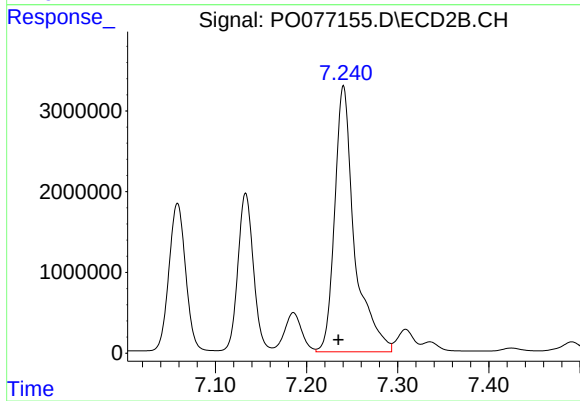
#35 AR-1260-5

R.T.: 7.792 min
Delta R.T.: 0.006 min
Response: 4607456
Conc: 858.30 ng/ml



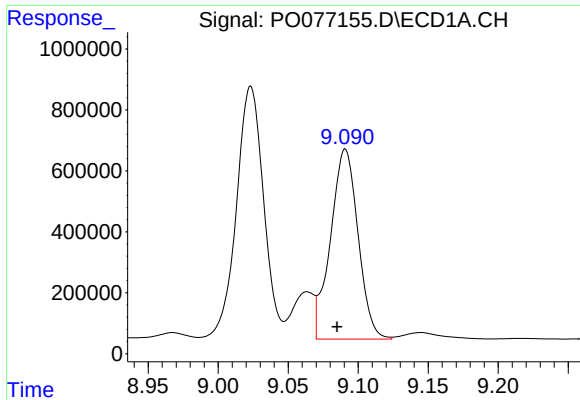
#36 AR-1262-1

R.T.: 8.525 min
Delta R.T.: -0.007 min
Response: 8745698
Conc: 1302.65 ng/ml



#36 AR-1262-1

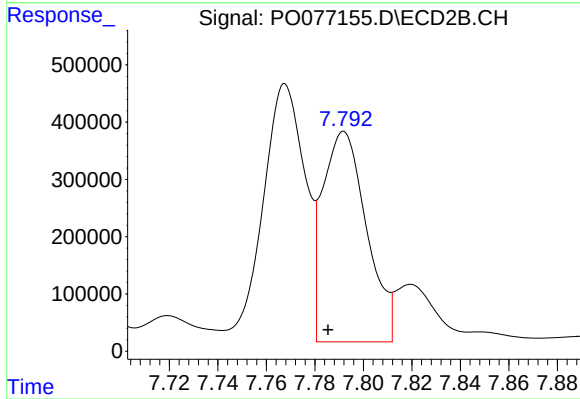
R.T.: 7.241 min
Delta R.T.: 0.005 min
Response: 49759089
Conc: 26645.49 ng/ml



#37 AR-1262-2

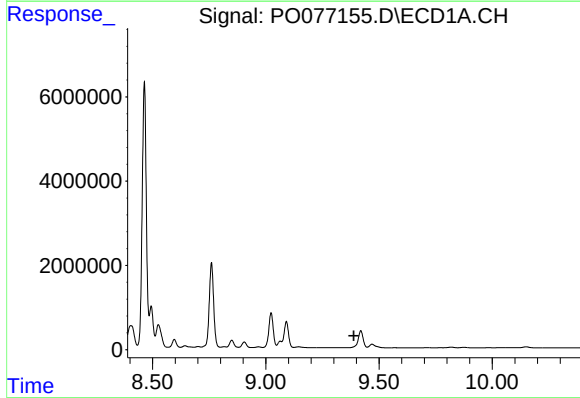
R.T.: 9.091 min
Delta R.T.: 0.006 min
Response: 8534501
Conc: 734.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



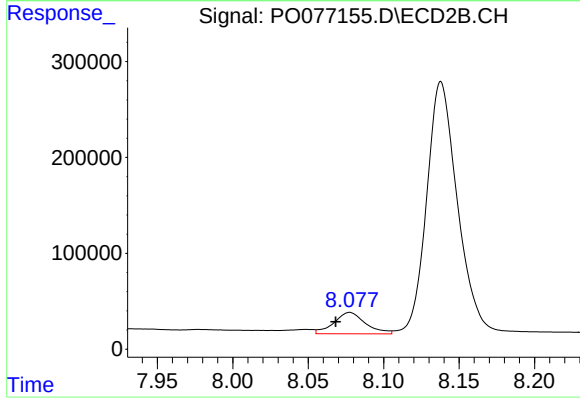
#37 AR-1262-2

R.T.: 7.792 min
Delta R.T.: 0.006 min
Response: 4607456
Conc: 742.29 ng/ml



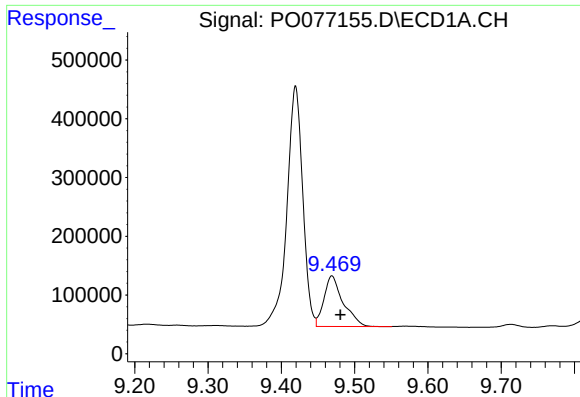
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.389 min
Response: 0
Conc: N.D.



#38 AR-1262-3

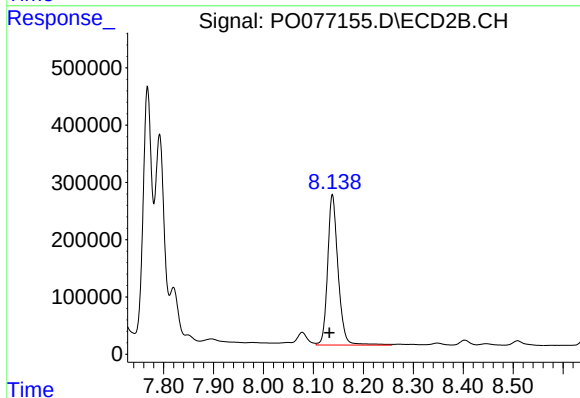
R.T.: 8.078 min
Delta R.T.: 0.009 min
Response: 324444
Conc: 134.22 ng/ml



#39 AR-1262-4

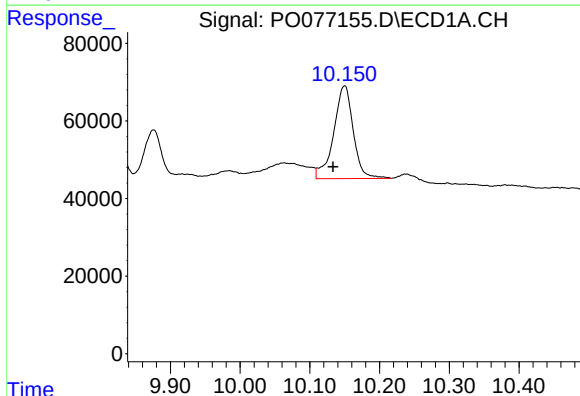
R.T.: 9.469 min
Delta R.T.: -0.012 min
Response: 1556217
Conc: 258.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



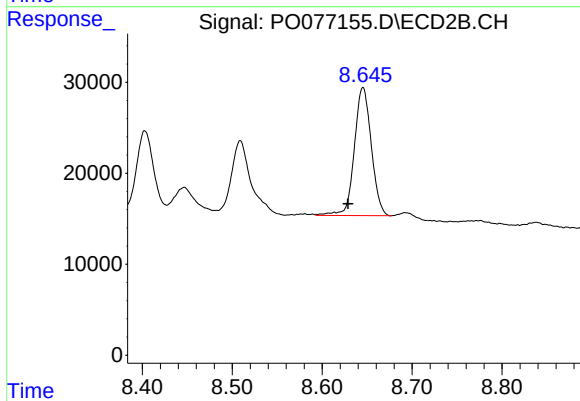
#39 AR-1262-4

R.T.: 8.138 min
Delta R.T.: 0.006 min
Response: 3836134
Conc: 858.19 ng/ml



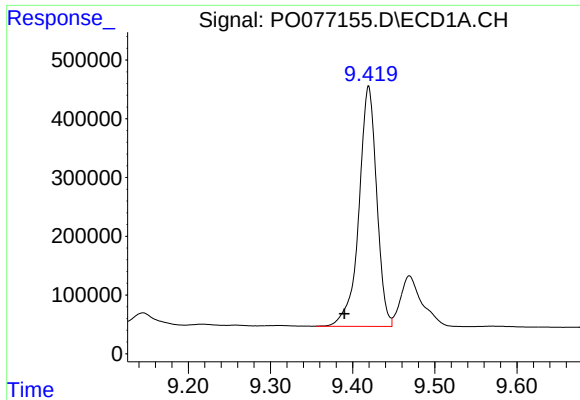
#40 AR-1262-5

R.T.: 10.150 min
Delta R.T.: 0.016 min
Response: 466445
Conc: 110.40 ng/ml



#40 AR-1262-5

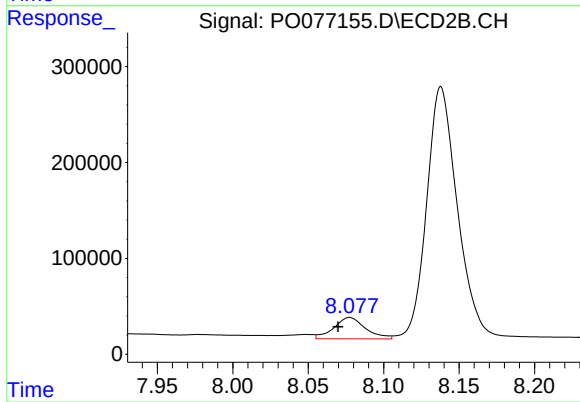
R.T.: 8.645 min
Delta R.T.: 0.017 min
Response: 184693
Conc: 100.37 ng/ml



#41 AR-1268-1

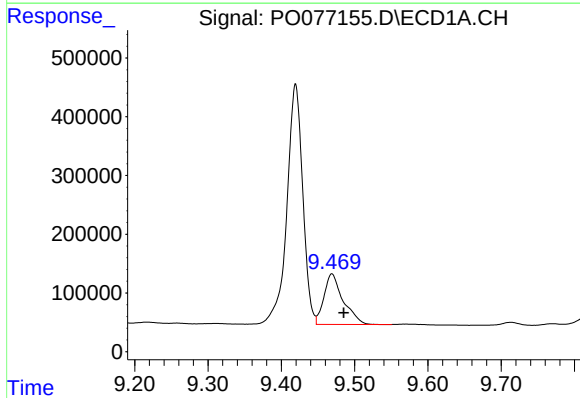
R.T.: 9.419 min
Delta R.T.: 0.030 min
Response: 6135089
Conc: 431.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



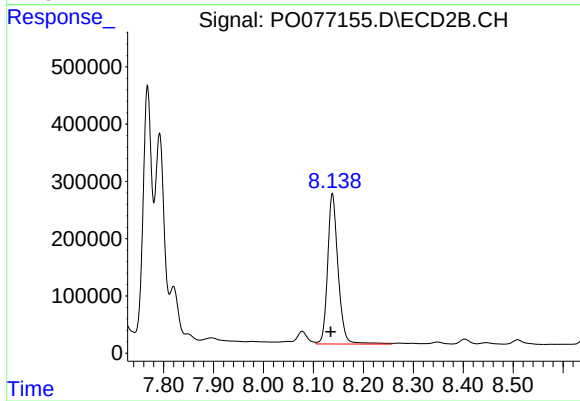
#41 AR-1268-1

R.T.: 8.078 min
Delta R.T.: 0.008 min
Response: 324444
Conc: 46.01 ng/ml



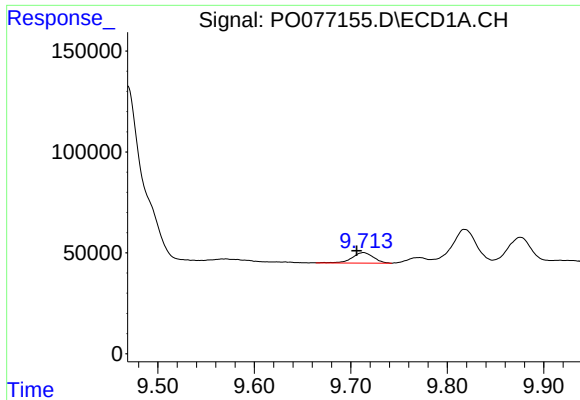
#42 AR-1268-2

R.T.: 9.469 min
Delta R.T.: -0.016 min
Response: 1556217
Conc: 118.02 ng/ml



#42 AR-1268-2

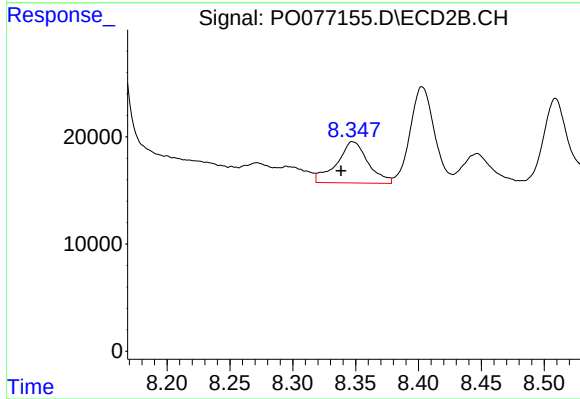
R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 3836134
Conc: 597.23 ng/ml



#43 AR-1268-3

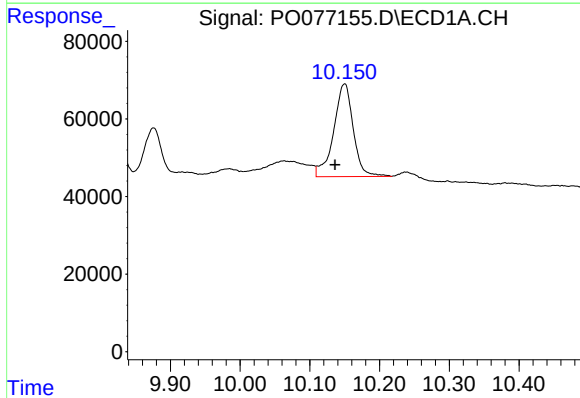
R.T.: 9.713 min
Delta R.T.: 0.007 min
Response: 80987
Conc: 7.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



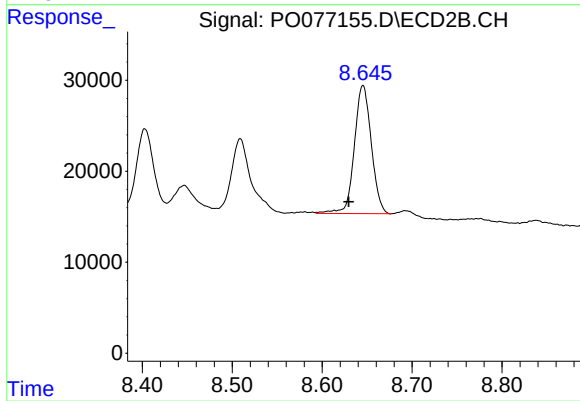
#43 AR-1268-3

R.T.: 8.348 min
Delta R.T.: 0.009 min
Response: 66688
Conc: 12.58 ng/ml



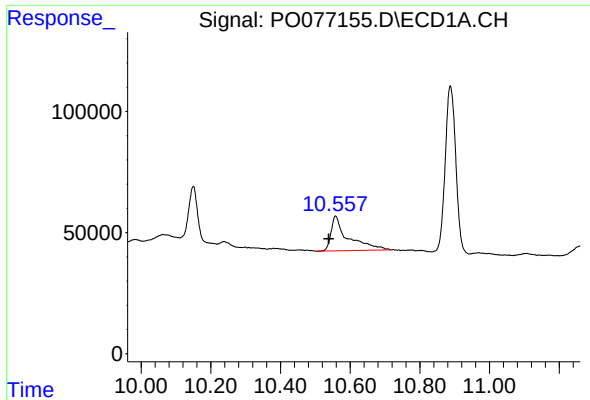
#44 AR-1268-4

R.T.: 10.150 min
Delta R.T.: 0.014 min
Response: 466445
Conc: 96.06 ng/ml



#44 AR-1268-4

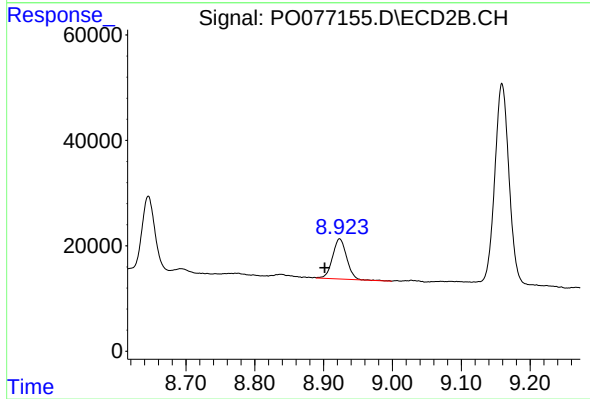
R.T.: 8.645 min
Delta R.T.: 0.016 min
Response: 184693
Conc: 87.23 ng/ml



#45 AR-1268-5

R.T.: 10.558 min
Delta R.T.: 0.019 min
Response: 488098
Conc: 12.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.923 min
Delta R.T.: 0.022 min
Response: 108561
Conc: 7.74 ng/ml