

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042621\
 Data File : P0077305.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Apr 2021 16:22
 Operator : DD\AJ
 Sample : M2170-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DS-1

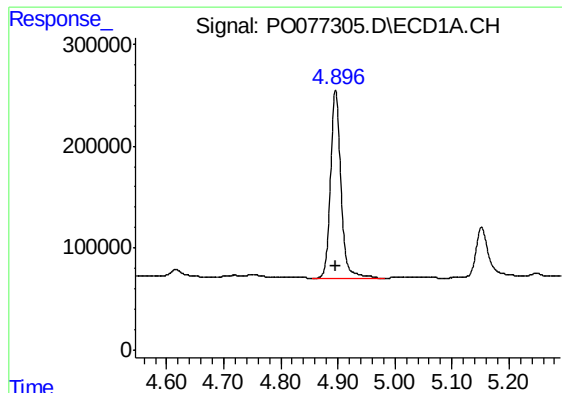
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 01:59:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 09:50:22 2021
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.896	3.891	2380527	1114275	22.525	21.179
2)	SA Decachlor...	10.864	9.127	2145580	678314	20.666	17.976
Target Compounds							
3)	L1 AR-1016-1	6.219	5.152	91750	406238	24.590	266.673 #
4)	L1 AR-1016-2	6.243	5.152	203092	406238	34.801	133.349 #
5)	L1 AR-1016-3	0.000	5.340	0	41516	N.D.	30.565 #
7)	L1 AR-1016-5	6.729	5.620	244450	53193	90.194	35.956 #
8)	L2 AR-1221-1	5.152	0.000	765739	0	675.138	N.D. #
12)	L3 AR-1232-2	0.000	5.152	0	406238	N.D.	334.814 #
13)	L3 AR-1232-3	6.243	5.340	203092	41516	89.058	72.717
14)	L3 AR-1232-4	0.000	5.437	0	33690	N.D.	59.076 #
15)	L3 AR-1232-5	6.513	5.620	65745	53193	89.730	89.310
16)	L4 AR-1242-1	6.219	5.152	91750	406238	33.775	370.832 #
17)	L4 AR-1242-2	6.243	5.152	203092	406238	46.039	178.801 #
18)	L4 AR-1242-3	0.000	5.340	0	41516	N.D.	40.636 #
19)	L4 AR-1242-4	0.000	5.437	0	33690	N.D.	29.654 #
20)	L4 AR-1242-5	7.198	5.998	362149	366060	156.622	260.889 #
21)	L5 AR-1248-1	6.219	5.152	91750	406238	43.883	461.046 #
22)	L5 AR-1248-2	6.513	0.000	65745	0	21.670	N.D. #
23)	L5 AR-1248-3	6.729	5.437	244450	33690	69.743	20.968 #
24)	L5 AR-1248-4	7.135f	5.620	894317	53193	221.288	28.346 #
25)	L5 AR-1248-5	7.198	6.040	362149	68938	88.646	32.381 #
26)	L6 AR-1254-1	7.135	5.998	894317	366060	217.480	126.814 #
27)	L6 AR-1254-2	7.364	6.152	616399	79568	95.237	30.819 #
28)	L6 AR-1254-3	7.744	6.570	479236	84321	70.821	21.552 #
29)	L6 AR-1254-4	8.033	6.811	115818	32300	23.551	14.216 #
30)	L6 AR-1254-5	8.485f	7.233	5208473	3033596	935.608	836.675
31)	L7 AR-1260-1	7.902	6.705	417290	66637	77.124	22.321 #
32)	L7 AR-1260-2	8.167	6.904	494104	68814	78.251	19.302 #
33)	L7 AR-1260-3	0.000	7.051	0	138681	N.D.	42.174 #
34)	L7 AR-1260-4	8.763	0.000	109995	0	22.738	N.D. #
35)	L7 AR-1260-5	9.087	7.782	156855	112273	16.868	20.915
36)	L8 AR-1262-1	0.000	7.233	0	3033596	N.D.	1624.460 #
37)	L8 AR-1262-2	9.087	7.782	156855	112273	13.503	18.088 #
38)	L8 AR-1262-3	9.412f	0.000	262886	0	34.134	N.D. #
39)	L8 AR-1262-4	9.466	8.129	98740	80252	16.430	17.953
41)	L9 AR-1268-1	9.412f	0.000	262886	0	18.472	N.D. #
42)	L9 AR-1268-2	9.466f	8.129	98740	80252	7.488	12.494 #

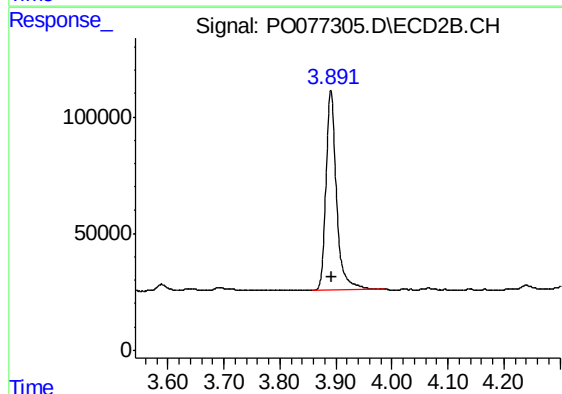
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

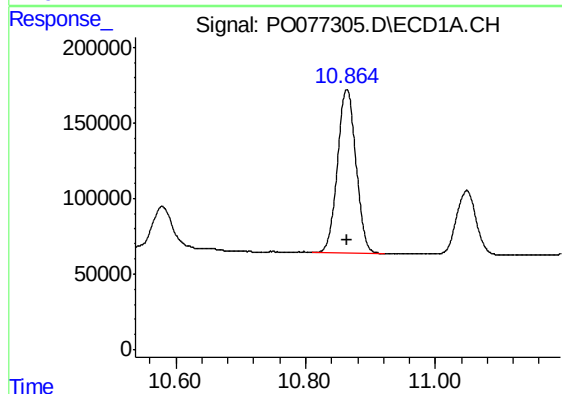
R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 2380527
Conc: 22.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



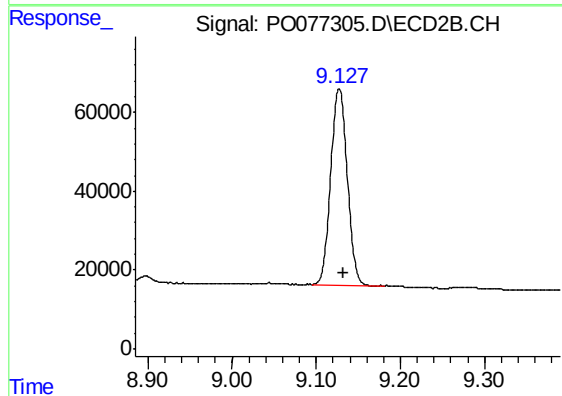
#1 Tetrachloro-m-xylene

R.T.: 3.891 min
Delta R.T.: -0.002 min
Response: 1114275
Conc: 21.18 ng/ml



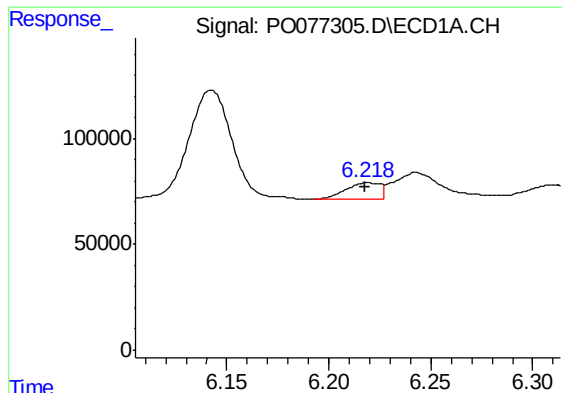
#2 Decachlorobiphenyl

R.T.: 10.864 min
Delta R.T.: 0.000 min
Response: 2145580
Conc: 20.67 ng/ml



#2 Decachlorobiphenyl

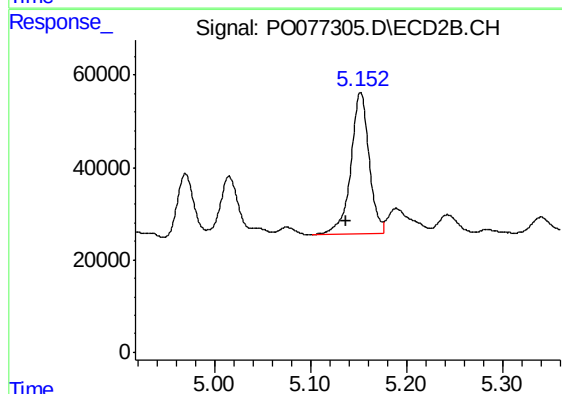
R.T.: 9.127 min
Delta R.T.: -0.005 min
Response: 678314
Conc: 17.98 ng/ml



#3 AR-1016-1

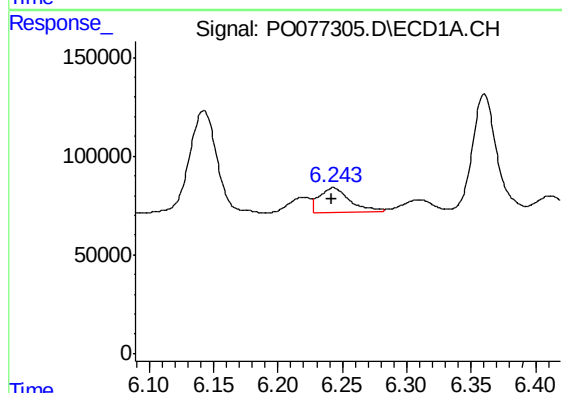
R.T.: 6.219 min
Delta R.T.: 0.001 min
Response: 91750
Conc: 24.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



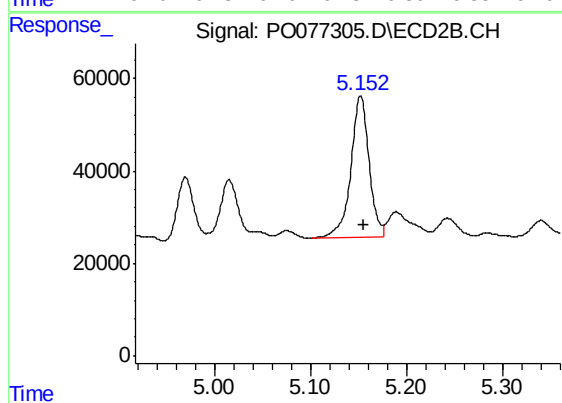
#3 AR-1016-1

R.T.: 5.152 min
Delta R.T.: 0.015 min
Response: 406238
Conc: 266.67 ng/ml



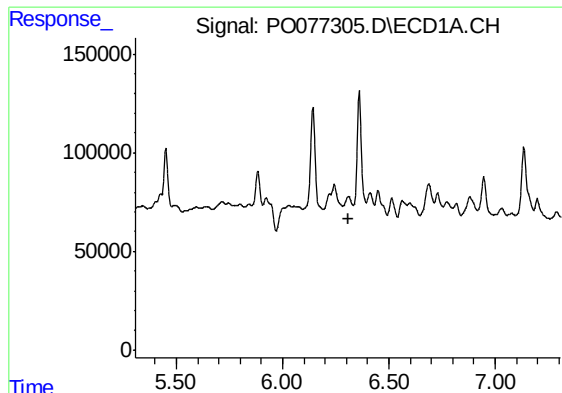
#4 AR-1016-2

R.T.: 6.243 min
Delta R.T.: 0.001 min
Response: 203092
Conc: 34.80 ng/ml



#4 AR-1016-2

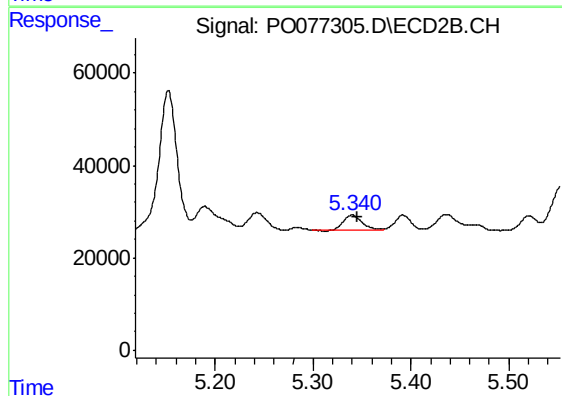
R.T.: 5.152 min
Delta R.T.: -0.004 min
Response: 406238
Conc: 133.35 ng/ml



#5 AR-1016-3

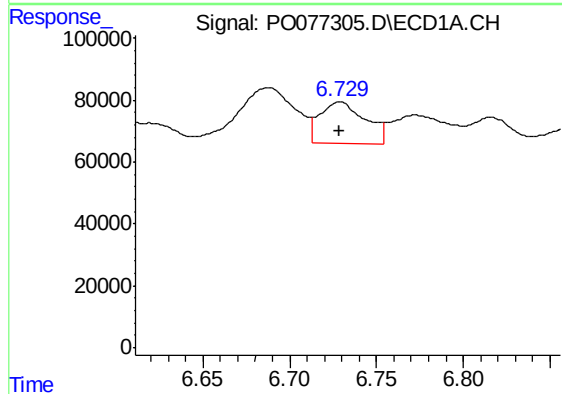
R.T.: 0.000 min
Exp R.T.: 6.308 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DS-1



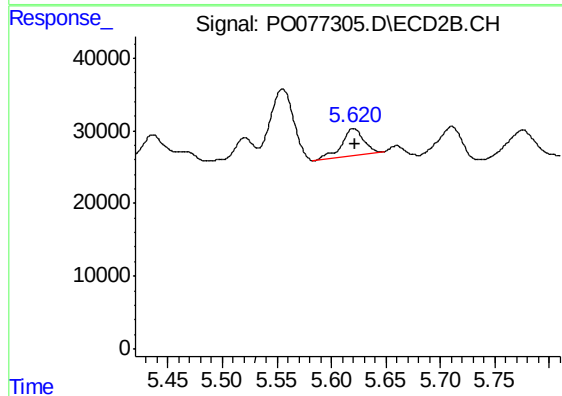
#5 AR-1016-3

R.T.: 5.340 min
Delta R.T.: -0.006 min
Response: 41516
Conc: 30.56 ng/ml



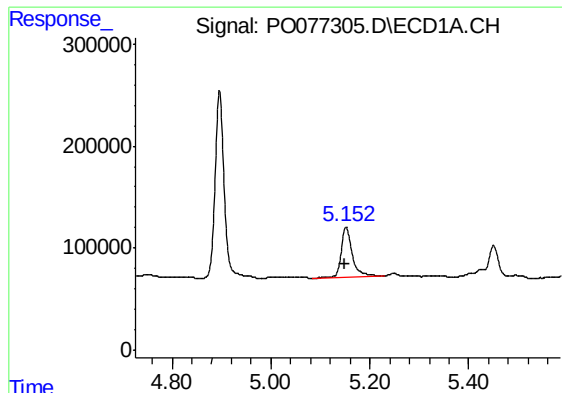
#7 AR-1016-5

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 244450
Conc: 90.19 ng/ml



#7 AR-1016-5

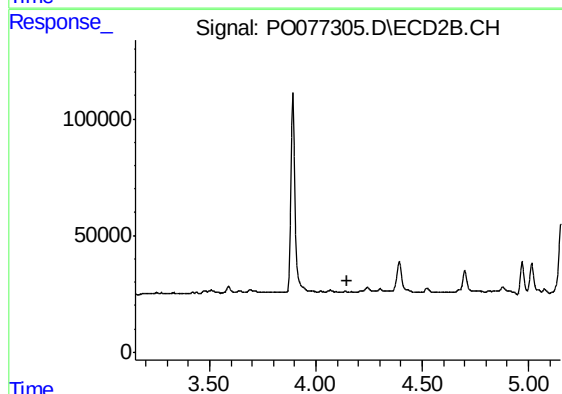
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 53193
Conc: 35.96 ng/ml



#8 AR-1221-1

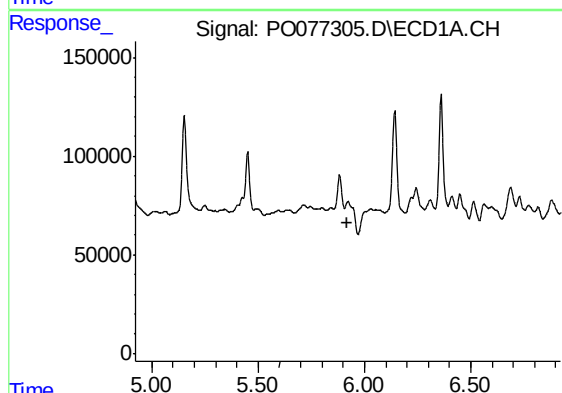
R.T.: 5.152 min
Delta R.T.: 0.003 min
Response: 765739
Conc: 675.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



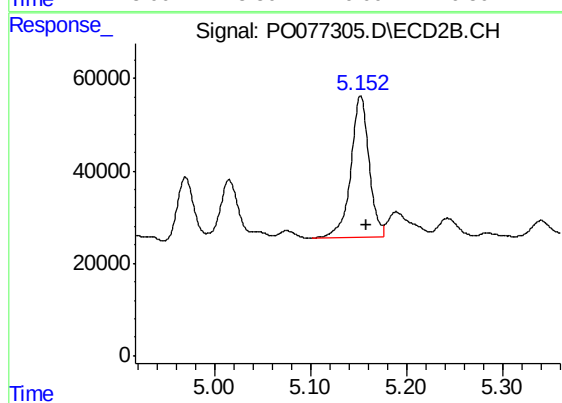
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.150 min
Response: 0
Conc: N.D.



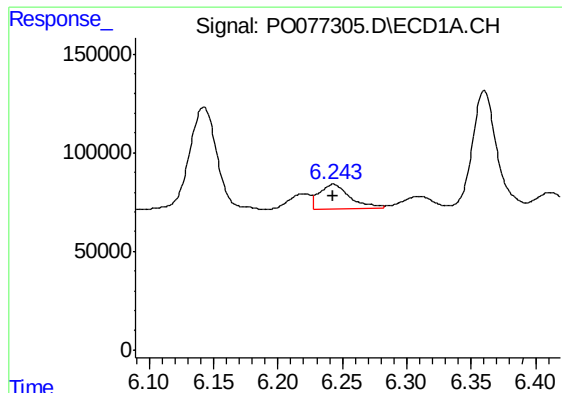
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.922 min
Response: 0
Conc: N.D.



#12 AR-1232-2

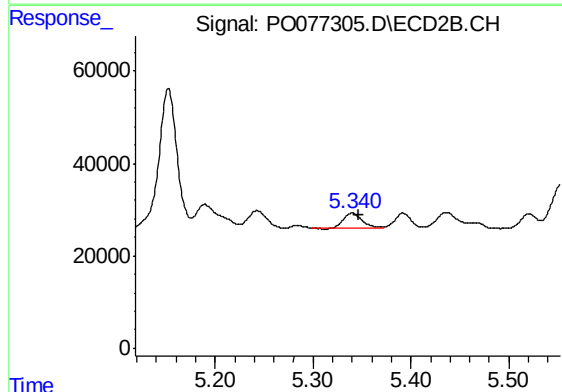
R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 406238
Conc: 334.81 ng/ml



#13 AR-1232-3

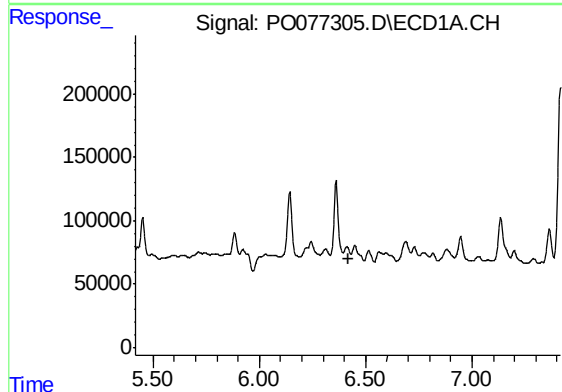
R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 203092
Conc: 89.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



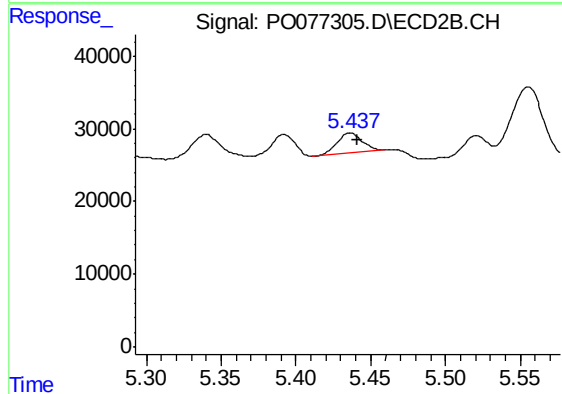
#13 AR-1232-3

R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 41516
Conc: 72.72 ng/ml



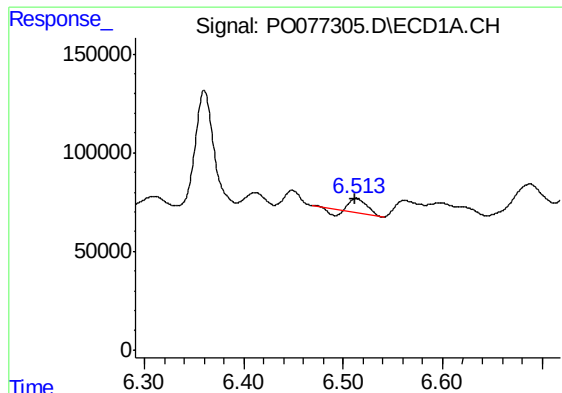
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.416 min
Response: 0
Conc: N.D.



#14 AR-1232-4

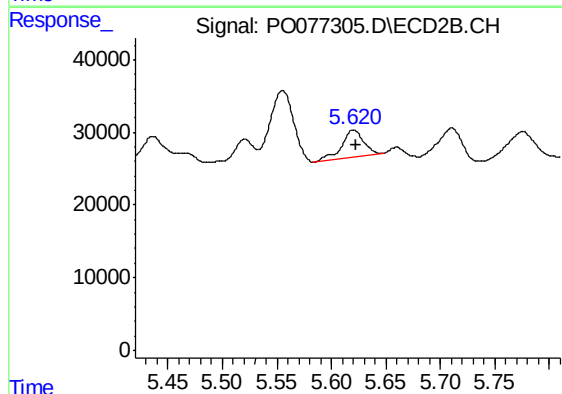
R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 33690
Conc: 59.08 ng/ml



#15 AR-1232-5

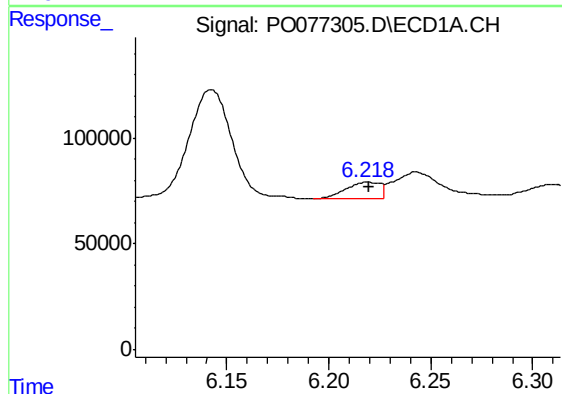
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 65745
Conc: 89.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



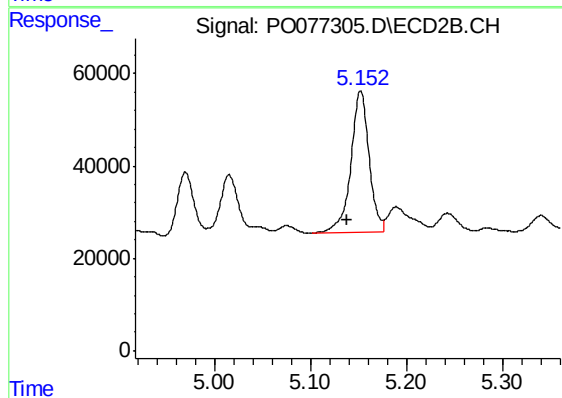
#15 AR-1232-5

R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 53193
Conc: 89.31 ng/ml



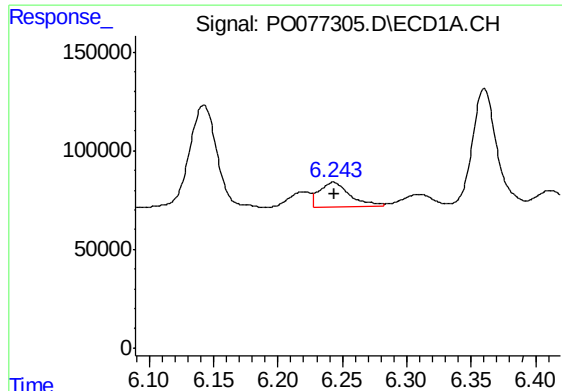
#16 AR-1242-1

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 91750
Conc: 33.77 ng/ml



#16 AR-1242-1

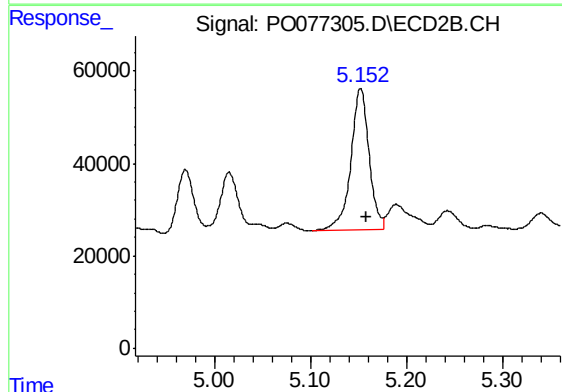
R.T.: 5.152 min
Delta R.T.: 0.013 min
Response: 406238
Conc: 370.83 ng/ml



#17 AR-1242-2

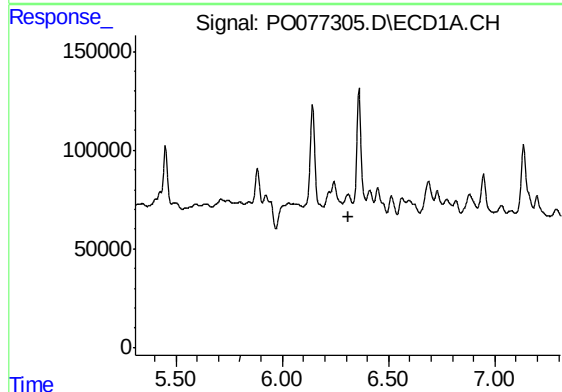
R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 203092
Conc: 46.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



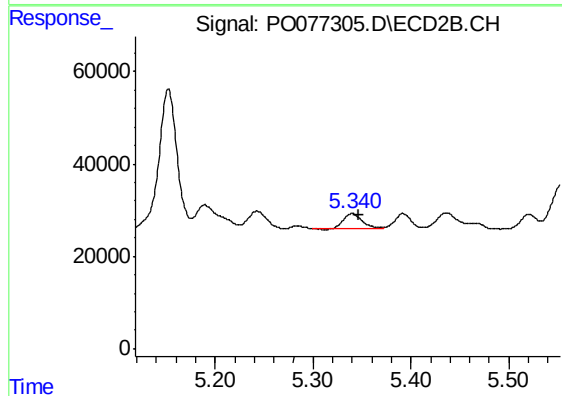
#17 AR-1242-2

R.T.: 5.152 min
Delta R.T.: -0.006 min
Response: 406238
Conc: 178.80 ng/ml



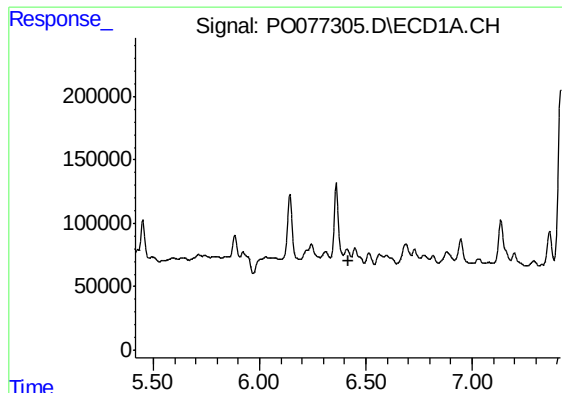
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.309 min
Response: 0
Conc: N.D.



#18 AR-1242-3

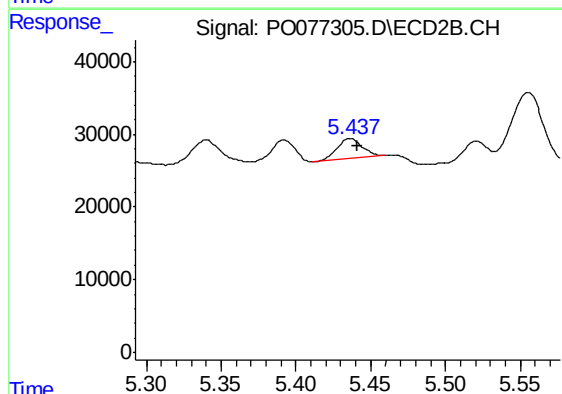
R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 41516
Conc: 40.64 ng/ml



#19 AR-1242-4

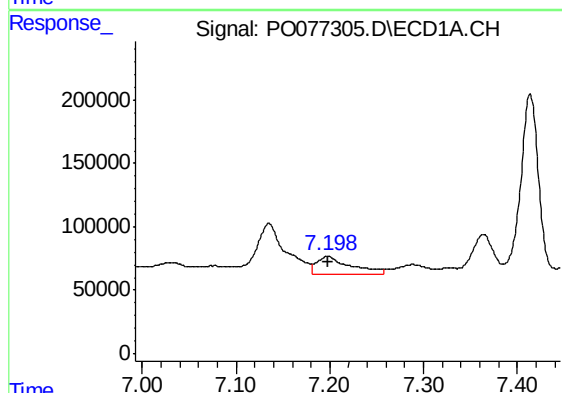
R.T.: 0.000 min
Exp R.T.: 6.416 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DS-1



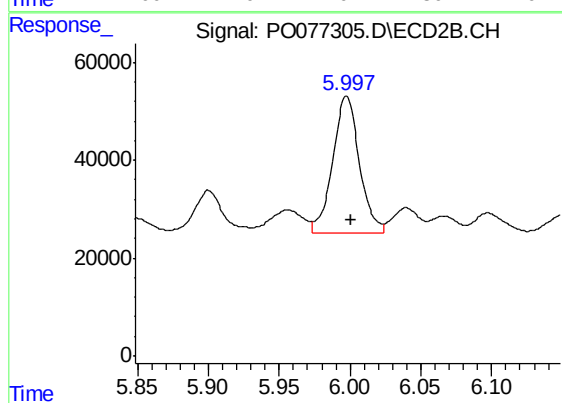
#19 AR-1242-4

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 33690
Conc: 29.65 ng/ml



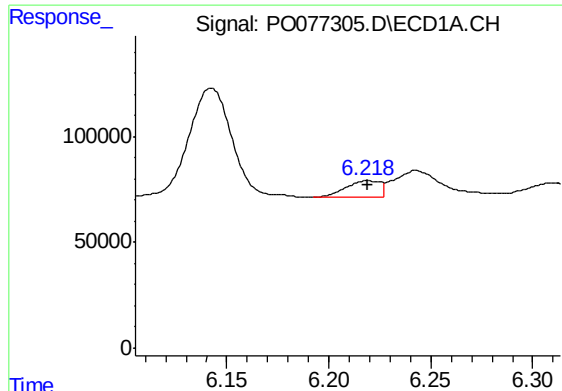
#20 AR-1242-5

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 362149
Conc: 156.62 ng/ml



#20 AR-1242-5

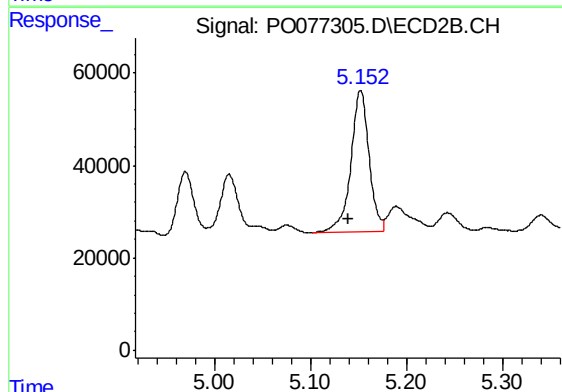
R.T.: 5.998 min
Delta R.T.: -0.004 min
Response: 366060
Conc: 260.89 ng/ml



#21 AR-1248-1

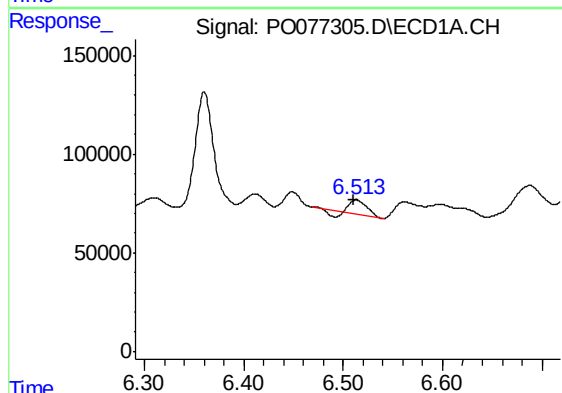
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 91750
Conc: 43.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



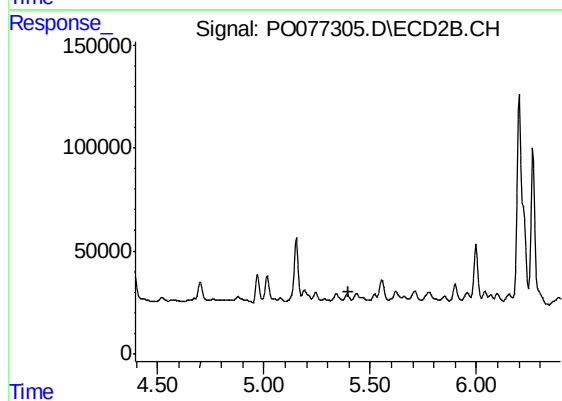
#21 AR-1248-1

R.T.: 5.152 min
Delta R.T.: 0.013 min
Response: 406238
Conc: 461.05 ng/ml



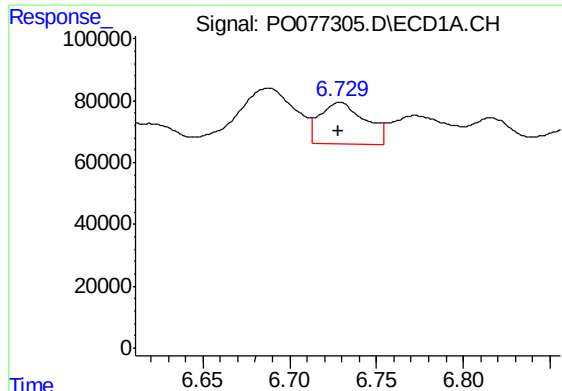
#22 AR-1248-2

R.T.: 6.513 min
Delta R.T.: 0.002 min
Response: 65745
Conc: 21.67 ng/ml



#22 AR-1248-2

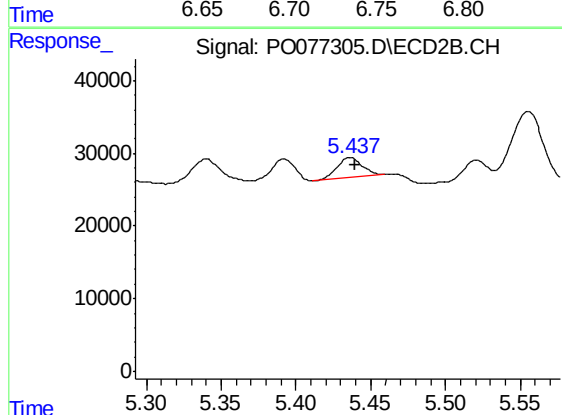
R.T.: 0.000 min
Exp R.T. : 5.396 min
Response: 0
Conc: N.D.



#23 AR-1248-3

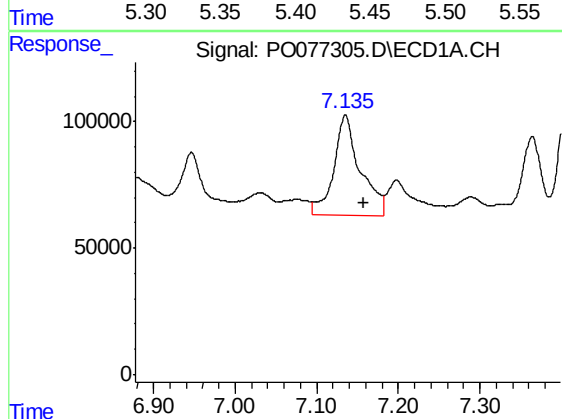
R.T.: 6.729 min
Delta R.T.: 0.001 min
Response: 244450
Conc: 69.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



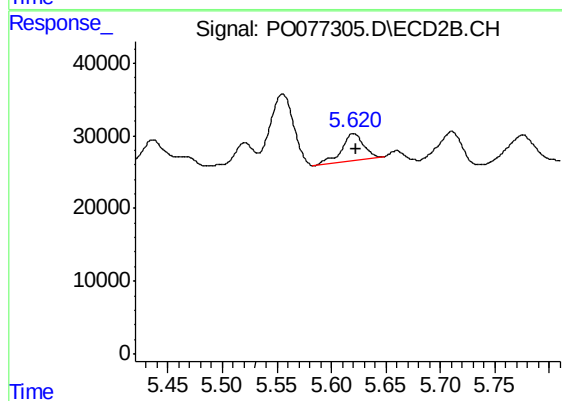
#23 AR-1248-3

R.T.: 5.437 min
Delta R.T.: -0.003 min
Response: 33690
Conc: 20.97 ng/ml



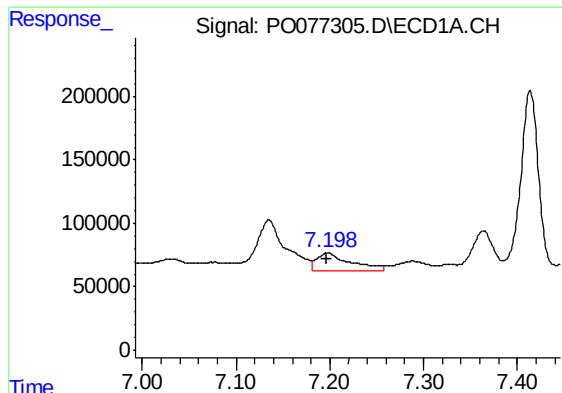
#24 AR-1248-4

R.T.: 7.135 min
Delta R.T.: -0.023 min
Response: 894317
Conc: 221.29 ng/ml



#24 AR-1248-4

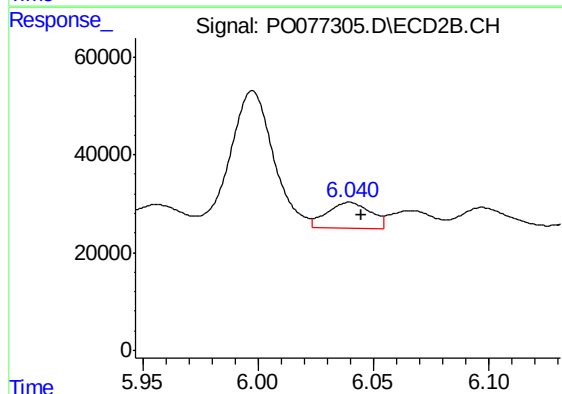
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 53193
Conc: 28.35 ng/ml



#25 AR-1248-5

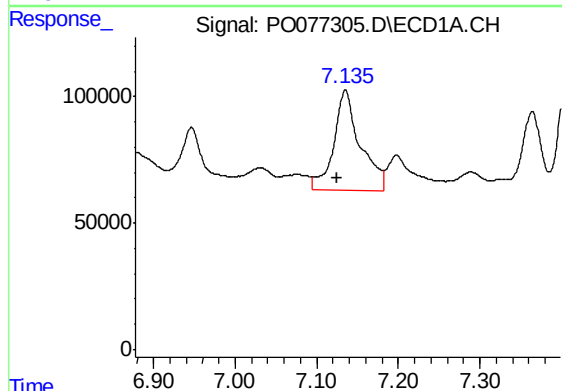
R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 362149
Conc: 88.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



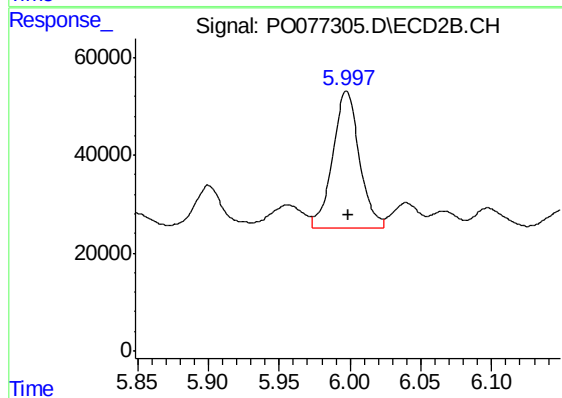
#25 AR-1248-5

R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 68938
Conc: 32.38 ng/ml



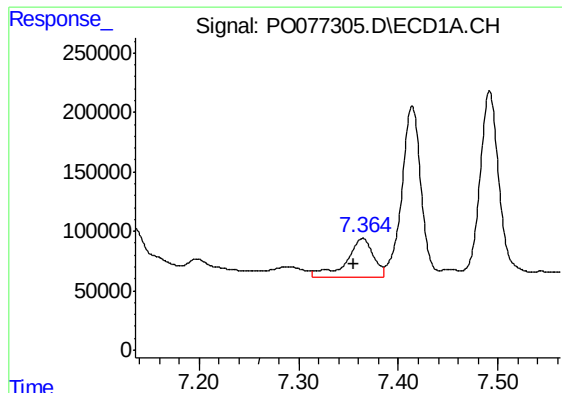
#26 AR-1254-1

R.T.: 7.135 min
Delta R.T.: 0.010 min
Response: 894317
Conc: 217.48 ng/ml



#26 AR-1254-1

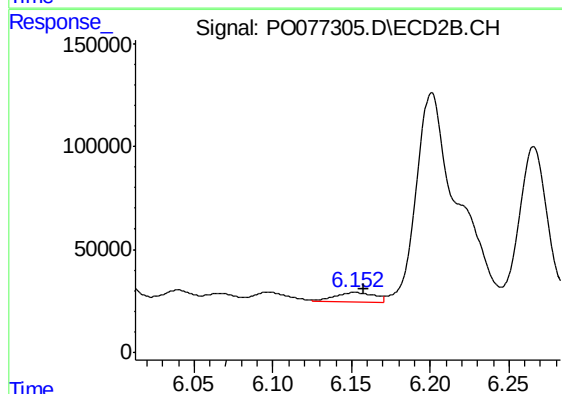
R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 366060
Conc: 126.81 ng/ml



#27 AR-1254-2

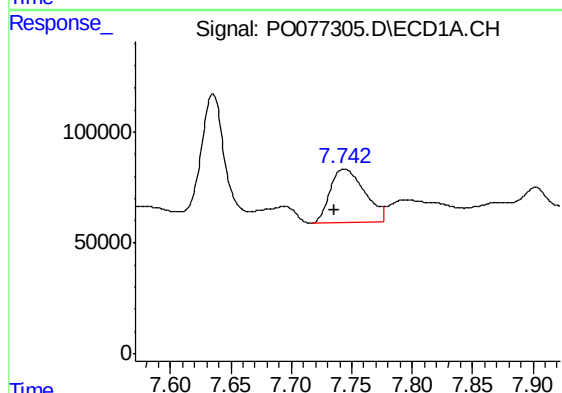
R.T.: 7.364 min
Delta R.T.: 0.009 min
Response: 616399
Conc: 95.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



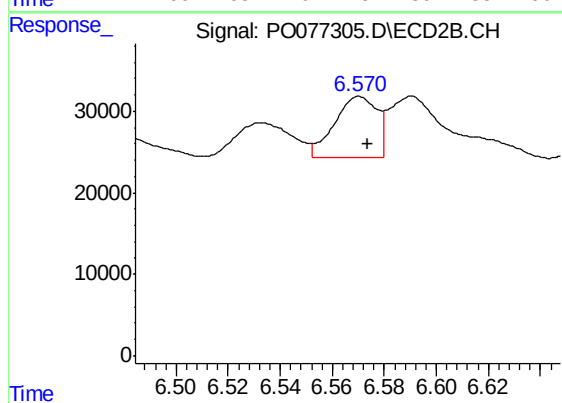
#27 AR-1254-2

R.T.: 6.152 min
Delta R.T.: -0.005 min
Response: 79568
Conc: 30.82 ng/ml



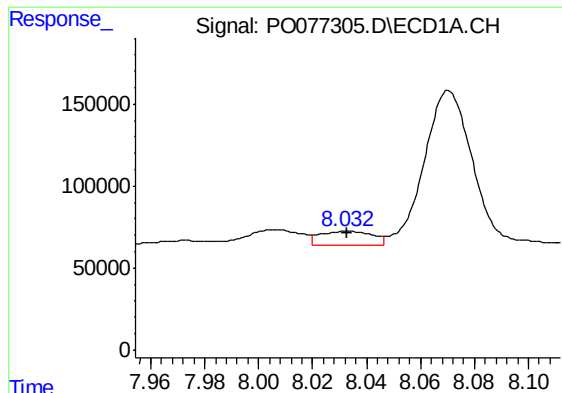
#28 AR-1254-3

R.T.: 7.744 min
Delta R.T.: 0.008 min
Response: 479236
Conc: 70.82 ng/ml



#28 AR-1254-3

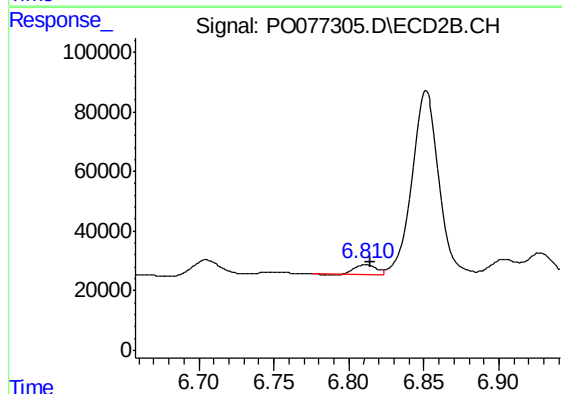
R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 84321
Conc: 21.55 ng/ml



#29 AR-1254-4

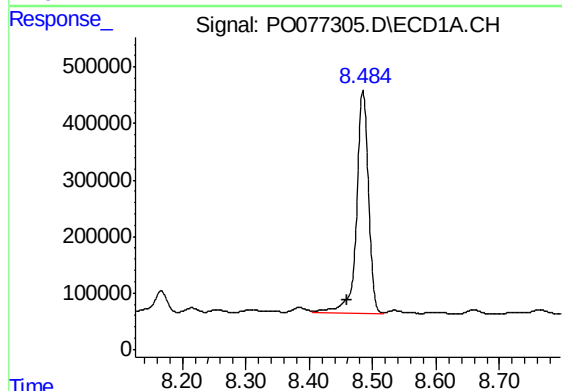
R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 115818
Conc: 23.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



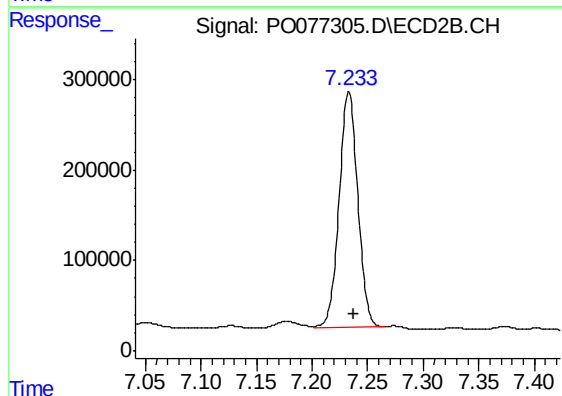
#29 AR-1254-4

R.T.: 6.811 min
Delta R.T.: -0.004 min
Response: 32300
Conc: 14.22 ng/ml



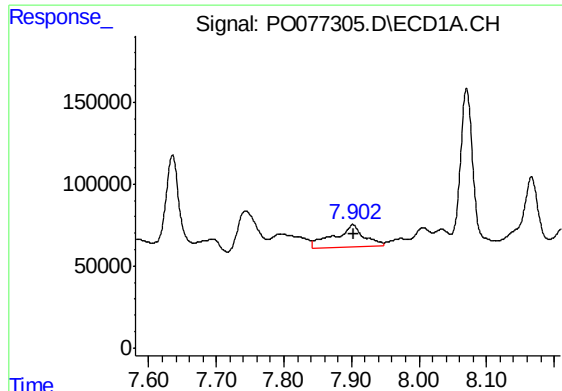
#30 AR-1254-5

R.T.: 8.485 min
Delta R.T.: 0.025 min
Response: 5208473
Conc: 935.61 ng/ml



#30 AR-1254-5

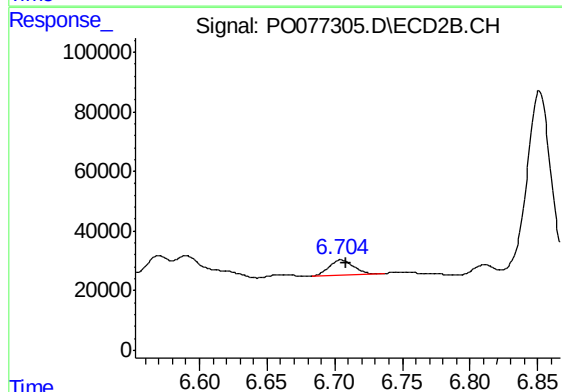
R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 3033596
Conc: 836.67 ng/ml



#31 AR-1260-1

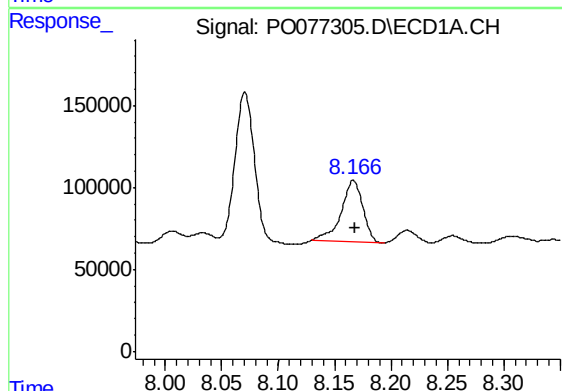
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 417290
Conc: 77.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



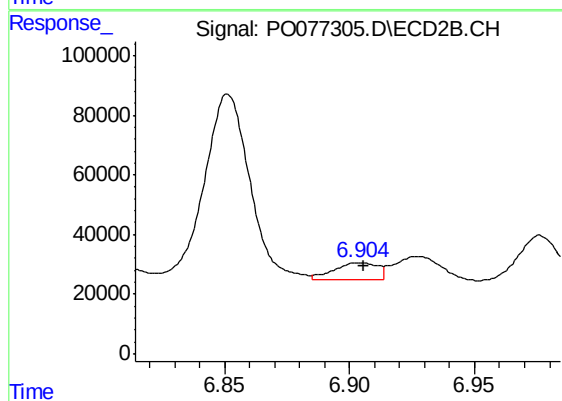
#31 AR-1260-1

R.T.: 6.705 min
Delta R.T.: -0.003 min
Response: 66637
Conc: 22.32 ng/ml



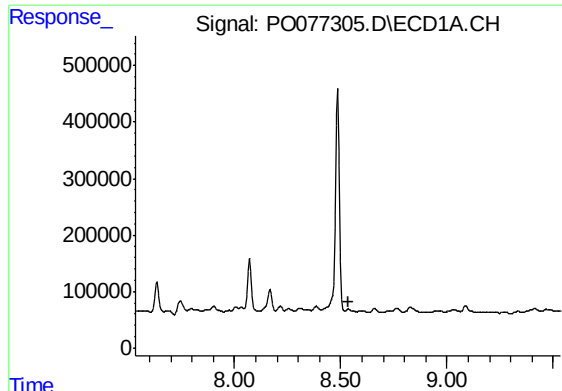
#32 AR-1260-2

R.T.: 8.167 min
Delta R.T.: -0.001 min
Response: 494104
Conc: 78.25 ng/ml



#32 AR-1260-2

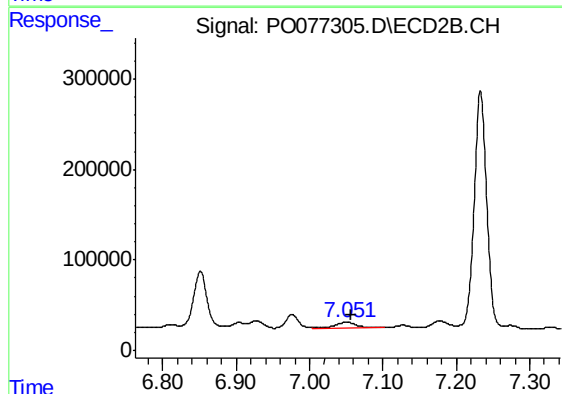
R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 68814
Conc: 19.30 ng/ml



#33 AR-1260-3

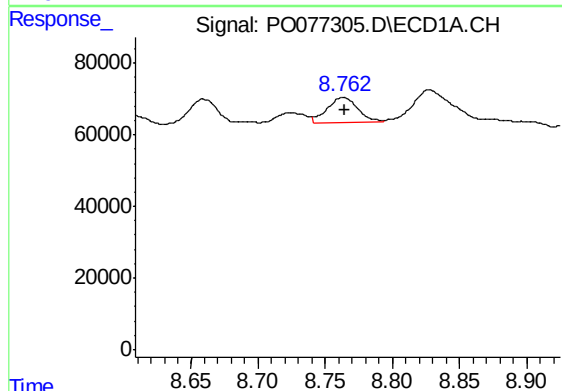
R.T.: 0.000 min
Exp R.T. : 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DS-1



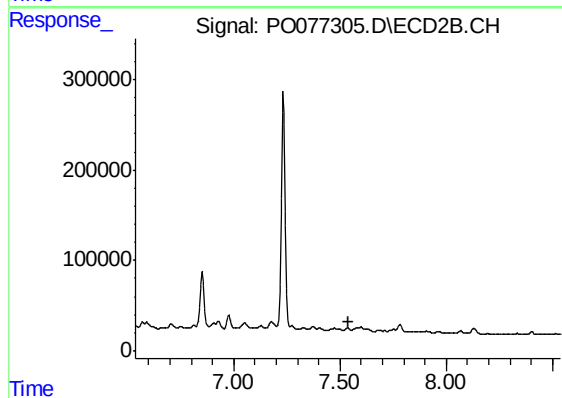
#33 AR-1260-3

R.T.: 7.051 min
Delta R.T.: -0.006 min
Response: 138681
Conc: 42.17 ng/ml



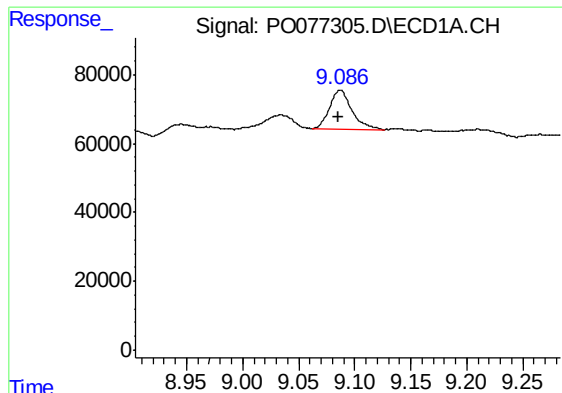
#34 AR-1260-4

R.T.: 8.763 min
Delta R.T.: -0.001 min
Response: 109995
Conc: 22.74 ng/ml



#34 AR-1260-4

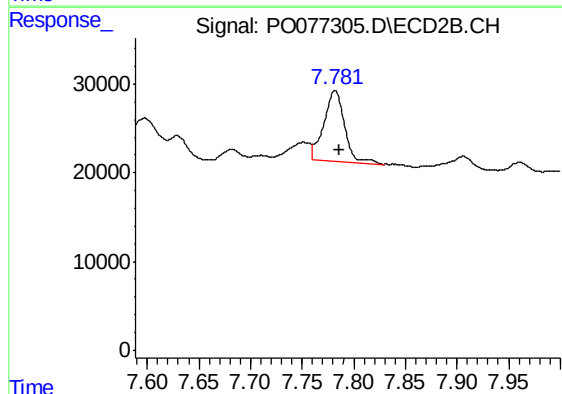
R.T.: 0.000 min
Exp R.T. : 7.537 min
Response: 0
Conc: N.D.



#35 AR-1260-5

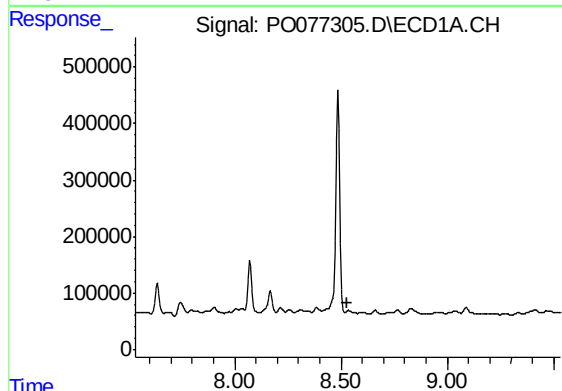
R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 156855
Conc: 16.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



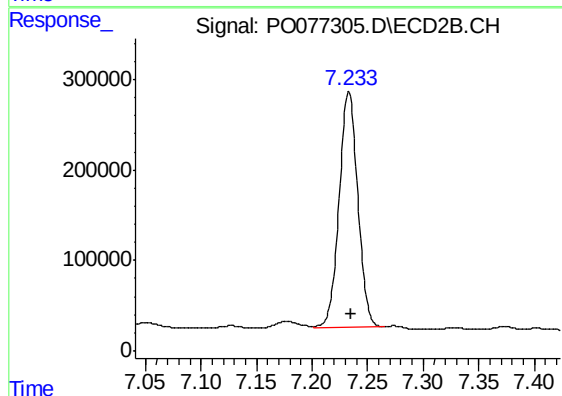
#35 AR-1260-5

R.T.: 7.782 min
Delta R.T.: -0.004 min
Response: 112273
Conc: 20.91 ng/ml



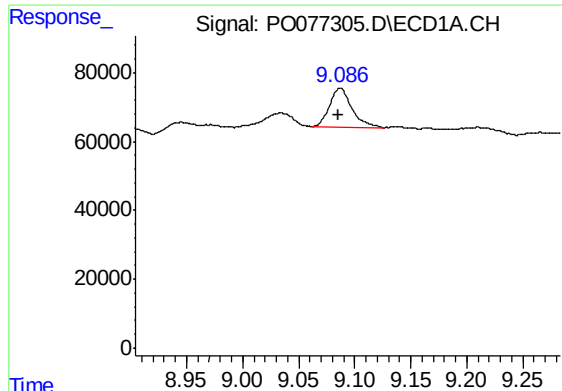
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.532 min
Response: 0
Conc: N.D.



#36 AR-1262-1

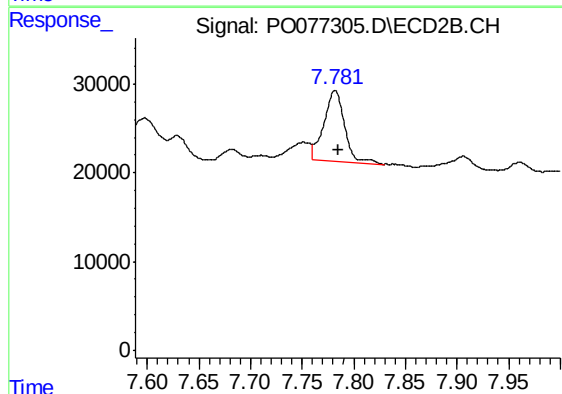
R.T.: 7.233 min
Delta R.T.: -0.002 min
Response: 3033596
Conc: 1624.46 ng/ml



#37 AR-1262-2

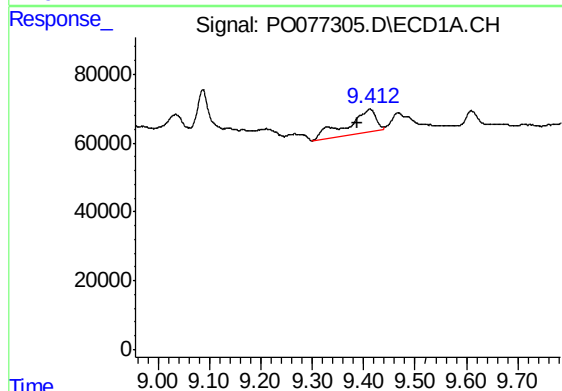
R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 156855
Conc: 13.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



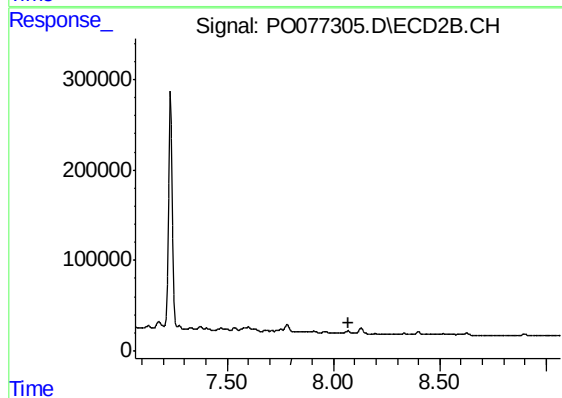
#37 AR-1262-2

R.T.: 7.782 min
Delta R.T.: -0.004 min
Response: 112273
Conc: 18.09 ng/ml



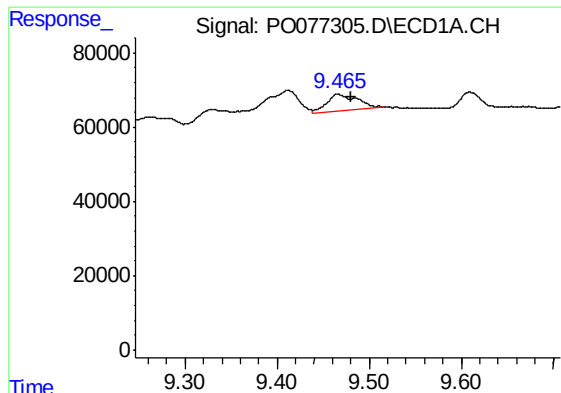
#38 AR-1262-3

R.T.: 9.412 min
Delta R.T.: 0.023 min
Response: 262886
Conc: 34.13 ng/ml



#38 AR-1262-3

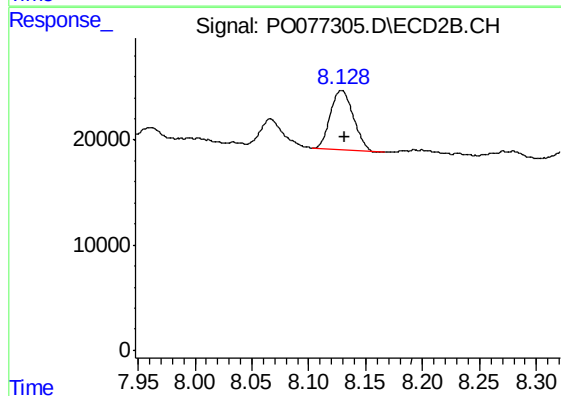
R.T.: 0.000 min
Exp R.T. : 8.068 min
Response: 0
Conc: N.D.



#39 AR-1262-4

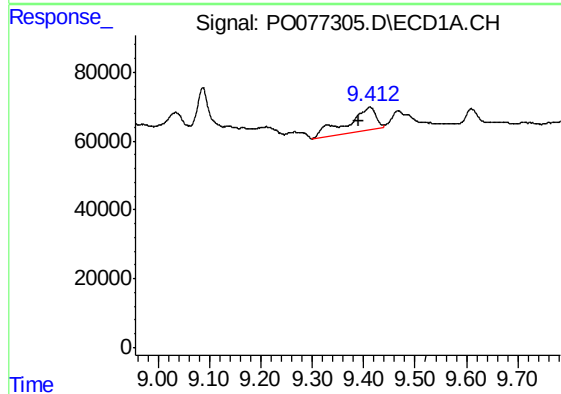
R.T.: 9.466 min
Delta R.T.: -0.015 min
Response: 98740
Conc: 16.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



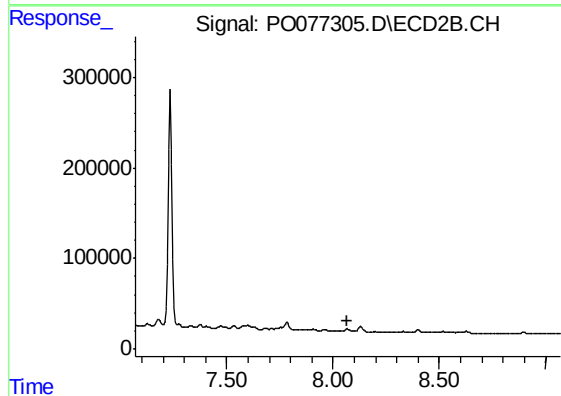
#39 AR-1262-4

R.T.: 8.129 min
Delta R.T.: -0.003 min
Response: 80252
Conc: 17.95 ng/ml



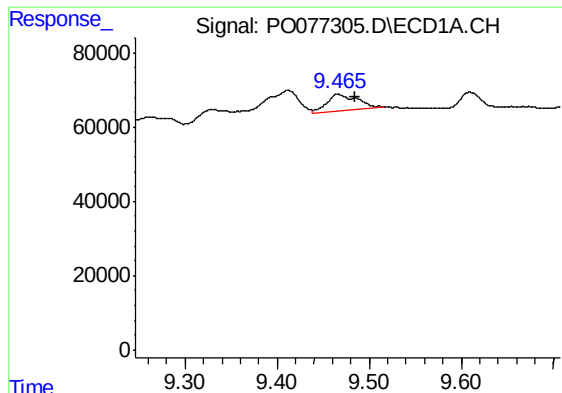
#41 AR-1268-1

R.T.: 9.412 min
Delta R.T.: 0.022 min
Response: 262886
Conc: 18.47 ng/ml



#41 AR-1268-1

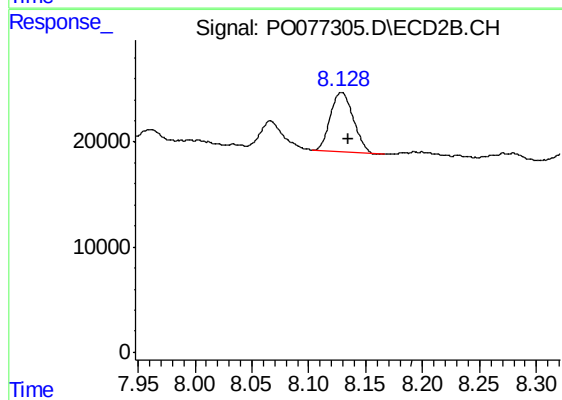
R.T.: 0.000 min
Exp R.T. : 8.070 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 9.466 min
Delta R.T.: -0.019 min
Response: 98740
Conc: 7.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
DS-1



#42 AR-1268-2

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: 80252
Conc: 12.49 ng/ml