

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040220\
 Data File : P0067618.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Apr 2020 14:16
 Operator : DD\AJ
 Sample : L2087-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 14:52:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 01 17:26:29 2020
 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...	4.936	3.944	548825	777554	23.046	23.199
2)	SA Decachlor...	10.922	9.232	494622	613913	14.529	14.848
Target Compounds							
3)	L1 AR-1016-1	6.272	5.214	46017	61804	44.623	42.161
4)	L1 AR-1016-2	6.272	5.214	46017	61804	32.615	31.549
5)	L1 AR-1016-3	6.334	5.463	20673	32181	23.519	30.769 #
6)	L1 AR-1016-4	0.000	5.463	0	32181	N.D.	36.074 #
7)	L1 AR-1016-5	6.719	5.694	9152	36577	12.729	32.322 #
9)	L2 AR-1221-2	0.000	4.275	0	36244	N.D.	114.928 #
10)	L2 AR-1221-3	0.000	4.441	0	101190	N.D.	103.072 #
11)	L3 AR-1232-1	0.000	4.441	0	101190	N.D.	146.214 #
12)	L3 AR-1232-2	0.000	5.214	0	61804	N.D.	85.204 #
13)	L3 AR-1232-3	6.272	5.463	46017	32181	87.790	83.486
14)	L3 AR-1232-4	0.000	5.463	0	32181	N.D.	90.966 #
15)	L3 AR-1232-5	6.551	5.694	21979	36577	117.338	95.716
16)	L4 AR-1242-1	6.272	5.214	46017	61804	67.026	62.991
17)	L4 AR-1242-2	6.272	5.214	46017	61804	48.976	47.432
18)	L4 AR-1242-3	6.334	5.463	20673	32181	35.276	45.003 #
19)	L4 AR-1242-4	0.000	5.463	0	32181	N.D.	44.707 #
20)	L4 AR-1242-5	7.199	6.071	269928	344952	505.275	368.641 #
21)	L5 AR-1248-1	6.272	5.214	46017	61804	85.771	79.113
22)	L5 AR-1248-2	6.551	5.463	21979	32181	31.238	31.981
23)	L5 AR-1248-3	6.719	5.463	9152	32181	11.246	31.463 #
24)	L5 AR-1248-4	7.199	5.694	269928	36577	286.106	29.349 #
25)	L5 AR-1248-5	7.199	6.144	269928	72620	299.522	58.684 #
26)	L6 AR-1254-1	7.169	6.071	89960	344952	91.693	177.838 #
27)	L6 AR-1254-2	7.398	6.231	196823	187202	127.226	107.458
28)	L6 AR-1254-3	7.778	6.650	318280	248350	194.676	89.647 #
29)	L6 AR-1254-4	8.069	6.887	94555	167371	73.775	91.585
30)	L6 AR-1254-5	8.496	7.319	312825	967898	227.390	379.888 #
31)	L7 AR-1260-1	7.941	6.788	184087	506705	136.217	241.699 #
32)	L7 AR-1260-2	8.203	6.985	662853	242718	392.645	94.526 #
33)	L7 AR-1260-3	8.568	7.138	158107	242673	121.296	100.917
34)	L7 AR-1260-4	8.797	7.622	234356	249300	152.496	118.618
35)	L7 AR-1260-5	9.122	7.869	321870	581224	102.031	114.809
36)	L8 AR-1262-1	8.568	7.319	158107	967898	94.310	698.479 #
37)	L8 AR-1262-2	9.122	7.869	321870	581224	112.170	127.124
38)	L8 AR-1262-3	9.427	8.157	210342	1315348	101.085	669.232 #
39)	L8 AR-1262-4	9.524	8.222	93696	838078	59.213	244.482 #
40)	L8 AR-1262-5	10.184	8.716	100898	137442	85.574	80.856
41)	L9 AR-1268-1	9.427	8.157	210342	1315348	56.924	244.459 #
42)	L9 AR-1268-2	9.524	8.222	93696	838078	27.033	169.737 #

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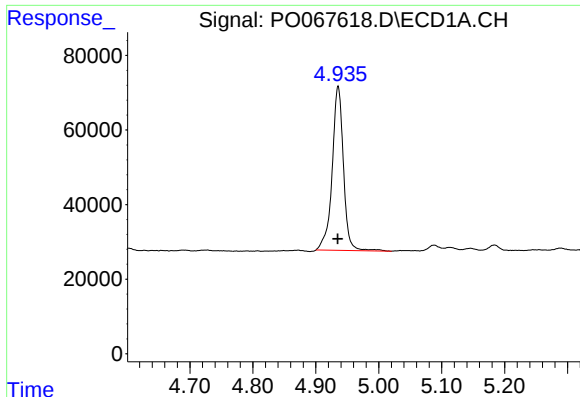
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 14:52:12 2020
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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
43) L9	AR-1268-3	9.748	8.429	50293	67364	17.320	16.072
44) L9	AR-1268-4	10.184	8.716	100898	137442	72.682	71.034
45) L9	AR-1268-5	10.590	8.992	150876	245987	15.218	19.075 #

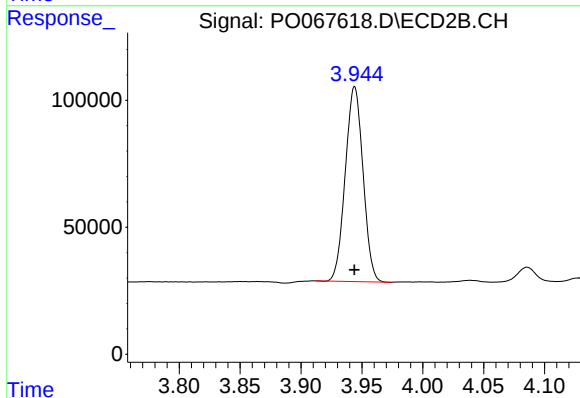
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

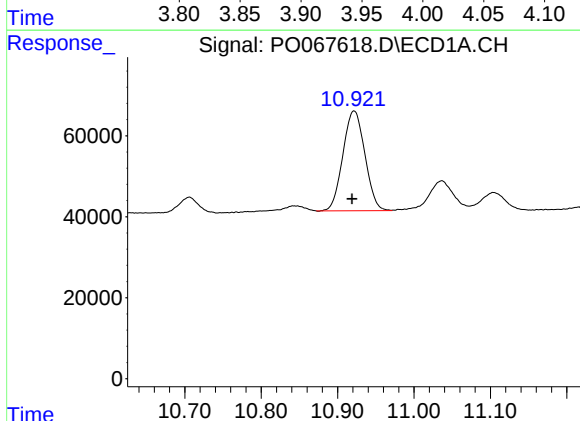
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 548825
Conc: 23.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



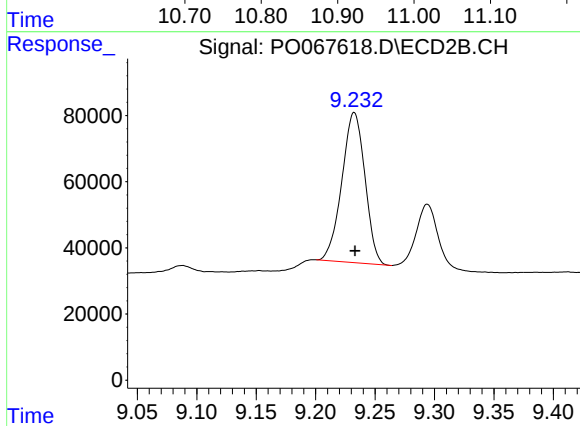
#1 Tetrachloro-m-xylene

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 777554
Conc: 23.20 ng/ml



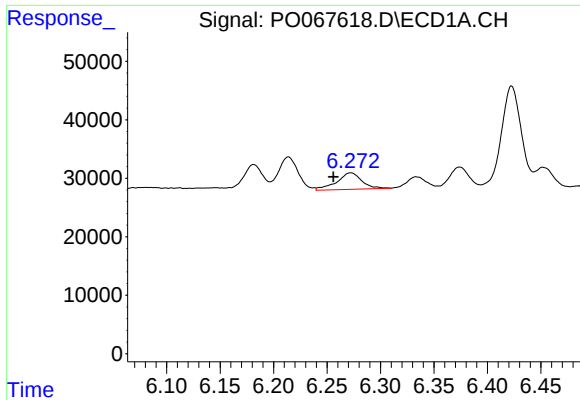
#2 Decachlorobiphenyl

R.T.: 10.922 min
Delta R.T.: 0.003 min
Response: 494622
Conc: 14.53 ng/ml



#2 Decachlorobiphenyl

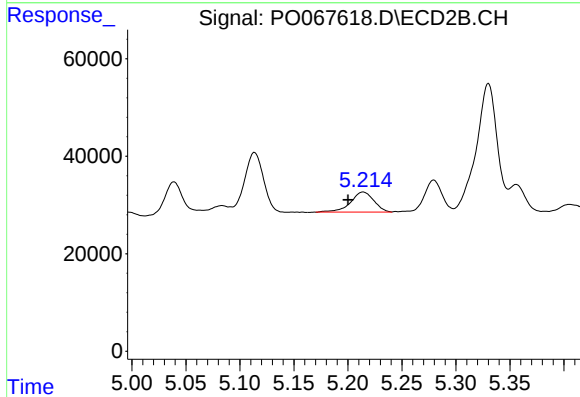
R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 613913
Conc: 14.85 ng/ml



#3 AR-1016-1

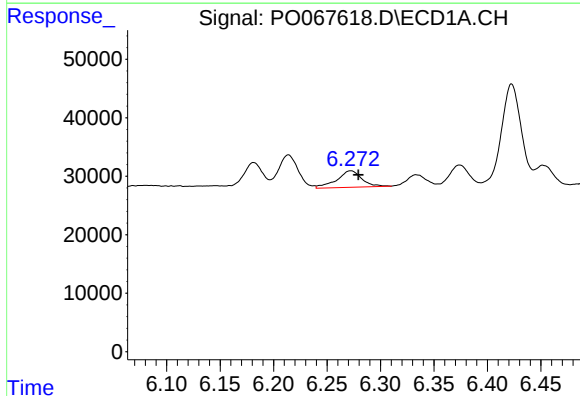
R.T.: 6.272 min
Delta R.T.: 0.016 min
Response: 46017
Conc: 44.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



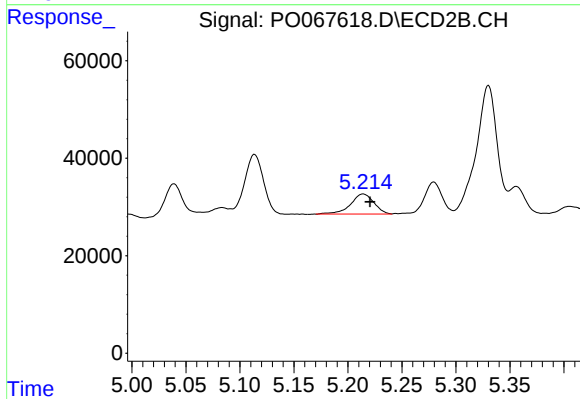
#3 AR-1016-1

R.T.: 5.214 min
Delta R.T.: 0.014 min
Response: 61804
Conc: 42.16 ng/ml



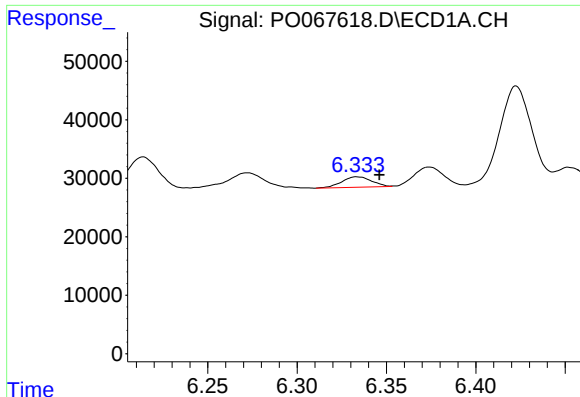
#4 AR-1016-2

R.T.: 6.272 min
Delta R.T.: -0.007 min
Response: 46017
Conc: 32.61 ng/ml



#4 AR-1016-2

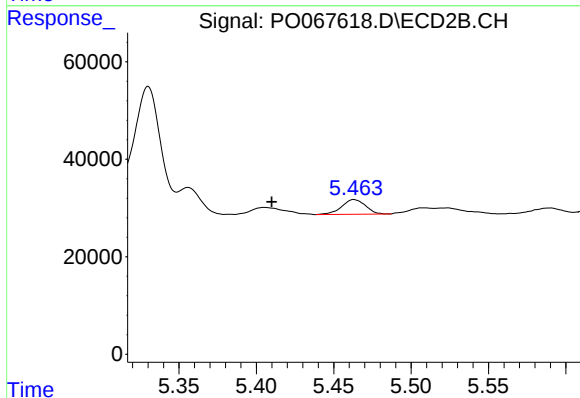
R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 61804
Conc: 31.55 ng/ml



#5 AR-1016-3

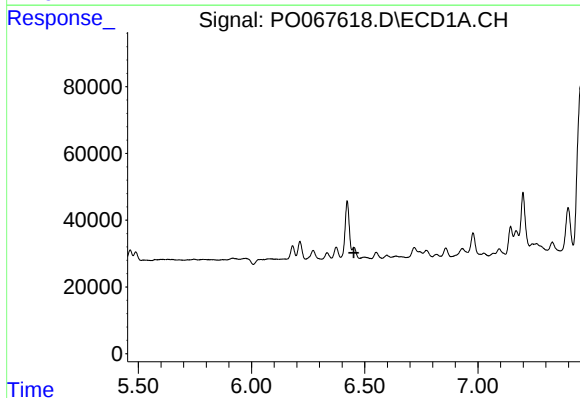
R.T.: 6.334 min
Delta R.T.: -0.013 min
Response: 20673
Conc: 23.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



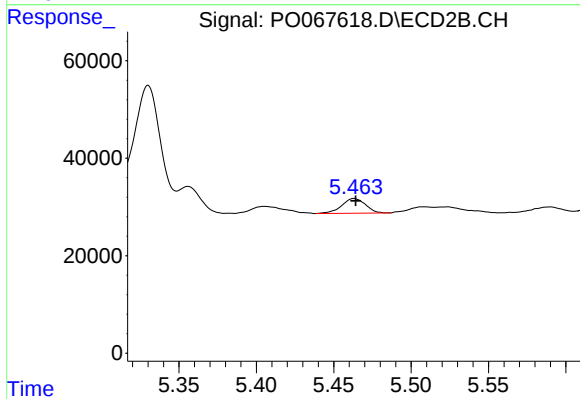
#5 AR-1016-3

R.T.: 5.463 min
Delta R.T.: 0.054 min
Response: 32181
Conc: 30.77 ng/ml



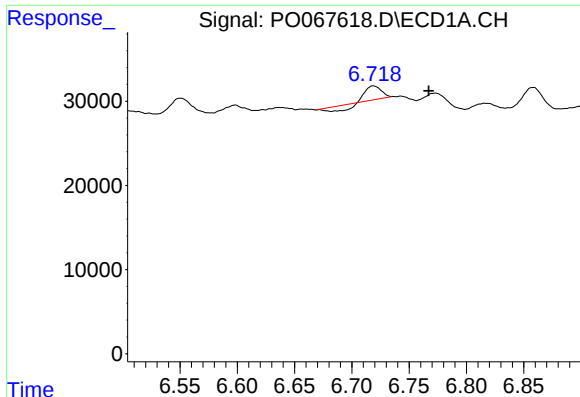
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.452 min
Response: 0
Conc: N.D.



#6 AR-1016-4

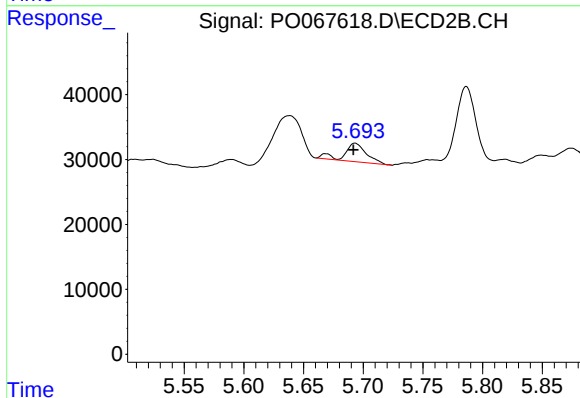
R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 32181
Conc: 36.07 ng/ml



#7 AR-1016-5

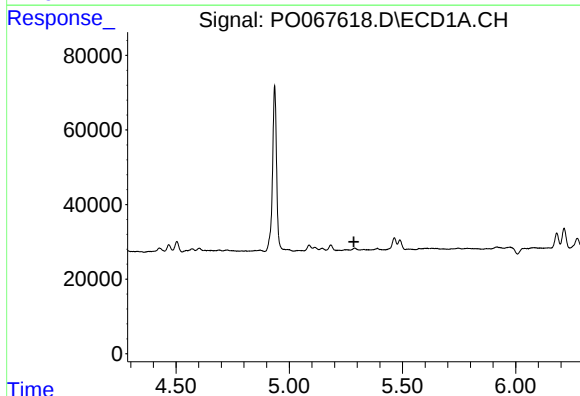
R.T.: 6.719 min
Delta R.T.: -0.048 min
Response: 9152
Conc: 12.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



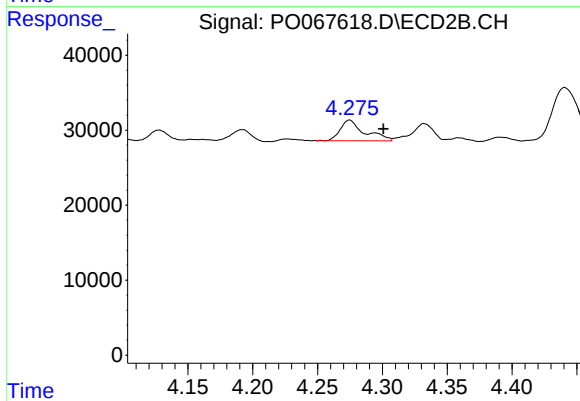
#7 AR-1016-5

R.T.: 5.694 min
Delta R.T.: 0.002 min
Response: 36577
Conc: 32.32 ng/ml



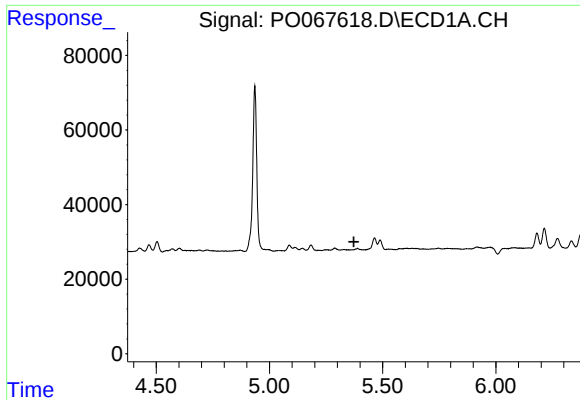
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.285 min
Response: 0
Conc: N.D.



#9 AR-1221-2

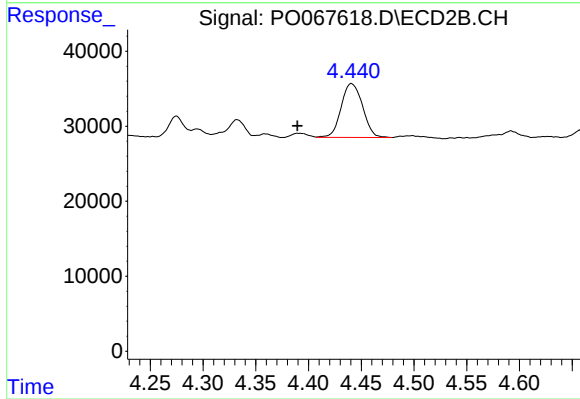
R.T.: 4.275 min
Delta R.T.: -0.026 min
Response: 36244
Conc: 114.93 ng/ml



#10 AR-1221-3

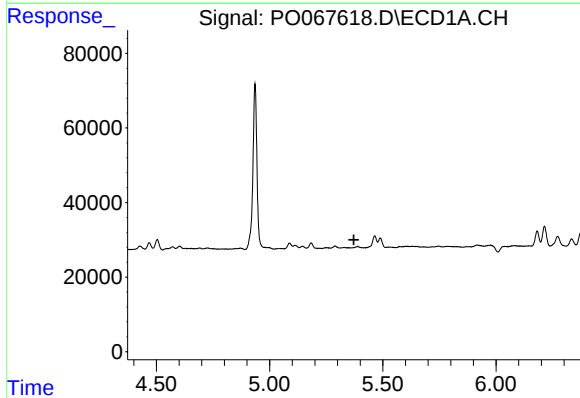
R.T.: 0.000 min
Exp R.T. : 5.373 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



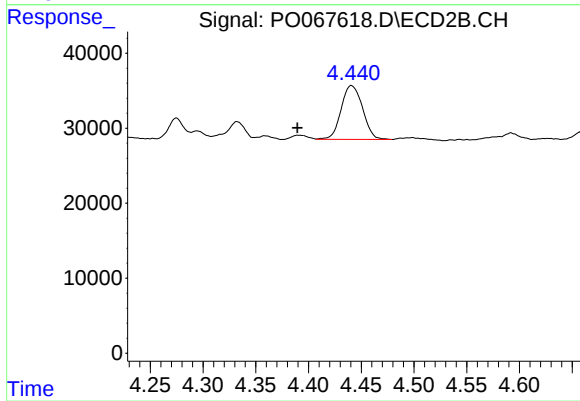
#10 AR-1221-3

R.T.: 4.441 min
Delta R.T.: 0.051 min
Response: 101190
Conc: 103.07 ng/ml



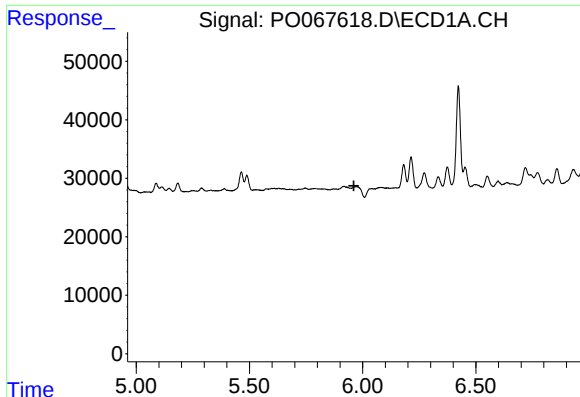
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.372 min
Response: 0
Conc: N.D.



#11 AR-1232-1

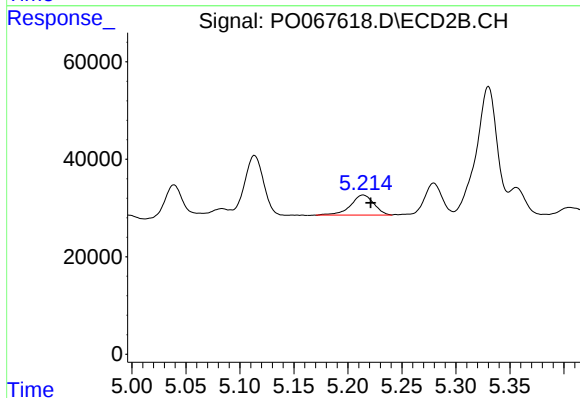
R.T.: 4.441 min
Delta R.T.: 0.051 min
Response: 101190
Conc: 146.21 ng/ml



#12 AR-1232-2

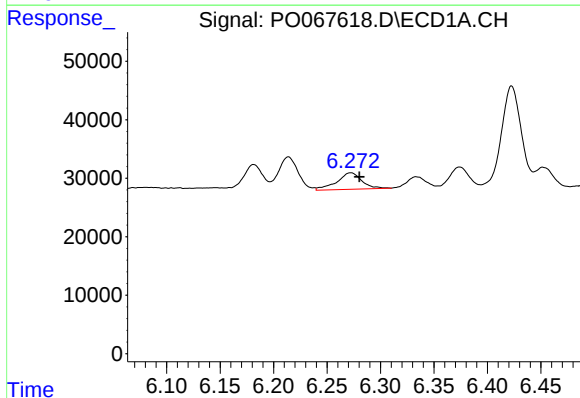
R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



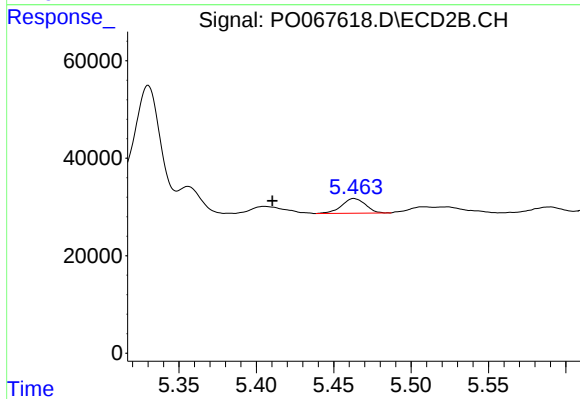
#12 AR-1232-2

R.T.: 5.214 min
Delta R.T.: -0.007 min
Response: 61804
Conc: 85.20 ng/ml



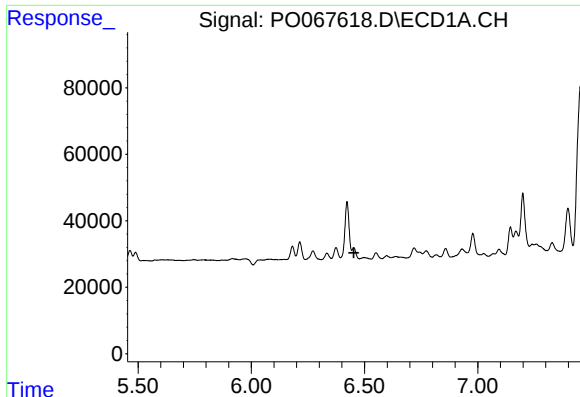
#13 AR-1232-3

R.T.: 6.272 min
Delta R.T.: -0.008 min
Response: 46017
Conc: 87.79 ng/ml



#13 AR-1232-3

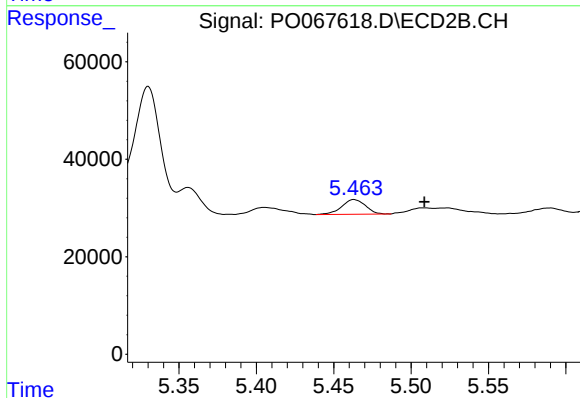
R.T.: 5.463 min
Delta R.T.: 0.053 min
Response: 32181
Conc: 83.49 ng/ml



#14 AR-1232-4

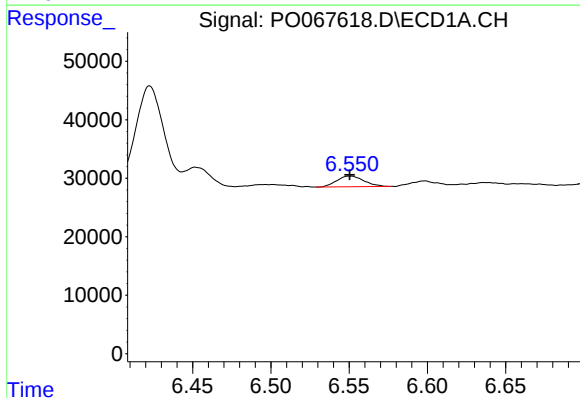
R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



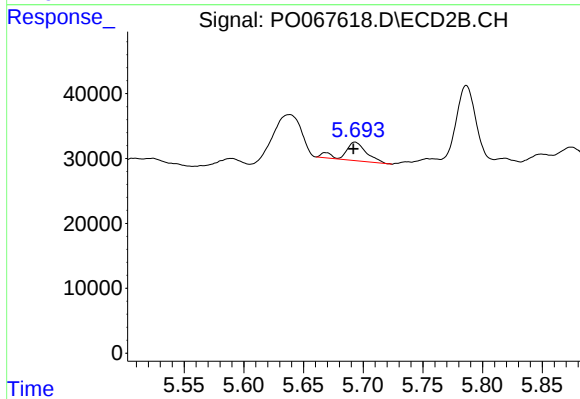
#14 AR-1232-4

R.T.: 5.463 min
Delta R.T.: -0.045 min
Response: 32181
Conc: 90.97 ng/ml



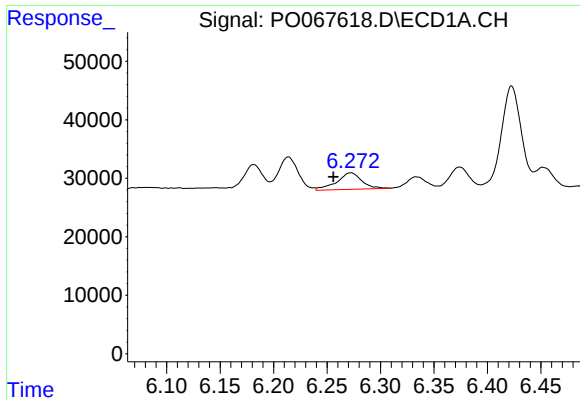
#15 AR-1232-5

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 21979
Conc: 117.34 ng/ml



#15 AR-1232-5

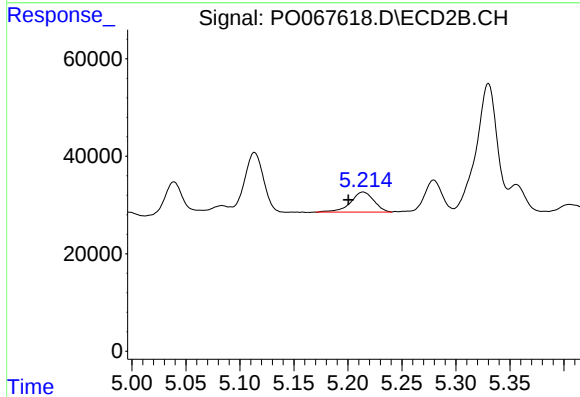
R.T.: 5.694 min
Delta R.T.: 0.002 min
Response: 36577
Conc: 95.72 ng/ml



#16 AR-1242-1

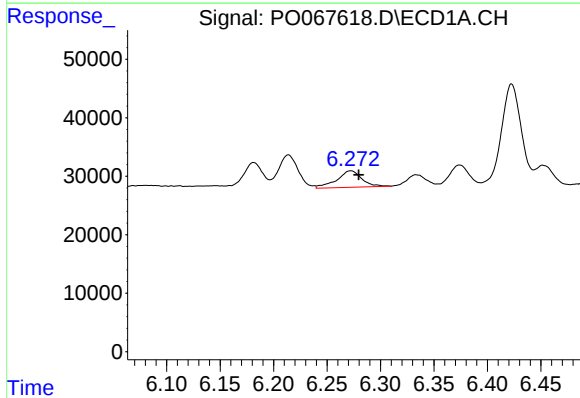
R.T.: 6.272 min
Delta R.T.: 0.016 min
Response: 46017
Conc: 67.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



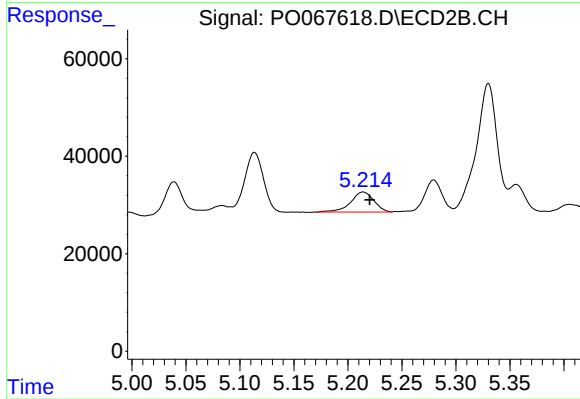
#16 AR-1242-1

R.T.: 5.214 min
Delta R.T.: 0.014 min
Response: 61804
Conc: 62.99 ng/ml



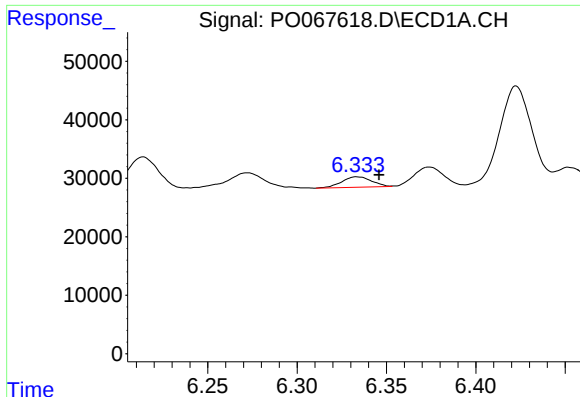
#17 AR-1242-2

R.T.: 6.272 min
Delta R.T.: -0.008 min
Response: 46017
Conc: 48.98 ng/ml



#17 AR-1242-2

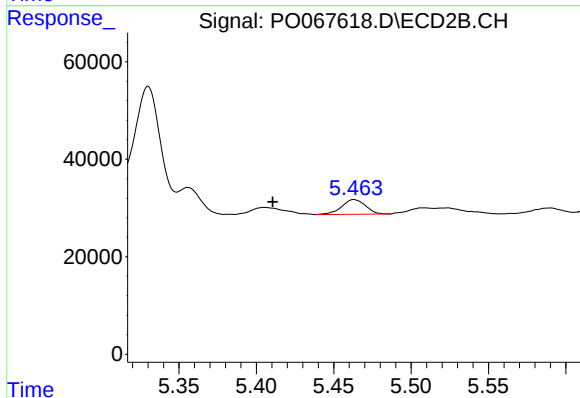
R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 61804
Conc: 47.43 ng/ml



#18 AR-1242-3

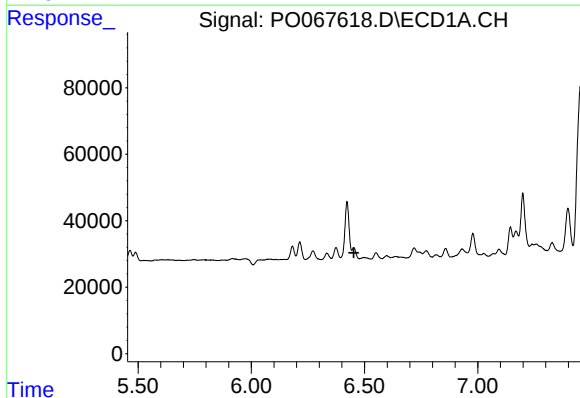
R.T.: 6.334 min
Delta R.T.: -0.012 min
Response: 20673
Conc: 35.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



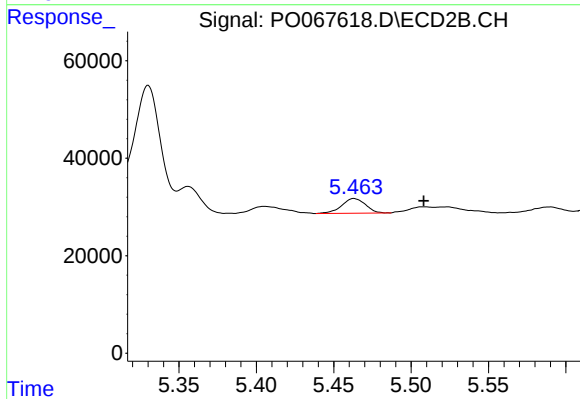
#18 AR-1242-3

R.T.: 5.463 min
Delta R.T.: 0.053 min
Response: 32181
Conc: 45.00 ng/ml



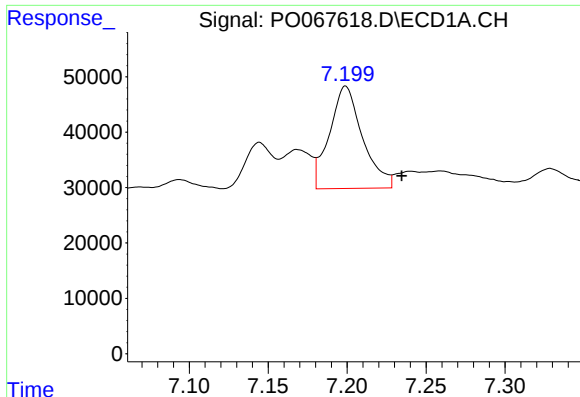
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.453 min
Response: 0
Conc: N.D.



#19 AR-1242-4

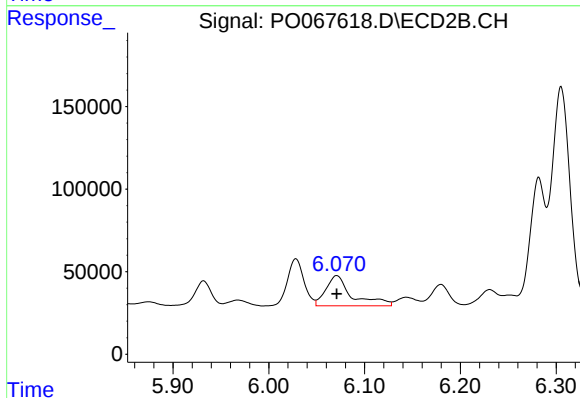
R.T.: 5.463 min
Delta R.T.: -0.045 min
Response: 32181
Conc: 44.71 ng/ml



#20 AR-1242-5

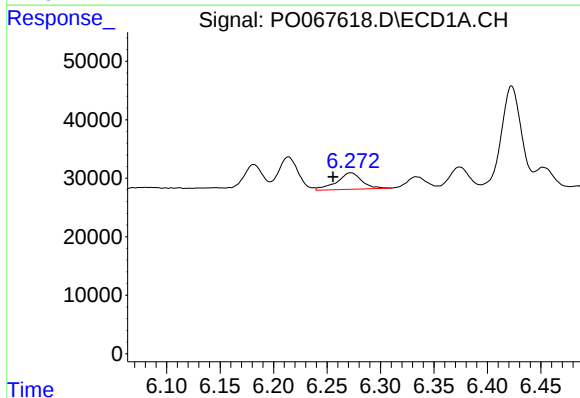
R.T.: 7.199 min
Delta R.T.: -0.036 min
Response: 269928
Conc: 505.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



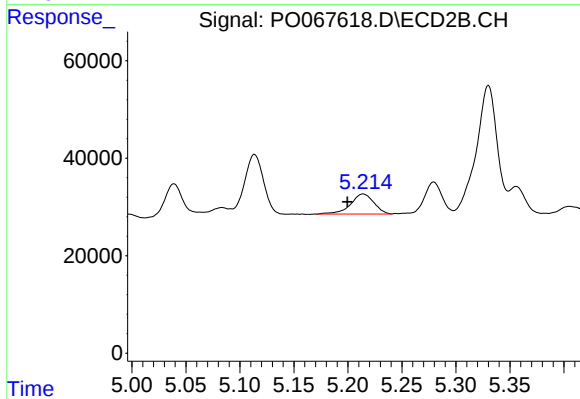
#20 AR-1242-5

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 344952
Conc: 368.64 ng/ml



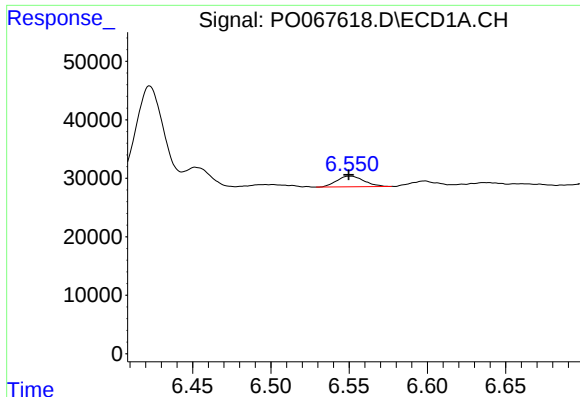
#21 AR-1248-1

R.T.: 6.272 min
Delta R.T.: 0.017 min
Response: 46017
Conc: 85.77 ng/ml



#21 AR-1248-1

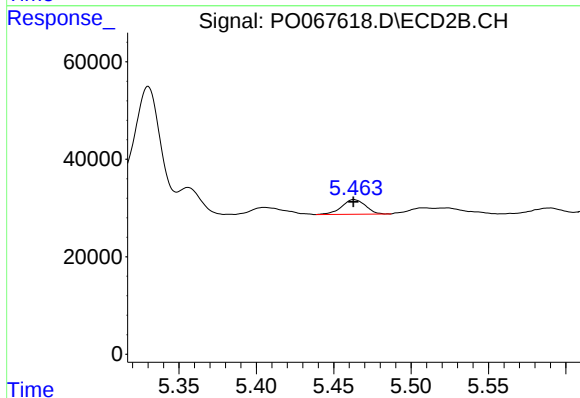
R.T.: 5.214 min
Delta R.T.: 0.015 min
Response: 61804
Conc: 79.11 ng/ml



#22 AR-1248-2

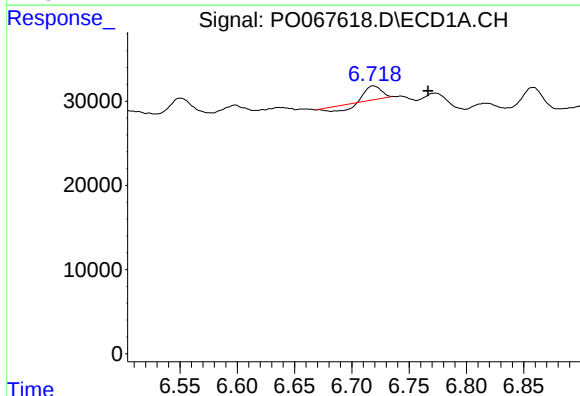
R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 21979
Conc: 31.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



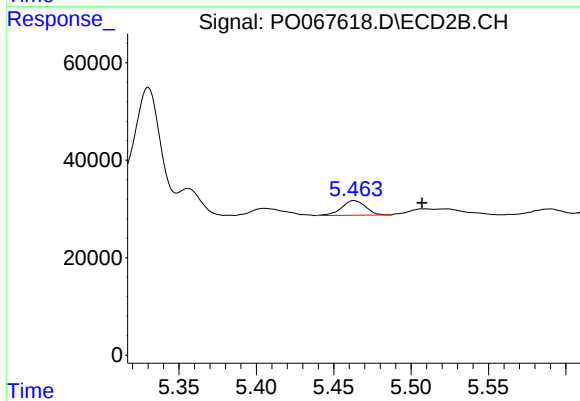
#22 AR-1248-2

R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 32181
Conc: 31.98 ng/ml



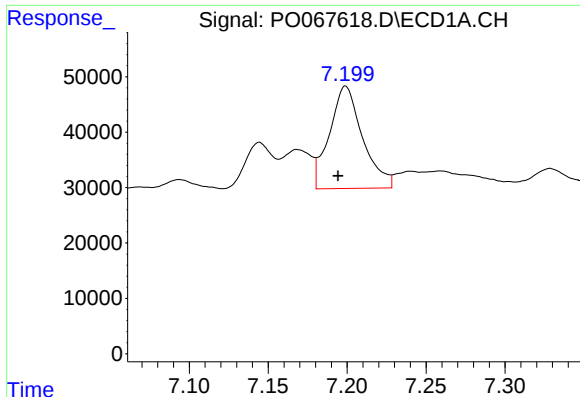
#23 AR-1248-3

R.T.: 6.719 min
Delta R.T.: -0.048 min
Response: 9152
Conc: 11.25 ng/ml



#23 AR-1248-3

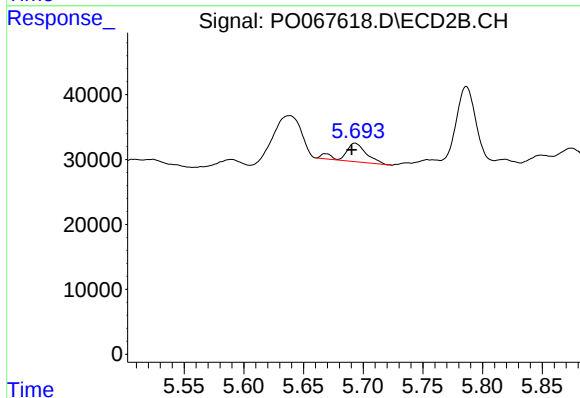
R.T.: 5.463 min
Delta R.T.: -0.044 min
Response: 32181
Conc: 31.46 ng/ml



#24 AR-1248-4

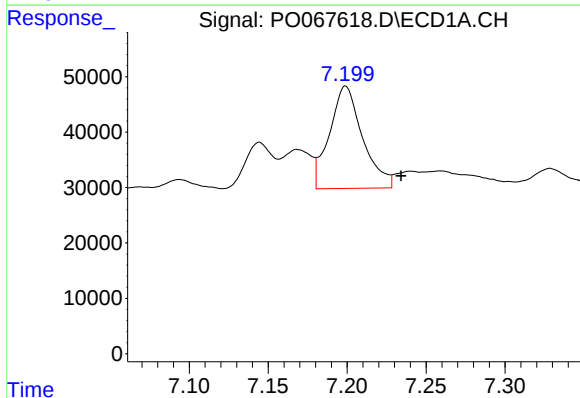
R.T.: 7.199 min
Delta R.T.: 0.005 min
Response: 269928
Conc: 286.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



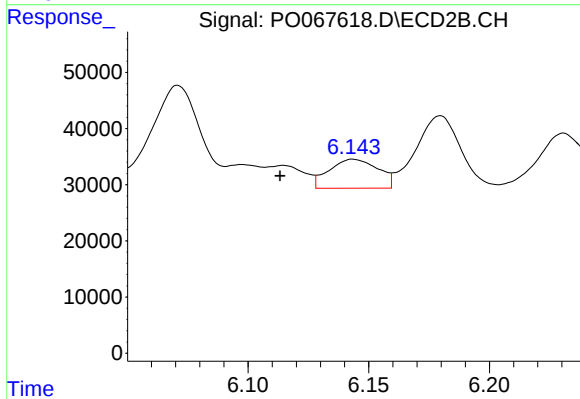
#24 AR-1248-4

R.T.: 5.694 min
Delta R.T.: 0.003 min
Response: 36577
Conc: 29.35 ng/ml



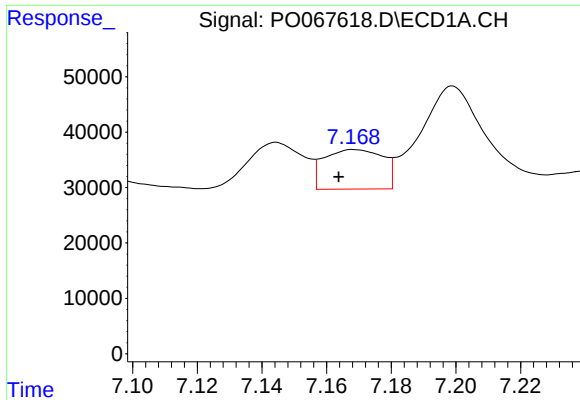
#25 AR-1248-5

R.T.: 7.199 min
Delta R.T.: -0.035 min
Response: 269928
Conc: 299.52 ng/ml



#25 AR-1248-5

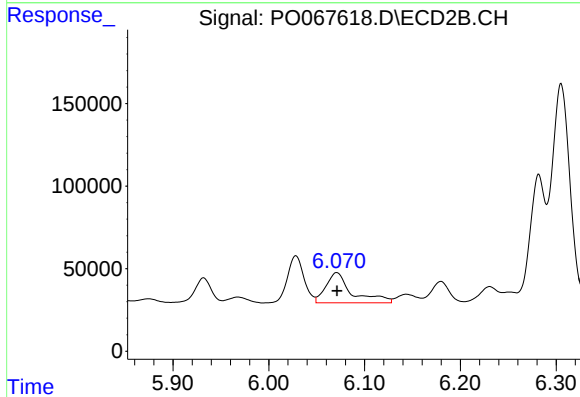
R.T.: 6.144 min
Delta R.T.: 0.031 min
Response: 72620
Conc: 58.68 ng/ml



#26 AR-1254-1

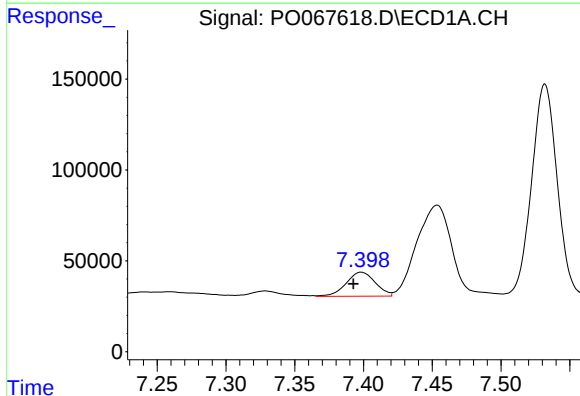
R.T.: 7.169 min
Delta R.T.: 0.005 min
Response: 89960
Conc: 91.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



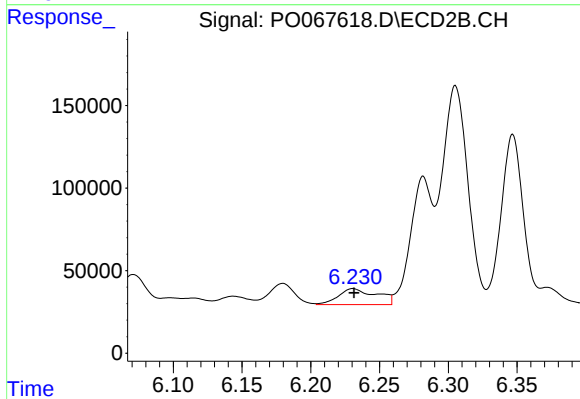
#26 AR-1254-1

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 344952
Conc: 177.84 ng/ml



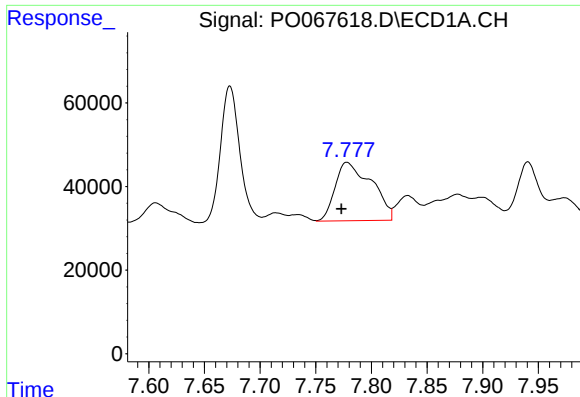
#27 AR-1254-2

R.T.: 7.398 min
Delta R.T.: 0.006 min
Response: 196823
Conc: 127.23 ng/ml



#27 AR-1254-2

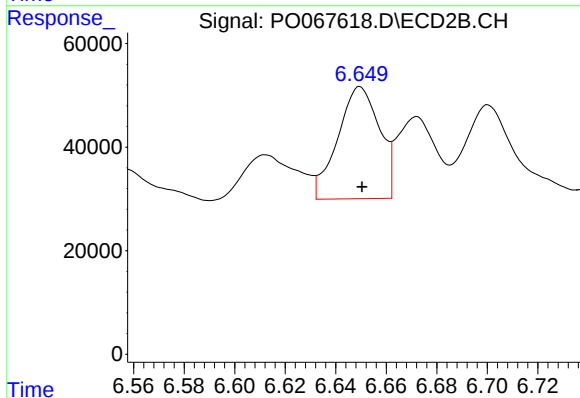
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 187202
Conc: 107.46 ng/ml



#28 AR-1254-3

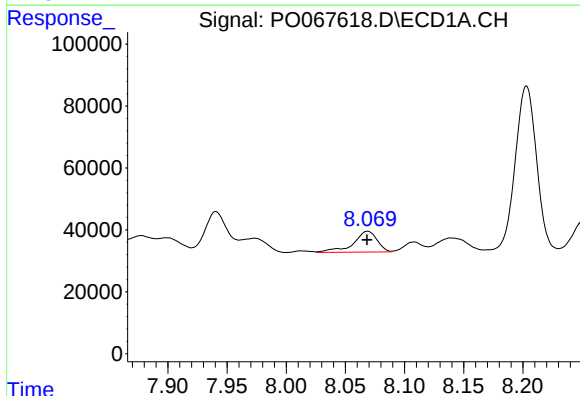
R.T.: 7.778 min
Delta R.T.: 0.005 min
Response: 318280
Conc: 194.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



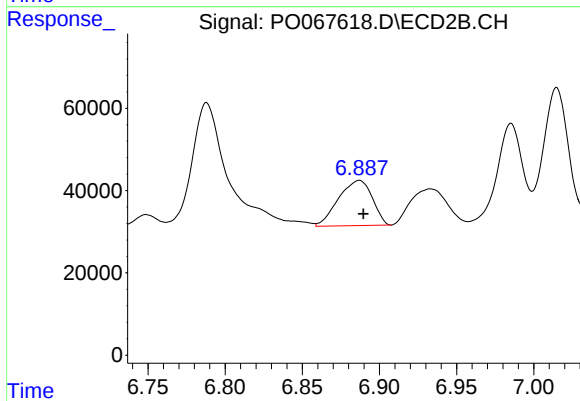
#28 AR-1254-3

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 248350
Conc: 89.65 ng/ml



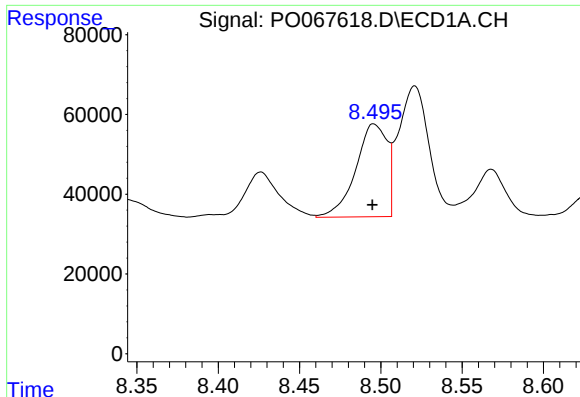
#29 AR-1254-4

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 94555
Conc: 73.78 ng/ml



#29 AR-1254-4

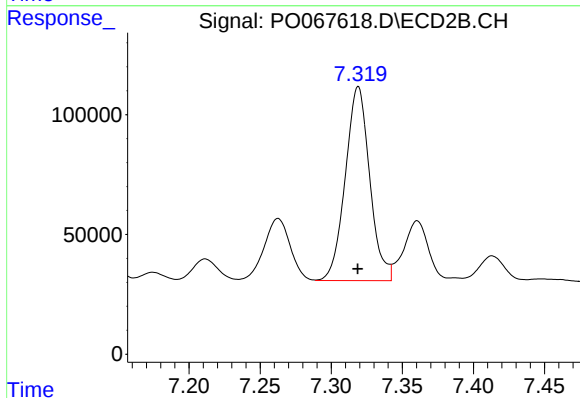
R.T.: 6.887 min
Delta R.T.: -0.003 min
Response: 167371
Conc: 91.59 ng/ml



#30 AR-1254-5

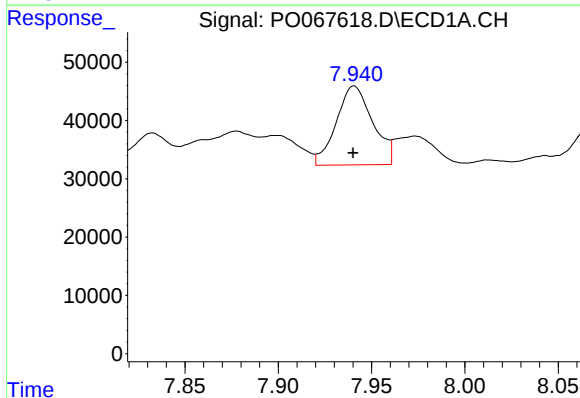
R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 312825
Conc: 227.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



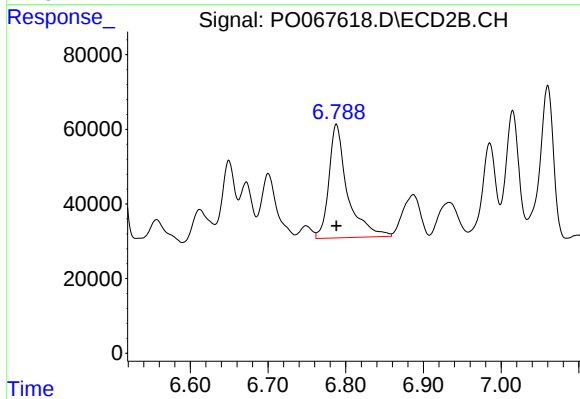
#30 AR-1254-5

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 967898
Conc: 379.89 ng/ml



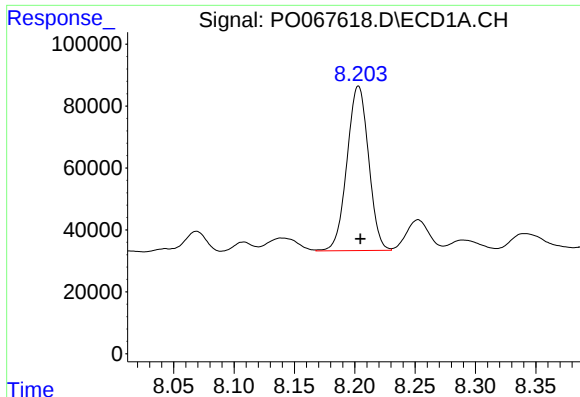
#31 AR-1260-1

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 184087
Conc: 136.22 ng/ml



#31 AR-1260-1

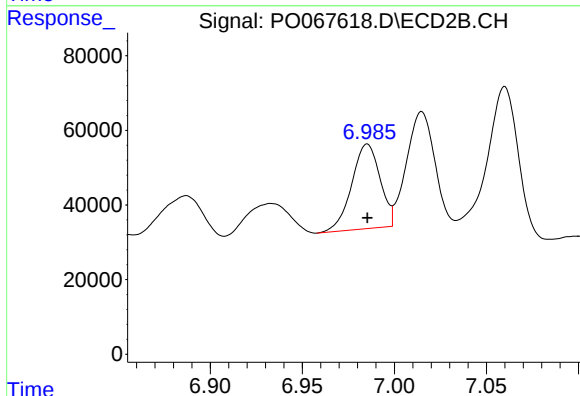
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 506705
Conc: 241.70 ng/ml



#32 AR-1260-2

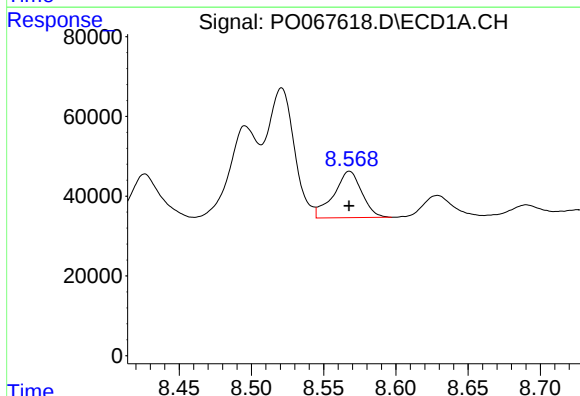
R.T.: 8.203 min
Delta R.T.: -0.001 min
Response: 662853
Conc: 392.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



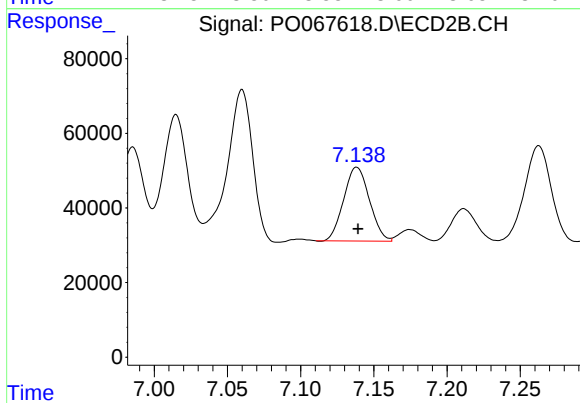
#32 AR-1260-2

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 242718
Conc: 94.53 ng/ml



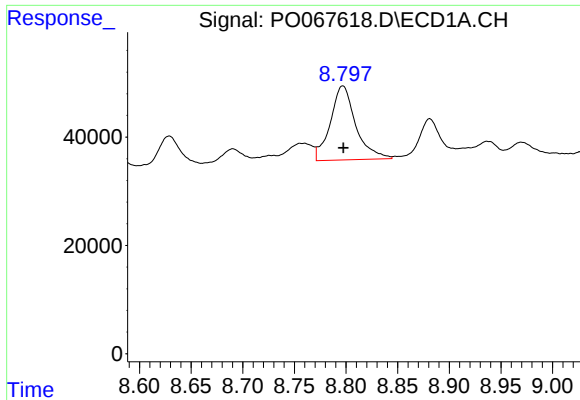
#33 AR-1260-3

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 158107
Conc: 121.30 ng/ml



#33 AR-1260-3

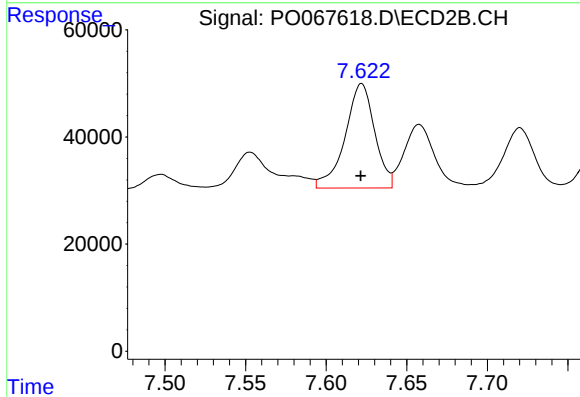
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 242673
Conc: 100.92 ng/ml



#34 AR-1260-4

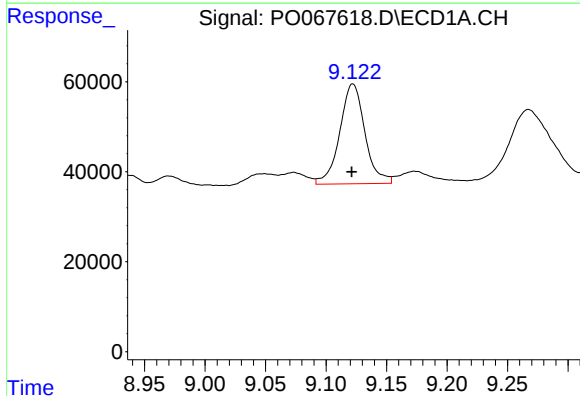
R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 234356
Conc: 152.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



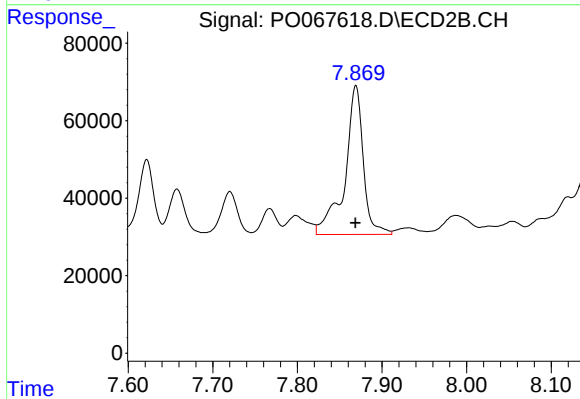
#34 AR-1260-4

R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 249300
Conc: 118.62 ng/ml



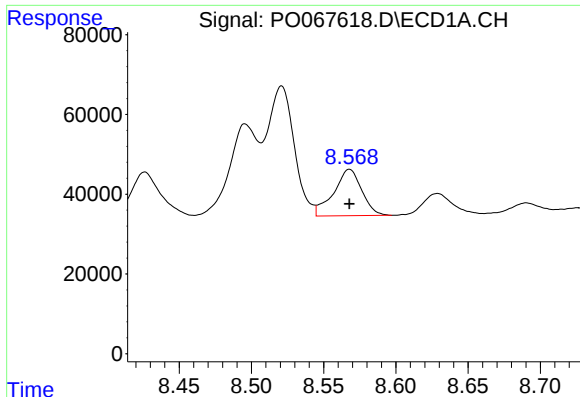
#35 AR-1260-5

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 321870
Conc: 102.03 ng/ml



#35 AR-1260-5

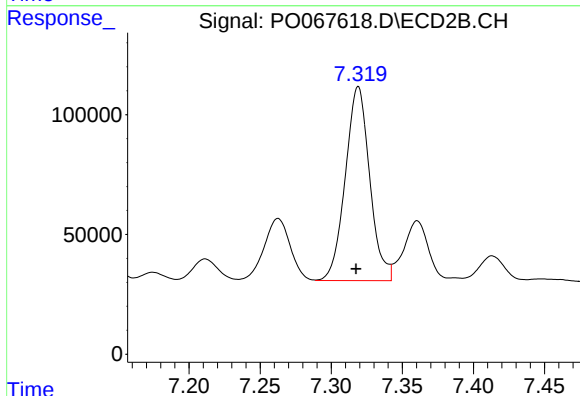
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 581224
Conc: 114.81 ng/ml



#36 AR-1262-1

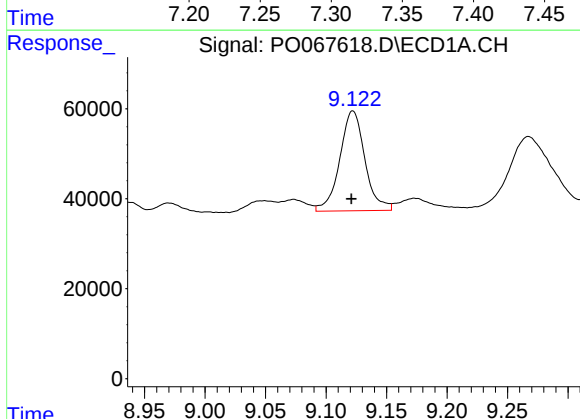
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 158107
Conc: 94.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



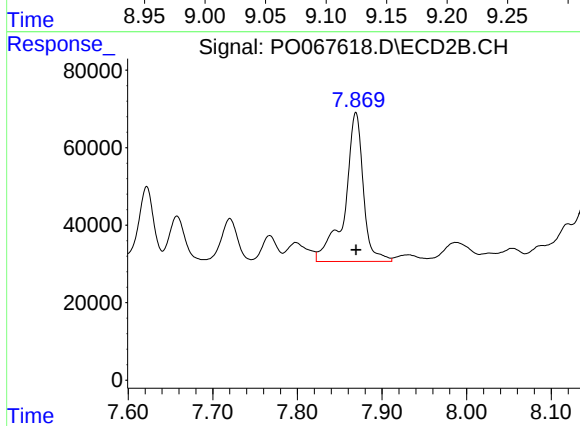
#36 AR-1262-1

R.T.: 7.319 min
Delta R.T.: 0.002 min
Response: 967898
Conc: 698.48 ng/ml



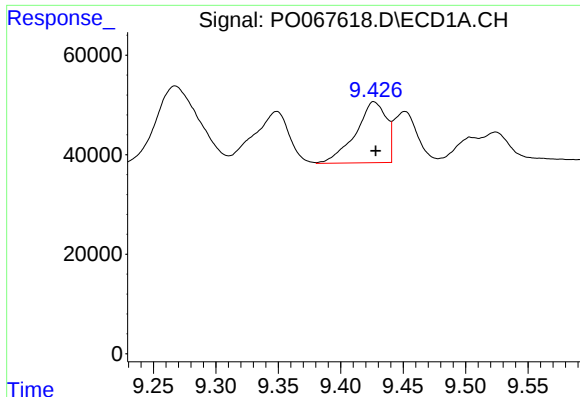
#37 AR-1262-2

R.T.: 9.122 min
Delta R.T.: 0.001 min
Response: 321870
Conc: 112.17 ng/ml



#37 AR-1262-2

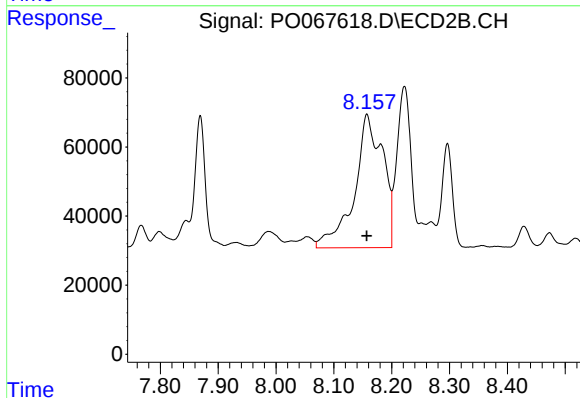
R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 581224
Conc: 127.12 ng/ml



#38 AR-1262-3

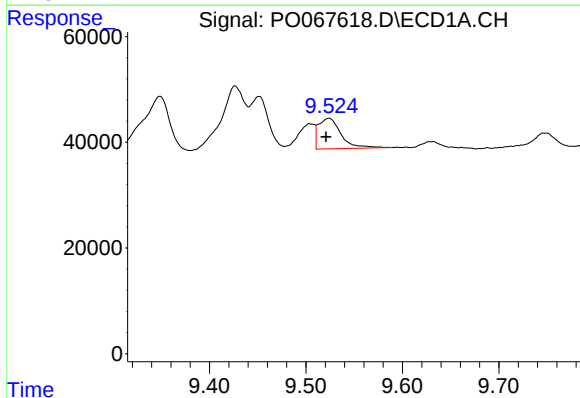
R.T.: 9.427 min
Delta R.T.: -0.001 min
Response: 210342
Conc: 101.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



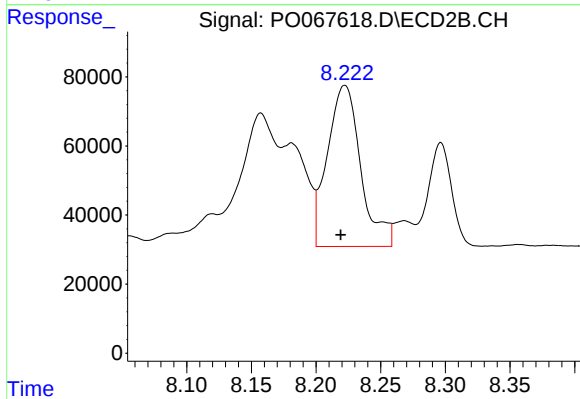
#38 AR-1262-3

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 1315348
Conc: 669.23 ng/ml



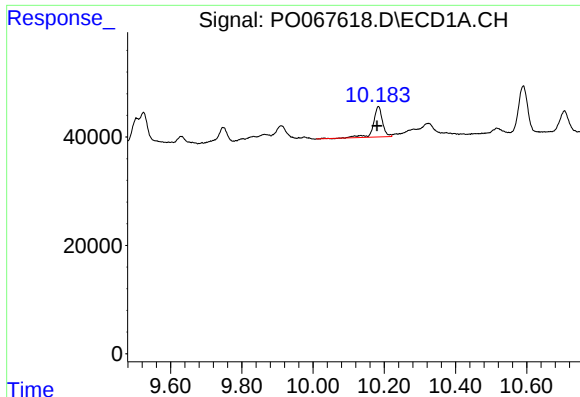
#39 AR-1262-4

R.T.: 9.524 min
Delta R.T.: 0.003 min
Response: 93696
Conc: 59.21 ng/ml



#39 AR-1262-4

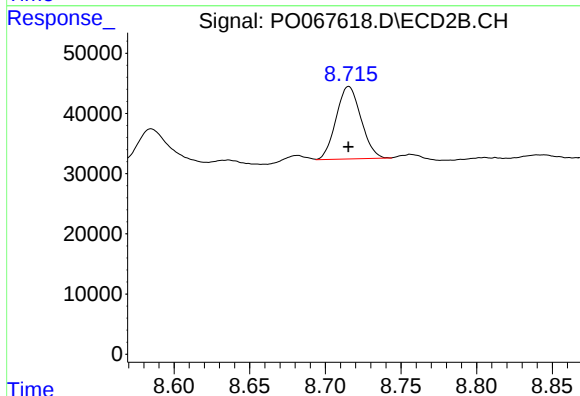
R.T.: 8.222 min
Delta R.T.: 0.003 min
Response: 838078
Conc: 244.48 ng/ml



#40 AR-1262-5

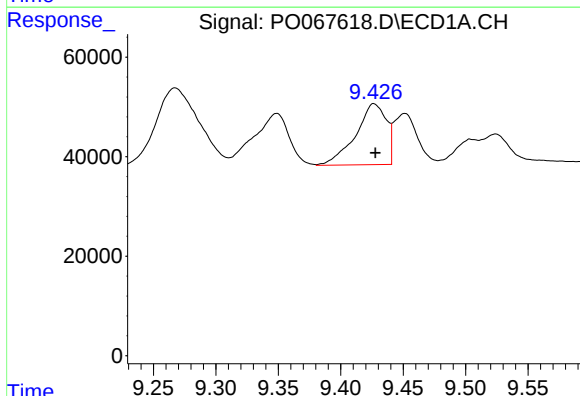
R.T.: 10.184 min
Delta R.T.: 0.004 min
Response: 100898
Conc: 85.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



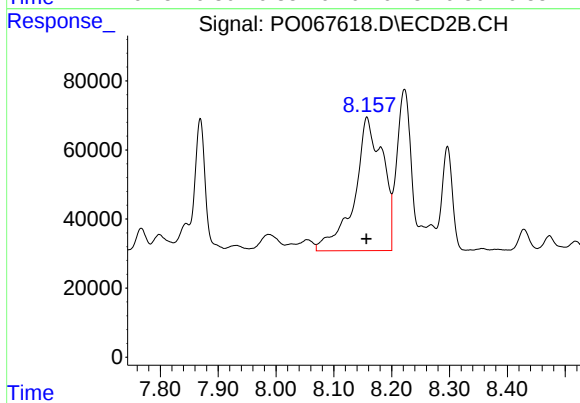
#40 AR-1262-5

R.T.: 8.716 min
Delta R.T.: 0.000 min
Response: 137442
Conc: 80.86 ng/ml



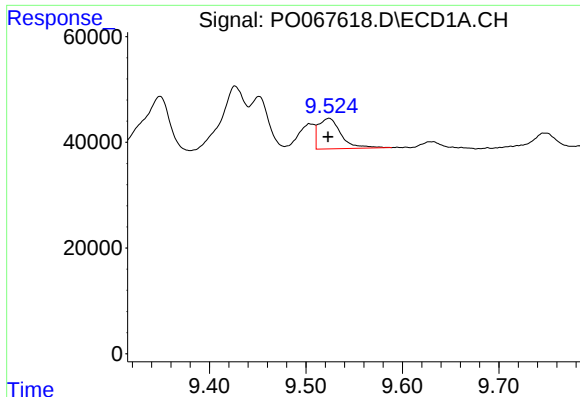
#41 AR-1268-1

R.T.: 9.427 min
Delta R.T.: -0.001 min
Response: 210342
Conc: 56.92 ng/ml



#41 AR-1268-1

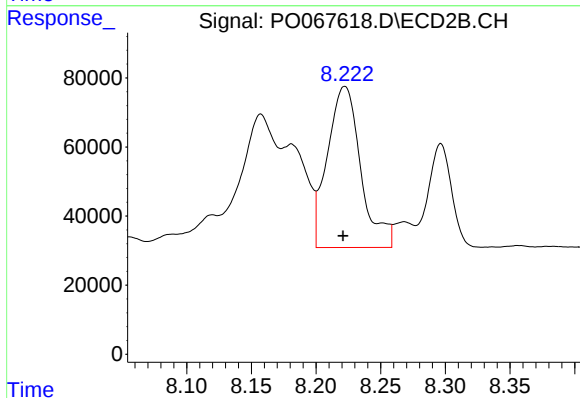
R.T.: 8.157 min
Delta R.T.: 0.001 min
Response: 1315348
Conc: 244.46 ng/ml



#42 AR-1268-2

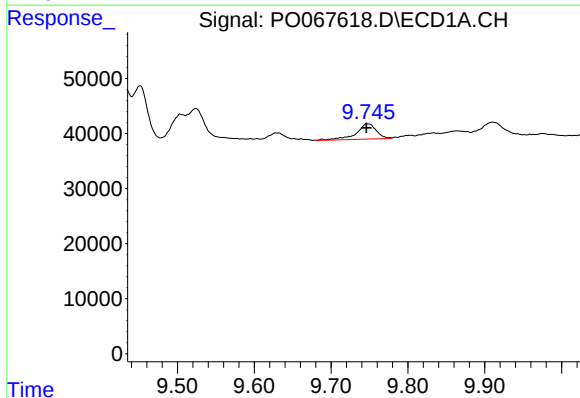
R.T.: 9.524 min
Delta R.T.: 0.000 min
Response: 93696
Conc: 27.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



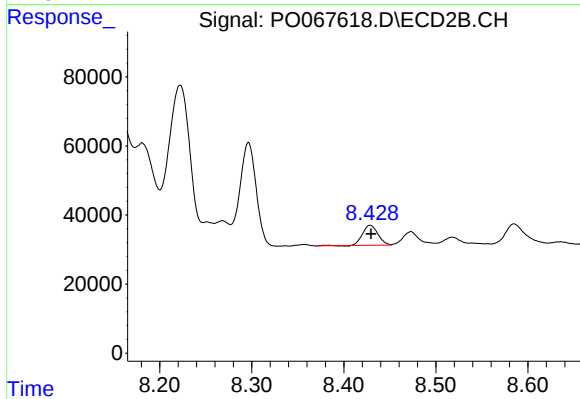
#42 AR-1268-2

R.T.: 8.222 min
Delta R.T.: 0.001 min
Response: 838078
Conc: 169.74 ng/ml



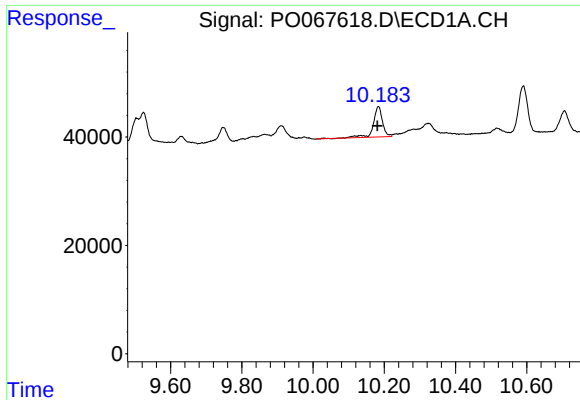
#43 AR-1268-3

R.T.: 9.748 min
Delta R.T.: 0.001 min
Response: 50293
Conc: 17.32 ng/ml



#43 AR-1268-3

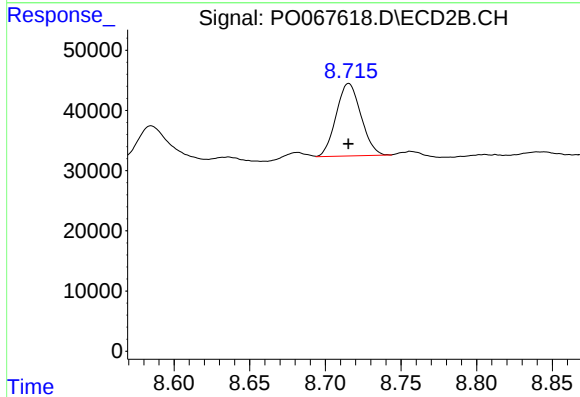
R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 67364
Conc: 16.07 ng/ml



#44 AR-1268-4

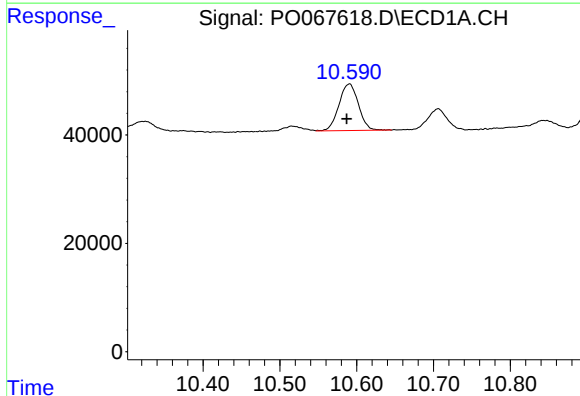
R.T.: 10.184 min
Delta R.T.: 0.003 min
Response: 100898
Conc: 72.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



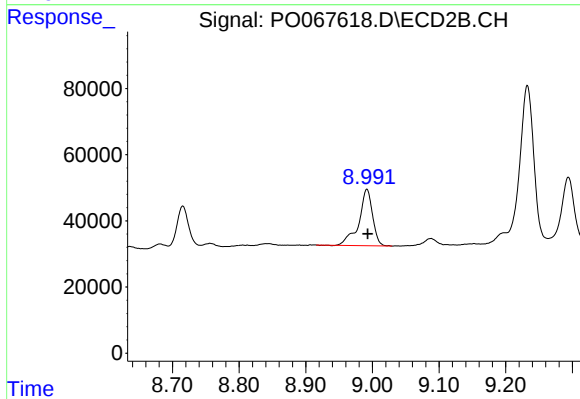
#44 AR-1268-4

R.T.: 8.716 min
Delta R.T.: 0.000 min
Response: 137442
Conc: 71.03 ng/ml



#45 AR-1268-5

R.T.: 10.590 min
Delta R.T.: 0.003 min
Response: 150876
Conc: 15.22 ng/ml



#45 AR-1268-5

R.T.: 8.992 min
Delta R.T.: -0.001 min
Response: 245987
Conc: 19.07 ng/ml