

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080719\
 Data File : P0058983.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Aug 2019 13:31
 Operator : SM/AJ
 Sample : K4189-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-22

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 15:52:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 2019
 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...	4.158	3.515	1065536	942233	25.248	23.585
2)	SA Decachlor...	9.666	8.396	1377118	950583	25.429	24.082
Target Compounds							
3)	L1 AR-1016-1	5.378	0.000	5334	0	2.846	N.D. #
4)	L1 AR-1016-2	5.378	4.670	5334	102113	1.938	47.570 #
5)	L1 AR-1016-3	5.427	0.000	3075	0	1.811	N.D. #
6)	L1 AR-1016-4	5.523	0.000	10933	0	7.814	N.D. #
7)	L1 AR-1016-5	5.774	5.055	58609	94927	40.916	77.086 #
8)	L2 AR-1221-1	4.421	3.708	10623	35012	23.386	86.915 #
9)	L2 AR-1221-2	4.460	0.000	37770	0	109.549	N.D. #
10)	L2 AR-1221-3	4.542	3.921	15136	73749	13.803	77.094 #
11)	L3 AR-1232-1	4.542	3.921	15136	73749	16.765	93.881 #
12)	L3 AR-1232-2	5.070	0.000	5898	0	11.990	N.D. #
13)	L3 AR-1232-3	5.378	0.000	5334	0	4.981	N.D. #
14)	L3 AR-1232-4	5.523	0.000	10933	0	20.509	N.D. #
15)	L3 AR-1232-5	5.625	5.055	3784	94927	9.273	215.621 #
16)	L4 AR-1242-1	5.378	0.000	5334	0	4.165	N.D. #
17)	L4 AR-1242-2	5.378	0.000	5334	0	2.820	N.D. #
18)	L4 AR-1242-3	5.427	0.000	3075	0	2.621	N.D. #
19)	L4 AR-1242-4	5.523	0.000	10933	0	11.377	N.D. #
20)	L4 AR-1242-5	6.240	0.000	210064	0	178.843	N.D. #
21)	L5 AR-1248-1	5.378	0.000	5334	0	5.276	N.D. #
22)	L5 AR-1248-2	5.625	0.000	3784	0	2.617	N.D. #
23)	L5 AR-1248-3	5.774	0.000	58609	0	35.680	N.D. #
24)	L5 AR-1248-4	6.176	5.055	23246	94927	11.478	67.951 #
25)	L5 AR-1248-5	6.240	5.440	210064	92974	108.822	67.117 #
26)	L6 AR-1254-1	6.176	0.000	23246	0	9.845	N.D. #
27)	L6 AR-1254-2	6.373	0.000	10672	0	2.769	N.D. #
28)	L6 AR-1254-3	6.736	0.000	8151	0	2.013	N.D. #
29)	L6 AR-1254-4	7.073	6.192	32014	104208	8.891	44.816 #
30)	L6 AR-1254-5	7.437	6.560	58027	93797	16.009	27.191 #
31)	L7 AR-1260-1	6.921	0.000	35483	0	12.324	N.D. #
32)	L7 AR-1260-2	7.202	6.192	6601	104208	1.587	34.400 #
33)	L7 AR-1260-3	7.530	0.000	244371	0	65.621	N.D. #
35)	L7 AR-1260-5	8.043	0.000	34633	0	4.709	N.D. #
36)	L8 AR-1262-1	7.530	6.560	244371	93797	48.483	26.261 #
37)	L8 AR-1262-2	8.043	0.000	34633	0	4.351	N.D. #
38)	L8 AR-1262-3	0.000	7.389	0	117340	N.D.	47.543 #
39)	L8 AR-1262-4	8.428	7.389	24013	117340	6.337	27.634 #
40)	L8 AR-1262-5	9.006	0.000	9664	0	4.206	N.D. #
41)	L9 AR-1268-1	0.000	7.389	0	117340	N.D.	14.406 #
42)	L9 AR-1268-2	8.428	7.389	24013	117340	2.556	15.486 #
43)	L9 AR-1268-3	8.610	7.610	24450	30599	2.960	4.787 #

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 Sample : K4189-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 15:52:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	
44) L9	AR-1268-4	9.006	0.000	9664	0	3.233	N.D.	#
45) L9	AR-1268-5	9.382	0.000	31881	0	1.485	N.D.	#

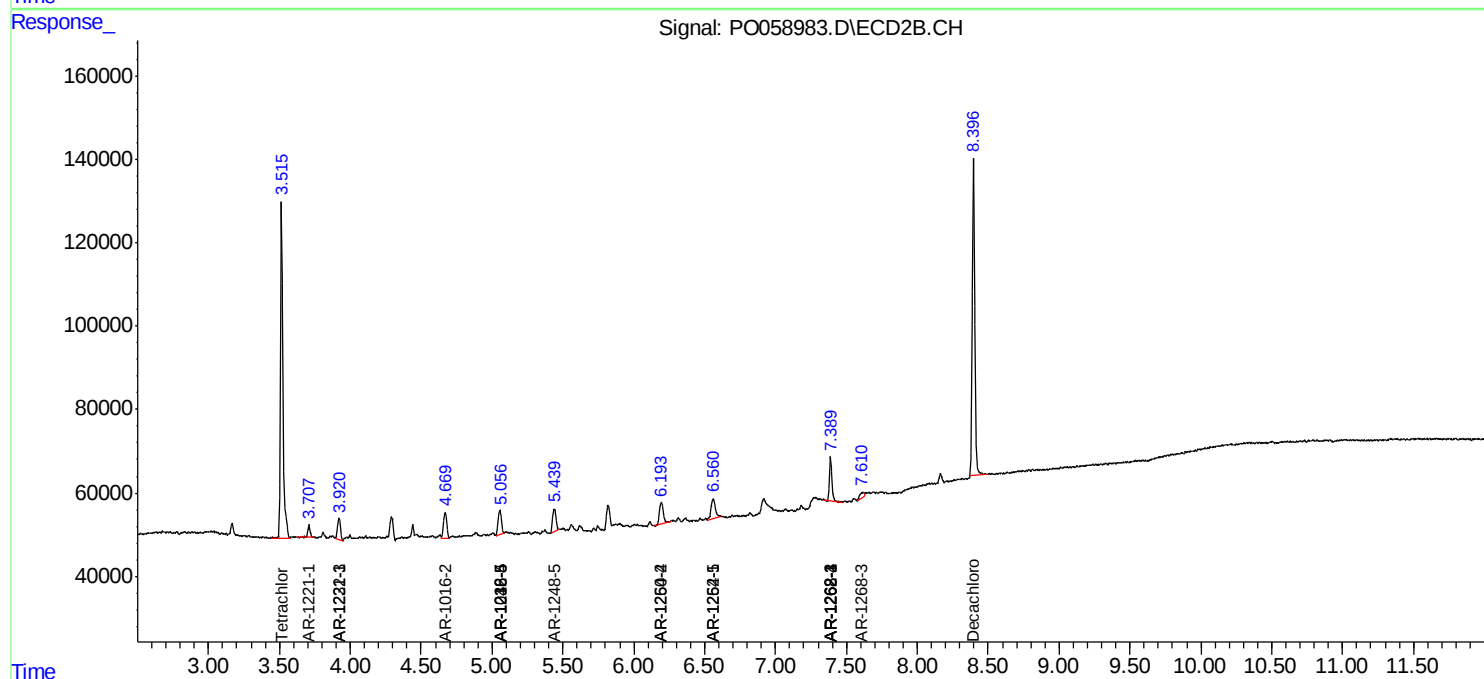
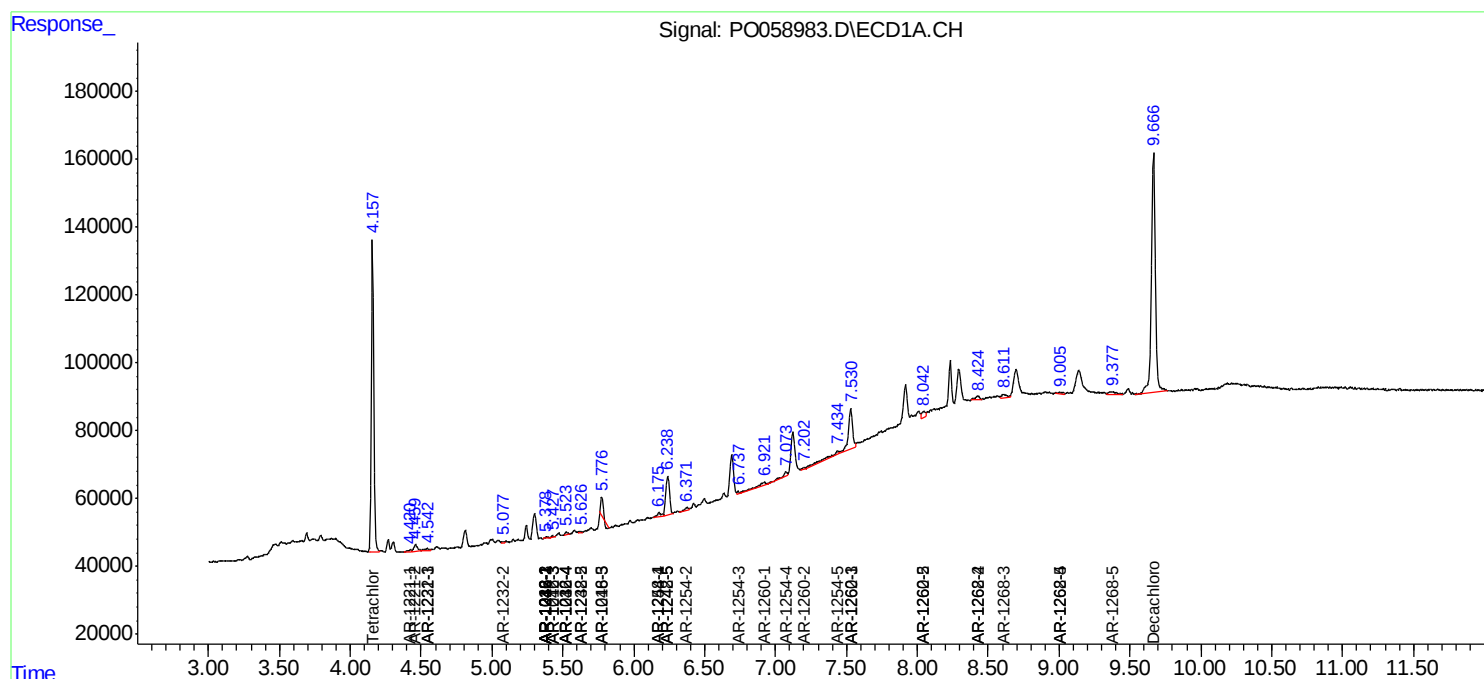
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

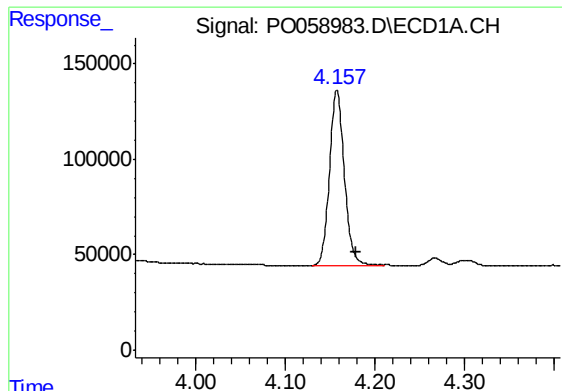
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080719\
Data File : PO058983.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 07 Aug 2019 13:31
Operator : SM/AJ
Sample : K4189-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
HA-22

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 15:52:13 2019
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QLast Update : Sat Jul 27 06:49:05 2019
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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

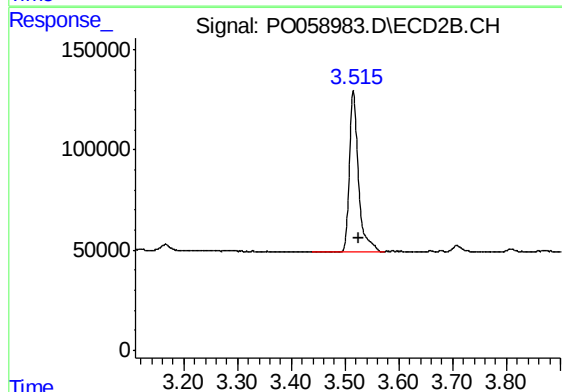




#1 Tetrachloro-m-xylene

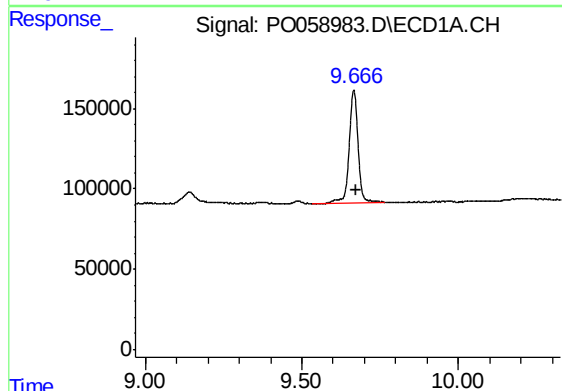
R.T.: 4.158 min
Delta R.T.: -0.021 min
Response: 1065536
Conc: 25.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



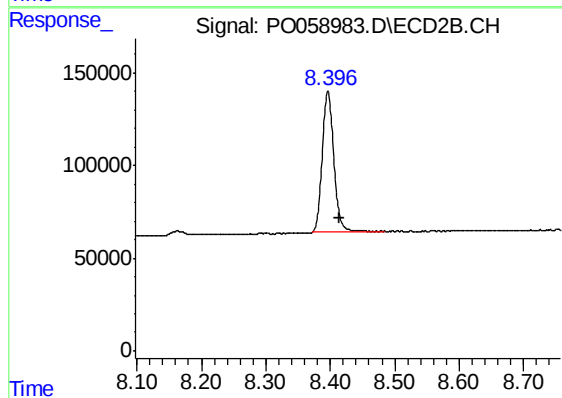
#1 Tetrachloro-m-xylene

R.T.: 3.515 min
Delta R.T.: -0.009 min
Response: 942233
Conc: 23.59 ng/ml



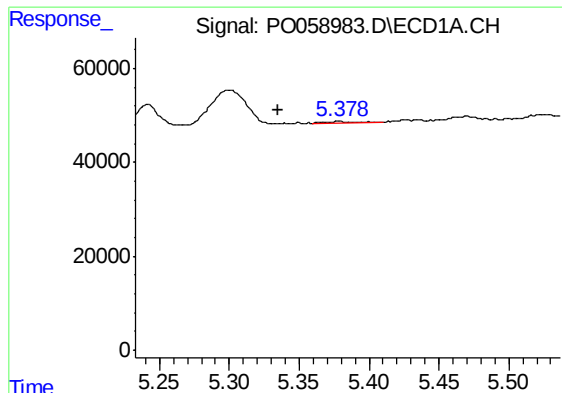
#2 Decachlorobiphenyl

R.T.: 9.666 min
Delta R.T.: -0.007 min
Response: 1377118
Conc: 25.43 ng/ml



#2 Decachlorobiphenyl

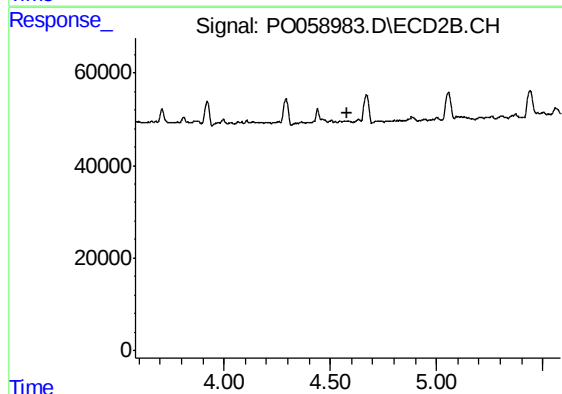
R.T.: 8.396 min
Delta R.T.: -0.018 min
Response: 950583
Conc: 24.08 ng/ml



#3 AR-1016-1

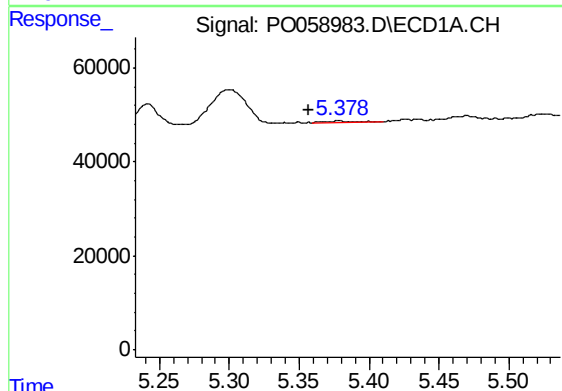
R.T.: 5.378 min
Delta R.T.: 0.043 min
Response: 5334
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



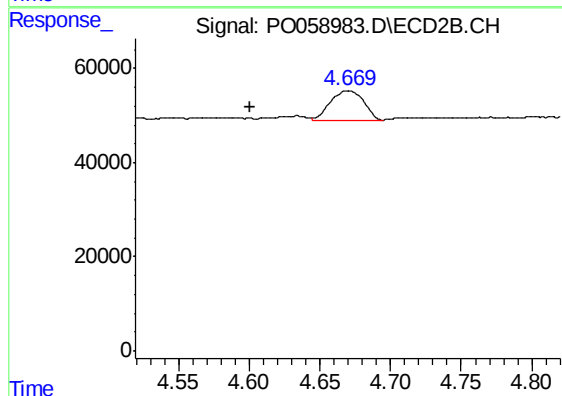
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



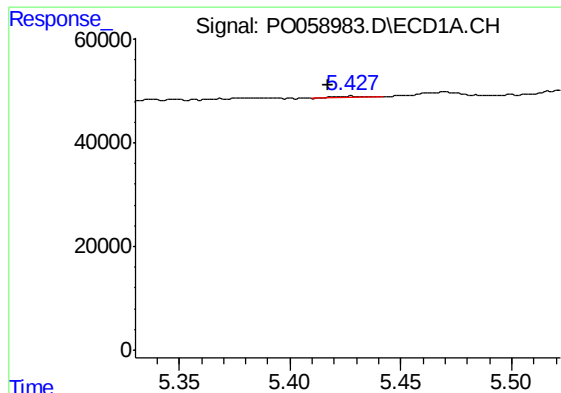
#4 AR-1016-2

R.T.: 5.378 min
Delta R.T.: 0.021 min
Response: 5334
Conc: 1.94 ng/ml



#4 AR-1016-2

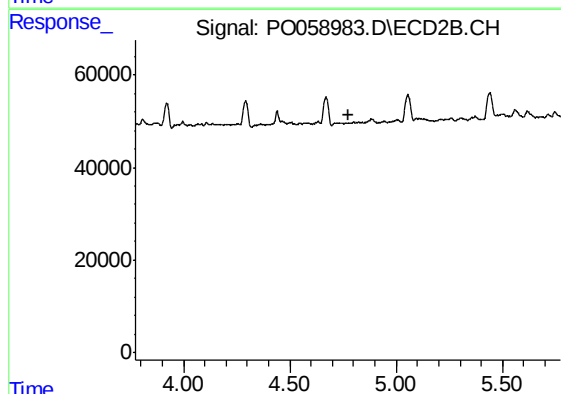
R.T.: 4.670 min
Delta R.T.: 0.070 min
Response: 102113
Conc: 47.57 ng/ml



#5 AR-1016-3

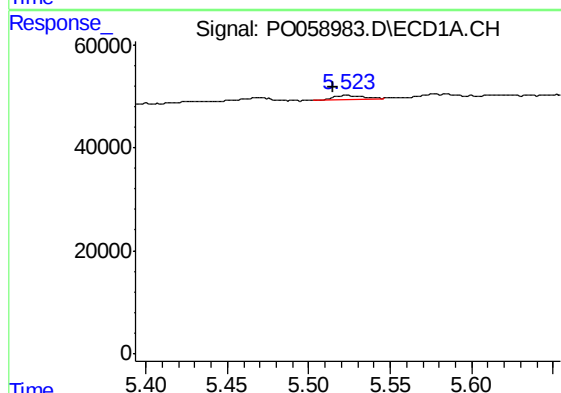
R.T.: 5.427 min
Delta R.T.: 0.010 min
Response: 3075
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



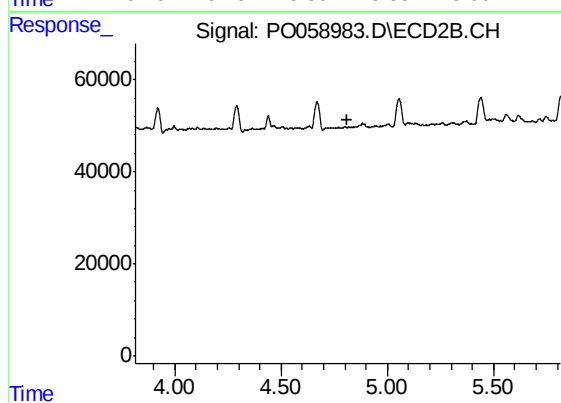
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



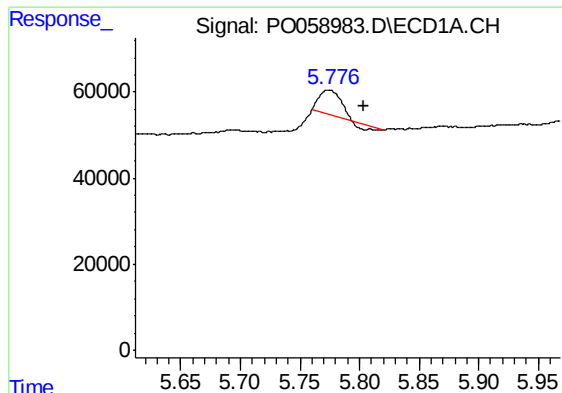
#6 AR-1016-4

R.T.: 5.523 min
Delta R.T.: 0.008 min
Response: 10933
Conc: 7.81 ng/ml



#6 AR-1016-4

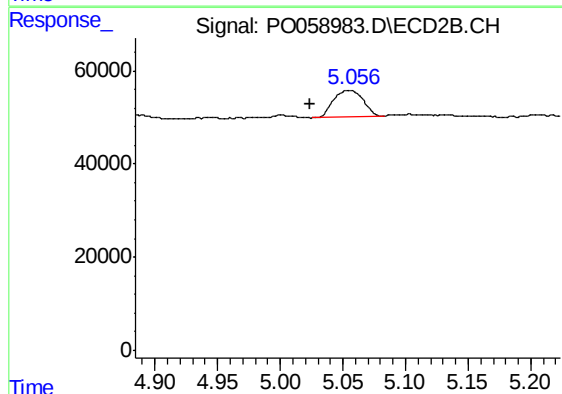
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

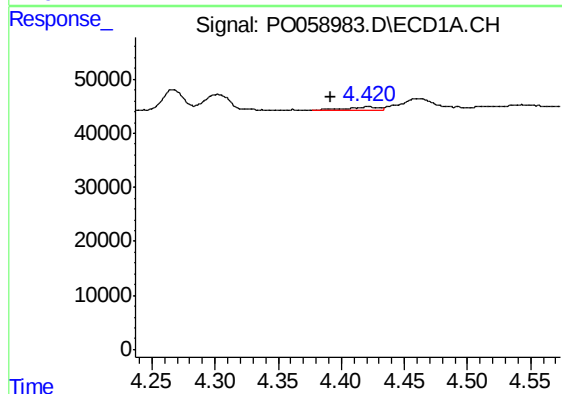
R.T.: 5.774 min
Delta R.T.: -0.029 min
Response: 58609
Conc: 40.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



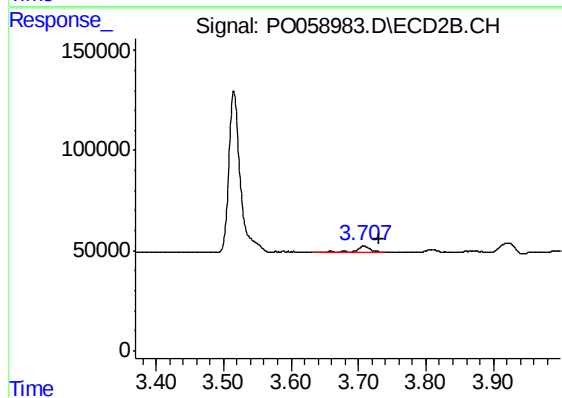
#7 AR-1016-5

R.T.: 5.055 min
Delta R.T.: 0.032 min
Response: 94927
Conc: 77.09 ng/ml



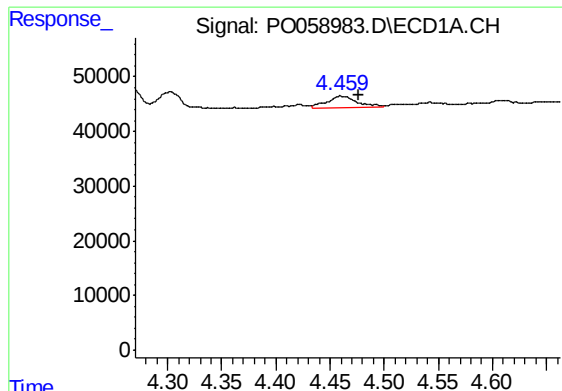
#8 AR-1221-1

R.T.: 4.421 min
Delta R.T.: 0.030 min
Response: 10623
Conc: 23.39 ng/ml



#8 AR-1221-1

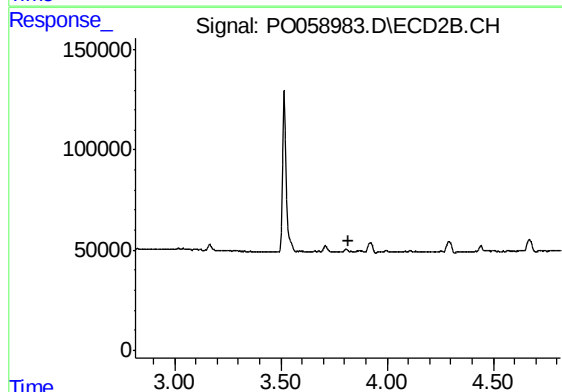
R.T.: 3.708 min
Delta R.T.: -0.024 min
Response: 35012
Conc: 86.92 ng/ml



#9 AR-1221-2

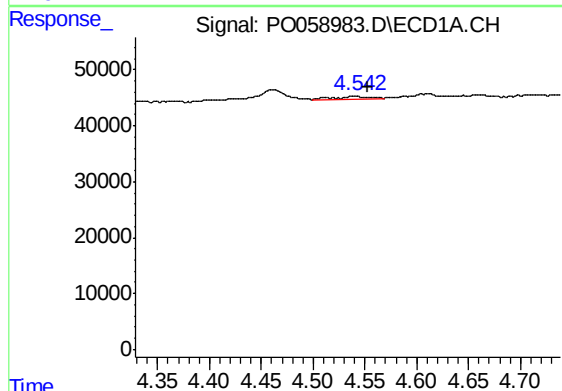
R.T.: 4.460 min
Delta R.T.: -0.017 min
Response: 37770
Conc: 109.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



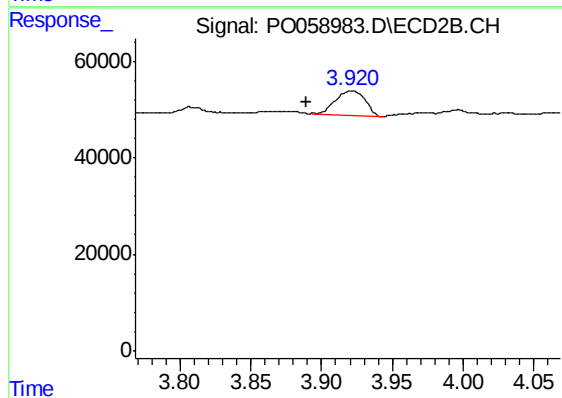
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



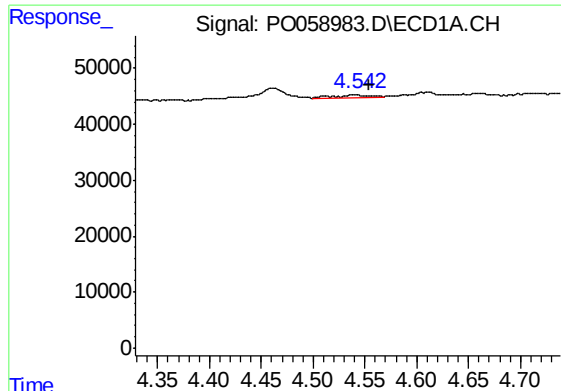
#10 AR-1221-3

R.T.: 4.542 min
Delta R.T.: -0.011 min
Response: 15136
Conc: 13.80 ng/ml



#10 AR-1221-3

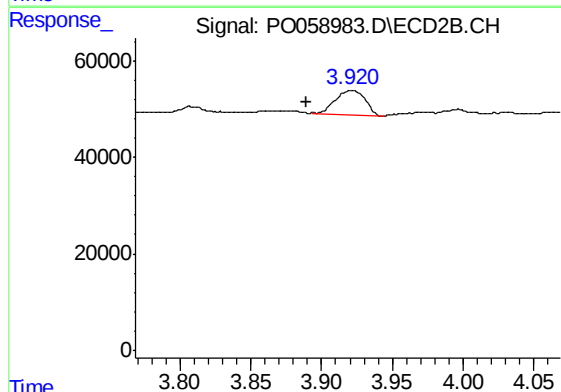
R.T.: 3.921 min
Delta R.T.: 0.032 min
Response: 73749
Conc: 77.09 ng/ml



#11 AR-1232-1

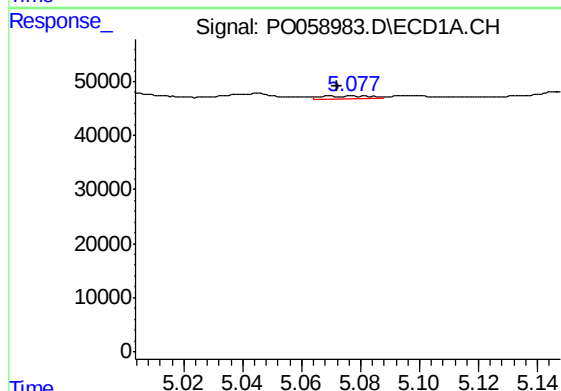
R.T.: 4.542 min
Delta R.T.: -0.012 min
Response: 15136
Conc: 16.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



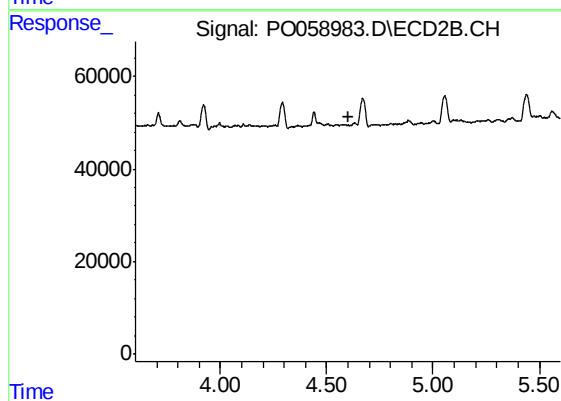
#11 AR-1232-1

R.T.: 3.921 min
Delta R.T.: 0.032 min
Response: 73749
Conc: 93.88 ng/ml



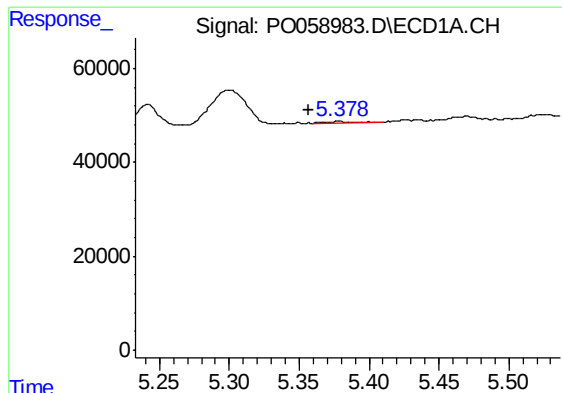
#12 AR-1232-2

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 5898
Conc: 11.99 ng/ml



#12 AR-1232-2

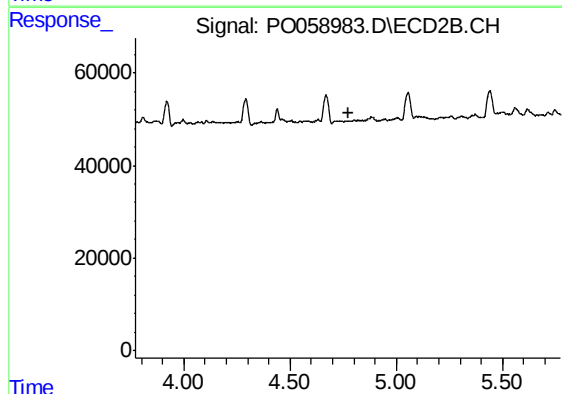
R.T.: 0.000 min
Exp R.T.: 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

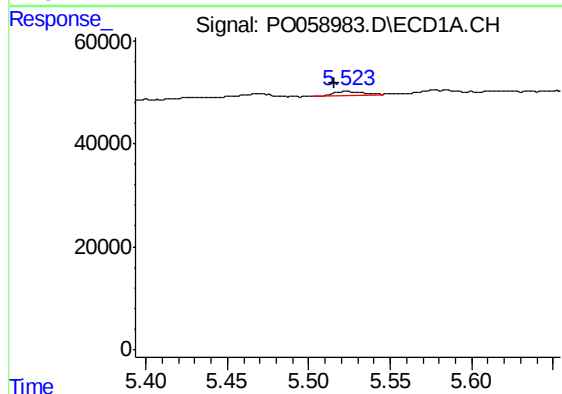
R.T.: 5.378 min
Delta R.T.: 0.021 min
Response: 5334
Conc: 4.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



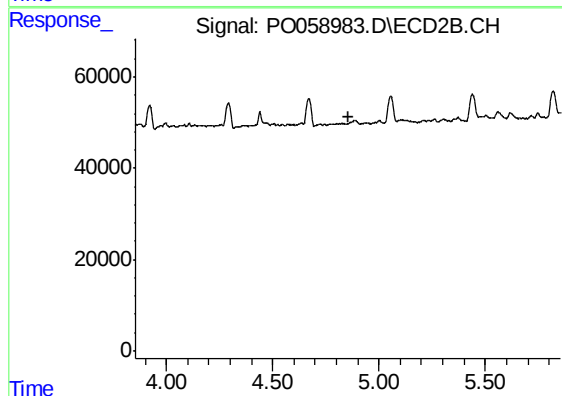
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



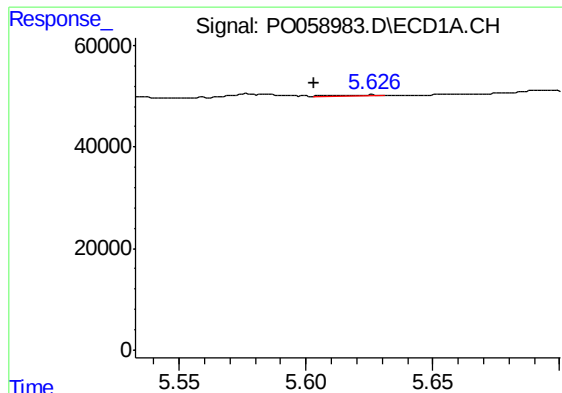
#14 AR-1232-4

R.T.: 5.523 min
Delta R.T.: 0.007 min
Response: 10933
Conc: 20.51 ng/ml



#14 AR-1232-4

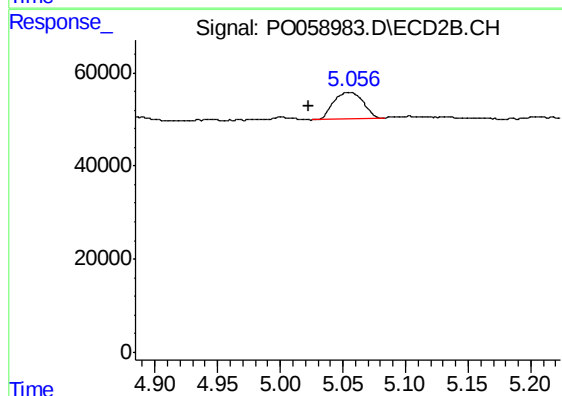
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

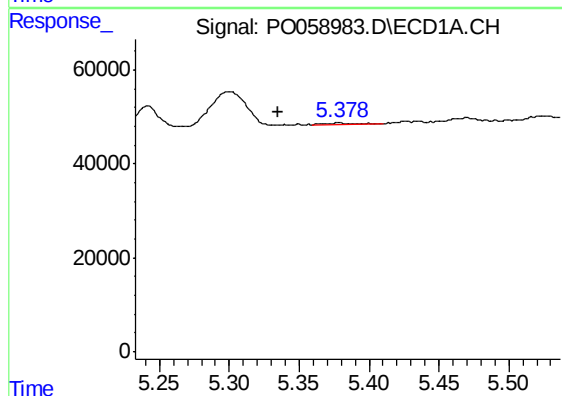
R.T.: 5.625 min
Delta R.T.: 0.022 min
Response: 3784
Conc: 9.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



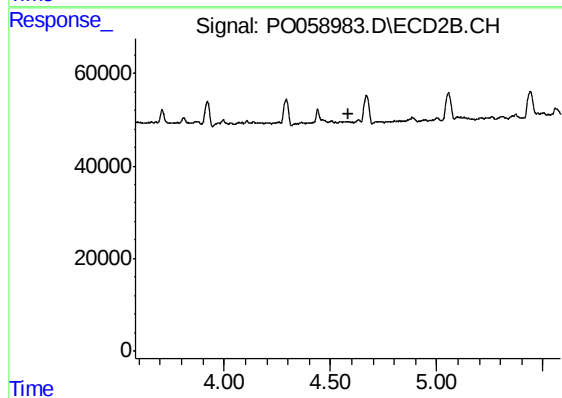
#15 AR-1232-5

R.T.: 5.055 min
Delta R.T.: 0.032 min
Response: 94927
Conc: 215.62 ng/ml



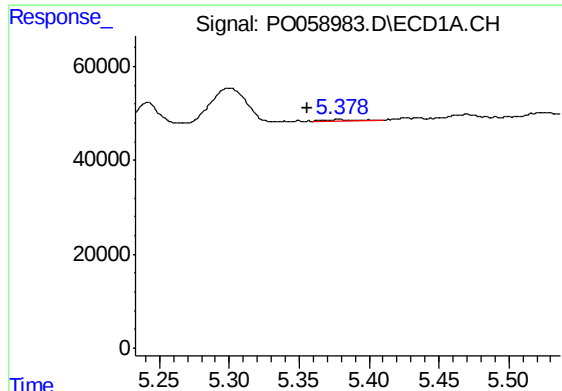
#16 AR-1242-1

R.T.: 5.378 min
Delta R.T.: 0.043 min
Response: 5334
Conc: 4.17 ng/ml



#16 AR-1242-1

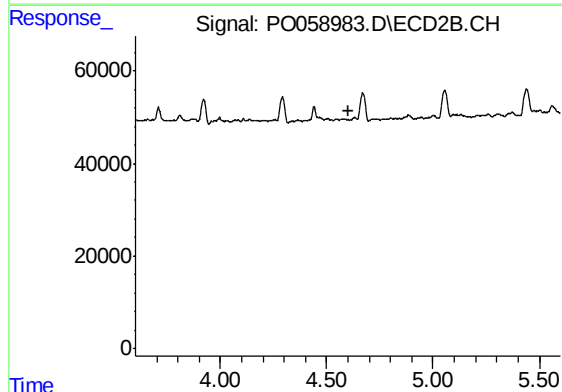
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

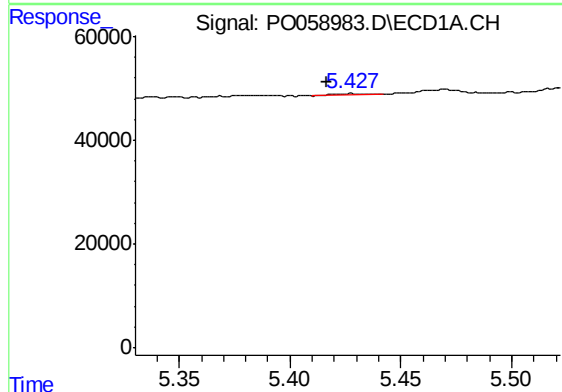
R.T.: 5.378 min
Delta R.T.: 0.022 min
Response: 5334
Conc: 2.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



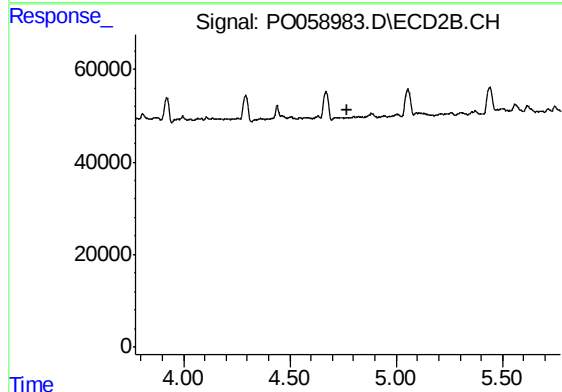
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



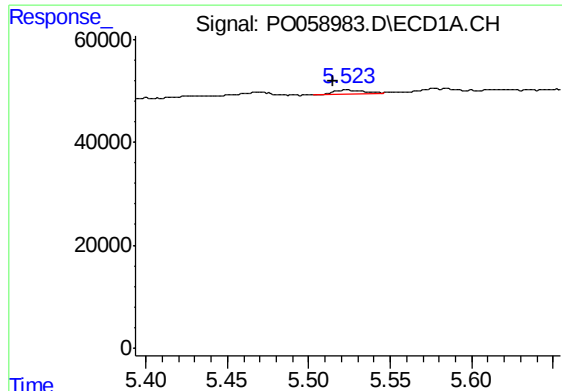
#18 AR-1242-3

R.T.: 5.427 min
Delta R.T.: 0.010 min
Response: 3075
Conc: 2.62 ng/ml



#18 AR-1242-3

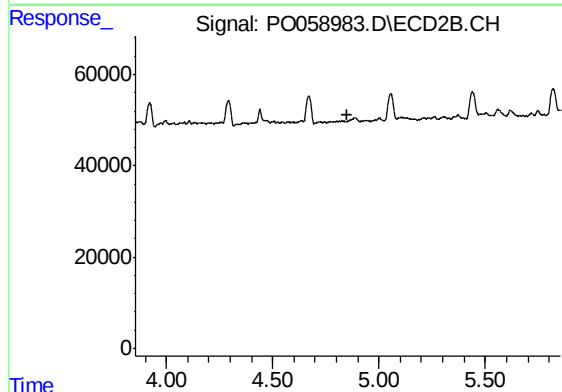
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

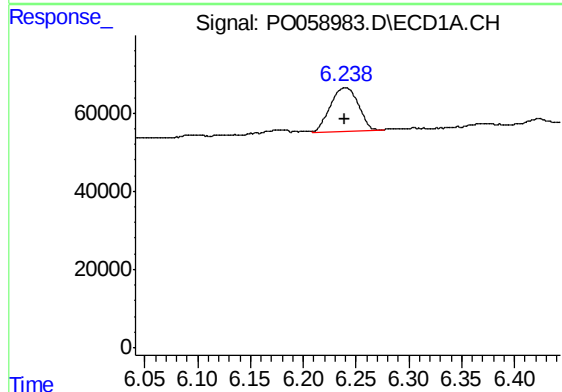
R.T.: 5.523 min
Delta R.T.: 0.008 min
Response: 10933
Conc: 11.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



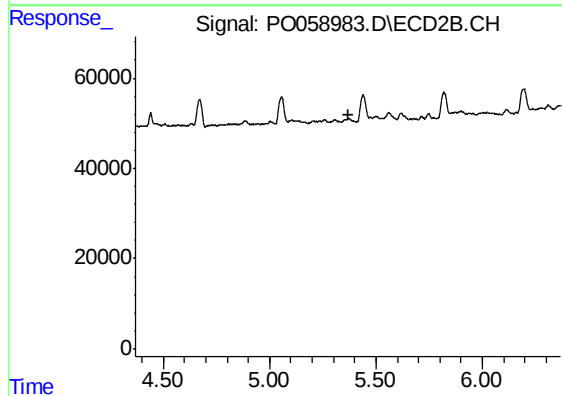
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



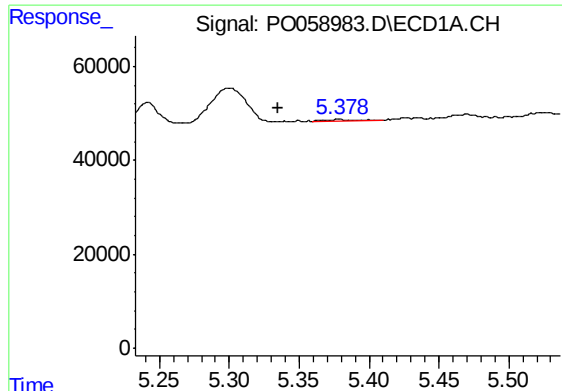
#20 AR-1242-5

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 210064
Conc: 178.84 ng/ml



#20 AR-1242-5

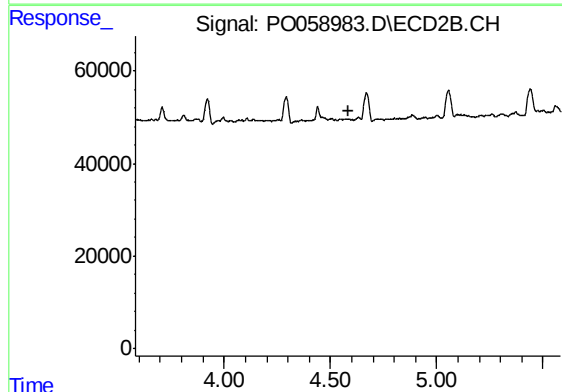
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

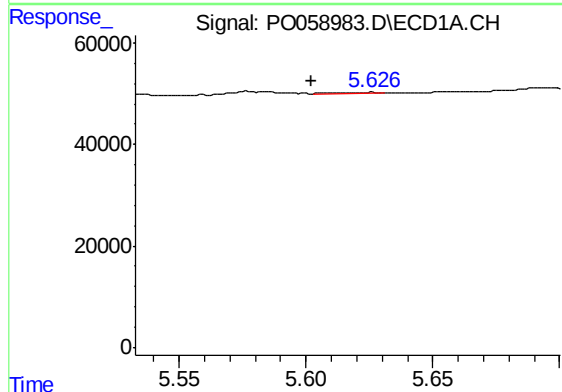
R.T.: 5.378 min
Delta R.T.: 0.043 min
Response: 5334
Conc: 5.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



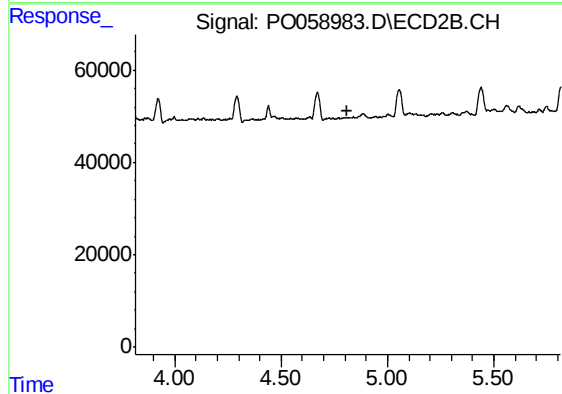
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



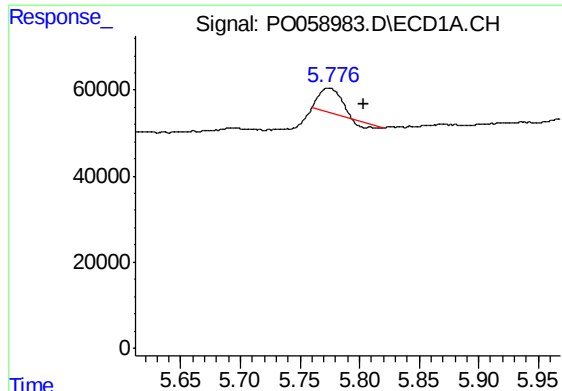
#22 AR-1248-2

R.T.: 5.625 min
Delta R.T.: 0.023 min
Response: 3784
Conc: 2.62 ng/ml



#22 AR-1248-2

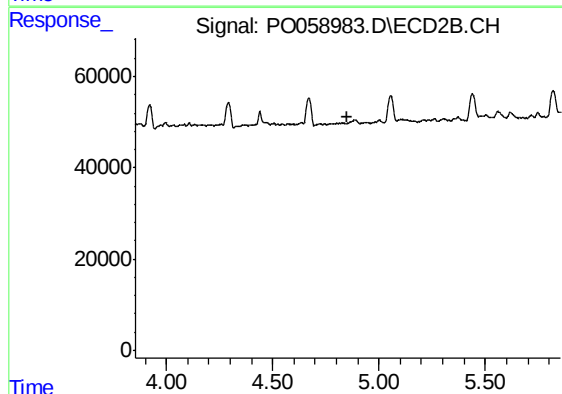
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

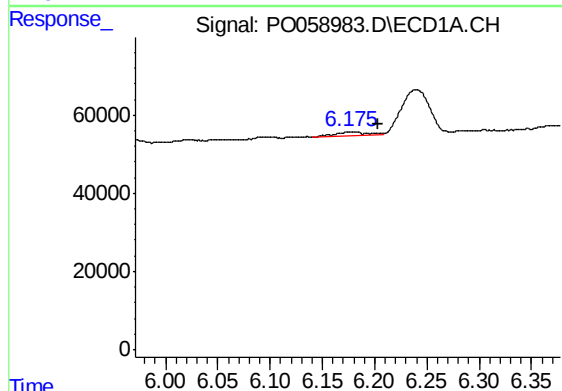
R.T.: 5.774 min
Delta R.T.: -0.029 min
Response: 58609
Conc: 35.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



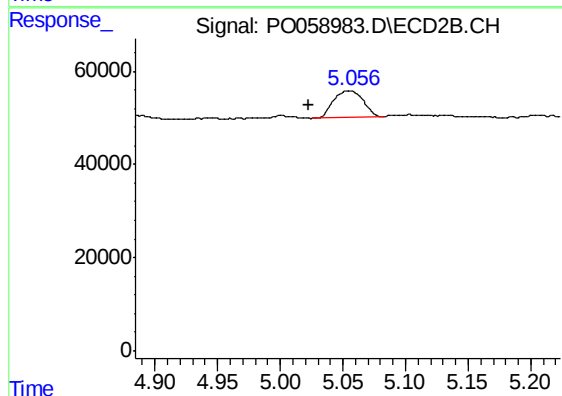
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



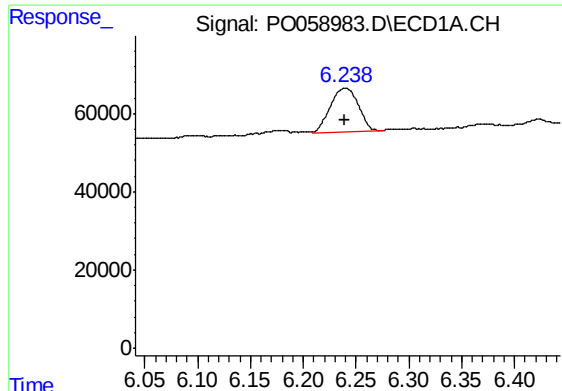
#24 AR-1248-4

R.T.: 6.176 min
Delta R.T.: -0.027 min
Response: 23246
Conc: 11.48 ng/ml



#24 AR-1248-4

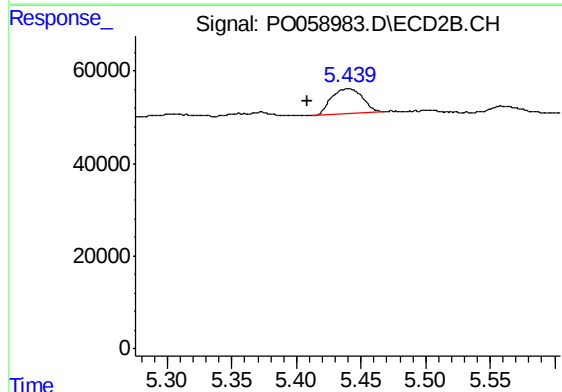
R.T.: 5.055 min
Delta R.T.: 0.032 min
Response: 94927
Conc: 67.95 ng/ml



#25 AR-1248-5

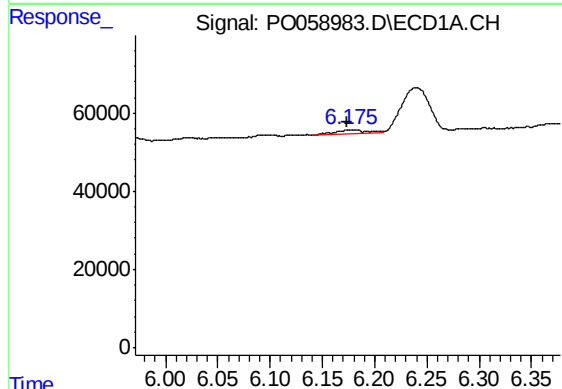
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 210064
Conc: 108.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



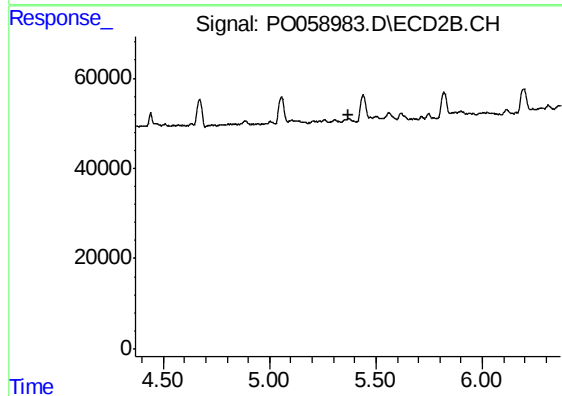
#25 AR-1248-5

R.T.: 5.440 min
Delta R.T.: 0.032 min
Response: 92974
Conc: 67.12 ng/ml



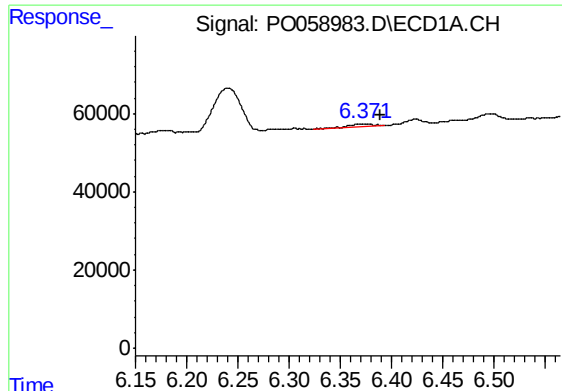
#26 AR-1254-1

R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 23246
Conc: 9.84 ng/ml



#26 AR-1254-1

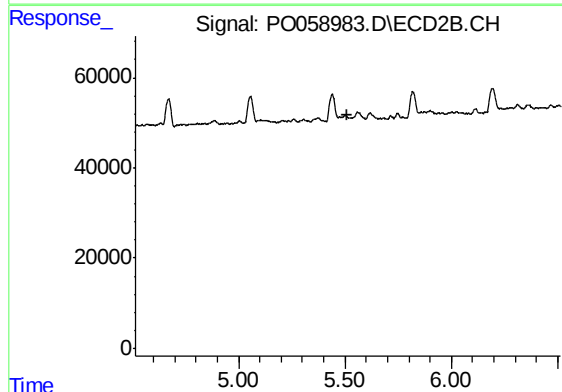
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

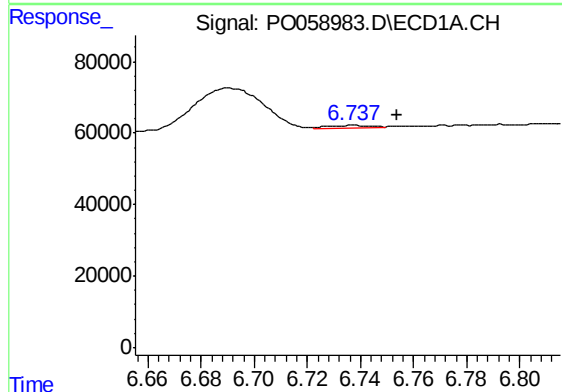
R.T.: 6.373 min
Delta R.T.: -0.016 min
Response: 10672
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



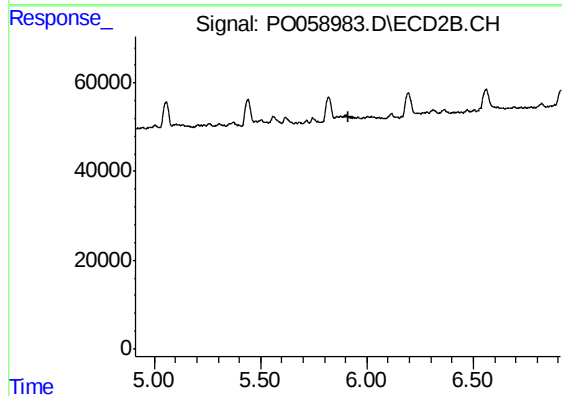
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



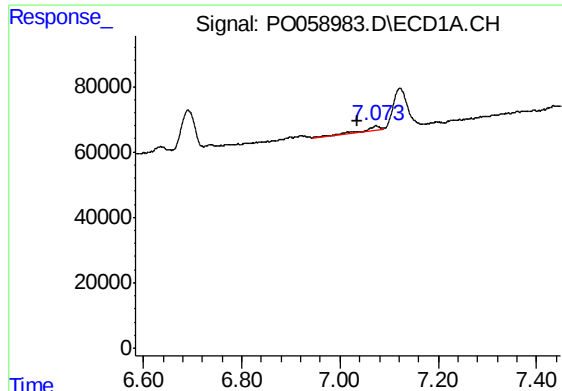
#28 AR-1254-3

R.T.: 6.736 min
Delta R.T.: -0.018 min
Response: 8151
Conc: 2.01 ng/ml



#28 AR-1254-3

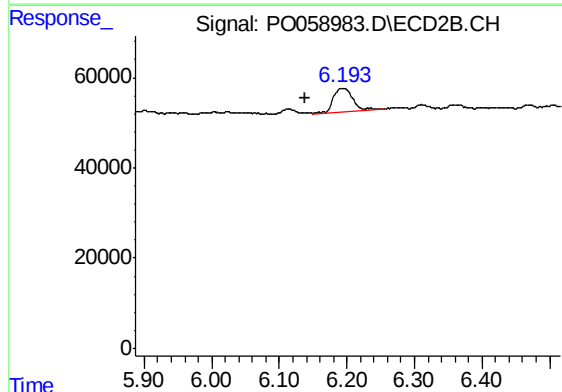
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

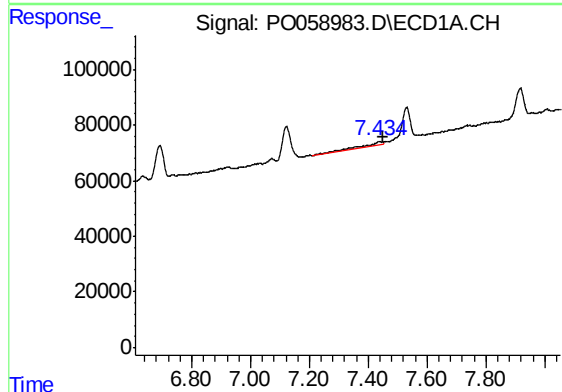
R.T.: 7.073 min
Delta R.T.: 0.037 min
Response: 32014
Conc: 8.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



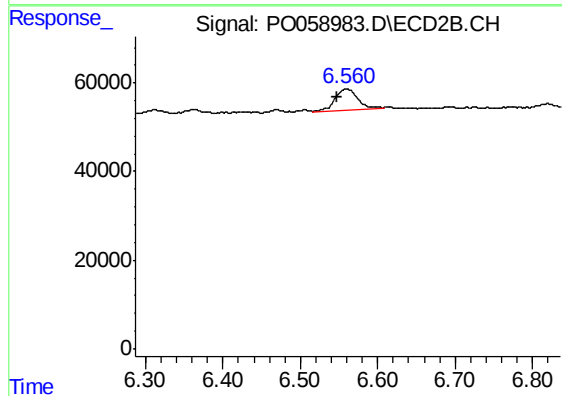
#29 AR-1254-4

R.T.: 6.192 min
Delta R.T.: 0.055 min
Response: 104208
Conc: 44.82 ng/ml



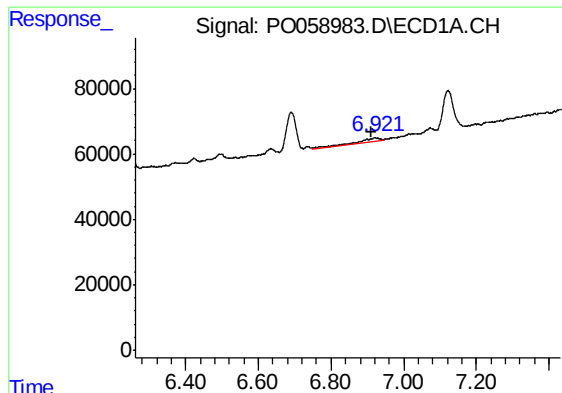
#30 AR-1254-5

R.T.: 7.437 min
Delta R.T.: -0.013 min
Response: 58027
Conc: 16.01 ng/ml



#30 AR-1254-5

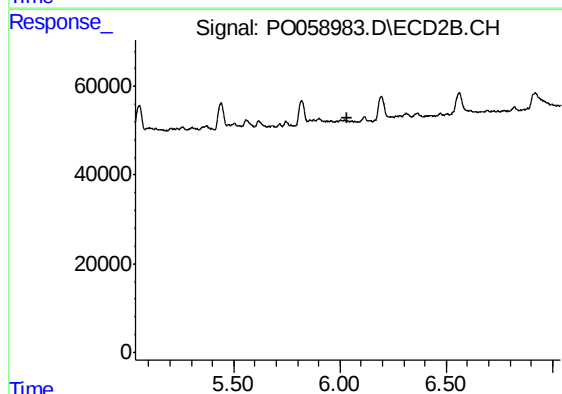
R.T.: 6.560 min
Delta R.T.: 0.012 min
Response: 93797
Conc: 27.19 ng/ml



#31 AR-1260-1

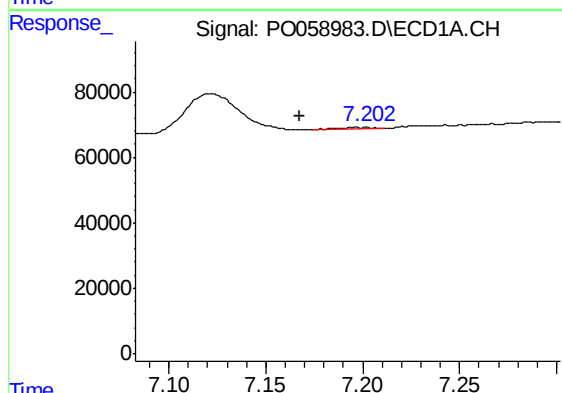
R.T.: 6.921 min
Delta R.T.: 0.009 min
Response: 35483
Conc: 12.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



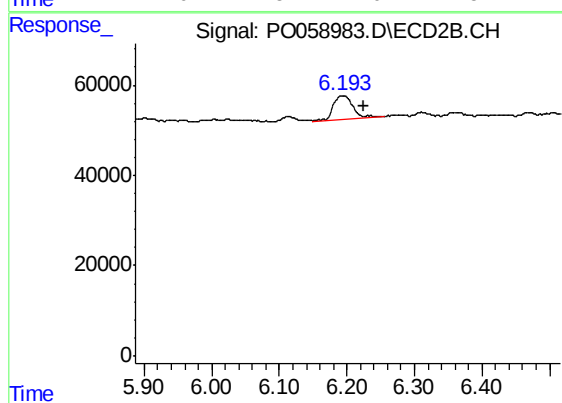
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



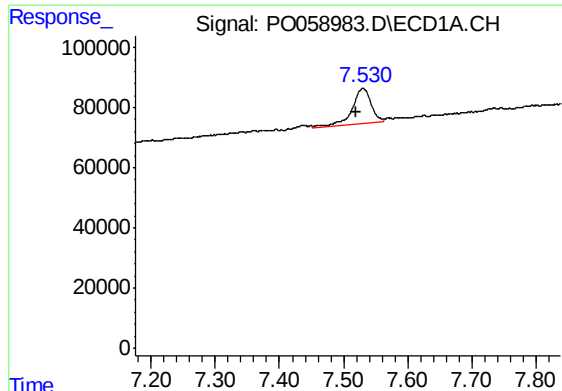
#32 AR-1260-2

R.T.: 7.202 min
Delta R.T.: 0.034 min
Response: 6601
Conc: 1.59 ng/ml



#32 AR-1260-2

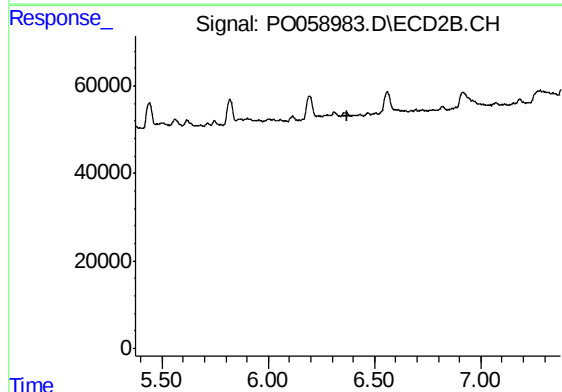
R.T.: 6.192 min
Delta R.T.: -0.032 min
Response: 104208
Conc: 34.40 ng/ml



#33 AR-1260-3

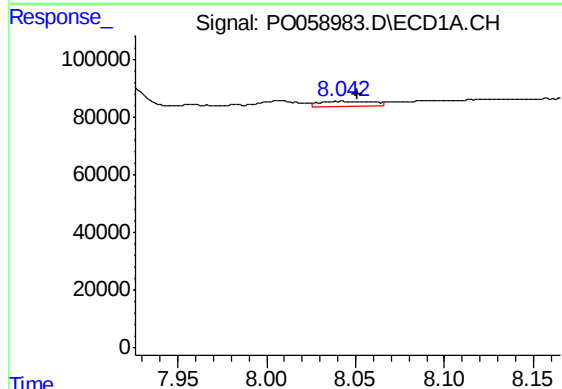
R.T.: 7.530 min
Delta R.T.: 0.010 min
Response: 244371
Conc: 65.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



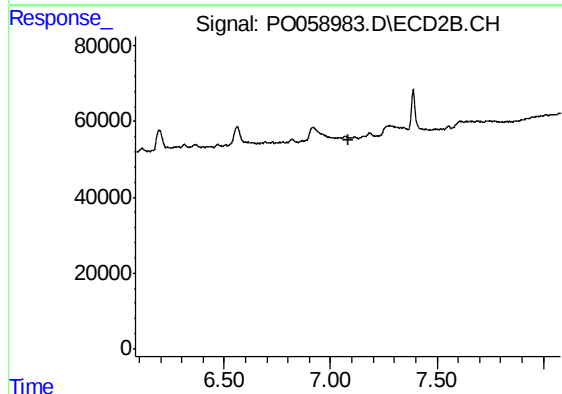
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



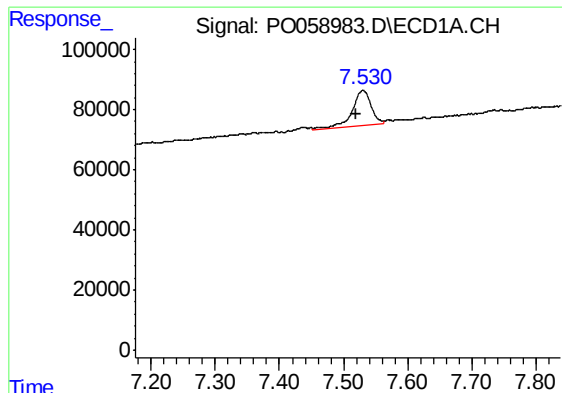
#35 AR-1260-5

R.T.: 8.043 min
Delta R.T.: -0.008 min
Response: 34633
Conc: 4.71 ng/ml



#35 AR-1260-5

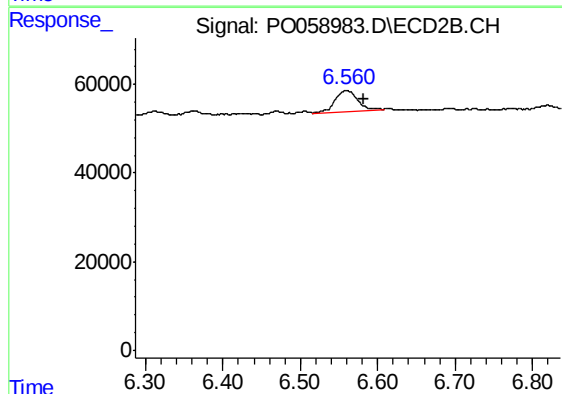
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#36 AR-1262-1

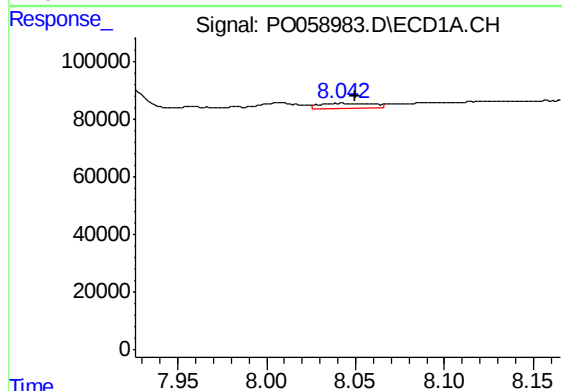
R.T.: 7.530 min
Delta R.T.: 0.011 min
Response: 244371
Conc: 48.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



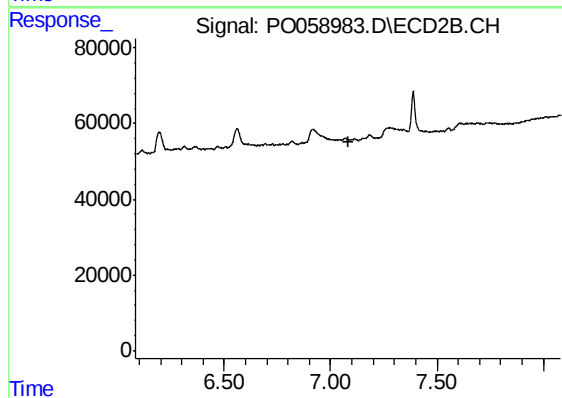
#36 AR-1262-1

R.T.: 6.560 min
Delta R.T.: -0.022 min
Response: 93797
Conc: 26.26 ng/ml



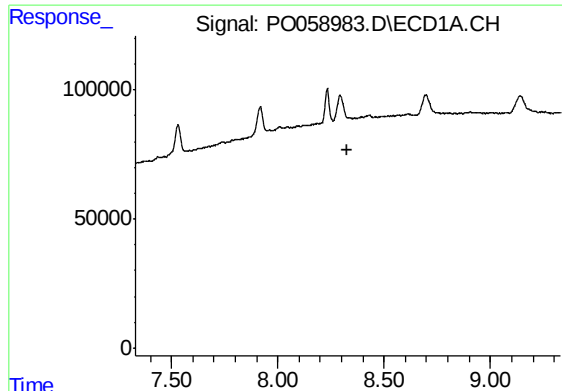
#37 AR-1262-2

R.T.: 8.043 min
Delta R.T.: -0.006 min
Response: 34633
Conc: 4.35 ng/ml



#37 AR-1262-2

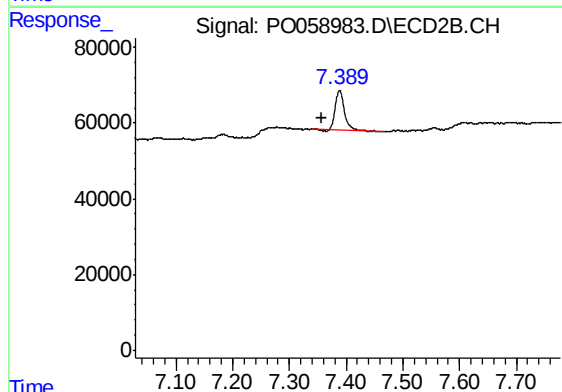
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#38 AR-1262-3

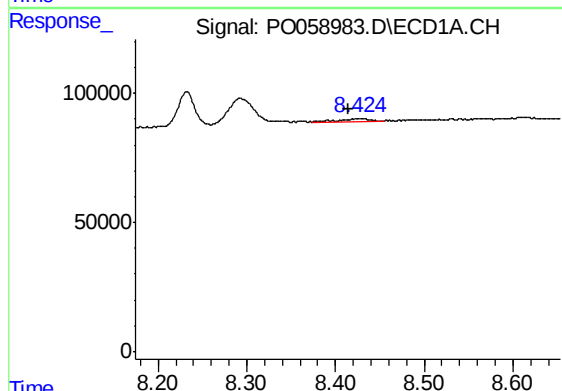
R.T.: 0.000 min
Exp R.T.: 8.330 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HA-22



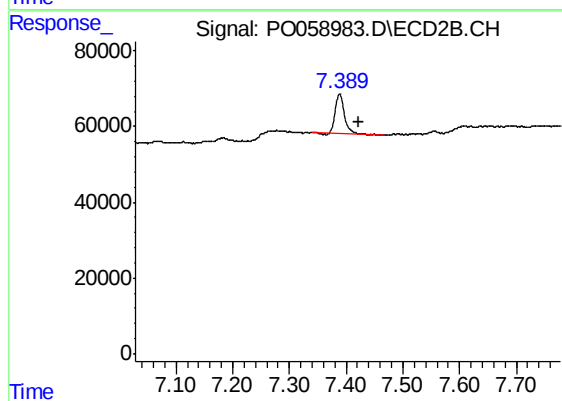
#38 AR-1262-3

R.T.: 7.389 min
Delta R.T.: 0.032 min
Response: 117340
Conc: 47.54 ng/ml



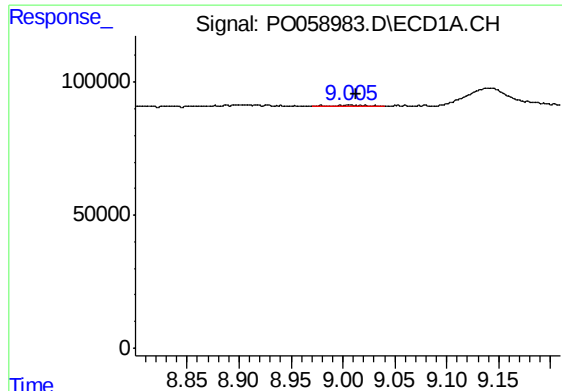
#39 AR-1262-4

R.T.: 8.428 min
Delta R.T.: 0.013 min
Response: 24013
Conc: 6.34 ng/ml



#39 AR-1262-4

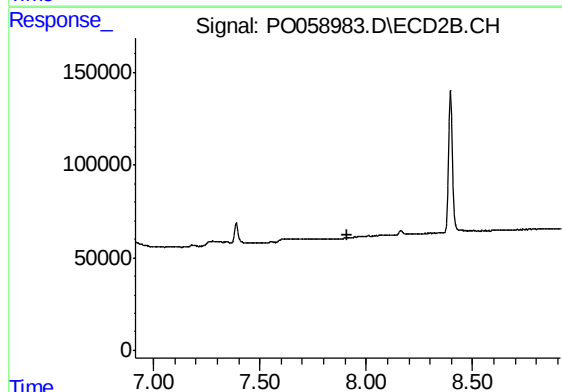
R.T.: 7.389 min
Delta R.T.: -0.034 min
Response: 117340
Conc: 27.63 ng/ml



#40 AR-1262-5

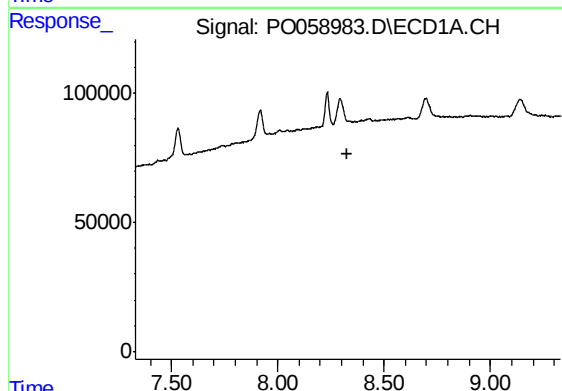
R.T.: 9.006 min
Delta R.T.: -0.007 min
Response: 9664
Conc: 4.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



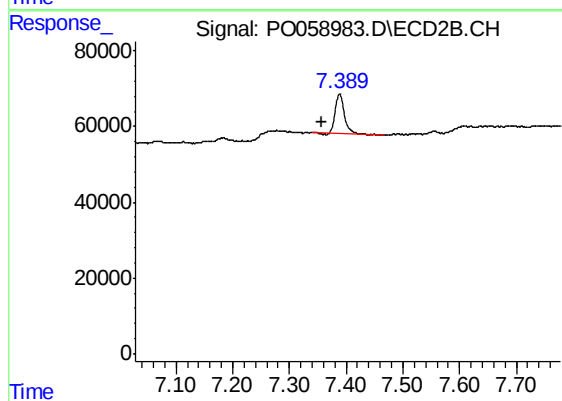
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



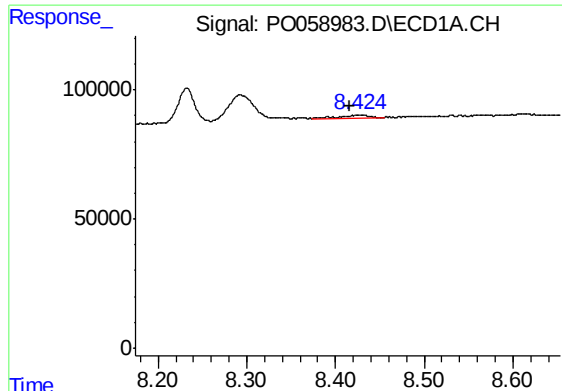
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.330 min
Response: 0
Conc: N.D.



#41 AR-1268-1

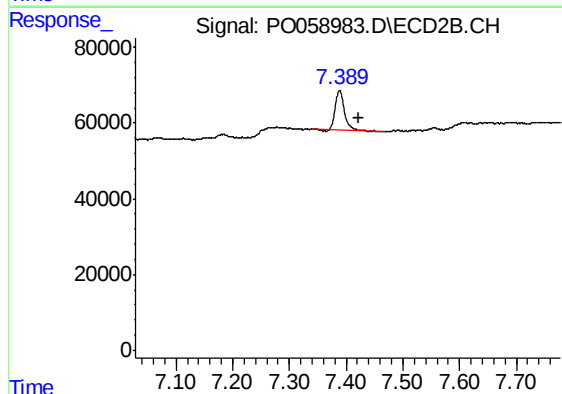
R.T.: 7.389 min
Delta R.T.: 0.032 min
Response: 117340
Conc: 14.41 ng/ml



#42 AR-1268-2

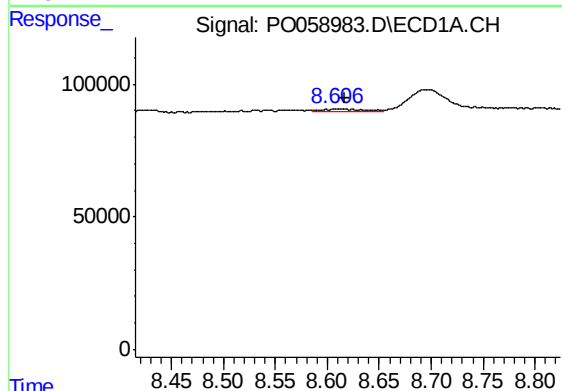
R.T.: 8.428 min
Delta R.T.: 0.011 min
Response: 24013
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



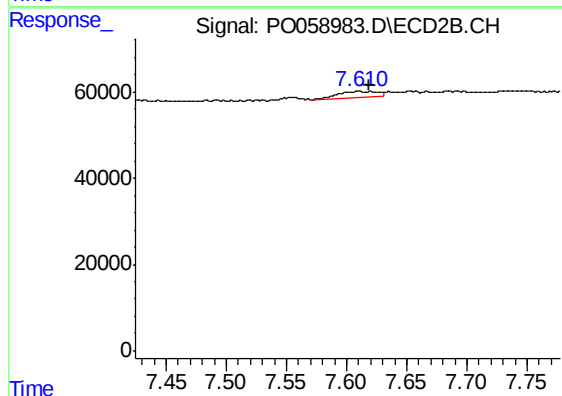
#42 AR-1268-2

R.T.: 7.389 min
Delta R.T.: -0.034 min
Response: 117340
Conc: 15.49 ng/ml



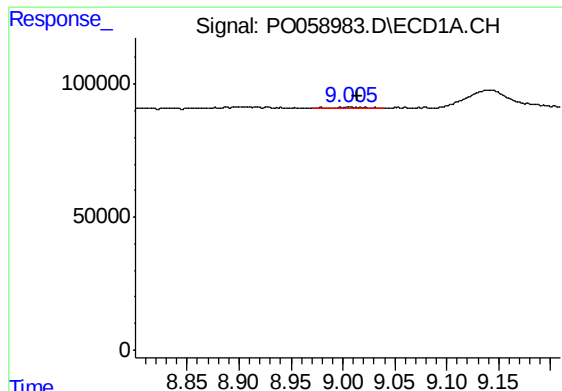
#43 AR-1268-3

R.T.: 8.610 min
Delta R.T.: -0.007 min
Response: 24450
Conc: 2.96 ng/ml



#43 AR-1268-3

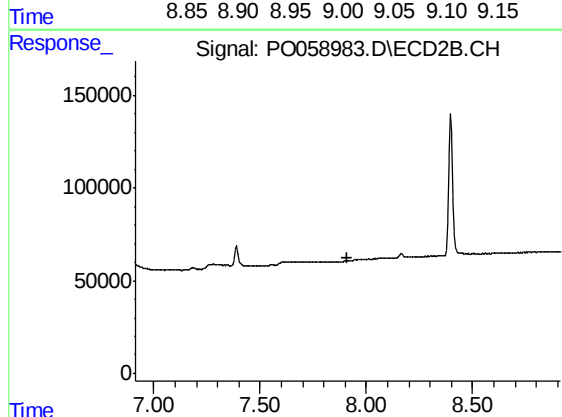
R.T.: 7.610 min
Delta R.T.: -0.009 min
Response: 30599
Conc: 4.79 ng/ml



#44 AR-1268-4

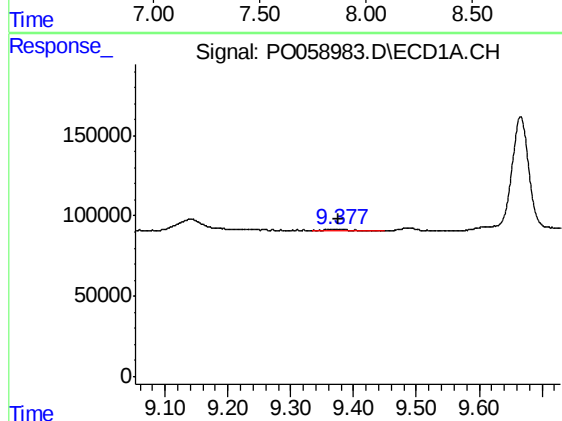
R.T.: 9.006 min
Delta R.T.: -0.007 min
Response: 9664
Conc: 3.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-22



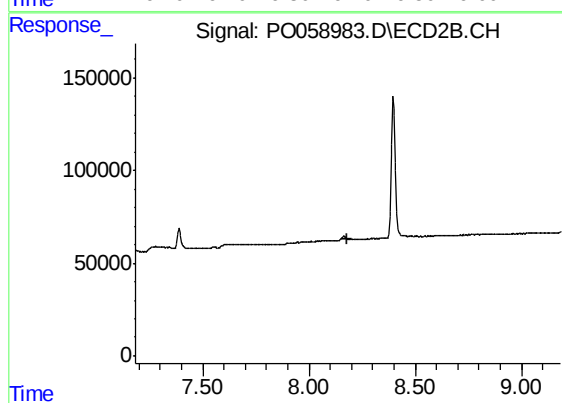
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: 0.005 min
Response: 31881
Conc: 1.48 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.