

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031621\
 Data File : P0076198.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Mar 2021 12:22
 Operator : DD\AJ
 Sample : M1629-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 17:29:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 16 07:18:57 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...	4.921	3.935	1310471	923359	23.068	22.132
2)	SA Decachlor...	10.923	9.203	34572058	27682108	898.825	720.935
Target Compounds							
3)	L1 AR-1016-1	6.240	5.205f	45358	31451	27.528	26.873
4)	L1 AR-1016-2	6.240f	5.205	45358	31451	17.751	14.277
5)	L1 AR-1016-3	6.343	5.405	51000	151817	32.386	147.651 #
7)	L1 AR-1016-5	0.000	5.675	0	23970	N.D.	21.061 #
8)	L2 AR-1221-1	5.181	0.000	29512	0	55.892	N.D. #
10)	L2 AR-1221-3	5.373	4.378	48811	29415	36.363	27.902
11)	L3 AR-1232-1	5.373	4.378	48811	29415	45.245	34.416
12)	L3 AR-1232-2	0.000	5.205	0	31451	N.D.	33.323 #
13)	L3 AR-1232-3	0.000	5.405	0	151817	N.D.	365.525 #
14)	L3 AR-1232-4	0.000	5.502	0	80646	N.D.	192.612 #
15)	L3 AR-1232-5	6.531	5.675	60319	23970	161.947	54.443 #
16)	L4 AR-1242-1	6.240	5.205f	45358	31451	35.917	35.450
17)	L4 AR-1242-2	6.240f	5.205	45358	31451	22.886	18.171
18)	L4 AR-1242-3	6.343	5.405	51000	151817	40.247	188.478 #
19)	L4 AR-1242-4	0.000	5.502	0	80646	N.D.	92.907 #
20)	L4 AR-1242-5	7.248f	6.052	328743	531843	327.212	527.732 #
21)	L5 AR-1248-1	6.240	5.205f	45358	31451	48.111	45.795
22)	L5 AR-1248-2	6.531	0.000	60319	0	40.042	N.D. #
23)	L5 AR-1248-3	0.000	5.502	0	80646	N.D.	63.093 #
24)	L5 AR-1248-4	7.187	5.675	321501	23970	182.740	16.301 #
25)	L5 AR-1248-5	7.248f	6.096	328743	68172	185.874	44.080 #
26)	L6 AR-1254-1	7.167	6.052	493494	531843	240.799	232.702
27)	L6 AR-1254-2	7.394	0.000	630814	0	202.994	N.D. #
28)	L6 AR-1254-3	7.772	6.628	319066	105910	100.290	35.162 #
29)	L6 AR-1254-4	8.059	6.868	158328	152289	75.569	86.298
30)	L6 AR-1254-5	8.477f	7.293	578822	540531	252.026	206.462
31)	L7 AR-1260-1	7.934	6.762	419479	335340	180.418	163.238
32)	L7 AR-1260-2	8.198	6.962	1054860	486719	413.130	200.689 #
33)	L7 AR-1260-3	8.567	7.117	1664664	388600	839.697	171.821 #
34)	L7 AR-1260-4	8.814f	7.595	1782357	1645058	788.950	853.693
35)	L7 AR-1260-5	9.123	7.844	1783109	1718860	436.229	388.792
36)	L8 AR-1262-1	8.567	7.293	1664664	540531	562.643	370.127 #
37)	L8 AR-1262-2	9.123	7.844	1783109	1718860	368.334	346.992
38)	L8 AR-1262-3	9.431	8.130	6782642	6117550	2052.330	2847.526 #
39)	L8 AR-1262-4	9.526	8.195	4618287	4392111	1796.546	1161.243 #
40)	L8 AR-1262-5	10.183	8.690	2267244	2118022	1378.311	1223.518
41)	L9 AR-1268-1	9.431	8.130	6782642	6117550	1164.365	1041.636
42)	L9 AR-1268-2	9.526	8.195	4618287	4392111	870.573	824.613
43)	L9 AR-1268-3	9.750	8.402	13338849	12380739	2877.298	2610.380

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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
44) L9	AR-1268-4	10.183	8.690	2267244	2118022	1300.925	1139.733
45) L9	AR-1268-5	10.592	8.966	39902307	32275877	2898.247	2418.463

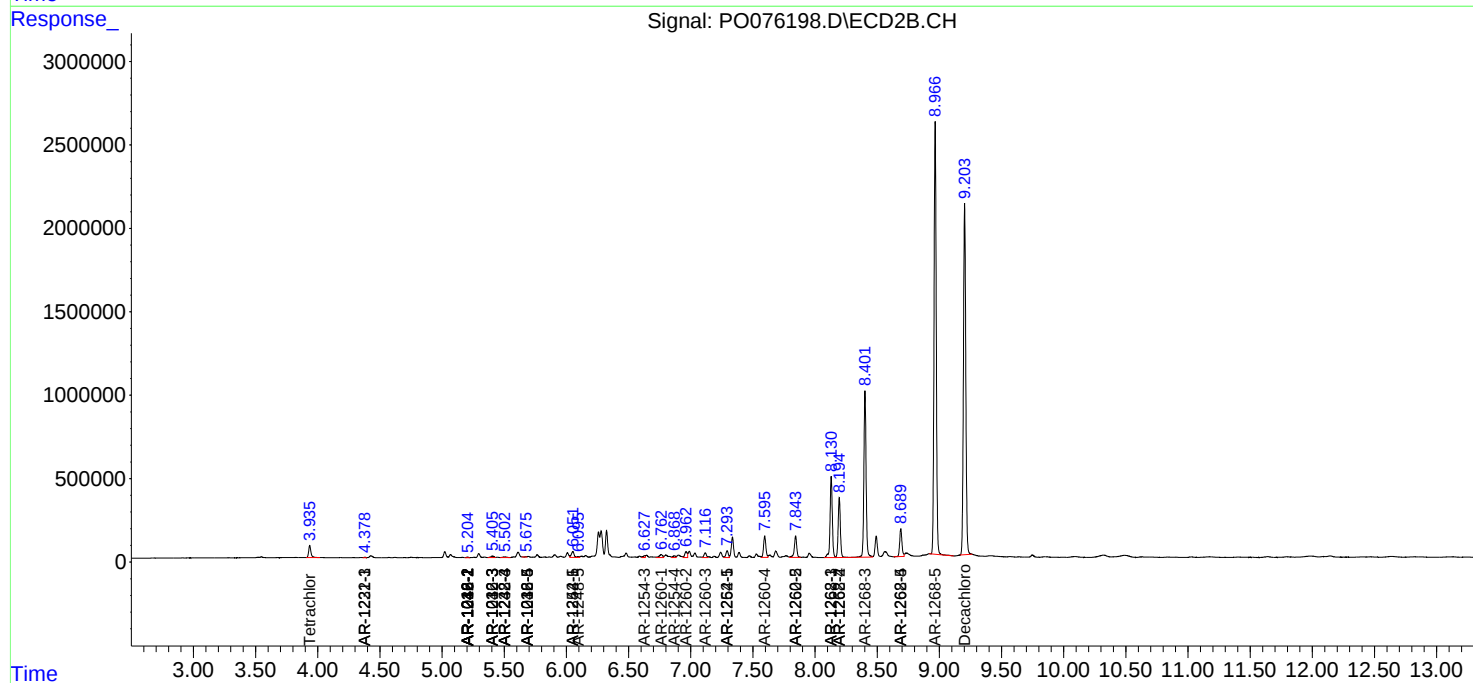
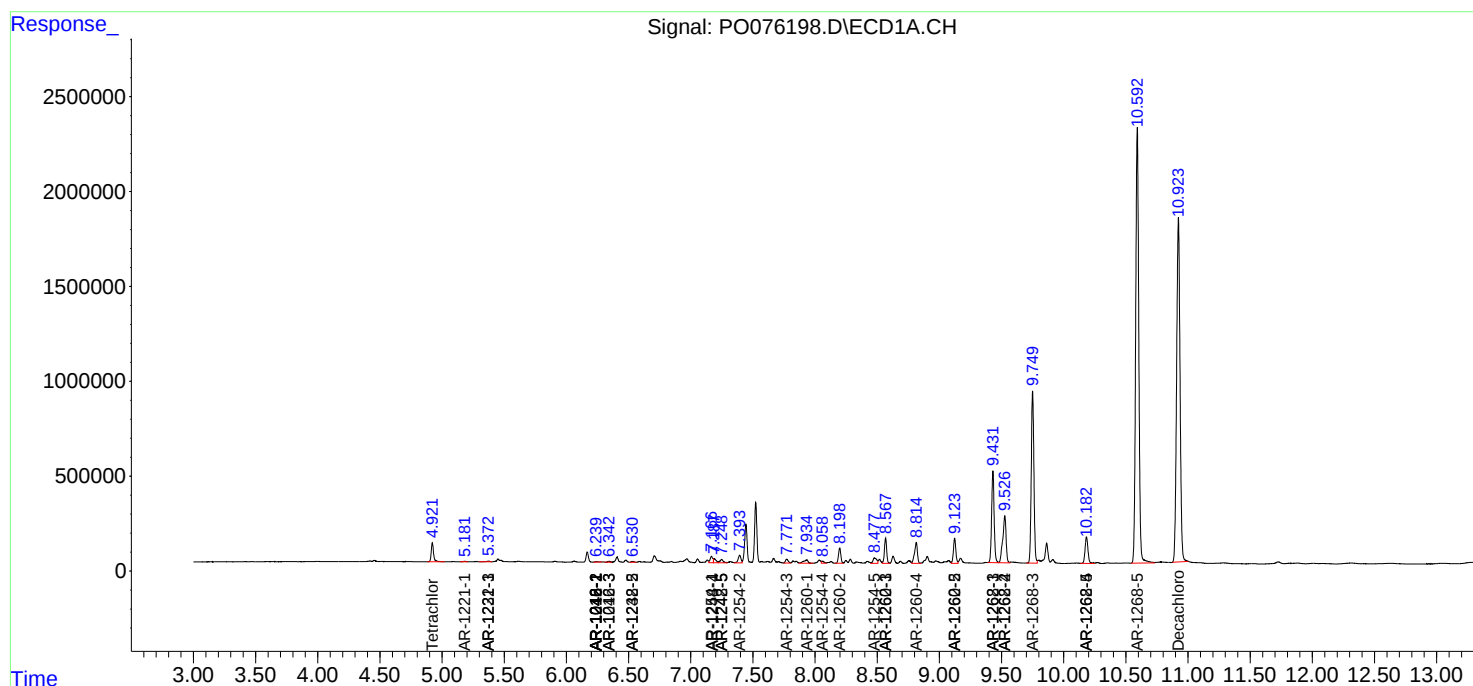
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

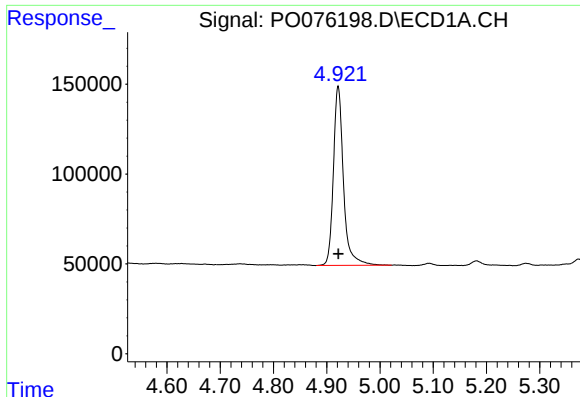
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

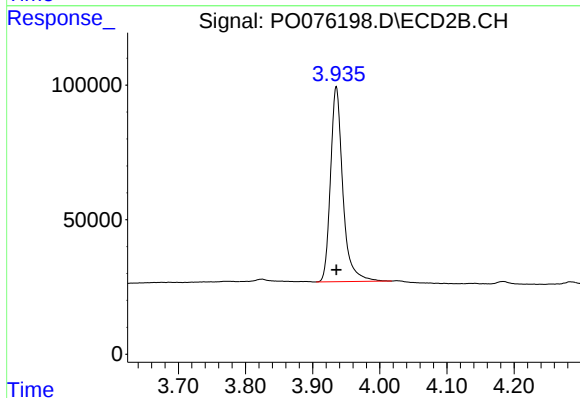




#1 Tetrachloro-m-xylene

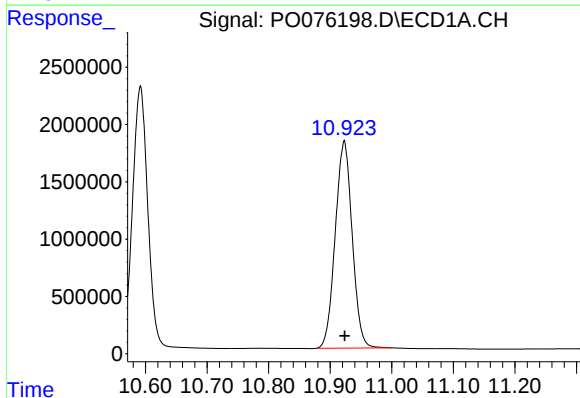
R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 1310471
Conc: 23.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



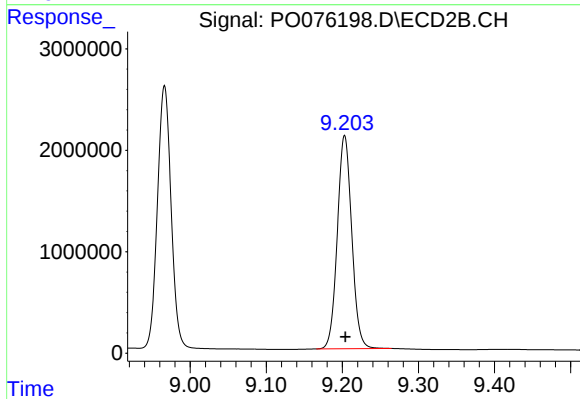
#1 Tetrachloro-m-xylene

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 923359
Conc: 22.13 ng/ml



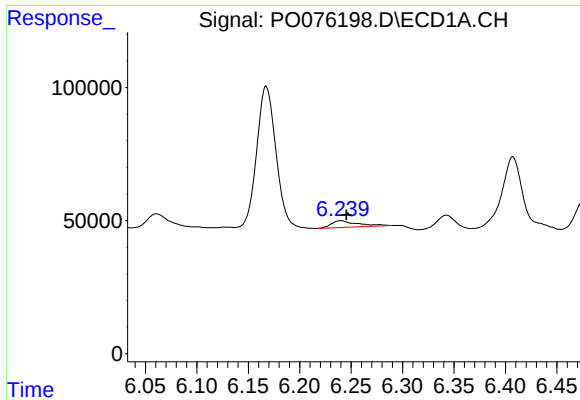
#2 Decachlorobiphenyl

R.T.: 10.923 min
Delta R.T.: 0.000 min
Response: 34572058
Conc: 898.83 ng/ml



#2 Decachlorobiphenyl

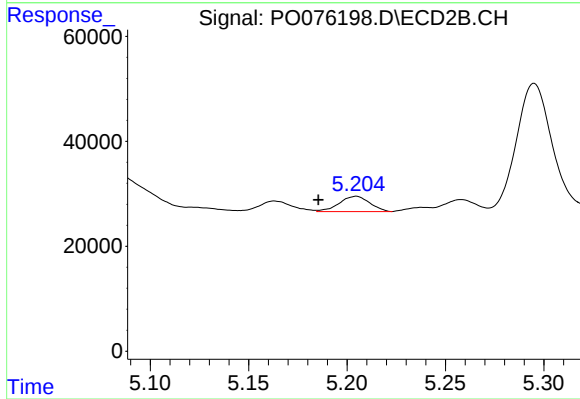
R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 27682108
Conc: 720.94 ng/ml



#3 AR-1016-1

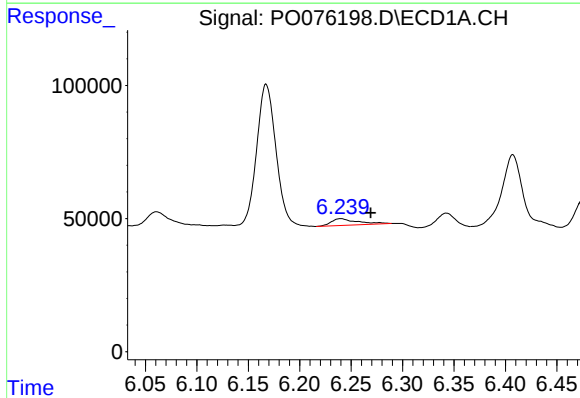
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 45358
Conc: 27.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



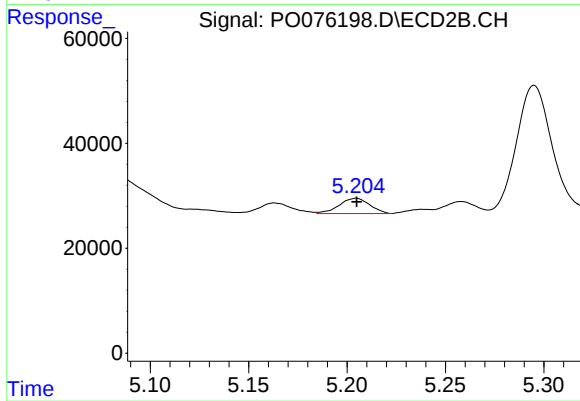
#3 AR-1016-1

R.T.: 5.205 min
Delta R.T.: 0.019 min
Response: 31451
Conc: 26.87 ng/ml



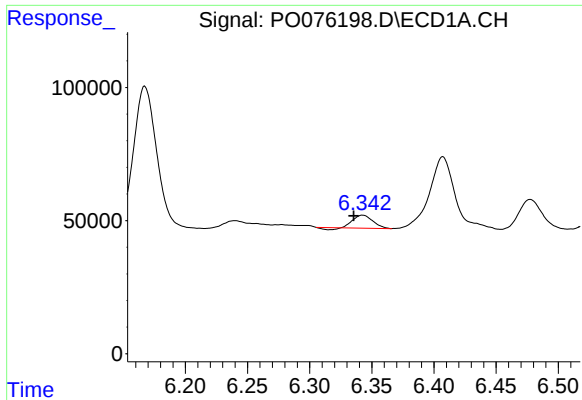
#4 AR-1016-2

R.T.: 6.240 min
Delta R.T.: -0.029 min
Response: 45358
Conc: 17.75 ng/ml



#4 AR-1016-2

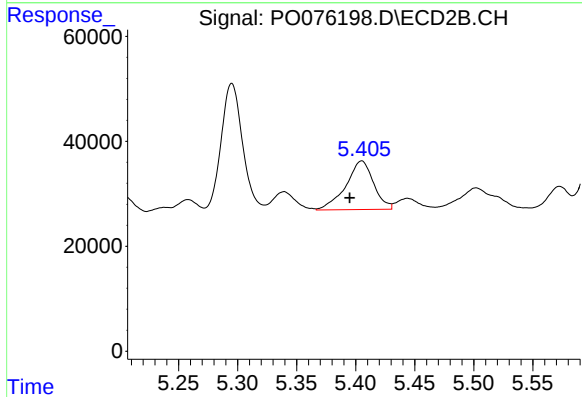
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 31451
Conc: 14.28 ng/ml



#5 AR-1016-3

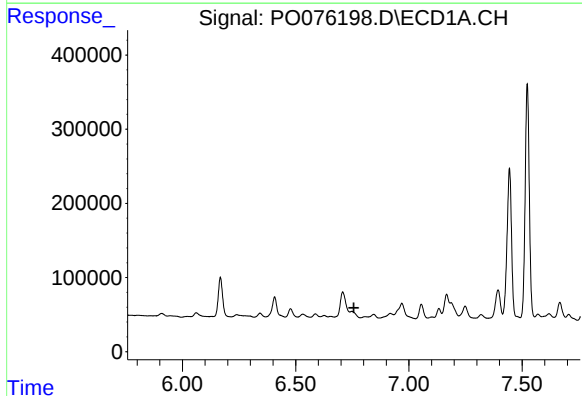
R.T.: 6.343 min
Delta R.T.: 0.007 min
Response: 51000
Conc: 32.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



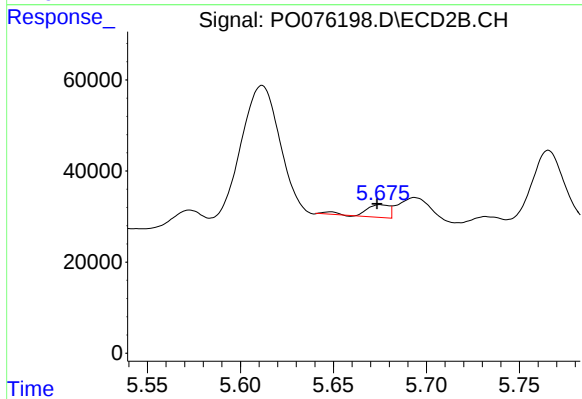
#5 AR-1016-3

R.T.: 5.405 min
Delta R.T.: 0.010 min
Response: 151817
Conc: 147.65 ng/ml



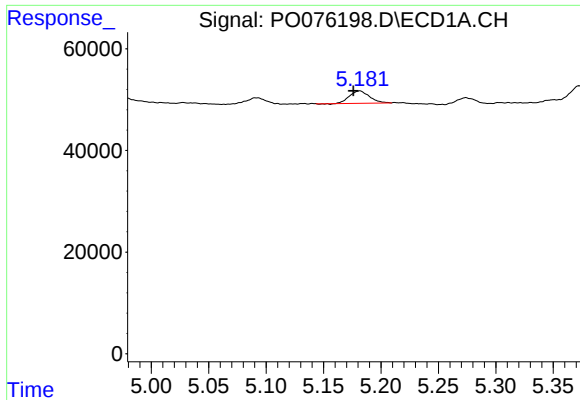
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.



#7 AR-1016-5

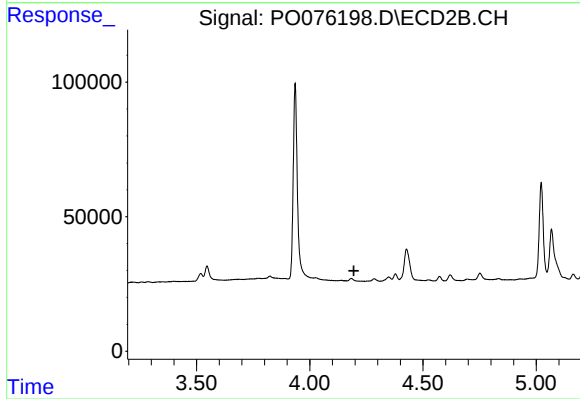
R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 23970
Conc: 21.06 ng/ml



#8 AR-1221-1

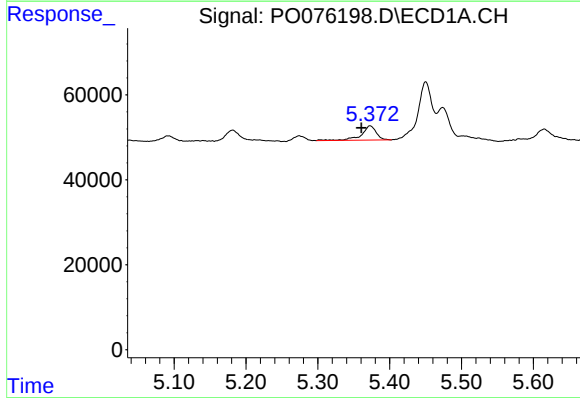
R.T.: 5.181 min
Delta R.T.: 0.005 min
Response: 29512
Conc: 55.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



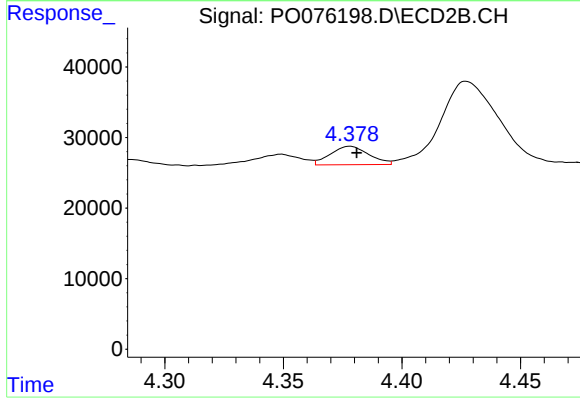
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.195 min
Response: 0
Conc: N.D.



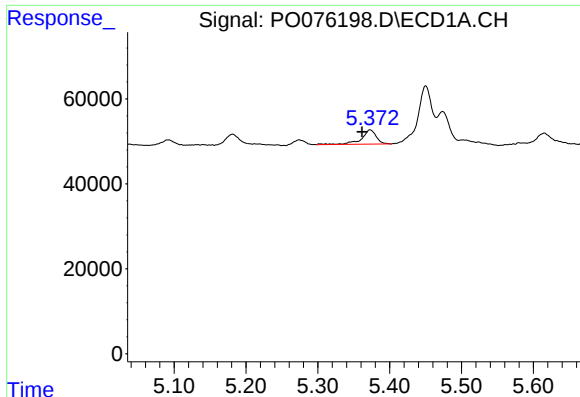
#10 AR-1221-3

R.T.: 5.373 min
Delta R.T.: 0.012 min
Response: 48811
Conc: 36.36 ng/ml



#10 AR-1221-3

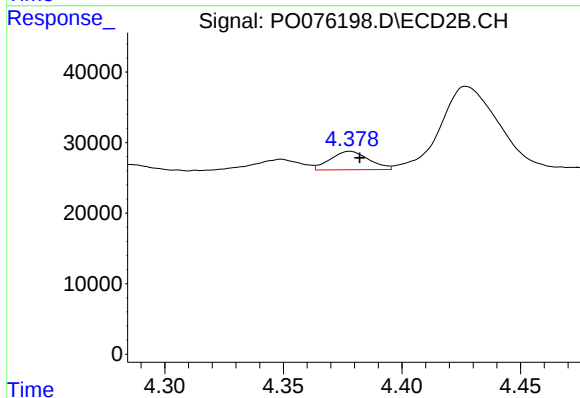
R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 29415
Conc: 27.90 ng/ml



#11 AR-1232-1

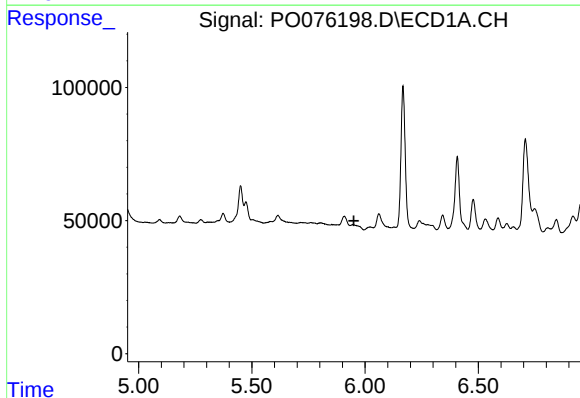
R.T.: 5.373 min
Delta R.T.: 0.011 min
Response: 48811
Conc: 45.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



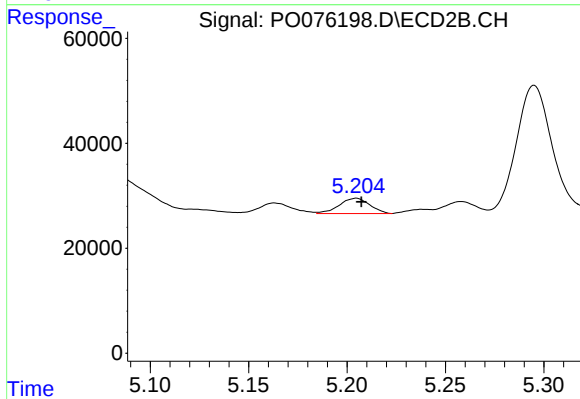
#11 AR-1232-1

R.T.: 4.378 min
Delta R.T.: -0.004 min
Response: 29415
Conc: 34.42 ng/ml



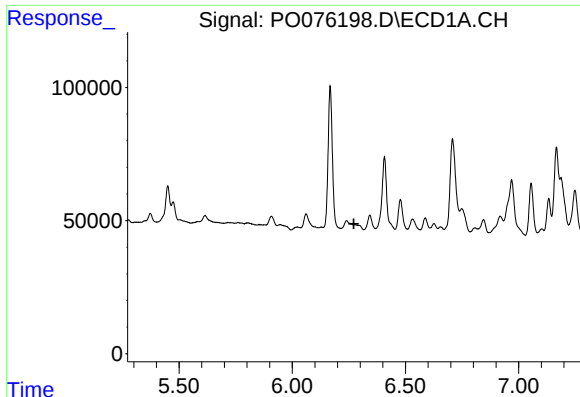
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.951 min
Response: 0
Conc: N.D.



#12 AR-1232-2

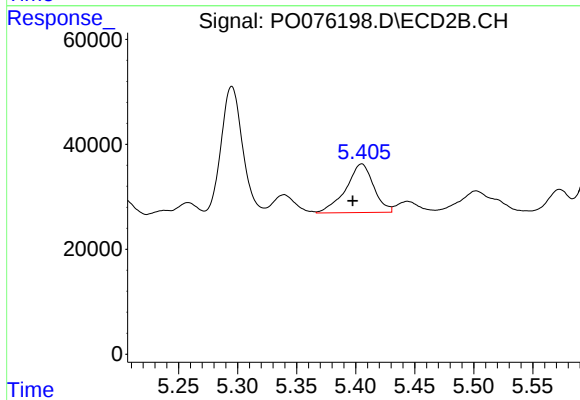
R.T.: 5.205 min
Delta R.T.: -0.003 min
Response: 31451
Conc: 33.32 ng/ml



#13 AR-1232-3

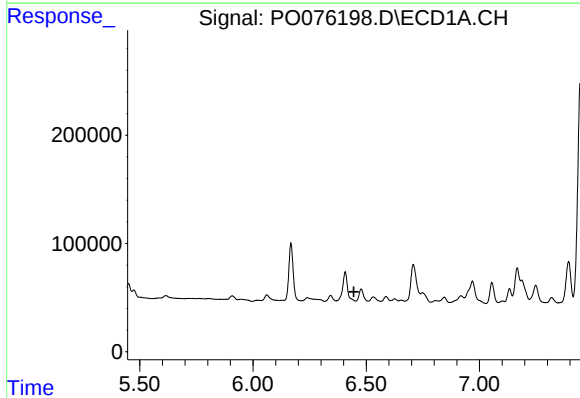
R.T.: 0.000 min
Exp R.T.: 6.272 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



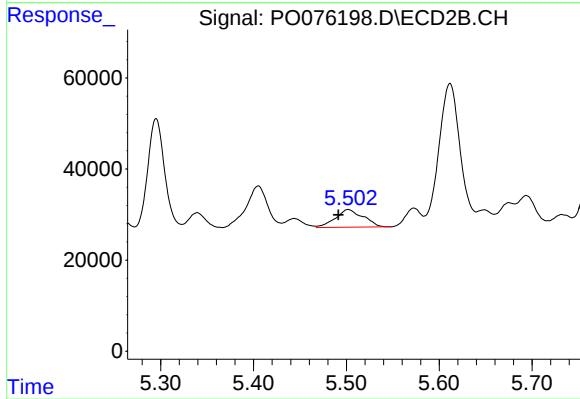
#13 AR-1232-3

R.T.: 5.405 min
Delta R.T.: 0.008 min
Response: 151817
Conc: 365.52 ng/ml



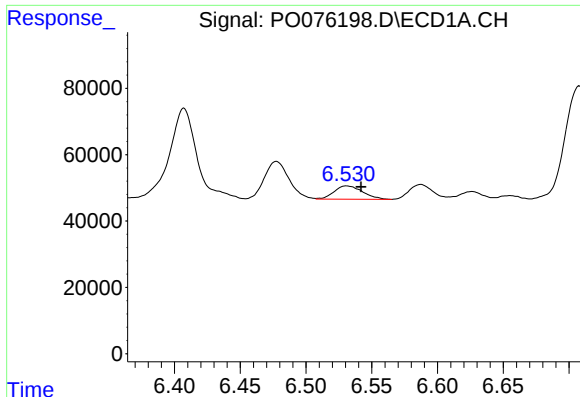
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#14 AR-1232-4

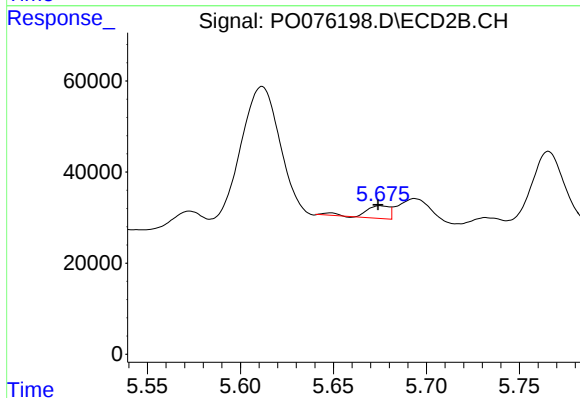
R.T.: 5.502 min
Delta R.T.: 0.011 min
Response: 80646
Conc: 192.61 ng/ml



#15 AR-1232-5

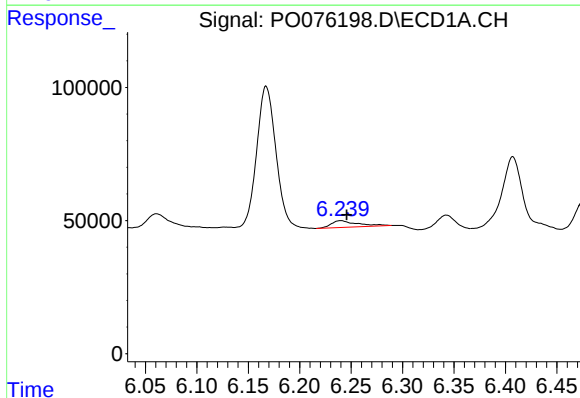
R.T.: 6.531 min
Delta R.T.: -0.011 min
Response: 60319
Conc: 161.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



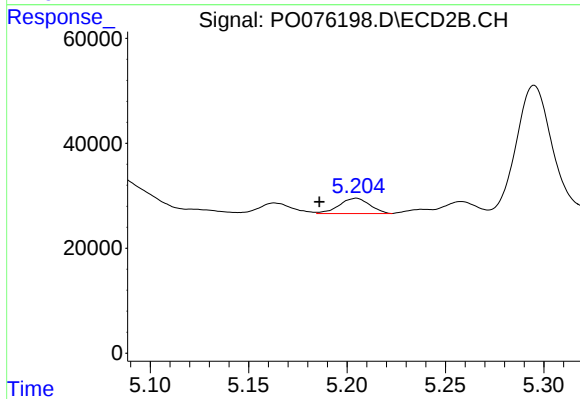
#15 AR-1232-5

R.T.: 5.675 min
Delta R.T.: 0.001 min
Response: 23970
Conc: 54.44 ng/ml



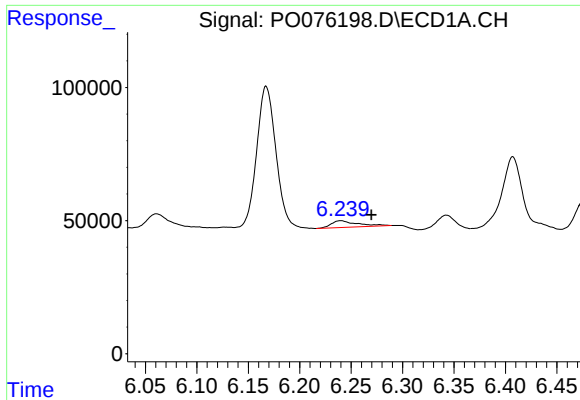
#16 AR-1242-1

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 45358
Conc: 35.92 ng/ml



#16 AR-1242-1

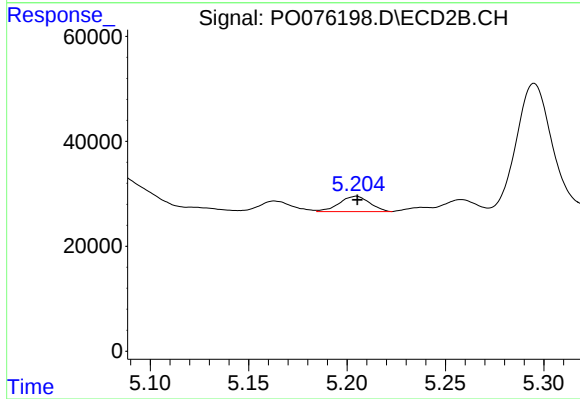
R.T.: 5.205 min
Delta R.T.: 0.019 min
Response: 31451
Conc: 35.45 ng/ml



#17 AR-1242-2

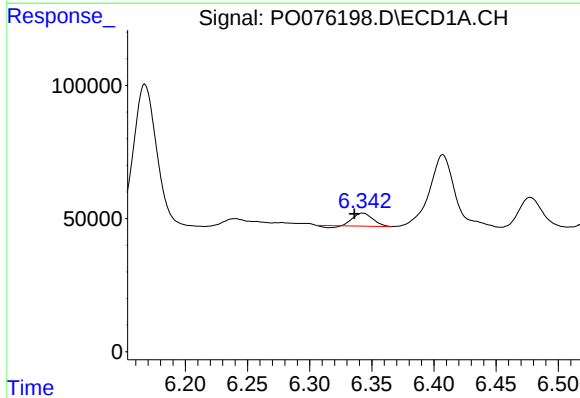
R.T.: 6.240 min
Delta R.T.: -0.030 min
Response: 45358
Conc: 22.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



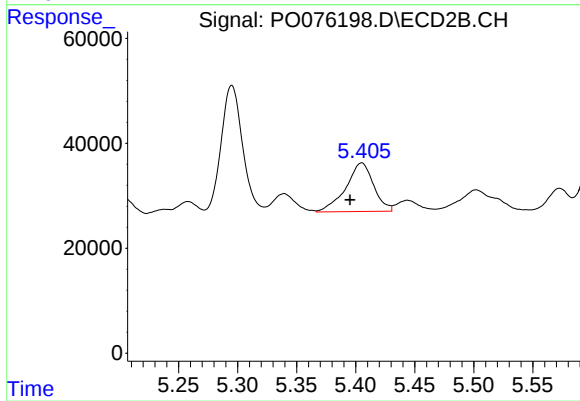
#17 AR-1242-2

R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 31451
Conc: 18.17 ng/ml



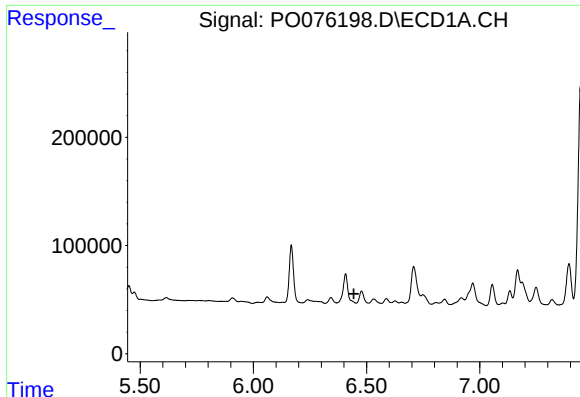
#18 AR-1242-3

R.T.: 6.343 min
Delta R.T.: 0.007 min
Response: 51000
Conc: 40.25 ng/ml



#18 AR-1242-3

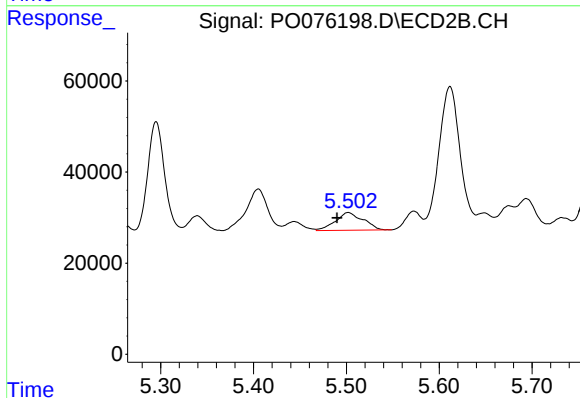
R.T.: 5.405 min
Delta R.T.: 0.010 min
Response: 151817
Conc: 188.48 ng/ml



#19 AR-1242-4

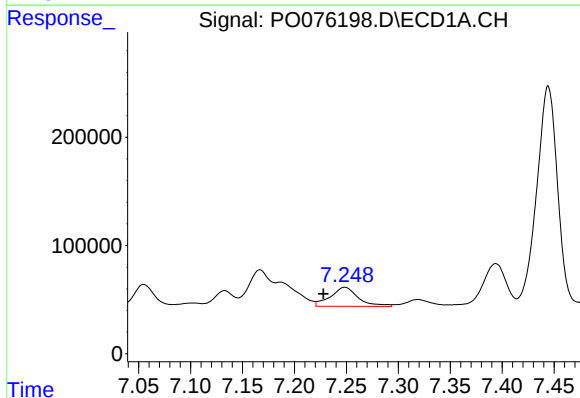
R.T.: 0.000 min
Exp R.T.: 6.444 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



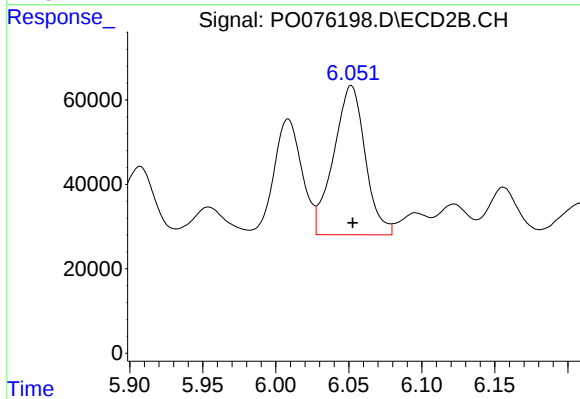
#19 AR-1242-4

R.T.: 5.502 min
Delta R.T.: 0.012 min
Response: 80646
Conc: 92.91 ng/ml



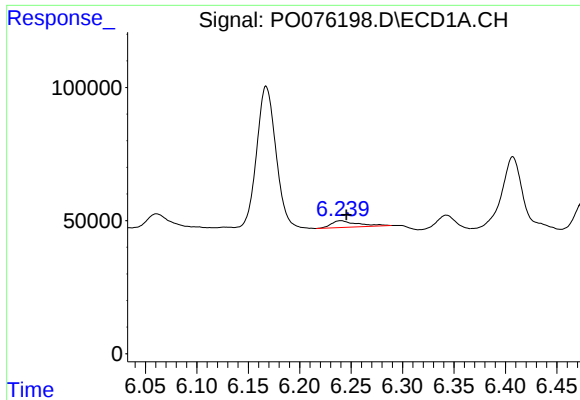
#20 AR-1242-5

R.T.: 7.248 min
Delta R.T.: 0.021 min
Response: 328743
Conc: 327.21 ng/ml



#20 AR-1242-5

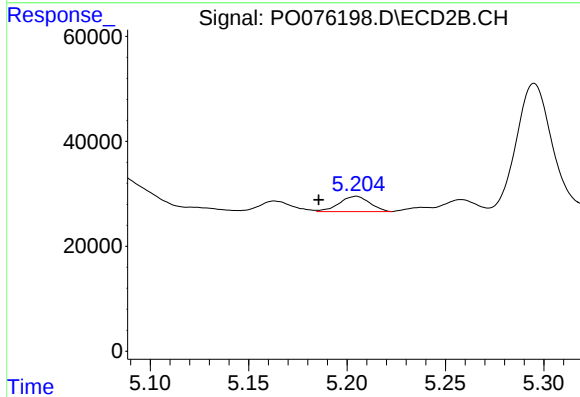
R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 531843
Conc: 527.73 ng/ml



#21 AR-1248-1

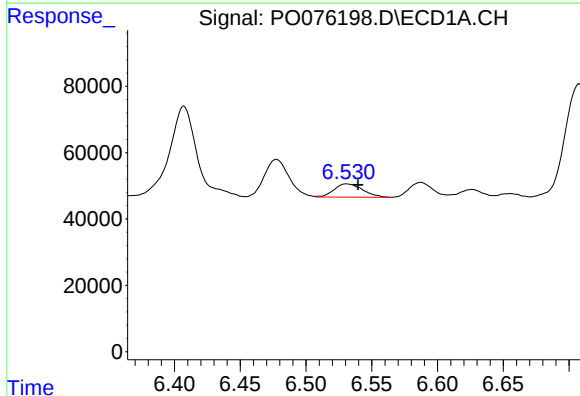
R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 45358
Conc: 48.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



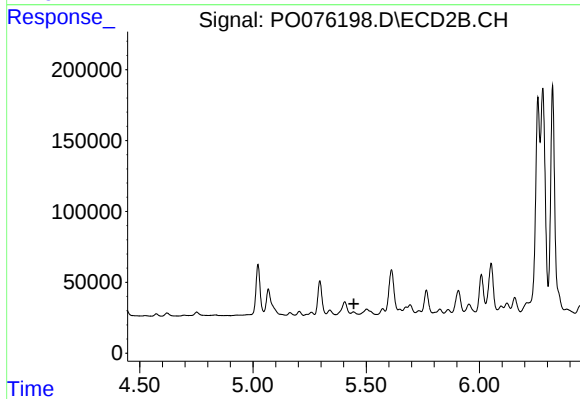
#21 AR-1248-1

R.T.: 5.205 min
Delta R.T.: 0.019 min
Response: 31451
Conc: 45.79 ng/ml



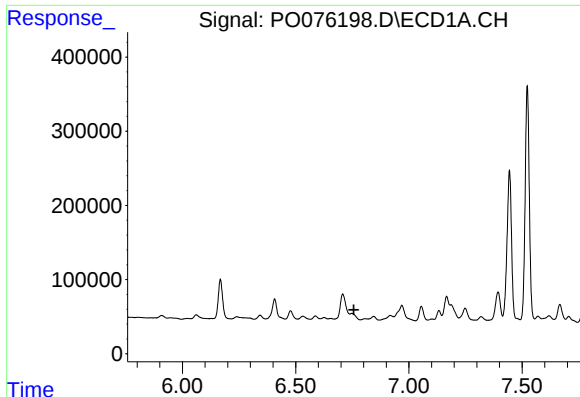
#22 AR-1248-2

R.T.: 6.531 min
Delta R.T.: -0.009 min
Response: 60319
Conc: 40.04 ng/ml



#22 AR-1248-2

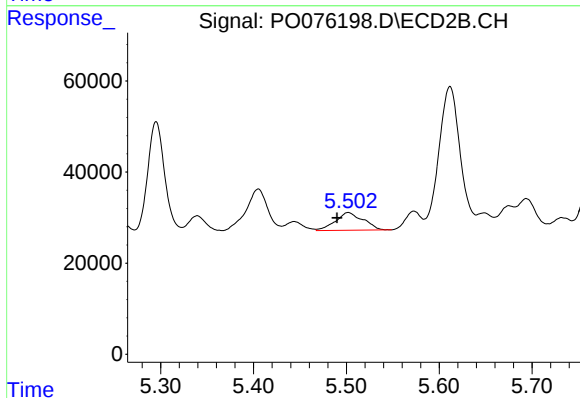
R.T.: 0.000 min
Exp R.T. : 5.445 min
Response: 0
Conc: N.D.



#23 AR-1248-3

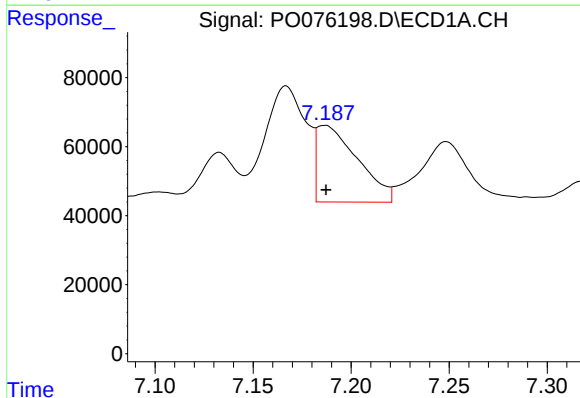
R.T.: 0.000 min
Exp R.T.: 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



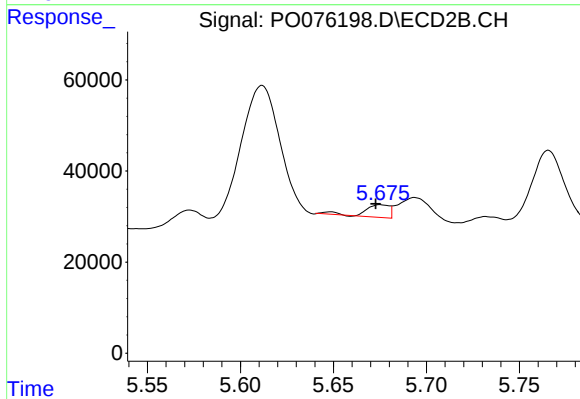
#23 AR-1248-3

R.T.: 5.502 min
Delta R.T.: 0.012 min
Response: 80646
Conc: 63.09 ng/ml



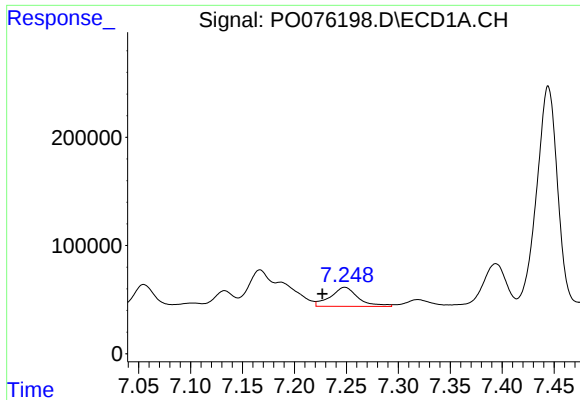
#24 AR-1248-4

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 321501
Conc: 182.74 ng/ml



#24 AR-1248-4

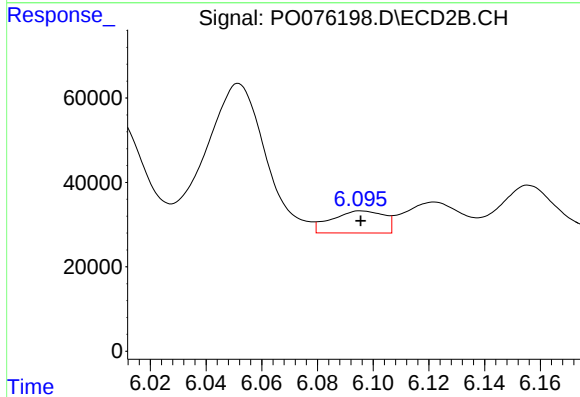
R.T.: 5.675 min
Delta R.T.: 0.003 min
Response: 23970
Conc: 16.30 ng/ml



#25 AR-1248-5

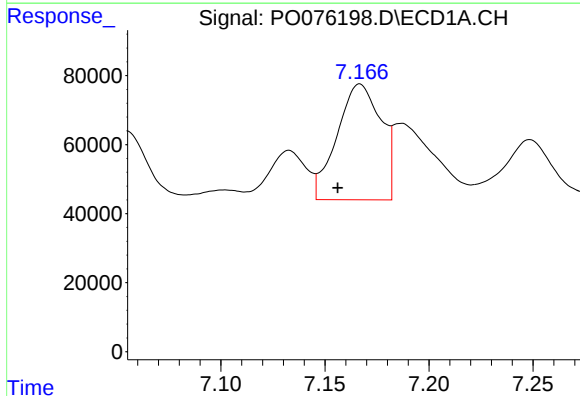
R.T.: 7.248 min
Delta R.T.: 0.022 min
Response: 328743
Conc: 185.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



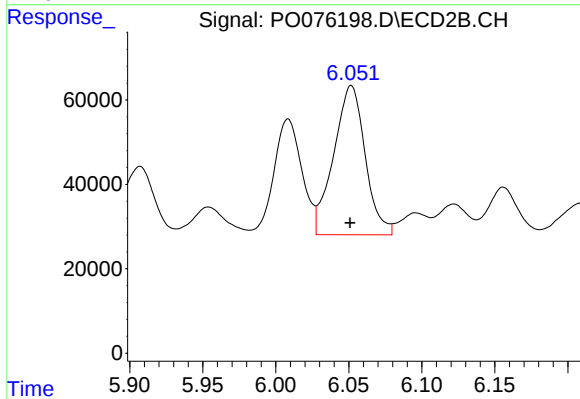
#25 AR-1248-5

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 68172
Conc: 44.08 ng/ml



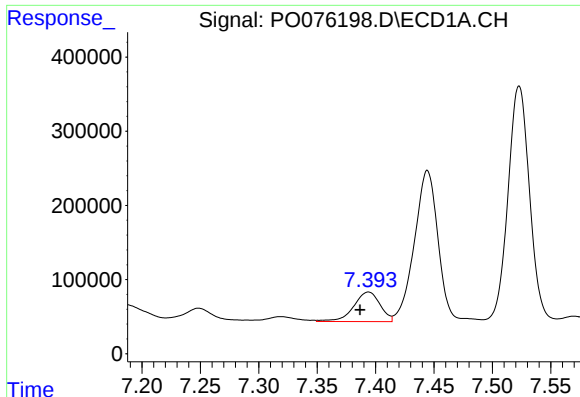
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: 0.011 min
Response: 493494
Conc: 240.80 ng/ml



#26 AR-1254-1

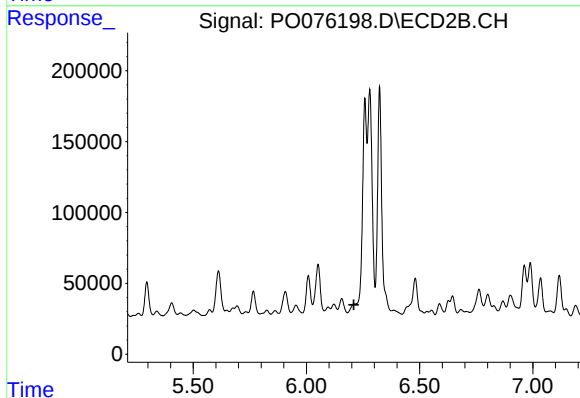
R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 531843
Conc: 232.70 ng/ml



#27 AR-1254-2

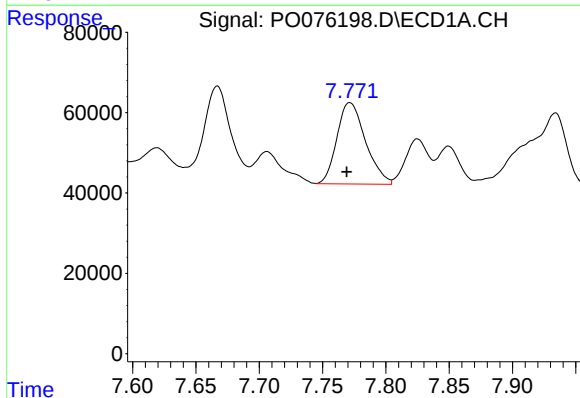
R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 630814
Conc: 202.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



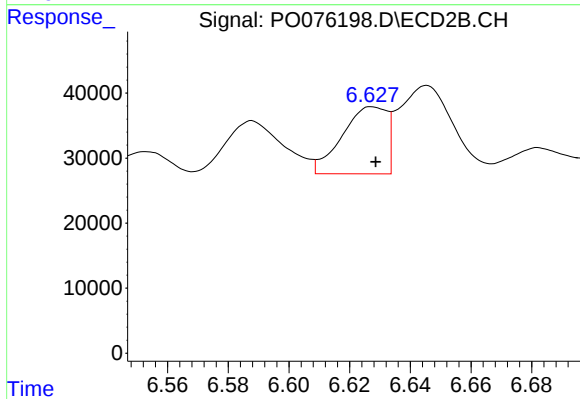
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.210 min
Response: 0
Conc: N.D.



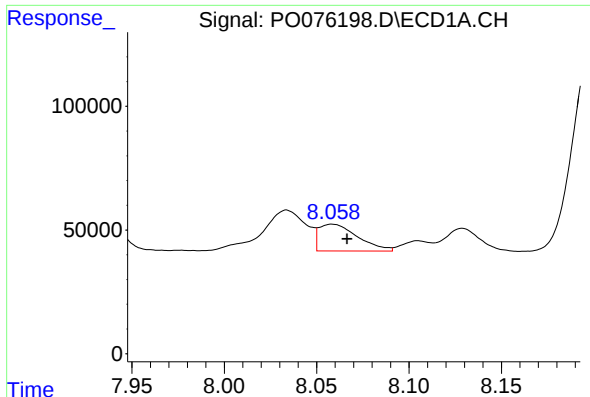
#28 AR-1254-3

R.T.: 7.772 min
Delta R.T.: 0.002 min
Response: 319066
Conc: 100.29 ng/ml



#28 AR-1254-3

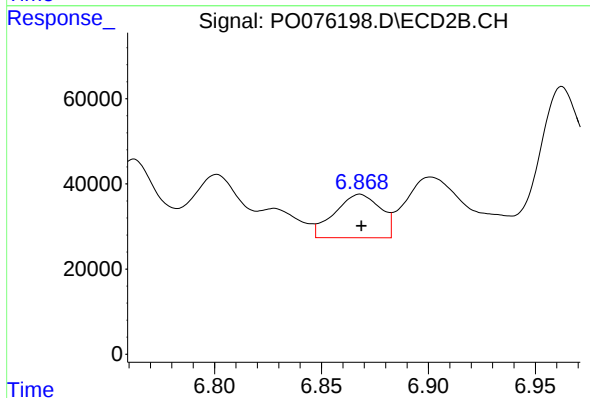
R.T.: 6.628 min
Delta R.T.: -0.001 min
Response: 105910
Conc: 35.16 ng/ml



#29 AR-1254-4

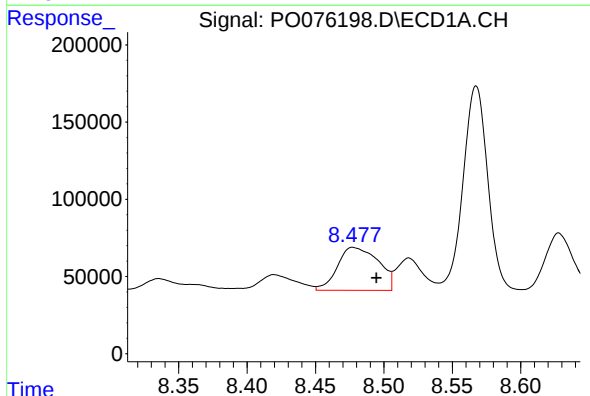
R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 158328
Conc: 75.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



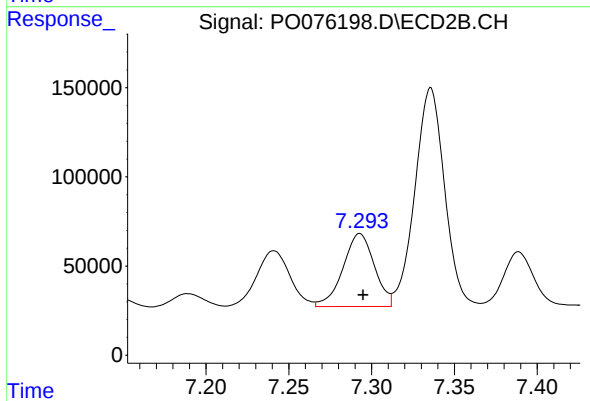
#29 AR-1254-4

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 152289
Conc: 86.30 ng/ml



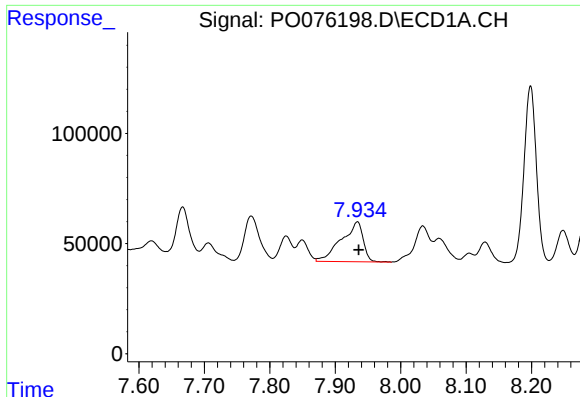
#30 AR-1254-5

R.T.: 8.477 min
Delta R.T.: -0.017 min
Response: 578822
Conc: 252.03 ng/ml



#30 AR-1254-5

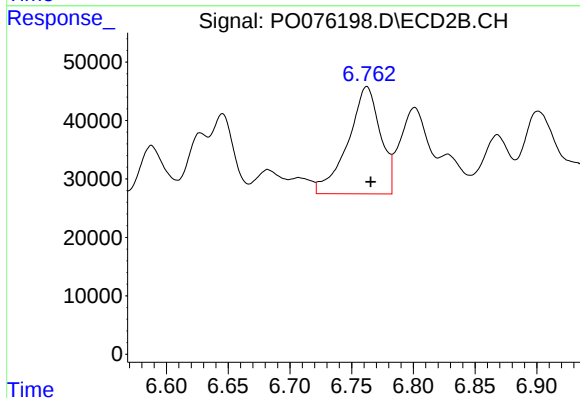
R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 540531
Conc: 206.46 ng/ml



#31 AR-1260-1

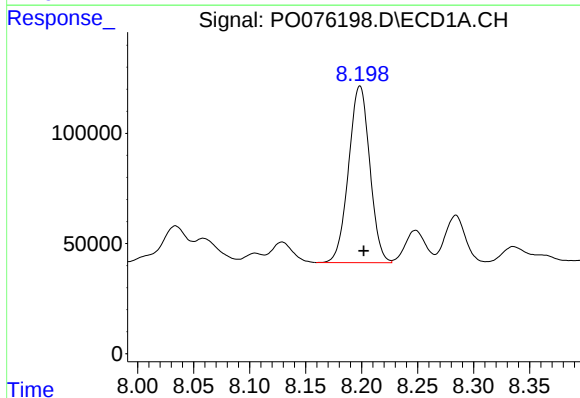
R.T.: 7.934 min
Delta R.T.: -0.002 min
Response: 419479
Conc: 180.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



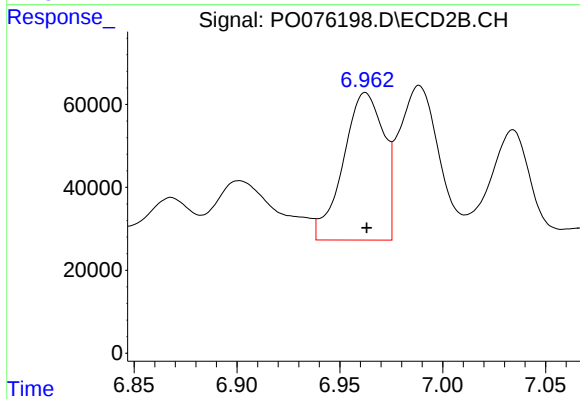
#31 AR-1260-1

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 335340
Conc: 163.24 ng/ml



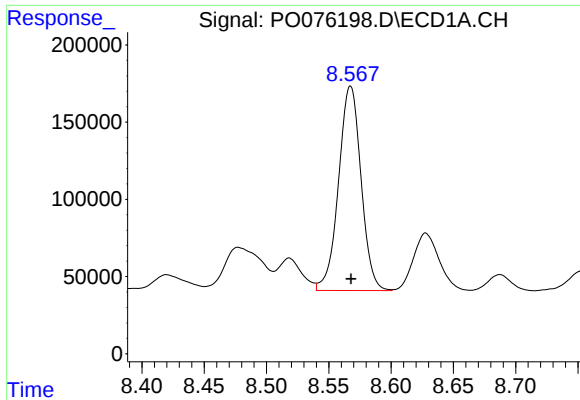
#32 AR-1260-2

R.T.: 8.198 min
Delta R.T.: -0.003 min
Response: 1054860
Conc: 413.13 ng/ml



#32 AR-1260-2

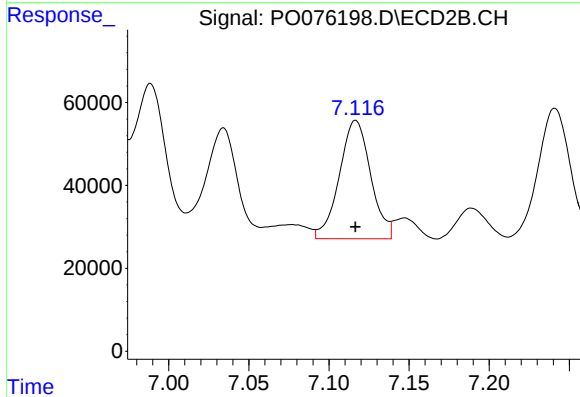
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 486719
Conc: 200.69 ng/ml



#33 AR-1260-3

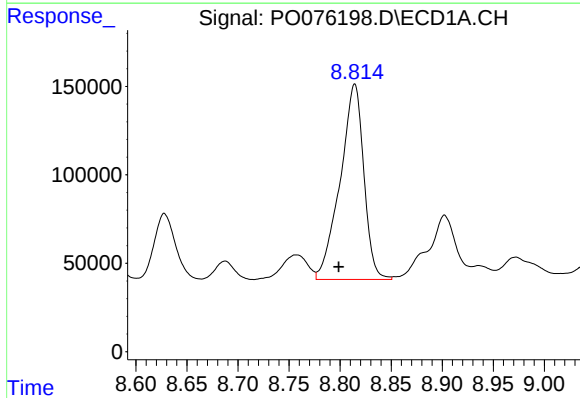
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1664664
Conc: 839.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



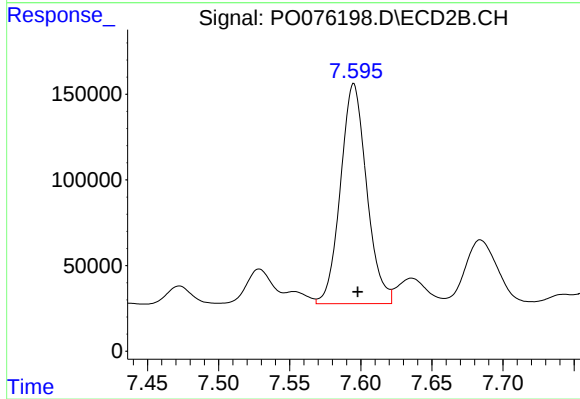
#33 AR-1260-3

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 388600
Conc: 171.82 ng/ml



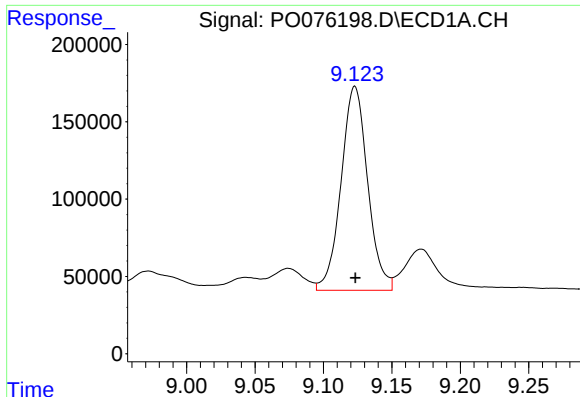
#34 AR-1260-4

R.T.: 8.814 min
Delta R.T.: 0.016 min
Response: 1782357
Conc: 788.95 ng/ml



#34 AR-1260-4

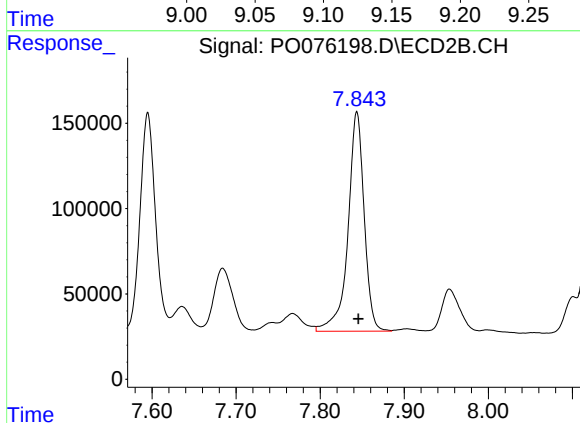
R.T.: 7.595 min
Delta R.T.: -0.003 min
Response: 1645058
Conc: 853.69 ng/ml



#35 AR-1260-5

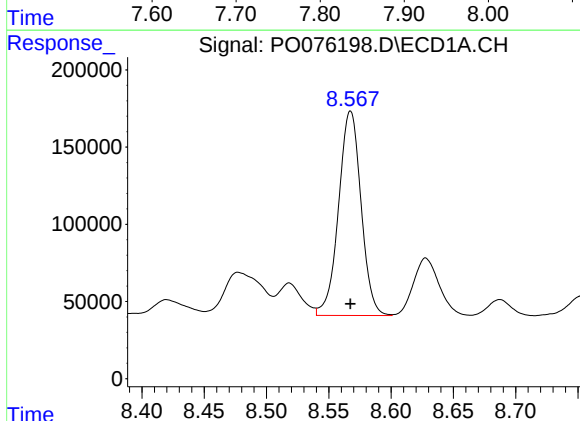
R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 1783109
Conc: 436.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



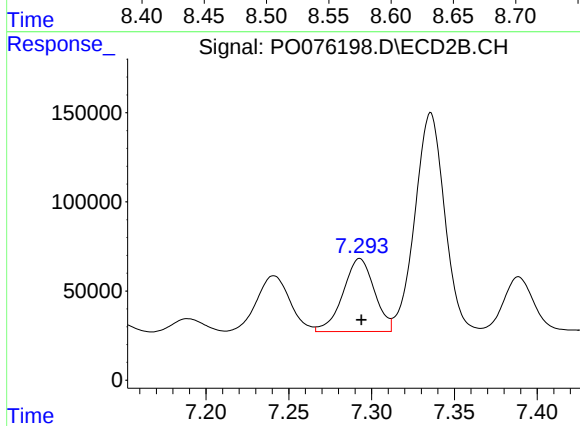
#35 AR-1260-5

R.T.: 7.844 min
Delta R.T.: -0.002 min
Response: 1718860
Conc: 388.79 ng/ml



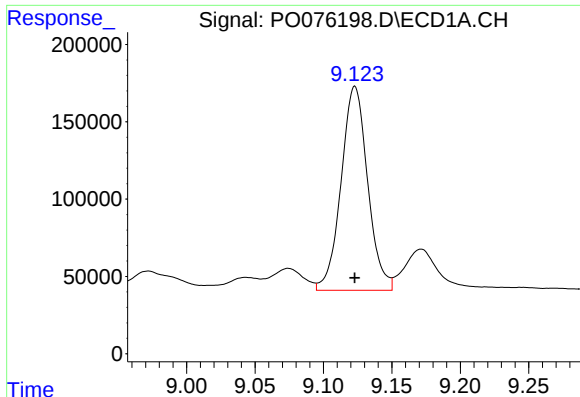
#36 AR-1262-1

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1664664
Conc: 562.64 ng/ml



#36 AR-1262-1

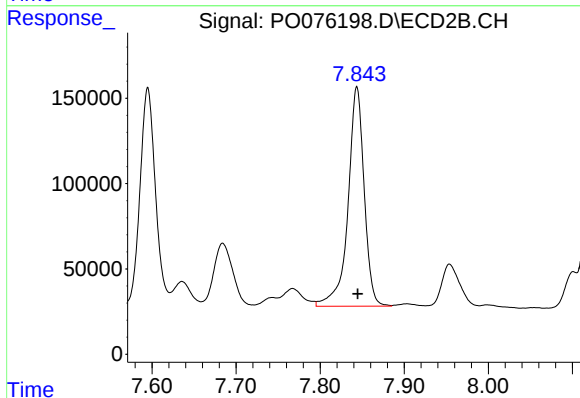
R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 540531
Conc: 370.13 ng/ml



#37 AR-1262-2

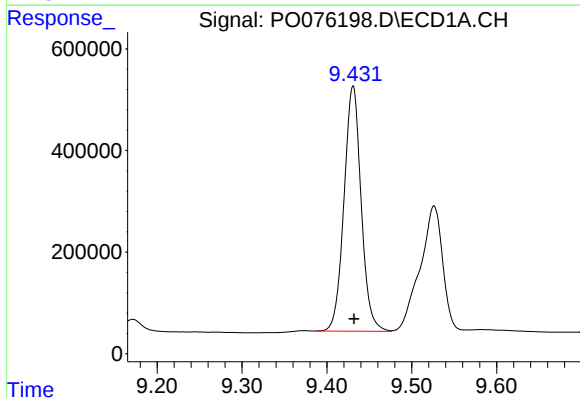
R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 1783109
Conc: 368.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



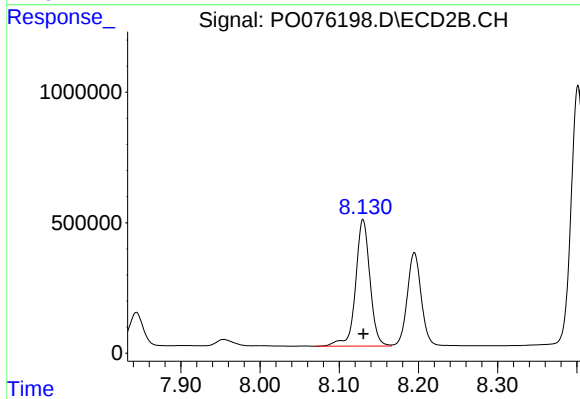
#37 AR-1262-2

R.T.: 7.844 min
Delta R.T.: 0.000 min
Response: 1718860
Conc: 346.99 ng/ml



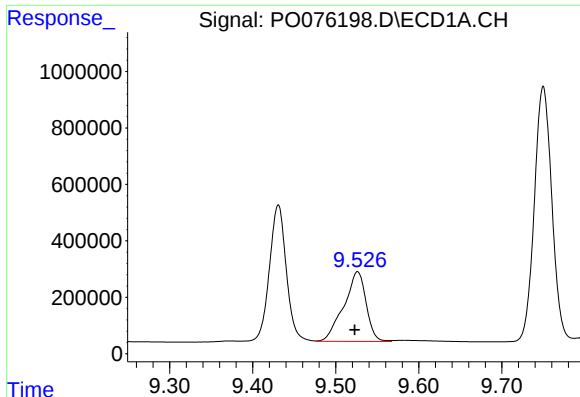
#38 AR-1262-3

R.T.: 9.431 min
Delta R.T.: -0.001 min
Response: 6782642
Conc: 2052.33 ng/ml



#38 AR-1262-3

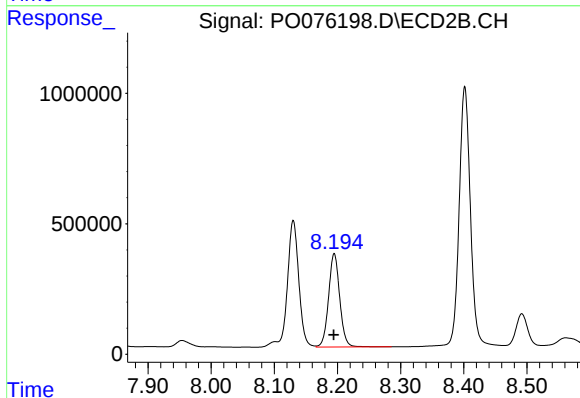
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 6117550
Conc: 2847.53 ng/ml



#39 AR-1262-4

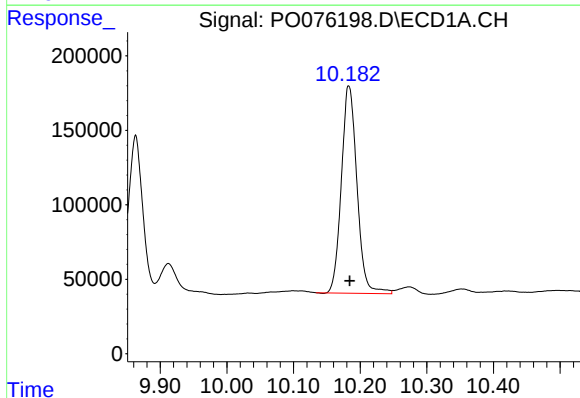
R.T.: 9.526 min
Delta R.T.: 0.003 min
Response: 4618287
Conc: 1796.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



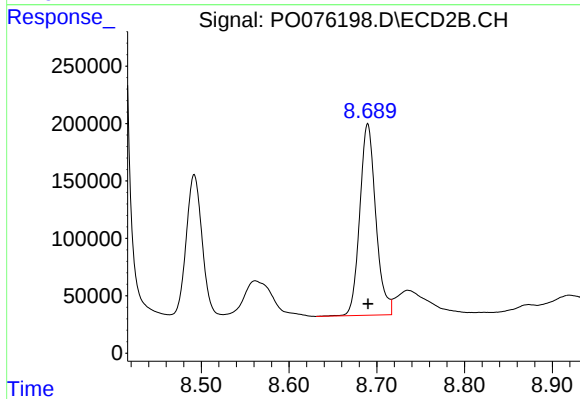
#39 AR-1262-4

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 4392111
Conc: 1161.24 ng/ml



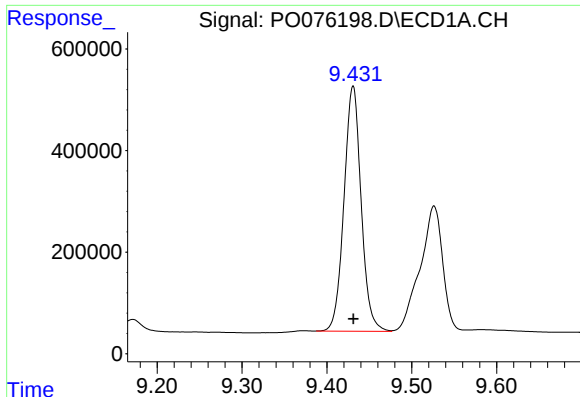
#40 AR-1262-5

R.T.: 10.183 min
Delta R.T.: -0.002 min
Response: 2267244
Conc: 1378.31 ng/ml



#40 AR-1262-5

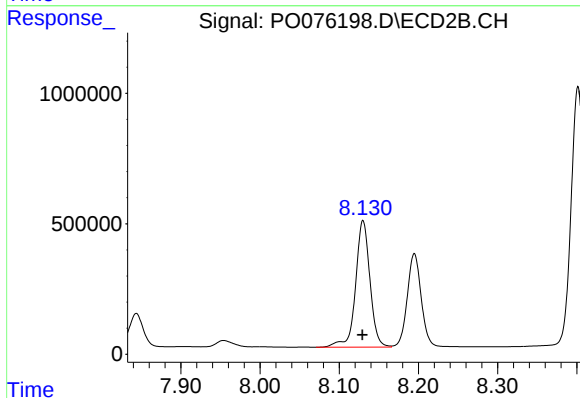
R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 2118022
Conc: 1223.52 ng/ml



#41 AR-1268-1

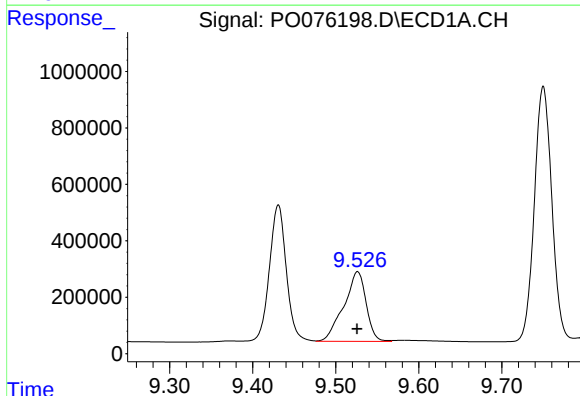
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 6782642
Conc: 1164.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



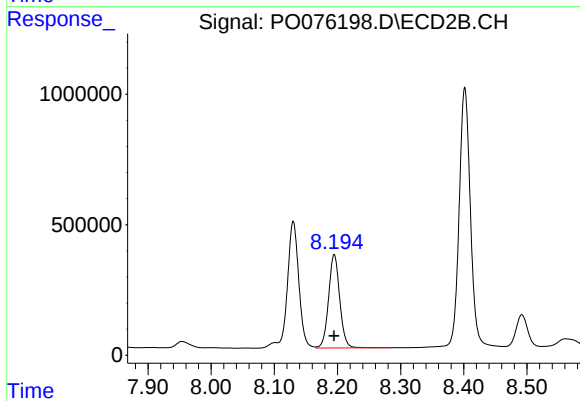
#41 AR-1268-1

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 6117550
Conc: 1041.64 ng/ml



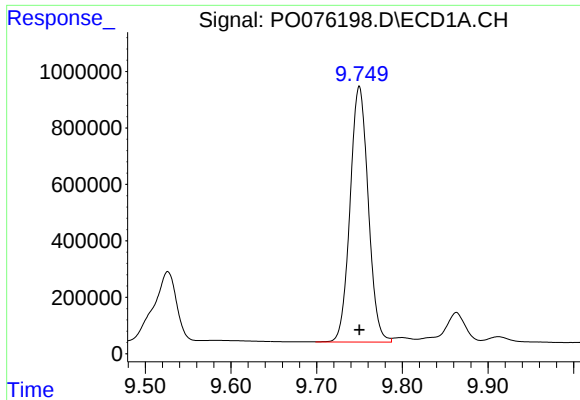
#42 AR-1268-2

R.T.: 9.526 min
Delta R.T.: 0.000 min
Response: 4618287
Conc: 870.57 ng/ml



#42 AR-1268-2

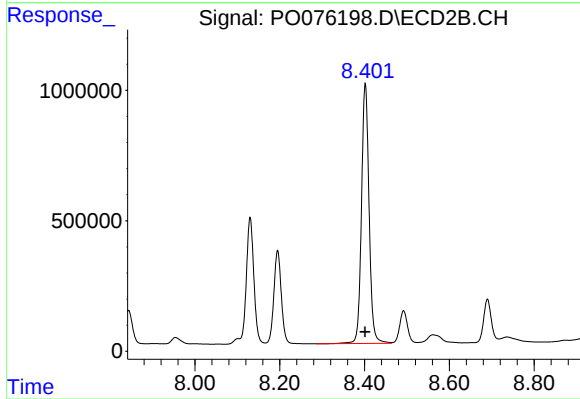
R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 4392111
Conc: 824.61 ng/ml



#43 AR-1268-3

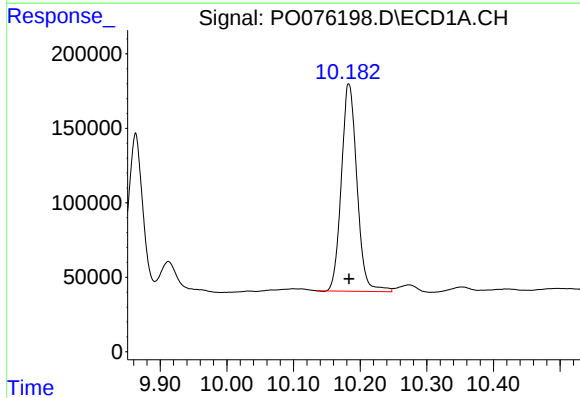
R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 13338849
Conc: 2877.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



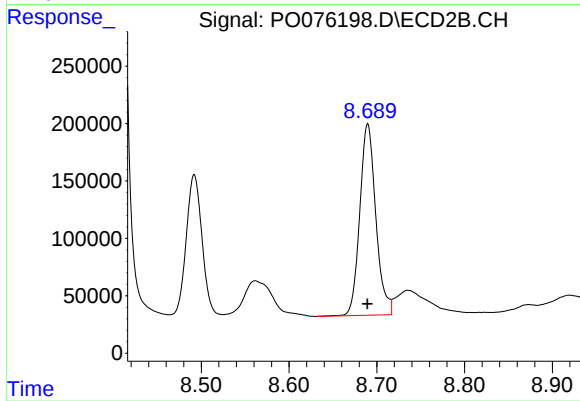
#43 AR-1268-3

R.T.: 8.402 min
Delta R.T.: 0.001 min
Response: 12380739
Conc: 2610.38 ng/ml



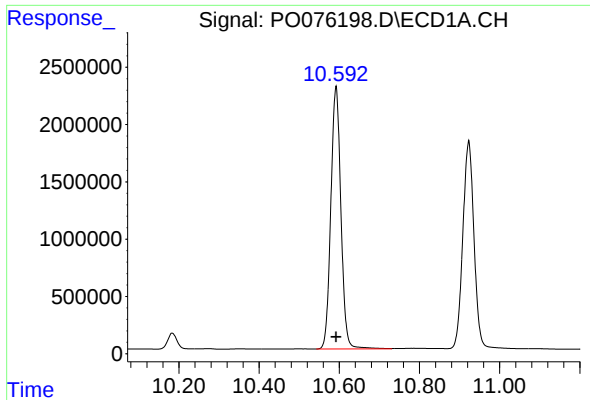
#44 AR-1268-4

R.T.: 10.183 min
Delta R.T.: 0.000 min
Response: 2267244
Conc: 1300.93 ng/ml



#44 AR-1268-4

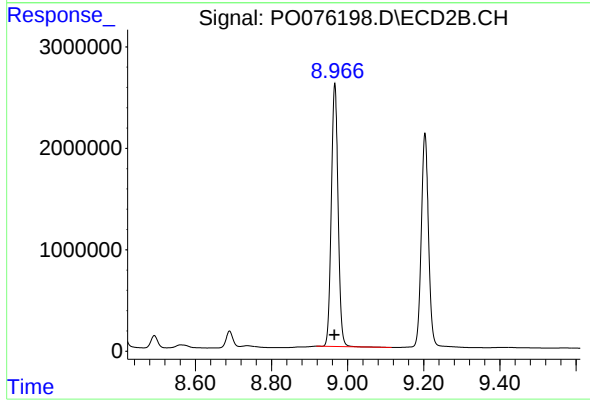
R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 2118022
Conc: 1139.73 ng/ml



#45 AR-1268-5

R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 39902307
Conc: 2898.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 32275877
Conc: 2418.46 ng/ml