

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
 Data File : P0059284.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Aug 2019 16:21
 Operator : SM/SJ
 Sample : K4341-09 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HA-48

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 18:44:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 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...	4.146	3.511	161457	131034	3.826	3.280
2)	SA Decachlor...	9.642	8.385	206959	140763	3.822	3.566
Target Compounds							
3)	L1 AR-1016-1	5.332	0.000	6369	0	3.399	N.D. #
4)	L1 AR-1016-2	5.371	0.000	19225	0	6.987	N.D. #
5)	L1 AR-1016-3	5.430	0.000	10787	0	6.353	N.D. #
6)	L1 AR-1016-4	5.525	0.000	4805	0	3.434	N.D. #
7)	L1 AR-1016-5	5.803	0.000	3959	0	2.764	N.D. #
9)	L2 AR-1221-2	4.526	0.000	9075	0	26.320	N.D. #
10)	L2 AR-1221-3	4.526	0.000	9075	0	8.275	N.D. #
11)	L3 AR-1232-1	4.526	0.000	9075	0	10.052	N.D. #
12)	L3 AR-1232-2	5.060	0.000	4575	0	9.301	N.D. #
13)	L3 AR-1232-3	5.371	0.000	19225	0	17.955	N.D. #
14)	L3 AR-1232-4	5.525	4.915	4805	62659	9.013	158.522 #
15)	L3 AR-1232-5	5.595	0.000	30787	0	75.447	N.D. #
16)	L4 AR-1242-1	5.332	0.000	6369	0	4.974	N.D. #
17)	L4 AR-1242-2	5.371	0.000	19225	0	10.163	N.D. #
18)	L4 AR-1242-3	5.430	0.000	10787	0	9.196	N.D. #
19)	L4 AR-1242-4	5.525	4.915	4805	62659	5.000	77.450 #
20)	L4 AR-1242-5	6.196	0.000	12078	0	10.283	N.D. #
21)	L5 AR-1248-1	5.332	0.000	6369	0	6.300	N.D. #
22)	L5 AR-1248-2	5.595	0.000	30787	0	21.297	N.D. #
23)	L5 AR-1248-3	5.803	4.915	3959	62659	2.410	55.053 #
24)	L5 AR-1248-4	6.196	0.000	12078	0	5.964	N.D. #
25)	L5 AR-1248-5	6.196	0.000	12078	0	6.257	N.D. #
26)	L6 AR-1254-1	6.196	0.000	12078	0	5.115	N.D. #
27)	L6 AR-1254-2	6.415	0.000	9046	0	2.347	N.D. #
28)	L6 AR-1254-3	6.717	0.000	8725	0	2.154	N.D. #
29)	L6 AR-1254-4	7.024	6.173	14816	244506	4.115	105.154 #
30)	L6 AR-1254-5	7.451	0.000	13512	0	3.728	N.D. #
31)	L7 AR-1260-1	6.919	0.000	3777	0	1.312	N.D. #
32)	L7 AR-1260-2	7.216	6.268	34917	23634	8.393	7.802
33)	L7 AR-1260-3	7.490	0.000	6404	0	1.720	N.D. #
34)	L7 AR-1260-4	7.754	0.000	28370	0	8.325	N.D. #
35)	L7 AR-1260-5	8.052	7.042	4625	72868	0.629	13.531 #
36)	L8 AR-1262-1	7.490	0.000	6404	0	1.271	N.D. #
37)	L8 AR-1262-2	8.052	7.042	4625	72868	0.581	12.906 #
38)	L8 AR-1262-3	8.318	7.400	88992	232415	17.506	94.169 #
39)	L8 AR-1262-4	8.400	7.436	22188	8855	5.855	2.086 #
40)	L8 AR-1262-5	9.047	0.000	3025	0	1.317	N.D. #
41)	L9 AR-1268-1	8.318	7.400	88992	232415	7.967	28.535 #
42)	L9 AR-1268-2	8.400	7.436	22188	8855	2.362	1.169 #
43)	L9 AR-1268-3	8.637	7.653	32301	22003	3.911	3.442

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 Misc :
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Instrument :
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 ClientSampleId :
 HA-48

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 18:44:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
44) L9	AR-1268-4	9.047	0.000	3025	0	1.012	N.D.	#
45) L9	AR-1268-5	9.392	8.210	7991	43961	0.372	2.565	#

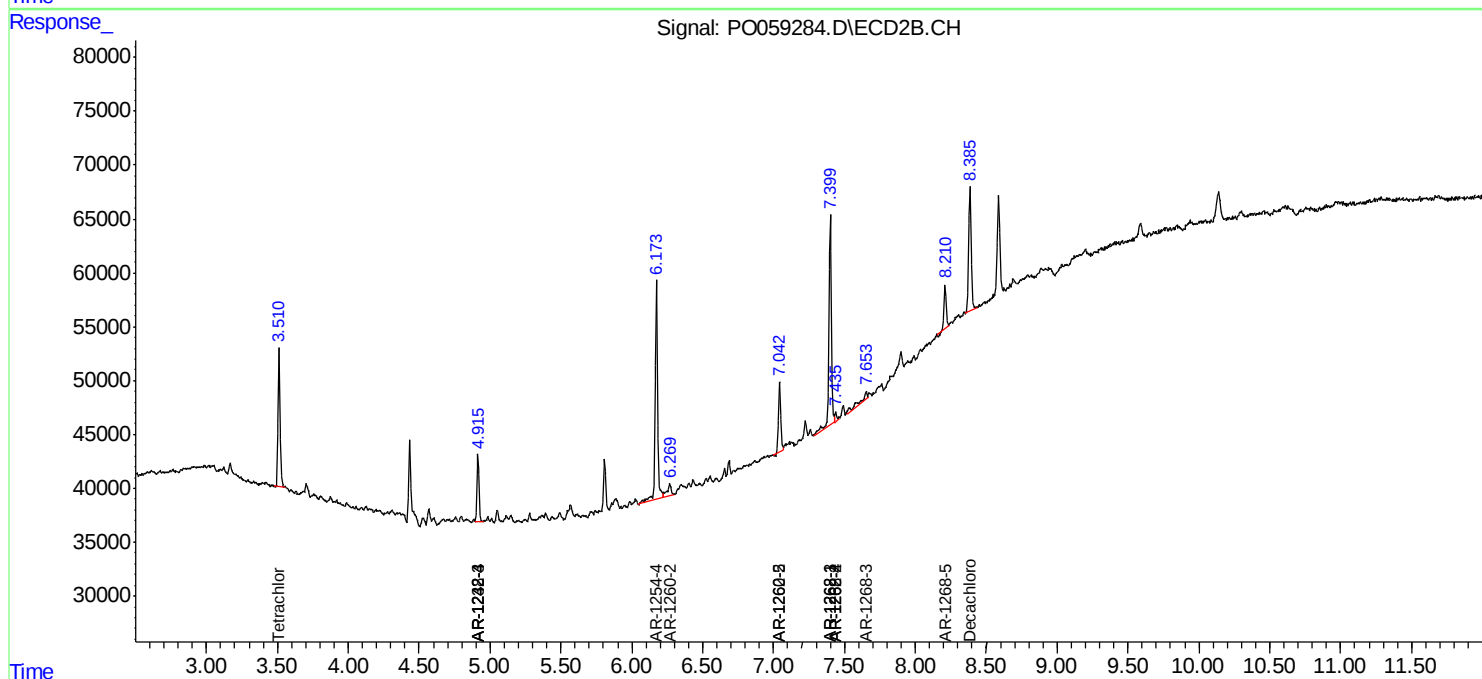
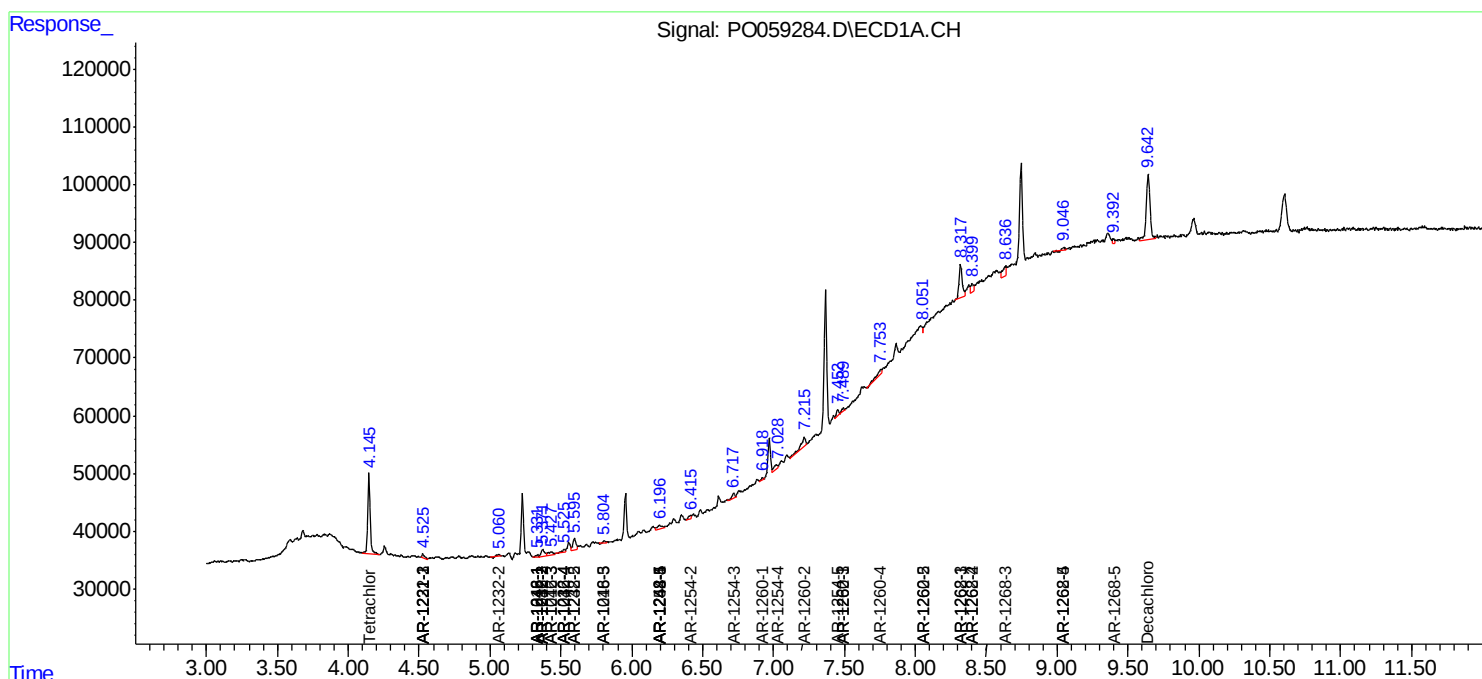
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

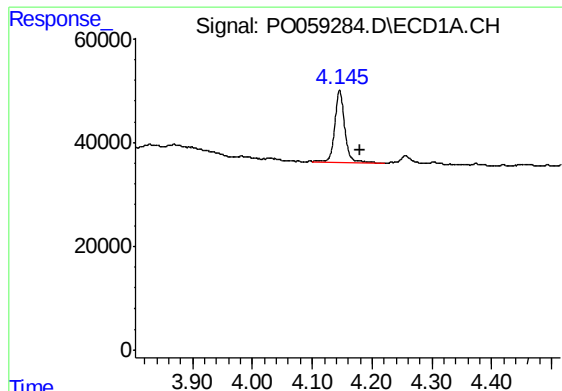
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081419\
Data File : PO059284.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Aug 2019 16:21
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Sample : K4341-09 5X
Misc :
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Instrument :
ECD_O
ClientSampled :
HA-48

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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

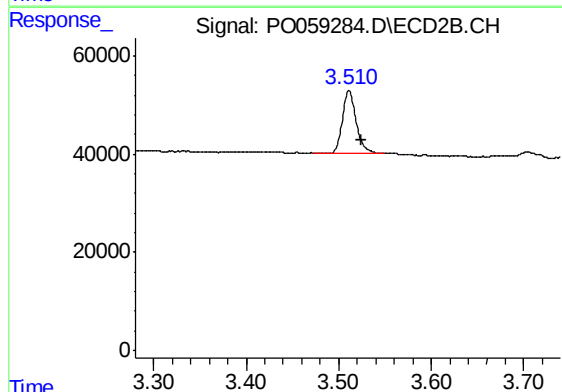




#1 Tetrachloro-m-xylene

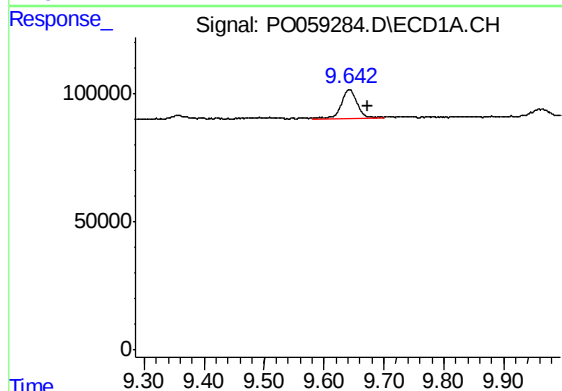
R.T.: 4.146 min
Delta R.T.: -0.033 min
Response: 161457
Conc: 3.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



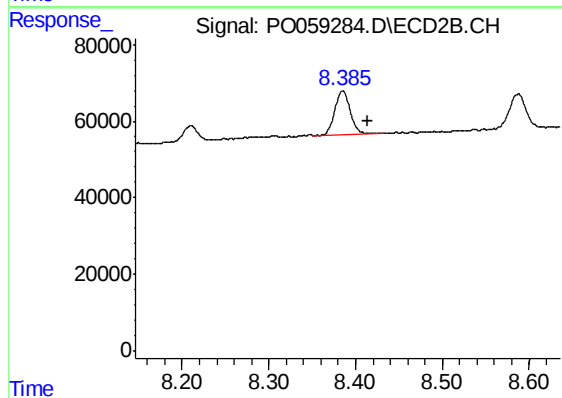
#1 Tetrachloro-m-xylene

R.T.: 3.511 min
Delta R.T.: -0.014 min
Response: 131034
Conc: 3.28 ng/ml



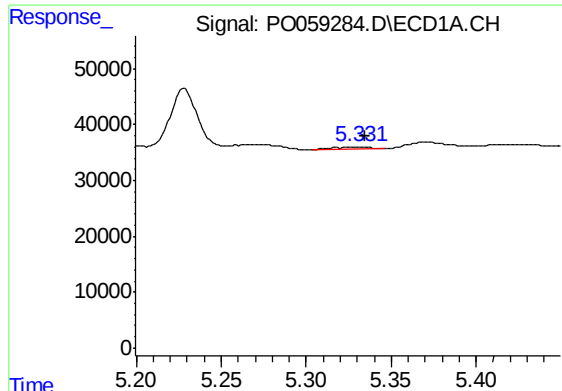
#2 Decachlorobiphenyl

R.T.: 9.642 min
Delta R.T.: -0.030 min
Response: 206959
Conc: 3.82 ng/ml



#2 Decachlorobiphenyl

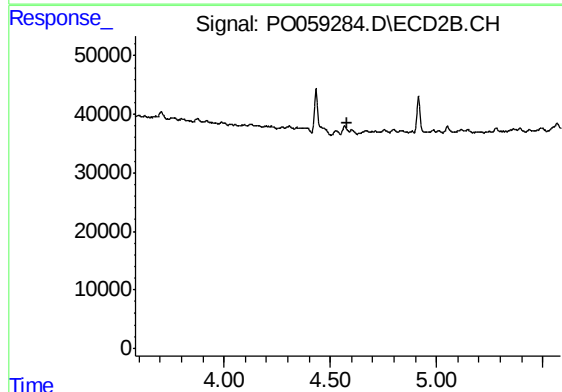
R.T.: 8.385 min
Delta R.T.: -0.029 min
Response: 140763
Conc: 3.57 ng/ml



#3 AR-1016-1

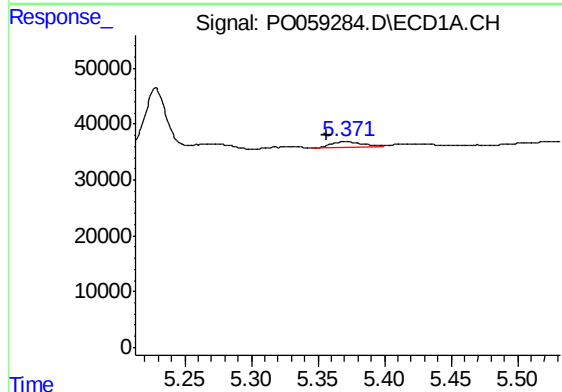
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 6369
Conc: 3.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



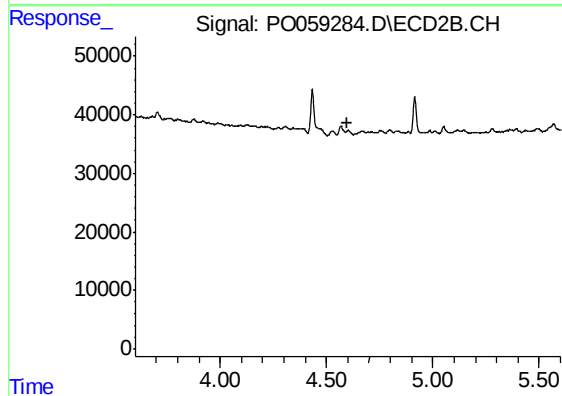
#3 AR-1016-1

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



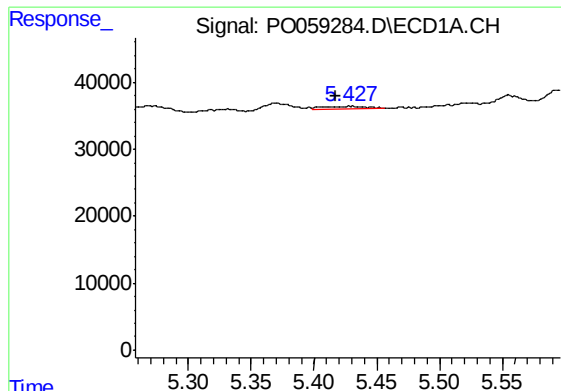
#4 AR-1016-2

R.T.: 5.371 min
Delta R.T.: 0.014 min
Response: 19225
Conc: 6.99 ng/ml



#4 AR-1016-2

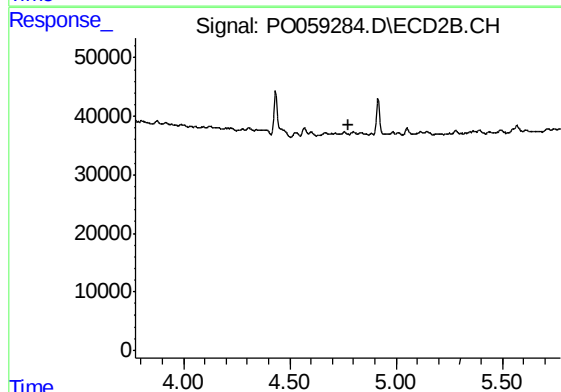
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

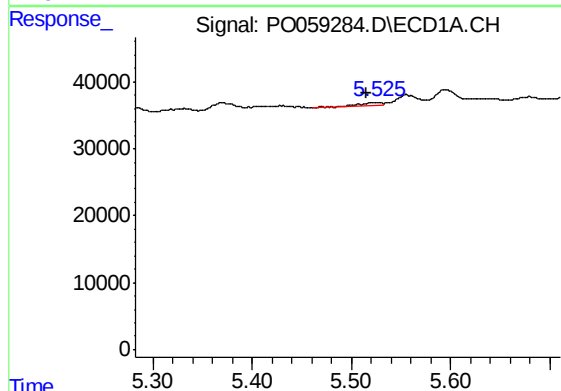
R.T.: 5.430 min
Delta R.T.: 0.013 min
Response: 10787
Conc: 6.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



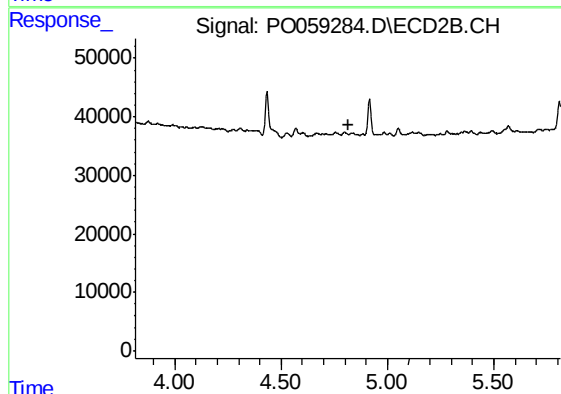
#5 AR-1016-3

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



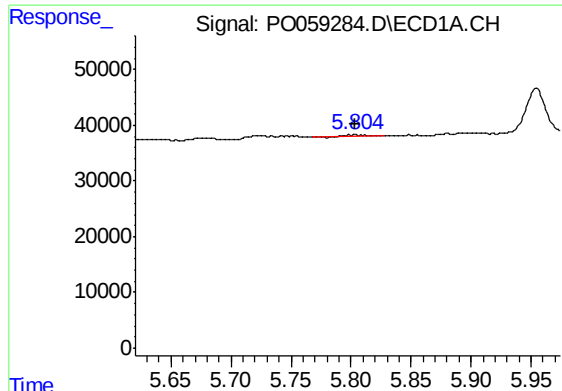
#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: 0.010 min
Response: 4805
Conc: 3.43 ng/ml



#6 AR-1016-4

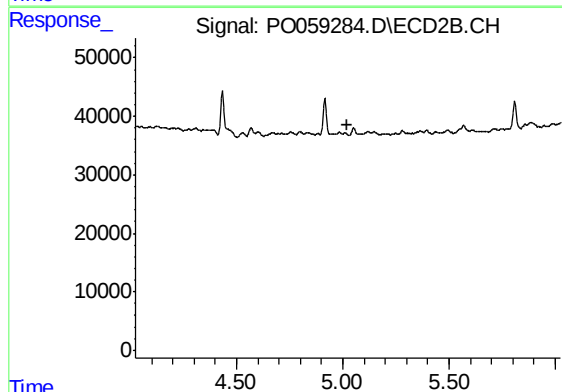
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

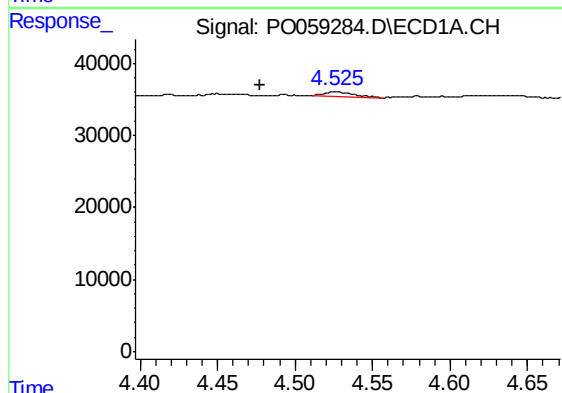
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 3959
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



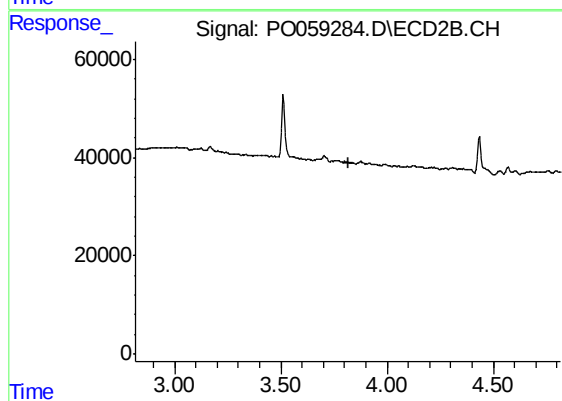
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



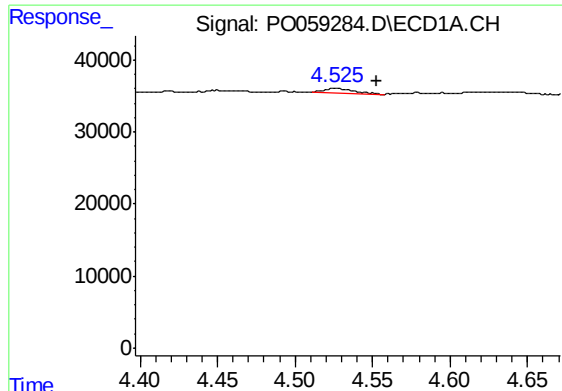
#9 AR-1221-2

R.T.: 4.526 min
Delta R.T.: 0.049 min
Response: 9075
Conc: 26.32 ng/ml



#9 AR-1221-2

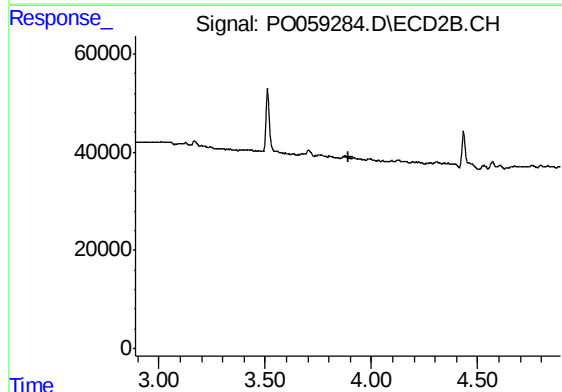
R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

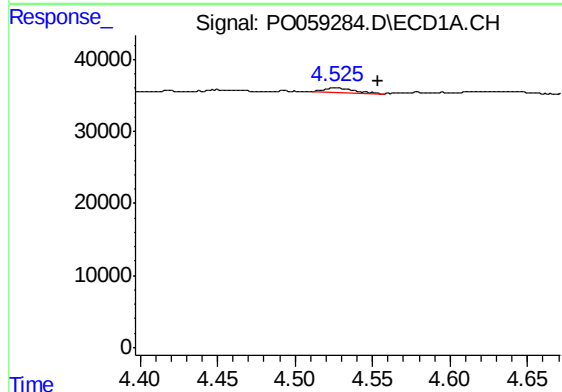
R.T.: 4.526 min
Delta R.T.: -0.027 min
Response: 9075
Conc: 8.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



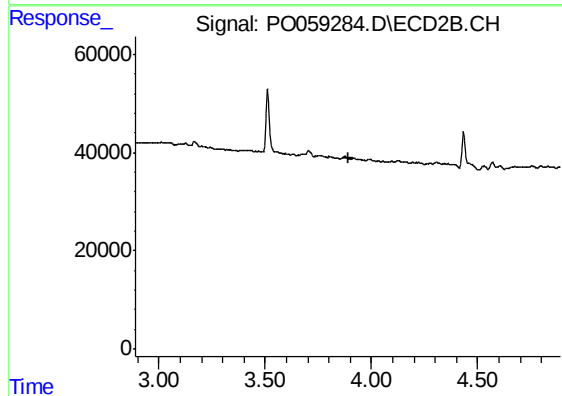
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



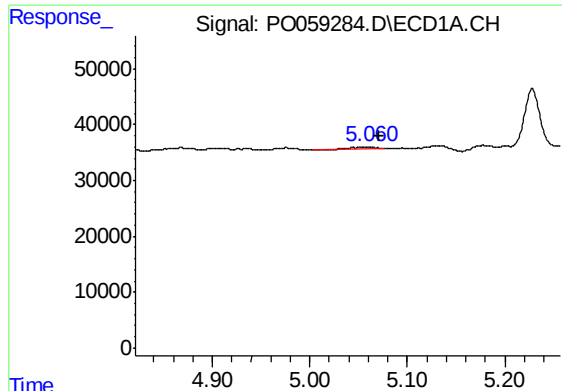
#11 AR-1232-1

R.T.: 4.526 min
Delta R.T.: -0.027 min
Response: 9075
Conc: 10.05 ng/ml



#11 AR-1232-1

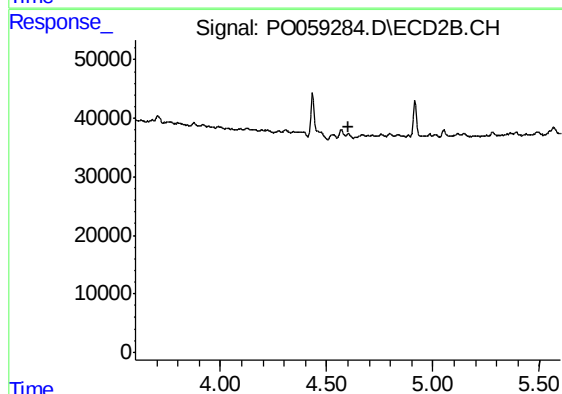
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#12 AR-1232-2

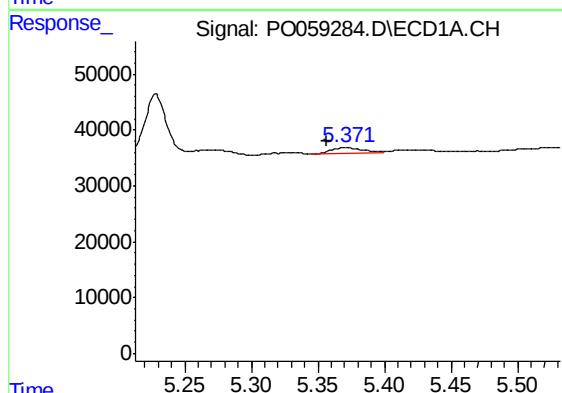
R.T.: 5.060 min
Delta R.T.: -0.012 min
Response: 4575
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



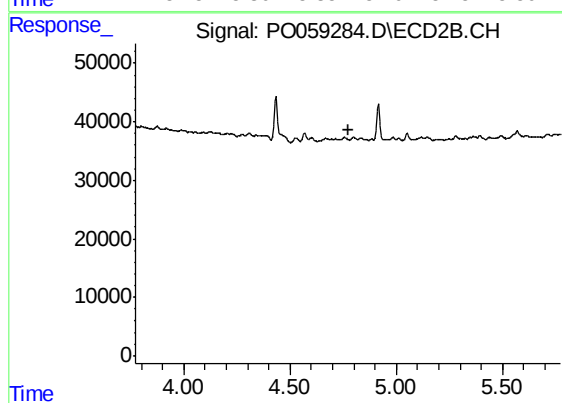
#12 AR-1232-2

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



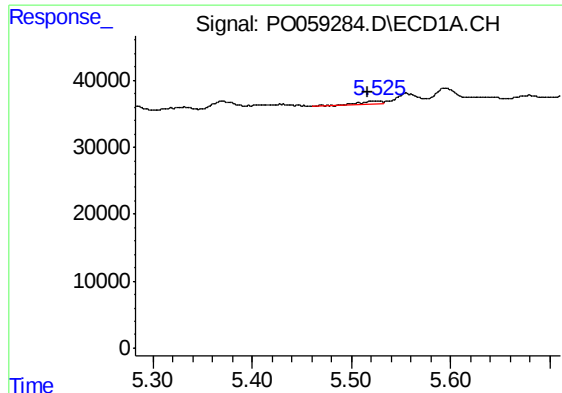
#13 AR-1232-3

R.T.: 5.371 min
Delta R.T.: 0.014 min
Response: 19225
Conc: 17.95 ng/ml



#13 AR-1232-3

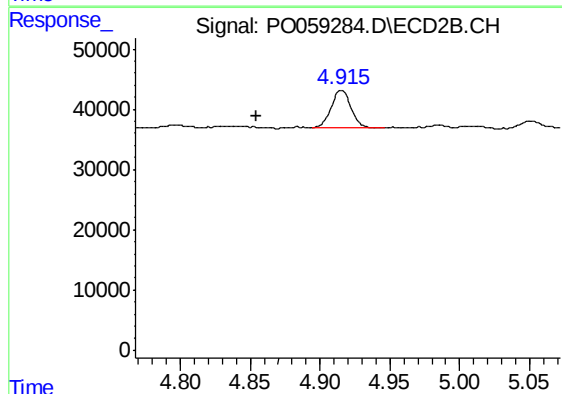
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#14 AR-1232-4

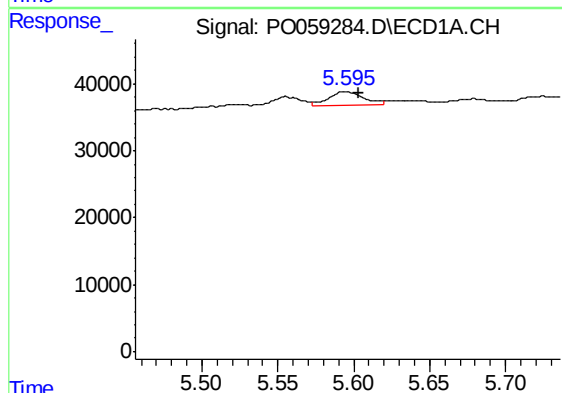
R.T.: 5.525 min
Delta R.T.: 0.009 min
Response: 4805
Conc: 9.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



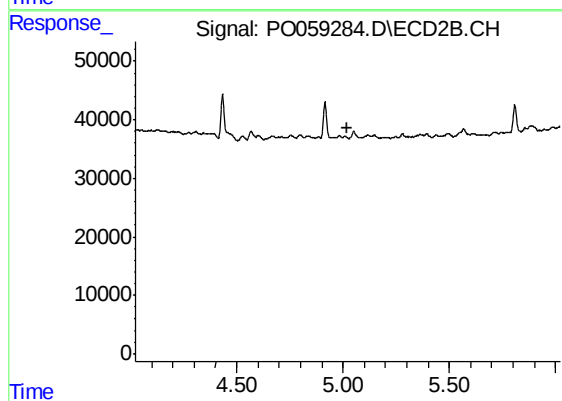
#14 AR-1232-4

R.T.: 4.915 min
Delta R.T.: 0.061 min
Response: 62659
Conc: 158.52 ng/ml



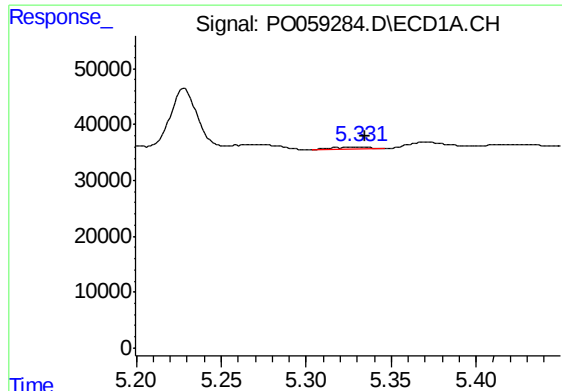
#15 AR-1232-5

R.T.: 5.595 min
Delta R.T.: -0.009 min
Response: 30787
Conc: 75.45 ng/ml



#15 AR-1232-5

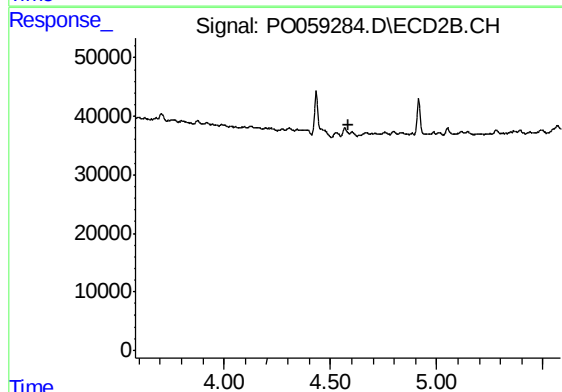
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#16 AR-1242-1

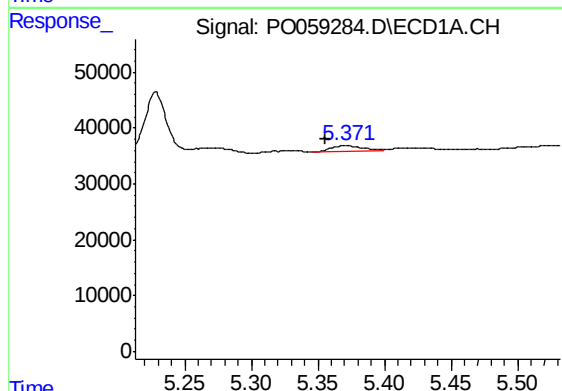
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 6369
Conc: 4.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



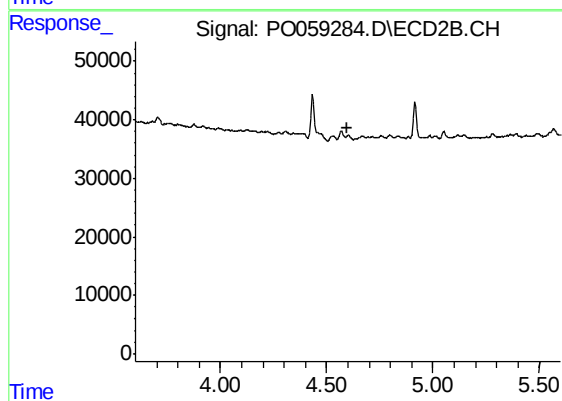
#16 AR-1242-1

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



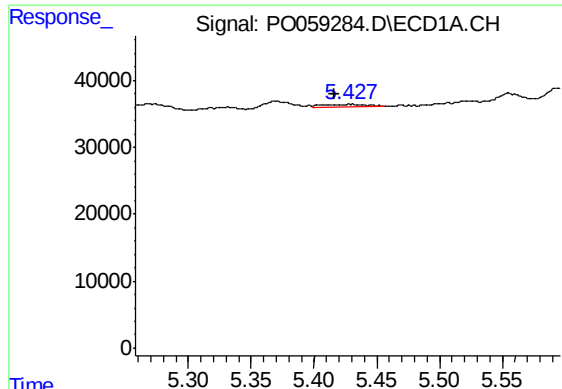
#17 AR-1242-2

R.T.: 5.371 min
Delta R.T.: 0.015 min
Response: 19225
Conc: 10.16 ng/ml



#17 AR-1242-2

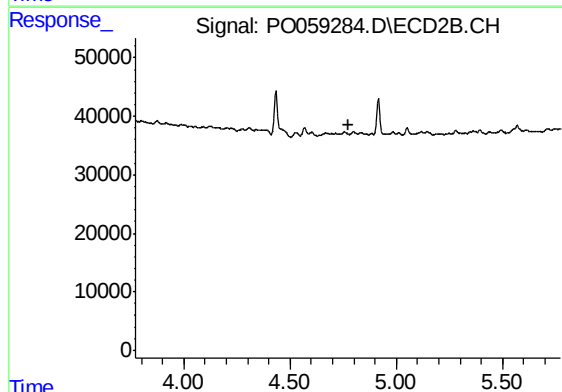
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#18 AR-1242-3

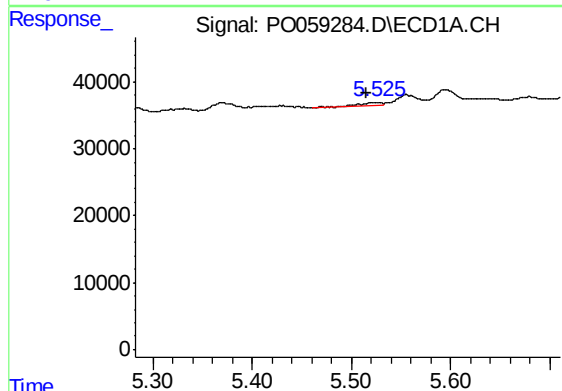
R.T.: 5.430 min
Delta R.T.: 0.013 min
Response: 10787
Conc: 9.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



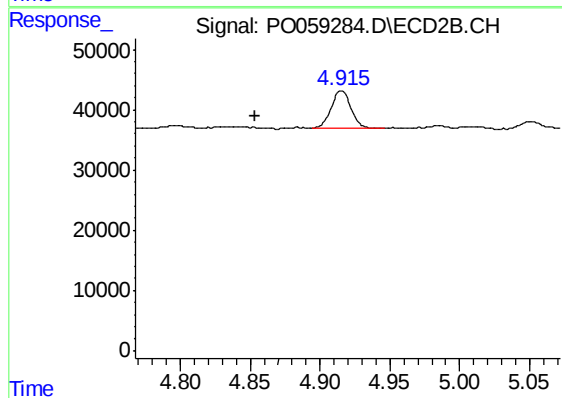
#18 AR-1242-3

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



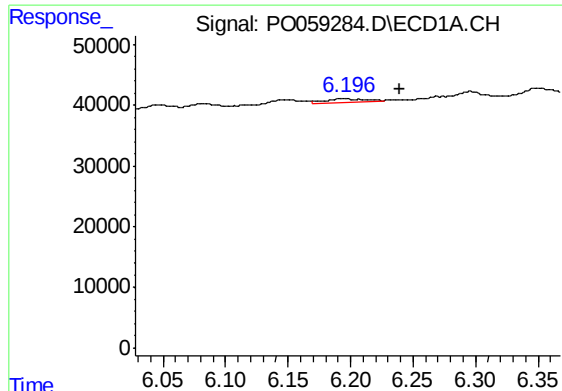
#19 AR-1242-4

R.T.: 5.525 min
Delta R.T.: 0.010 min
Response: 4805
Conc: 5.00 ng/ml



#19 AR-1242-4

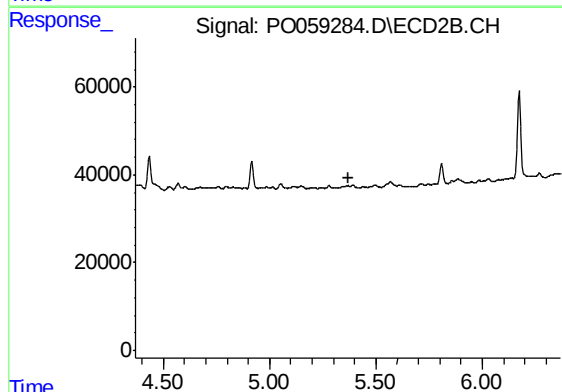
R.T.: 4.915 min
Delta R.T.: 0.062 min
Response: 62659
Conc: 77.45 ng/ml



#20 AR-1242-5

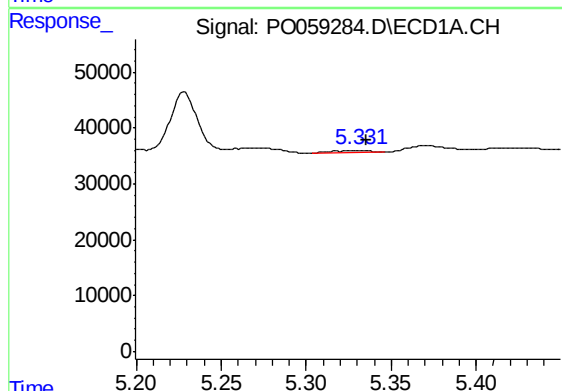
R.T.: 6.196 min
Delta R.T.: -0.044 min
Response: 12078
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



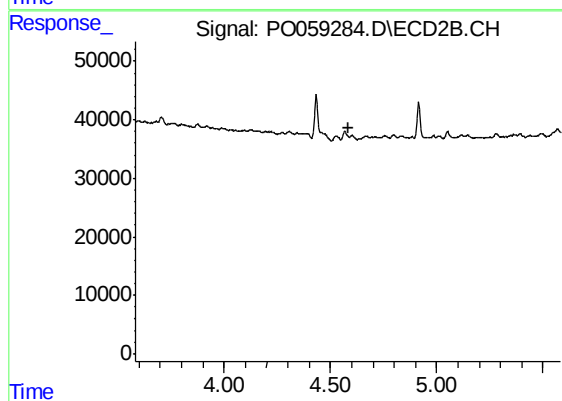
#20 AR-1242-5

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



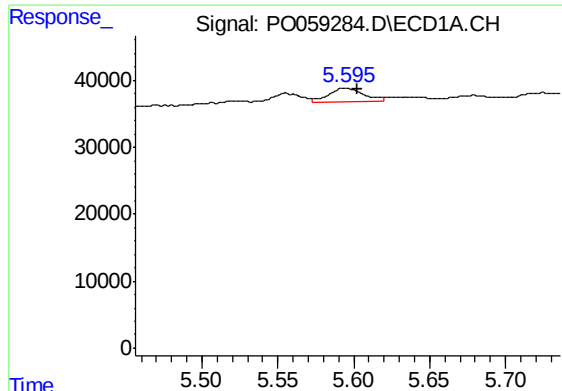
#21 AR-1248-1

R.T.: 5.332 min
Delta R.T.: -0.004 min
Response: 6369
Conc: 6.30 ng/ml



#21 AR-1248-1

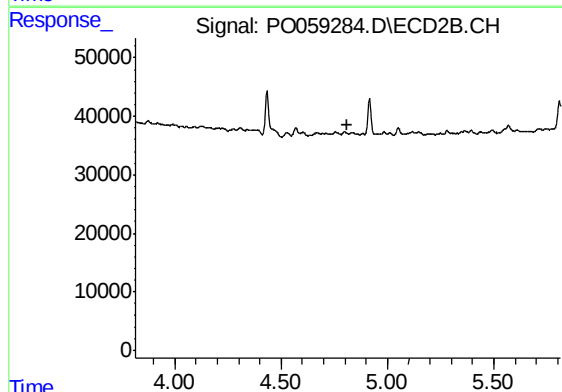
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#22 AR-1248-2

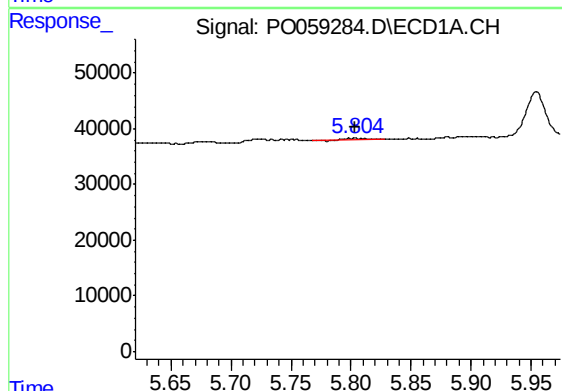
R.T.: 5.595 min
Delta R.T.: -0.008 min
Response: 30787
Conc: 21.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



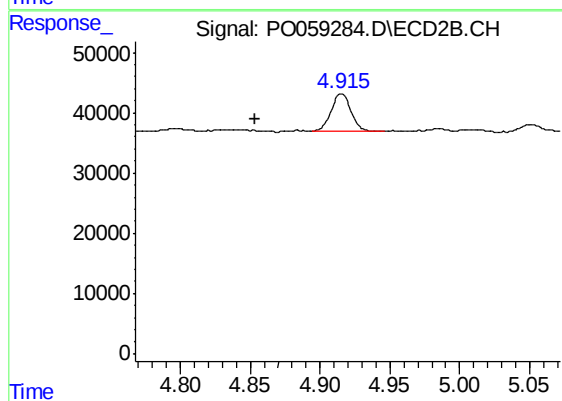
#22 AR-1248-2

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



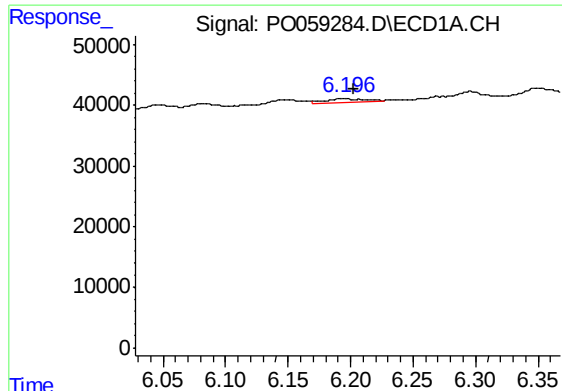
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 3959
Conc: 2.41 ng/ml



#23 AR-1248-3

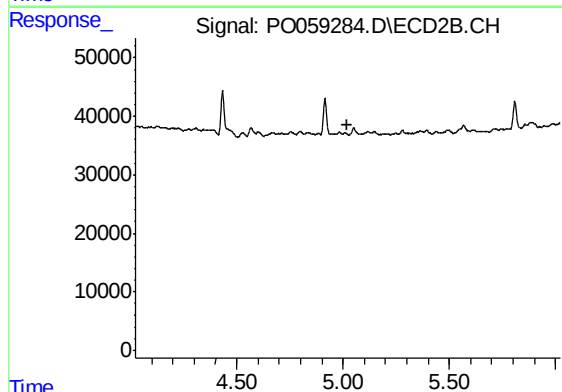
R.T.: 4.915 min
Delta R.T.: 0.062 min
Response: 62659
Conc: 55.05 ng/ml



#24 AR-1248-4

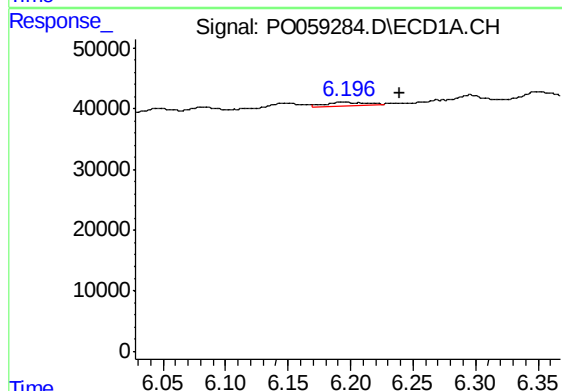
R.T.: 6.196 min
Delta R.T.: -0.007 min
Response: 12078
Conc: 5.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



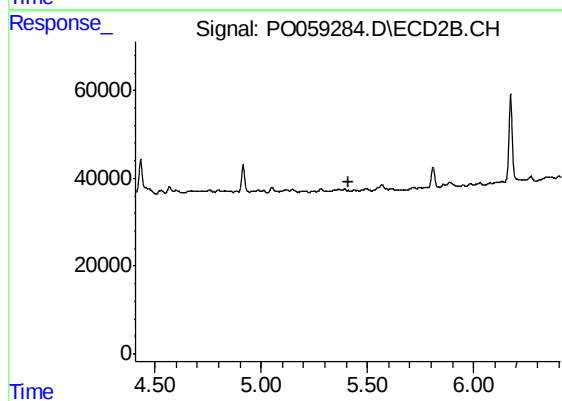
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



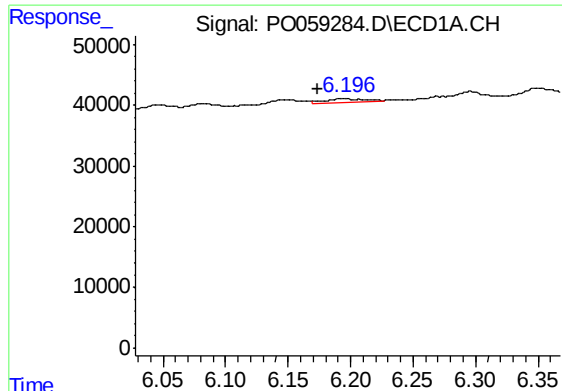
#25 AR-1248-5

R.T.: 6.196 min
Delta R.T.: -0.044 min
Response: 12078
Conc: 6.26 ng/ml



#25 AR-1248-5

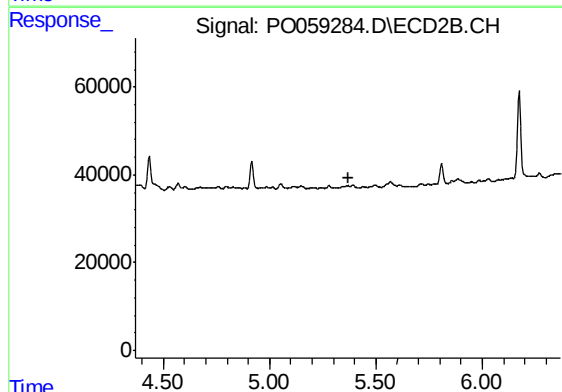
R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



#26 AR-1254-1

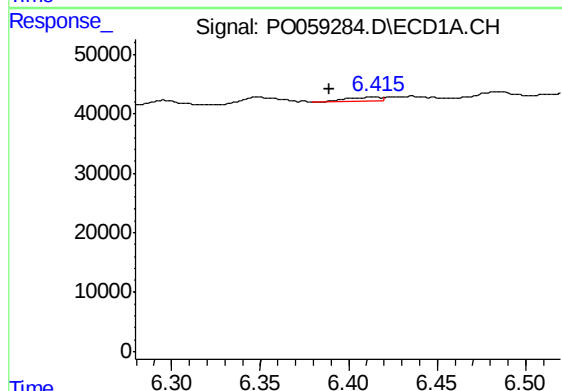
R.T.: 6.196 min
Delta R.T.: 0.022 min
Response: 12078
Conc: 5.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



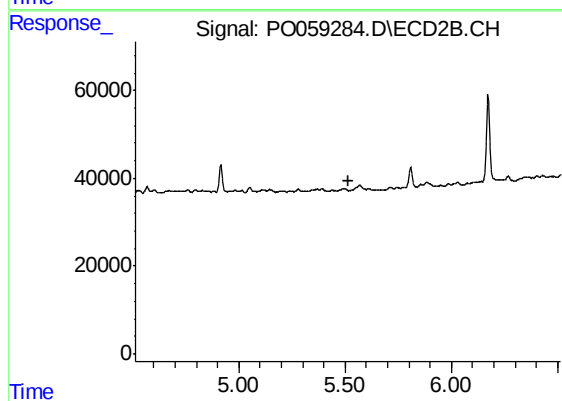
#26 AR-1254-1

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



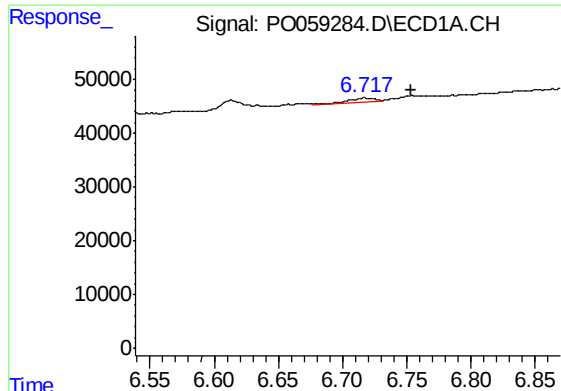
#27 AR-1254-2

R.T.: 6.415 min
Delta R.T.: 0.027 min
Response: 9046
Conc: 2.35 ng/ml



#27 AR-1254-2

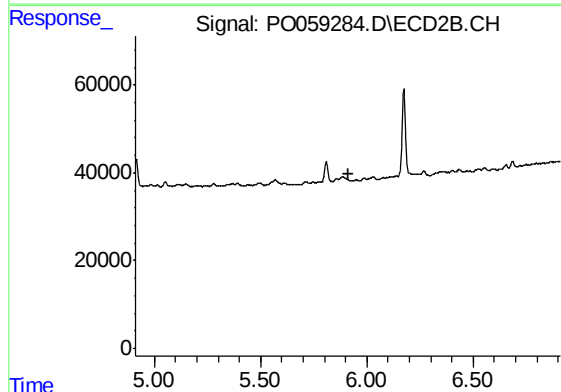
R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



#28 AR-1254-3

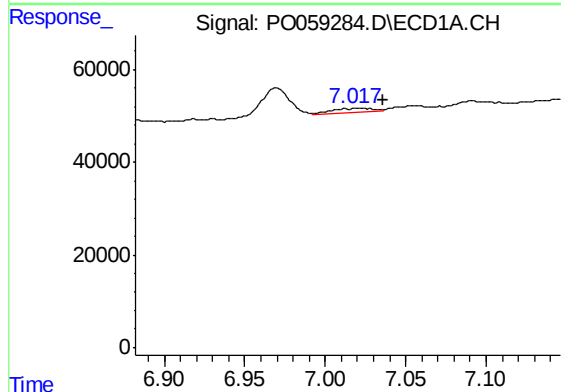
R.T.: 6.717 min
Delta R.T.: -0.037 min
Response: 8725
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



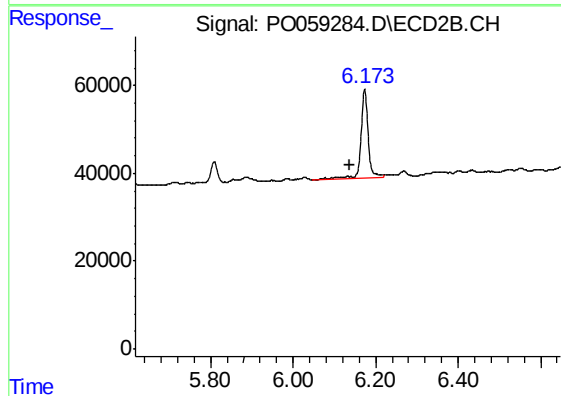
#28 AR-1254-3

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



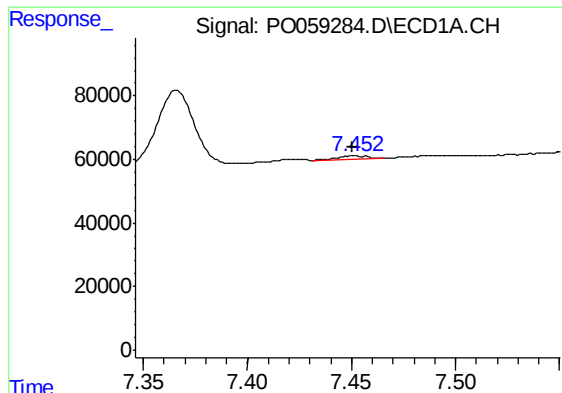
#29 AR-1254-4

R.T.: 7.024 min
Delta R.T.: -0.012 min
Response: 14816
Conc: 4.11 ng/ml



#29 AR-1254-4

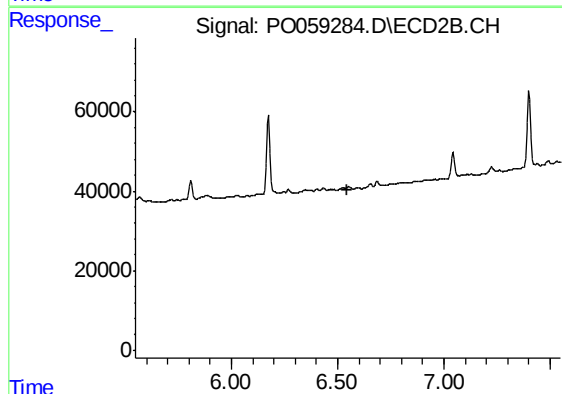
R.T.: 6.173 min
Delta R.T.: 0.036 min
Response: 244506
Conc: 105.15 ng/ml



#30 AR-1254-5

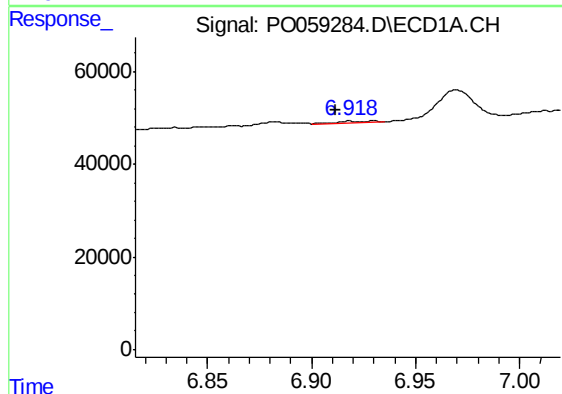
R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 13512
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



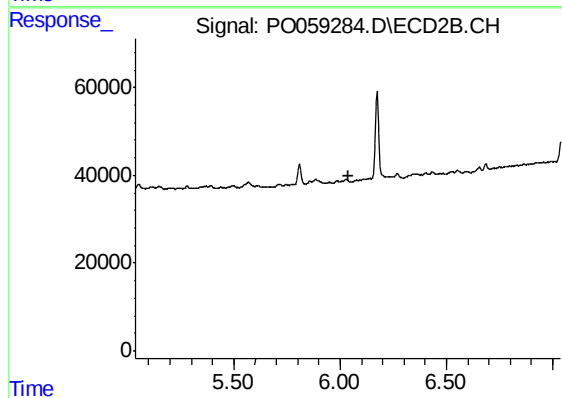
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



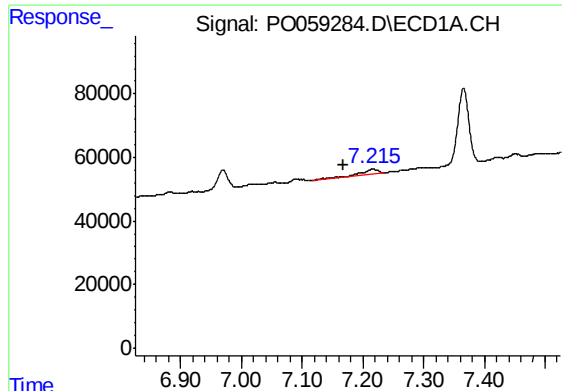
#31 AR-1260-1

R.T.: 6.919 min
Delta R.T.: 0.007 min
Response: 3777
Conc: 1.31 ng/ml



#31 AR-1260-1

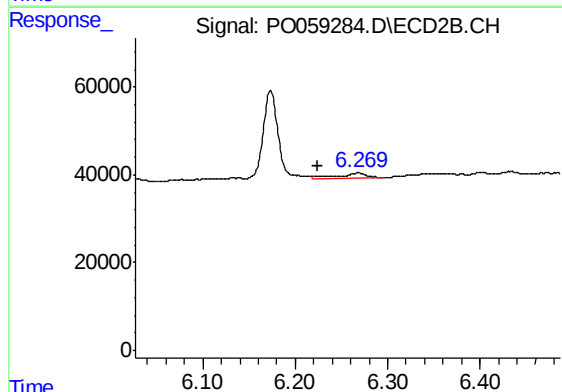
R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



#32 AR-1260-2

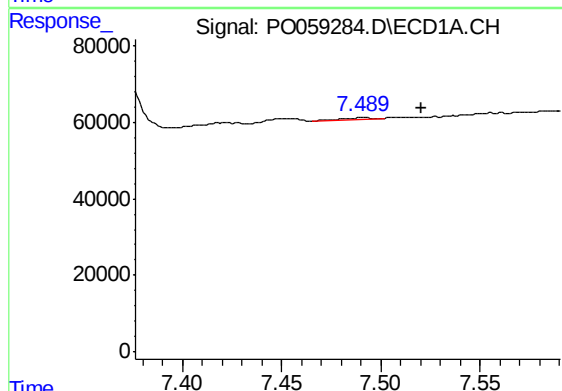
R.T.: 7.216 min
Delta R.T.: 0.048 min
Response: 34917
Conc: 8.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



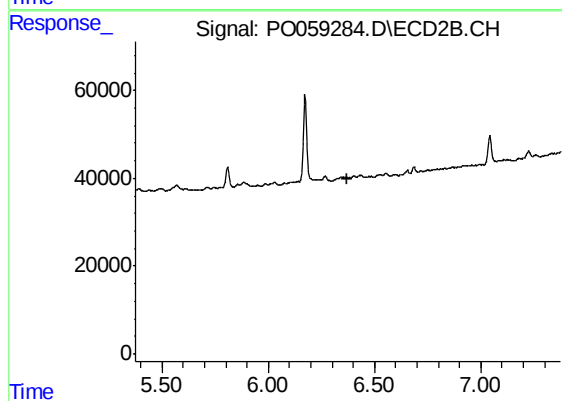
#32 AR-1260-2

R.T.: 6.268 min
Delta R.T.: 0.044 min
Response: 23634
Conc: 7.80 ng/ml



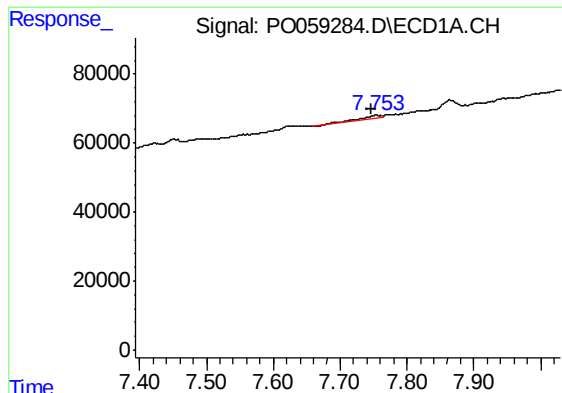
#33 AR-1260-3

R.T.: 7.490 min
Delta R.T.: -0.030 min
Response: 6404
Conc: 1.72 ng/ml



#33 AR-1260-3

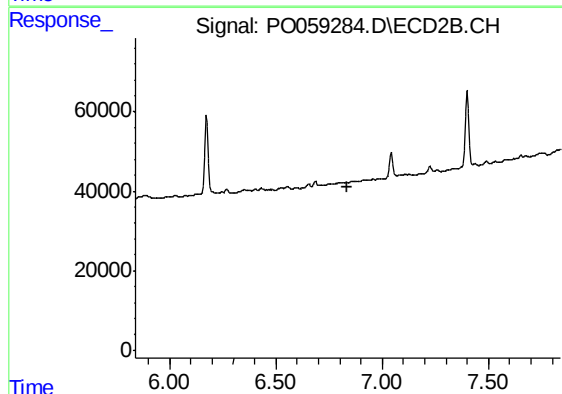
R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#34 AR-1260-4

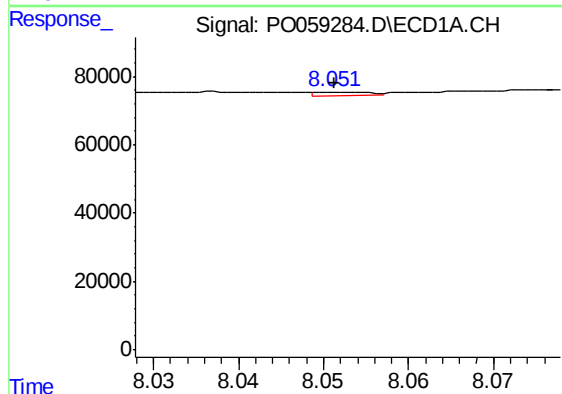
R.T.: 7.754 min
Delta R.T.: 0.008 min
Response: 28370
Conc: 8.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



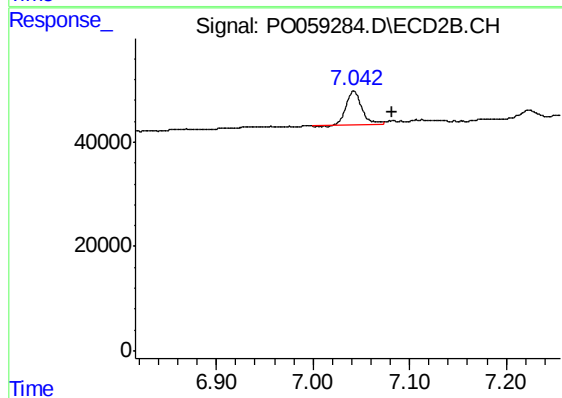
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



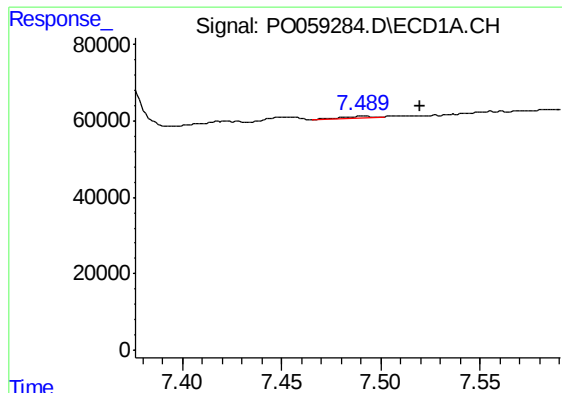
#35 AR-1260-5

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 4625
Conc: 0.63 ng/ml



#35 AR-1260-5

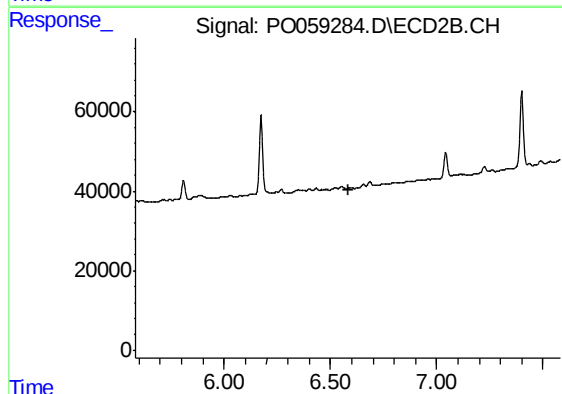
R.T.: 7.042 min
Delta R.T.: -0.040 min
Response: 72868
Conc: 13.53 ng/ml



#36 AR-1262-1

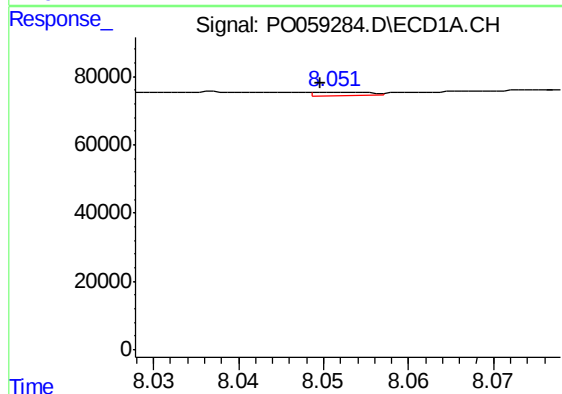
R.T.: 7.490 min
Delta R.T.: -0.029 min
Response: 6404
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



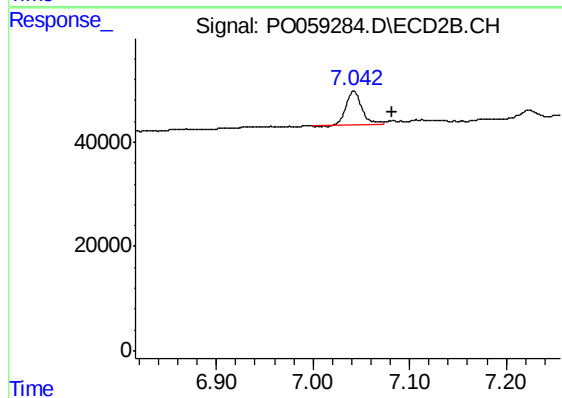
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



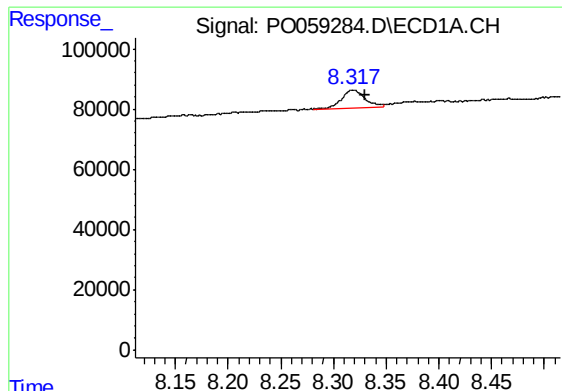
#37 AR-1262-2

R.T.: 8.052 min
Delta R.T.: 0.002 min
Response: 4625
Conc: 0.58 ng/ml



#37 AR-1262-2

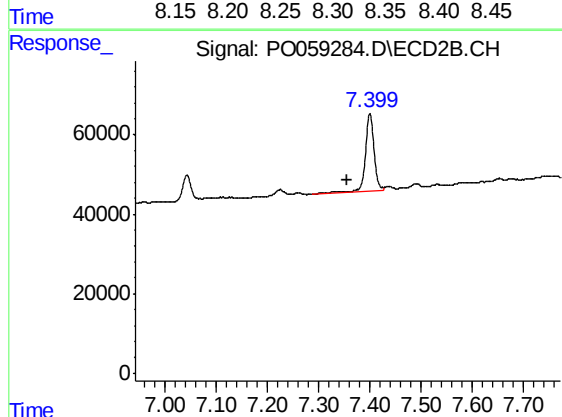
R.T.: 7.042 min
Delta R.T.: -0.039 min
Response: 72868
Conc: 12.91 ng/ml



#38 AR-1262-3

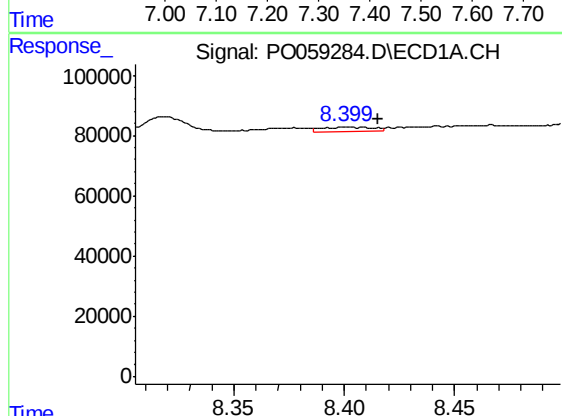
R.T.: 8.318 min
Delta R.T.: -0.011 min
Response: 88992
Conc: 17.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



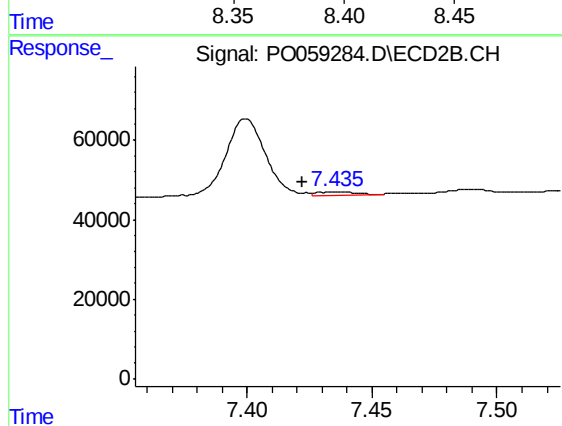
#38 AR-1262-3

R.T.: 7.400 min
Delta R.T.: 0.043 min
Response: 232415
Conc: 94.17 ng/ml



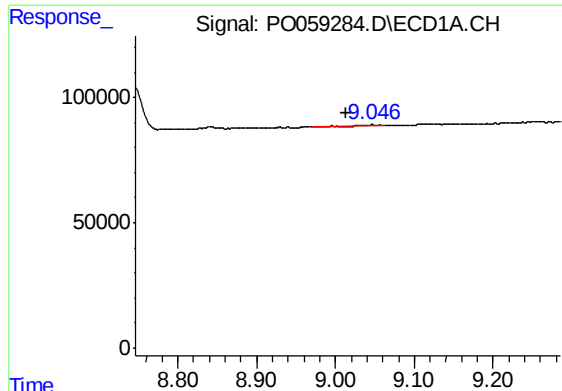
#39 AR-1262-4

R.T.: 8.400 min
Delta R.T.: -0.015 min
Response: 22188
Conc: 5.86 ng/ml



#39 AR-1262-4

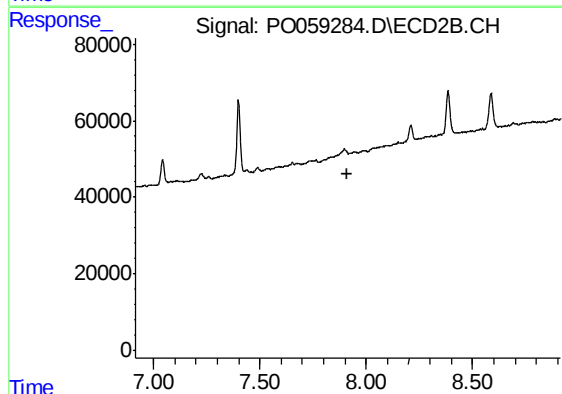
R.T.: 7.436 min
Delta R.T.: 0.014 min
Response: 8855
Conc: 2.09 ng/ml



#40 AR-1262-5

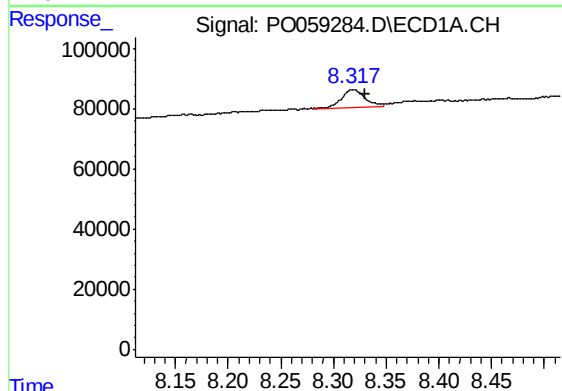
R.T.: 9.047 min
Delta R.T.: 0.034 min
Response: 3025
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



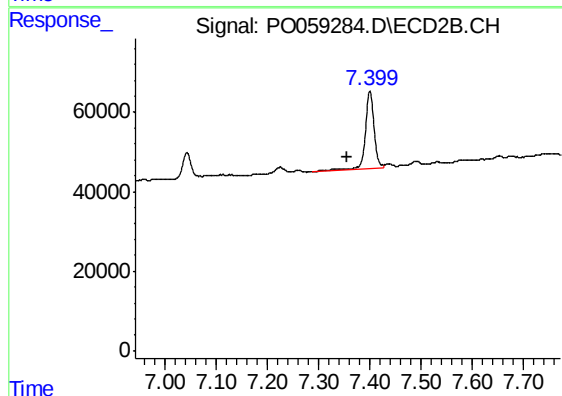
#40 AR-1262-5

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



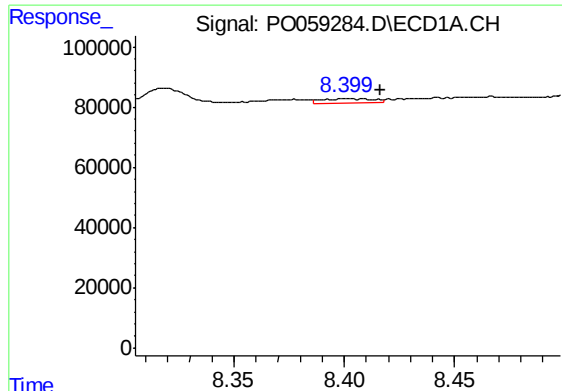
#41 AR-1268-1

R.T.: 8.318 min
Delta R.T.: -0.011 min
Response: 88992
Conc: 7.97 ng/ml



#41 AR-1268-1

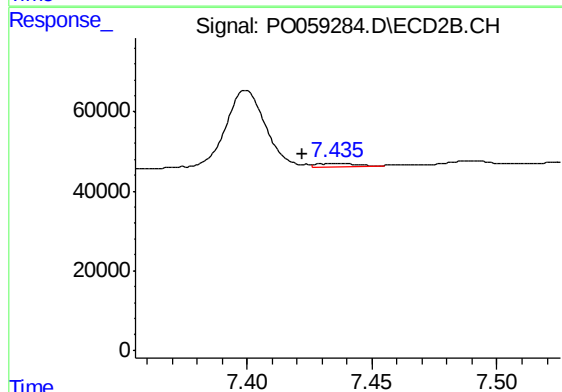
R.T.: 7.400 min
Delta R.T.: 0.043 min
Response: 232415
Conc: 28.53 ng/ml



#42 AR-1268-2

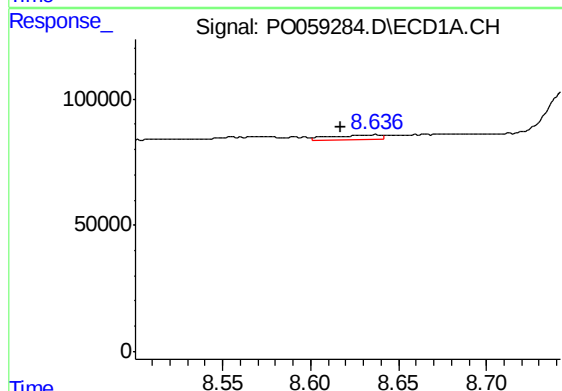
R.T.: 8.400 min
Delta R.T.: -0.017 min
Response: 22188
Conc: 2.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



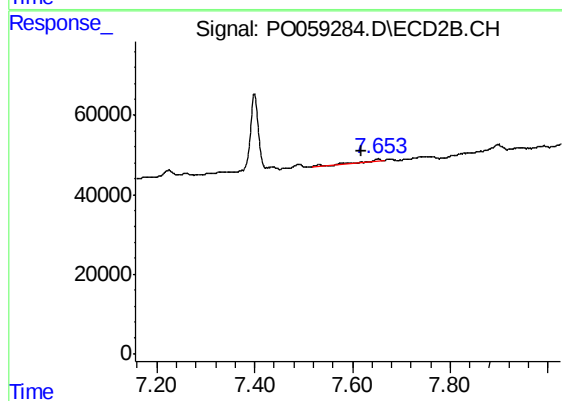
#42 AR-1268-2

R.T.: 7.436 min
Delta R.T.: 0.014 min
Response: 8855
Conc: 1.17 ng/ml



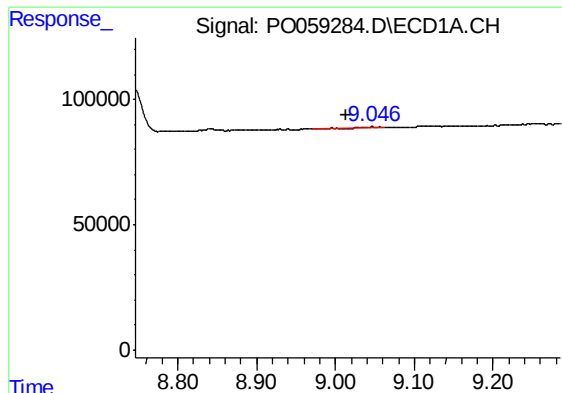
#43 AR-1268-3

R.T.: 8.637 min
Delta R.T.: 0.020 min
Response: 32301
Conc: 3.91 ng/ml



#43 AR-1268-3

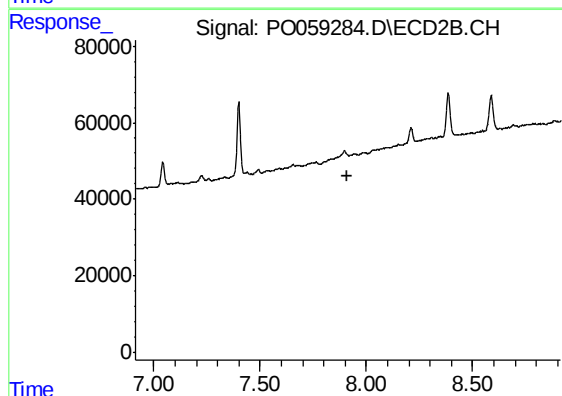
R.T.: 7.653 min
Delta R.T.: 0.034 min
Response: 22003
Conc: 3.44 ng/ml



#44 AR-1268-4

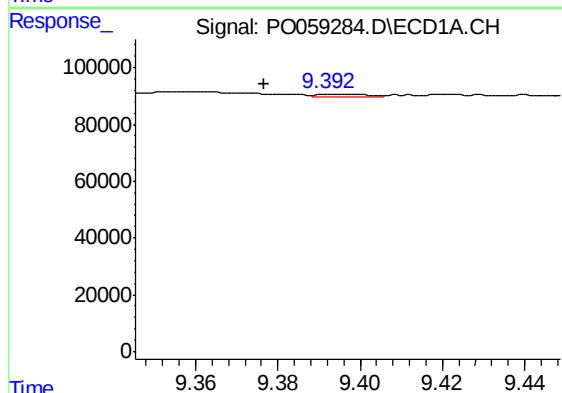
R.T.: 9.047 min
Delta R.T.: 0.034 min
Response: 3025
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
HA-48



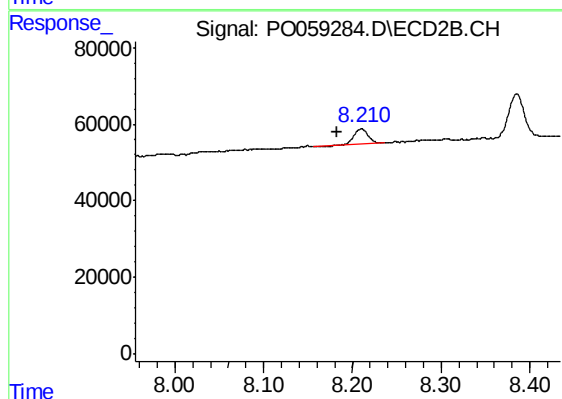
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.392 min
Delta R.T.: 0.016 min
Response: 7991
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 8.210 min
Delta R.T.: 0.027 min
Response: 43961
Conc: 2.57 ng/ml