

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041719\
 Data File : P0055393.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Apr 2019 15:42
 Operator : SM/SJ
 Sample : K2445-01DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RW-M_041619_WCS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 16:25:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 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...	4.293	3.604	30514	27625	0.879	0.866
2)	SA Decachlor...	9.905	8.566	65420	43832	1.327	1.376
Target Compounds							
3)	L1 AR-1016-1	5.455	4.699	36624	18545	20.353	11.727 #
4)	L1 AR-1016-2	5.477	4.699	23323	18545	9.391	8.655
5)	L1 AR-1016-3	5.539	4.888	16444	8812	10.452	7.293 #
6)	L1 AR-1016-4	5.637	4.955	15063	11306	11.560	11.188
7)	L1 AR-1016-5	5.927	0.000	28681	0	21.496	N.D. #
10)	L2 AR-1221-3	0.000	4.035	0	17139	N.D.	18.594 #
11)	L3 AR-1232-1	0.000	4.035	0	17139	N.D.	22.856 #
12)	L3 AR-1232-2	5.190	4.699	15103	18545	30.877	21.536 #
13)	L3 AR-1232-3	5.477	4.888	23323	8812	23.865	18.185
14)	L3 AR-1232-4	5.637	4.955	15063	11306	29.429	25.731
15)	L3 AR-1232-5	5.727	0.000	32600	0	78.366	N.D. #
16)	L4 AR-1242-1	5.455	4.699	36624	18545	26.362	15.105 #
17)	L4 AR-1242-2	5.477	4.699	23323	18545	12.189	11.190
18)	L4 AR-1242-3	5.539	4.888	16444	8812	13.267	9.302 #
19)	L4 AR-1242-4	5.637	4.955	15063	11306	14.775	11.830
20)	L4 AR-1242-5	6.370	5.516	24908	22434	20.634	18.240
21)	L5 AR-1248-1	5.455	4.699	36624	18545	36.636	21.127 #
22)	L5 AR-1248-2	5.727	4.955	32600	11306	22.447	9.355 #
23)	L5 AR-1248-3	5.927	4.955	28681	11306	17.957	9.061 #
24)	L5 AR-1248-4	6.370	0.000	24908	0	13.259	N.D. #
25)	L5 AR-1248-5	6.370	5.516	24908	22434	13.894	15.047
26)	L6 AR-1254-1	6.304	5.516	353897	22434	195.180	10.265 #
27)	L6 AR-1254-2	6.520	5.645	500124	49756	175.191	25.661 #
28)	L6 AR-1254-3	6.888	6.037	279616	833517	88.916	260.011 #
29)	L6 AR-1254-4	7.170	6.278	184649	292658	75.479	149.472 #
30)	L6 AR-1254-5	7.587	6.701	1992137	1296363	743.251	450.956 #
31)	L7 AR-1260-1	7.048	6.151	1426962	1164237	567.912	506.615
32)	L7 AR-1260-2	7.305	6.337	1840364	1468826	592.991	533.583
33)	L7 AR-1260-3	7.661	6.491	1411921	1326920	575.270	514.728
34)	L7 AR-1260-4	7.886	6.999	1607612	125444	581.202	58.944 #
35)	L7 AR-1260-5	8.195	7.200	3235207	2828770	583.066	590.645
36)	L8 AR-1262-1	7.661	6.754	1411921	655649	423.737	220.390 #
37)	L8 AR-1262-2	8.195	7.254	3235207	57417	546.081	11.715 #
38)	L8 AR-1262-3	8.508	7.481	2050321	638882	494.912	311.125 #
39)	L8 AR-1262-4	8.561	7.545	1195435	1953749	371.026	539.393 #
40)	L8 AR-1262-5	9.201	8.080	864737	42397	395.530	26.270 #
41)	L9 AR-1268-1	8.508	7.481	2050321	638882	288.068	112.993 #
42)	L9 AR-1268-2	8.561	7.545	1195435	1953749	182.453	377.786 #
43)	L9 AR-1268-3	8.795	7.798	30766	38224	5.648	8.882 #

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 ALS Vial : 9 Sample Multiplier: 1

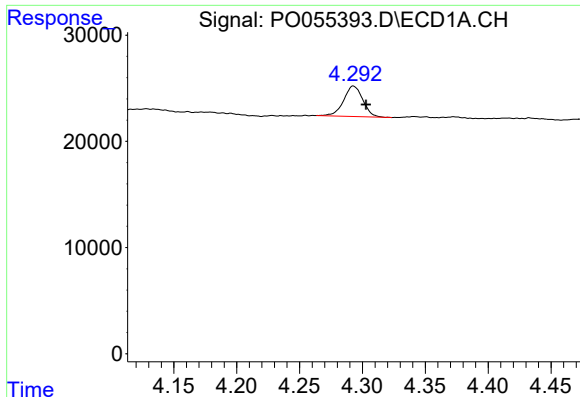
Instrument :
 ECD_O
 ClientSampleId :
 RW-M_041619_WCS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.201	8.080	864737	42397	362.453	22.870 #
45) L9	AR-1268-5	9.590	0.000	214864	0	13.042	N.D. #

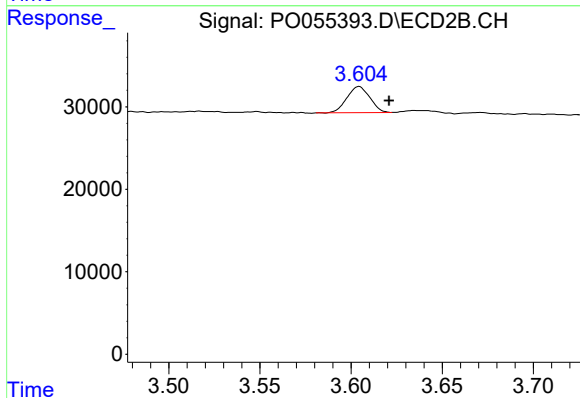
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

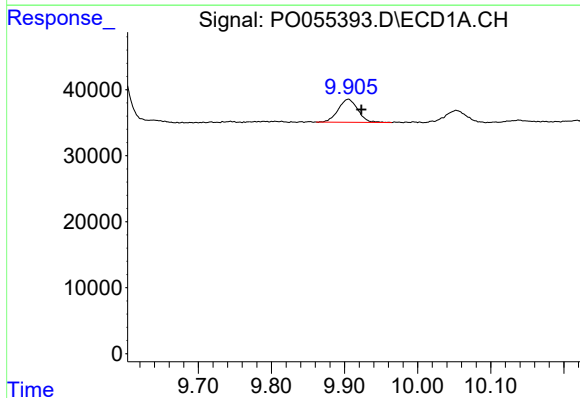
R.T.: 4.293 min
Delta R.T.: -0.010 min
Response: 30514
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



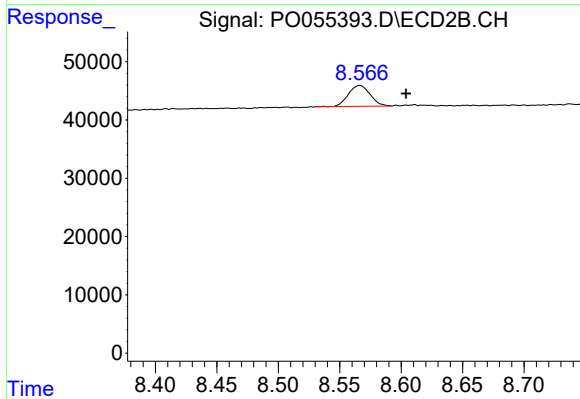
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: -0.016 min
Response: 27625
Conc: 0.87 ng/ml



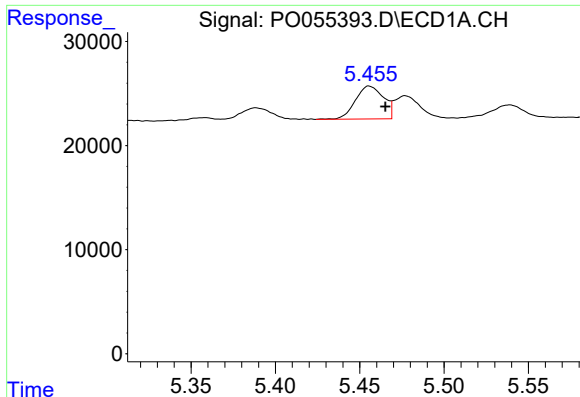
#2 Decachlorobiphenyl

R.T.: 9.905 min
Delta R.T.: -0.018 min
Response: 65420
Conc: 1.33 ng/ml



#2 Decachlorobiphenyl

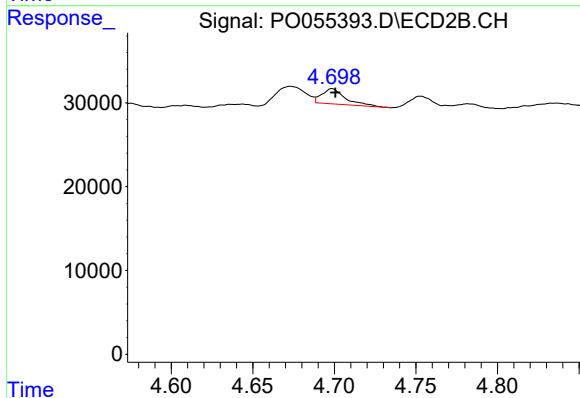
R.T.: 8.566 min
Delta R.T.: -0.038 min
Response: 43832
Conc: 1.38 ng/ml



#3 AR-1016-1

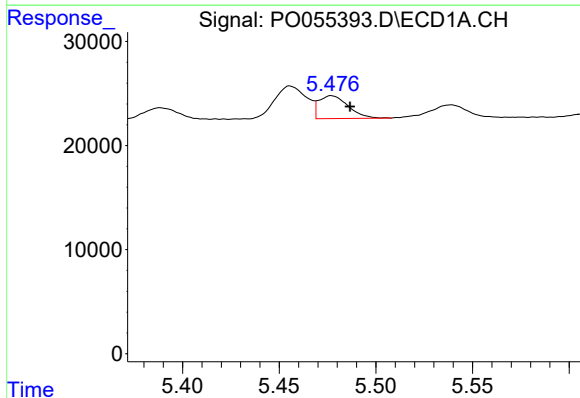
R.T.: 5.455 min
Delta R.T.: -0.010 min
Response: 36624
Conc: 20.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



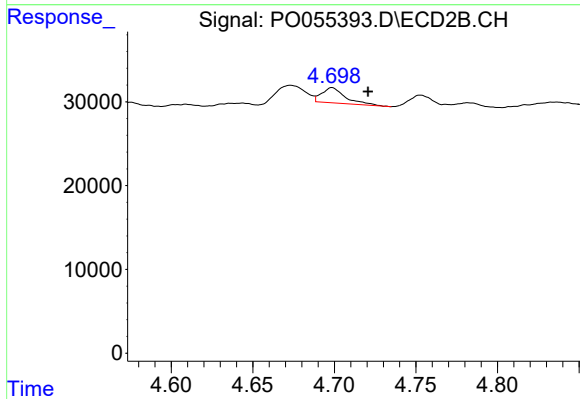
#3 AR-1016-1

R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 18545
Conc: 11.73 ng/ml



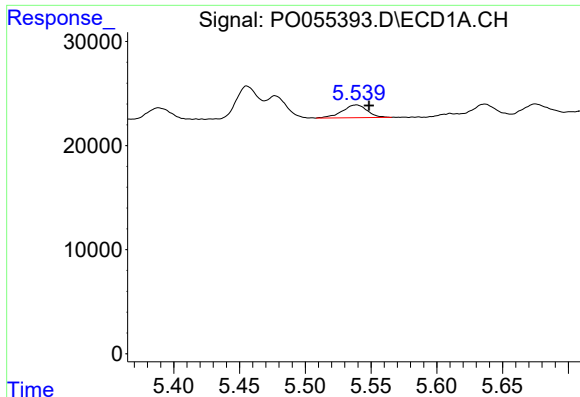
#4 AR-1016-2

R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 23323
Conc: 9.39 ng/ml



#4 AR-1016-2

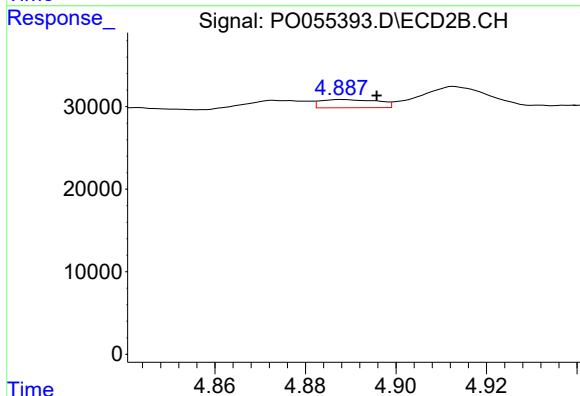
R.T.: 4.699 min
Delta R.T.: -0.022 min
Response: 18545
Conc: 8.65 ng/ml



#5 AR-1016-3

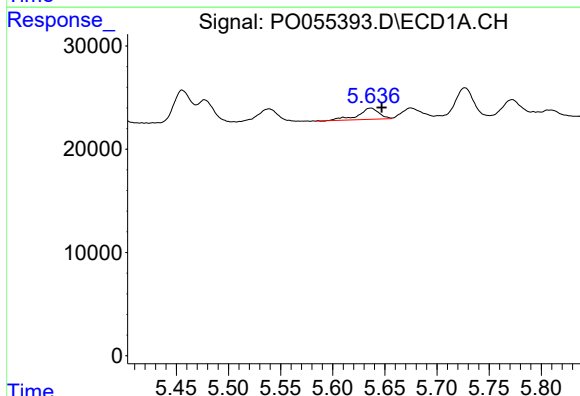
R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 16444
Conc: 10.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



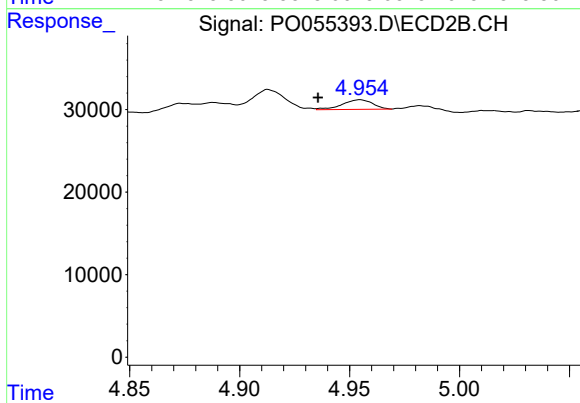
#5 AR-1016-3

R.T.: 4.888 min
Delta R.T.: -0.008 min
Response: 8812
Conc: 7.29 ng/ml



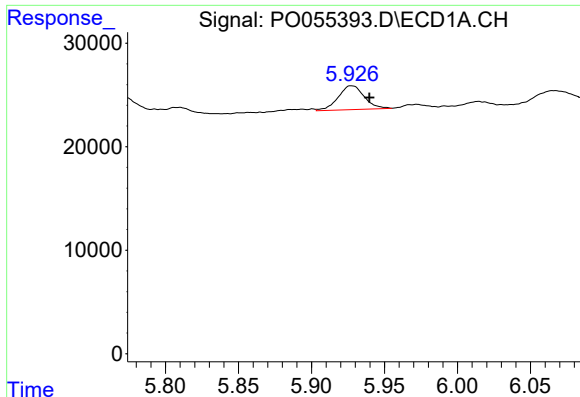
#6 AR-1016-4

R.T.: 5.637 min
Delta R.T.: -0.010 min
Response: 15063
Conc: 11.56 ng/ml



#6 AR-1016-4

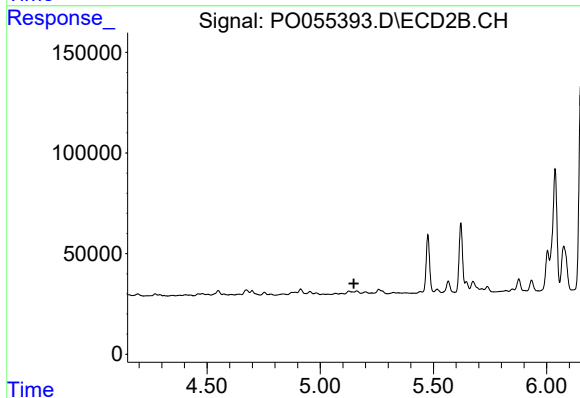
R.T.: 4.955 min
Delta R.T.: 0.019 min
Response: 11306
Conc: 11.19 ng/ml



#7 AR-1016-5

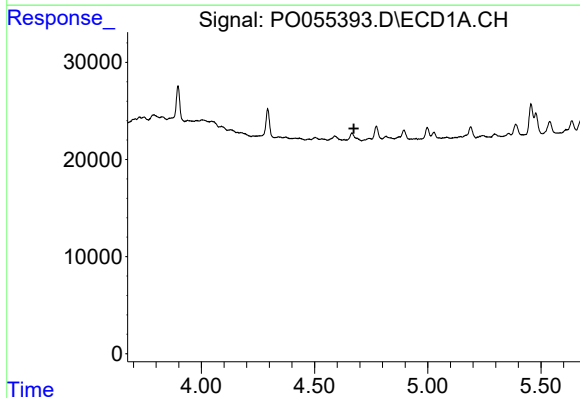
R.T.: 5.927 min
Delta R.T.: -0.013 min
Response: 28681
Conc: 21.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



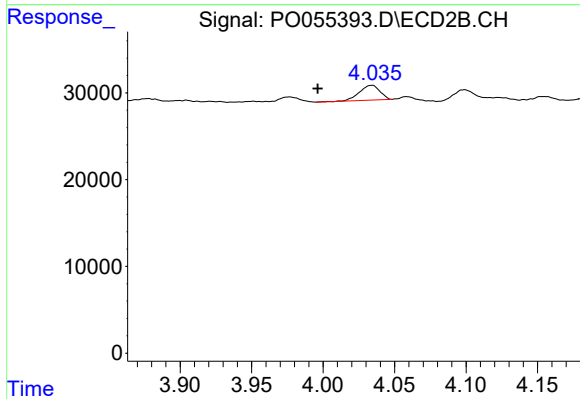
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.149 min
Response: 0
Conc: N.D.



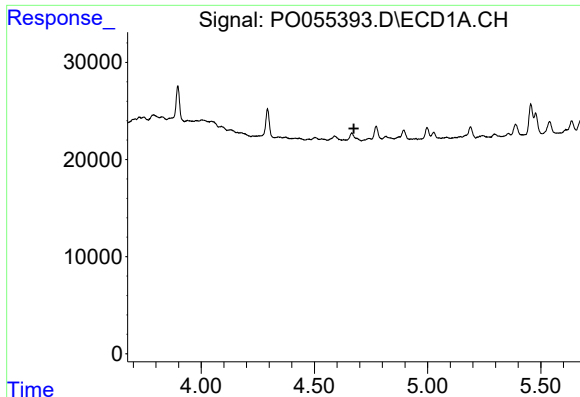
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.673 min
Response: 0
Conc: N.D.



#10 AR-1221-3

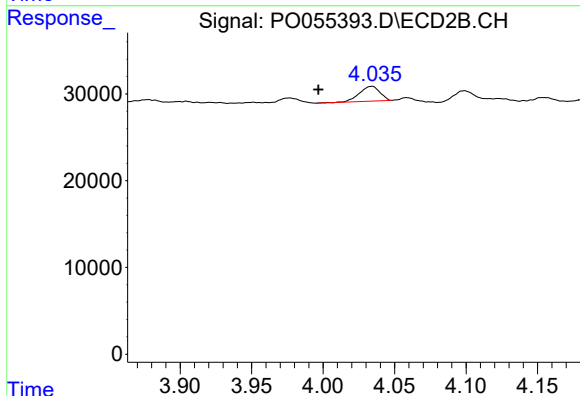
R.T.: 4.035 min
Delta R.T.: 0.038 min
Response: 17139
Conc: 18.59 ng/ml



#11 AR-1232-1

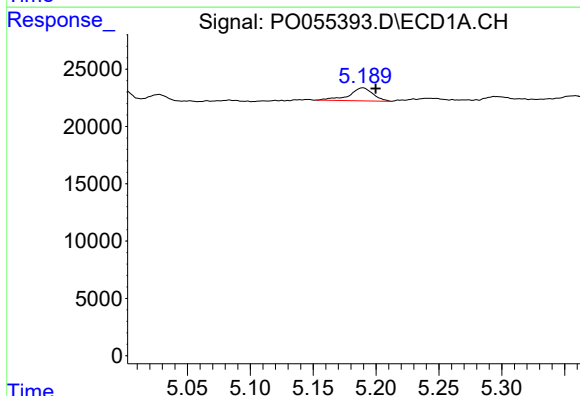
R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



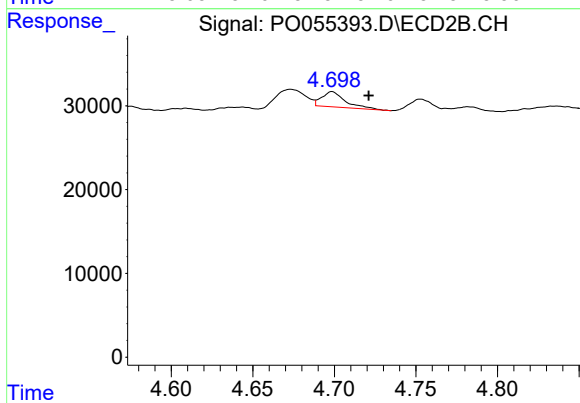
#11 AR-1232-1

R.T.: 4.035 min
Delta R.T.: 0.038 min
Response: 17139
Conc: 22.86 ng/ml



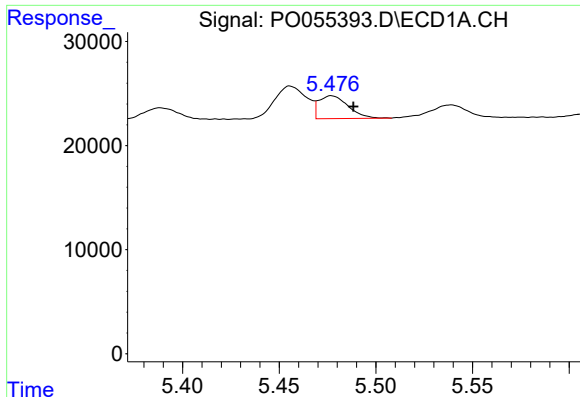
#12 AR-1232-2

R.T.: 5.190 min
Delta R.T.: -0.010 min
Response: 15103
Conc: 30.88 ng/ml



#12 AR-1232-2

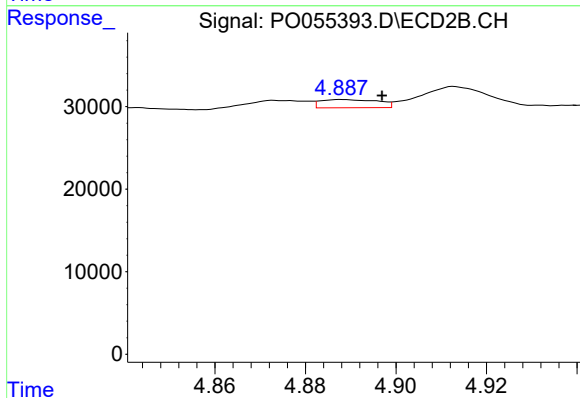
R.T.: 4.699 min
Delta R.T.: -0.022 min
Response: 18545
Conc: 21.54 ng/ml



#13 AR-1232-3

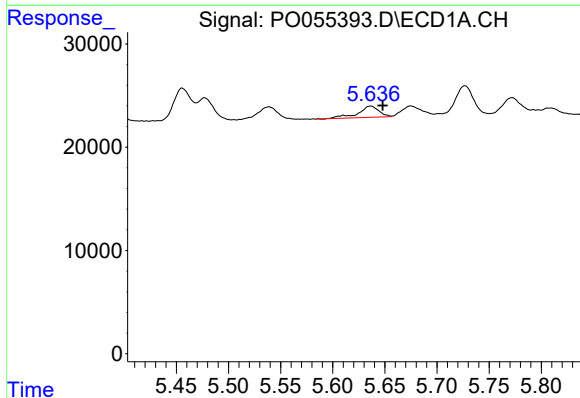
R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 23323
Conc: 23.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



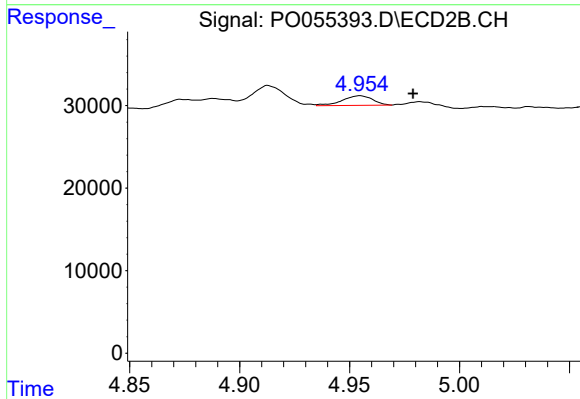
#13 AR-1232-3

R.T.: 4.888 min
Delta R.T.: -0.009 min
Response: 8812
Conc: 18.18 ng/ml



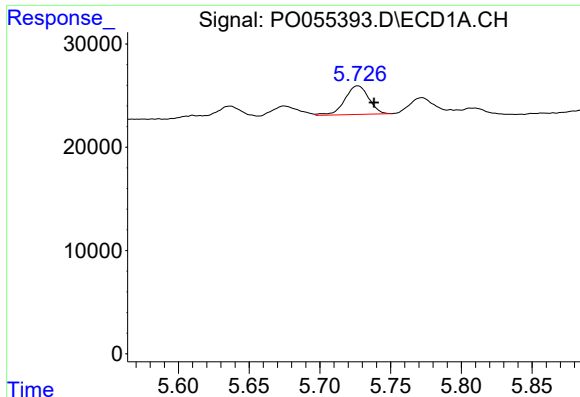
#14 AR-1232-4

R.T.: 5.637 min
Delta R.T.: -0.011 min
Response: 15063
Conc: 29.43 ng/ml



#14 AR-1232-4

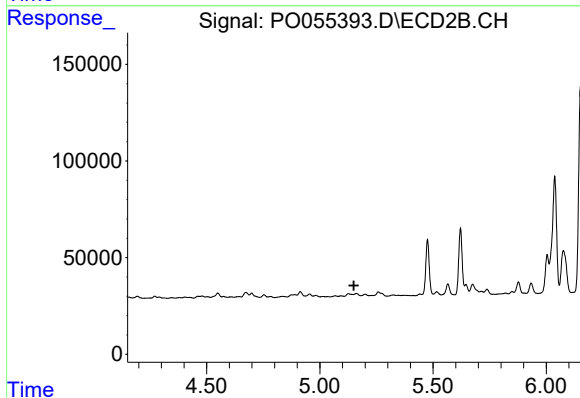
R.T.: 4.955 min
Delta R.T.: -0.024 min
Response: 11306
Conc: 25.73 ng/ml



#15 AR-1232-5

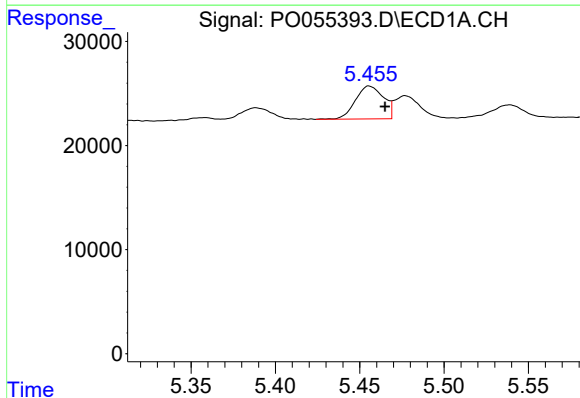
R.T.: 5.727 min
Delta R.T.: -0.011 min
Response: 32600
Conc: 78.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



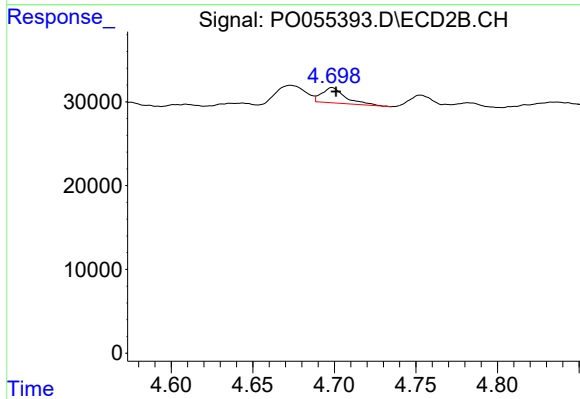
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



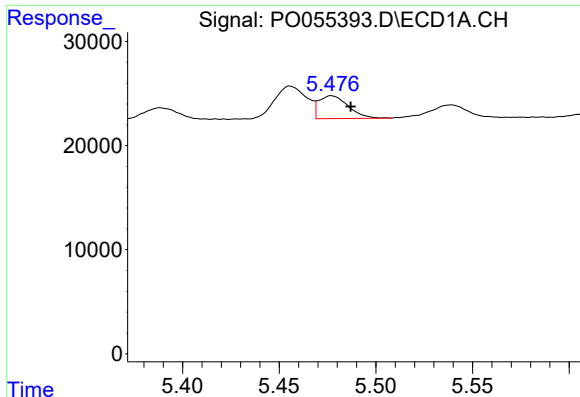
#16 AR-1242-1

R.T.: 5.455 min
Delta R.T.: -0.010 min
Response: 36624
Conc: 26.36 ng/ml



#16 AR-1242-1

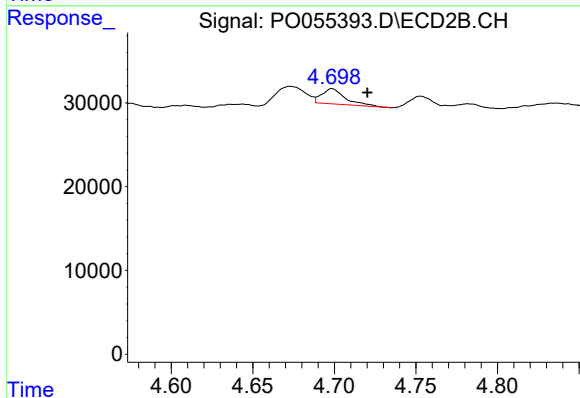
R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 18545
Conc: 15.10 ng/ml



#17 AR-1242-2

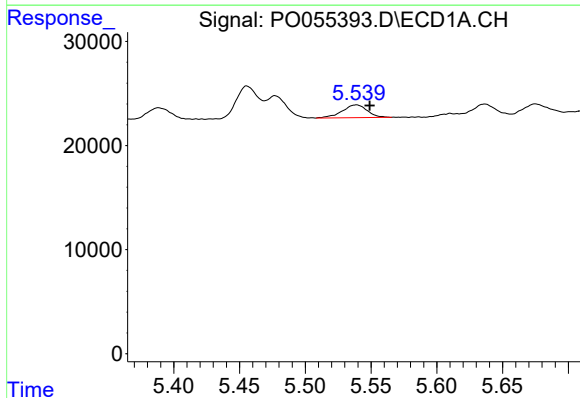
R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 23323
Conc: 12.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



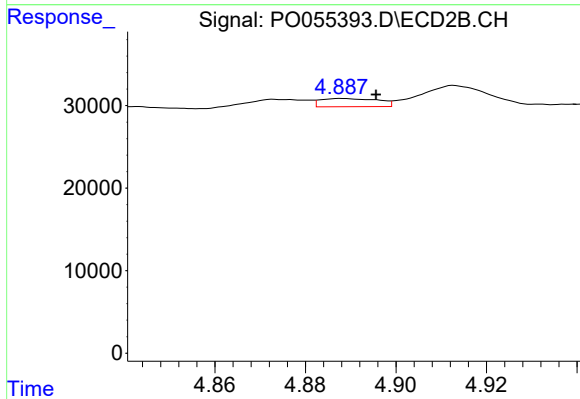
#17 AR-1242-2

R.T.: 4.699 min
Delta R.T.: -0.022 min
Response: 18545
Conc: 11.19 ng/ml



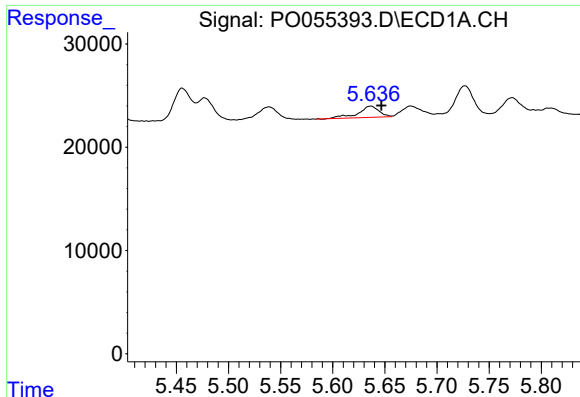
#18 AR-1242-3

R.T.: 5.539 min
Delta R.T.: -0.010 min
Response: 16444
Conc: 13.27 ng/ml



#18 AR-1242-3

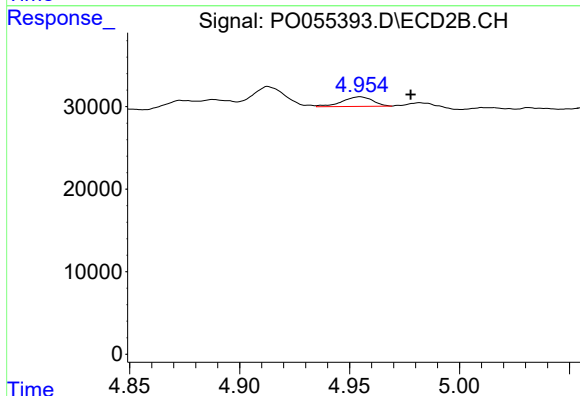
R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 8812
Conc: 9.30 ng/ml



#19 AR-1242-4

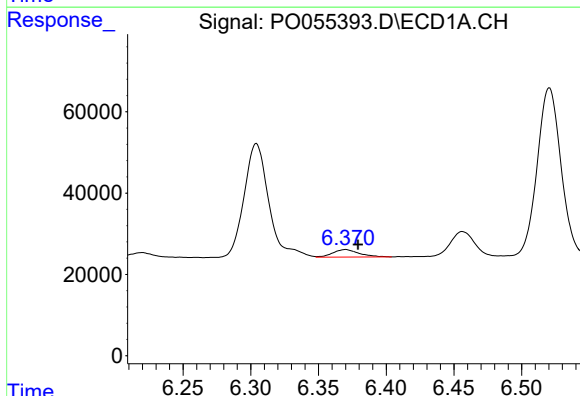
R.T.: 5.637 min
Delta R.T.: -0.010 min
Response: 15063
Conc: 14.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



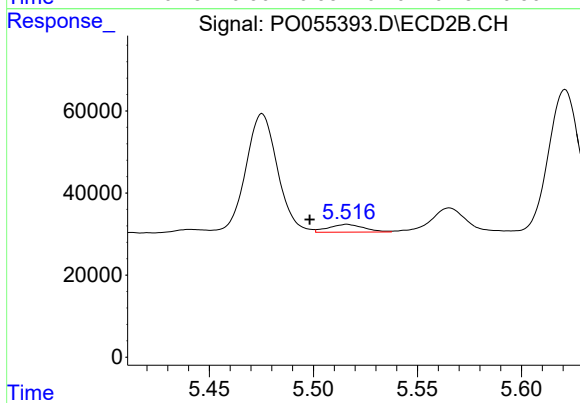
#19 AR-1242-4

R.T.: 4.955 min
Delta R.T.: -0.023 min
Response: 11306
Conc: 11.83 ng/ml



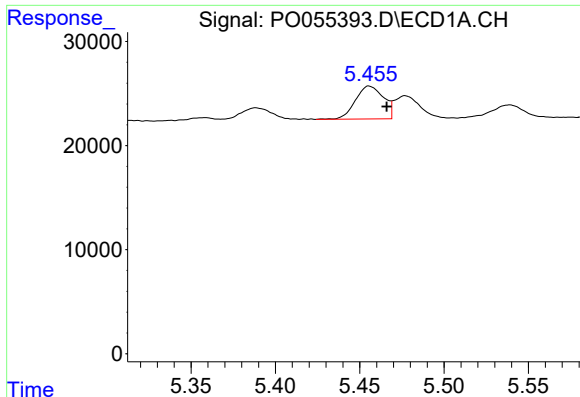
#20 AR-1242-5

R.T.: 6.370 min
Delta R.T.: -0.009 min
Response: 24908
Conc: 20.63 ng/ml



#20 AR-1242-5

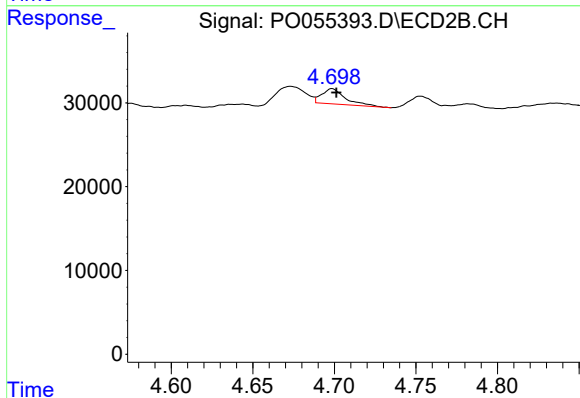
R.T.: 5.516 min
Delta R.T.: 0.018 min
Response: 22434
Conc: 18.24 ng/ml



#21 AR-1248-1

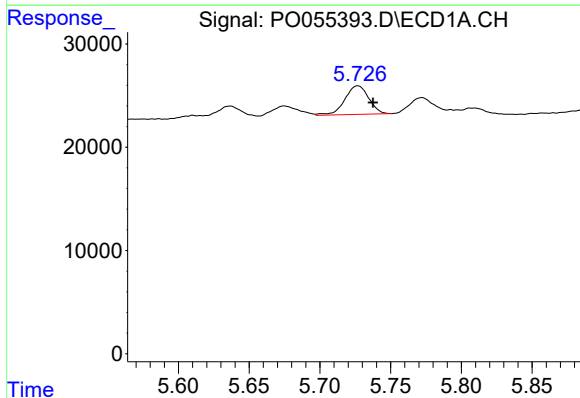
R.T.: 5.455 min
Delta R.T.: -0.011 min
Response: 36624
Conc: 36.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



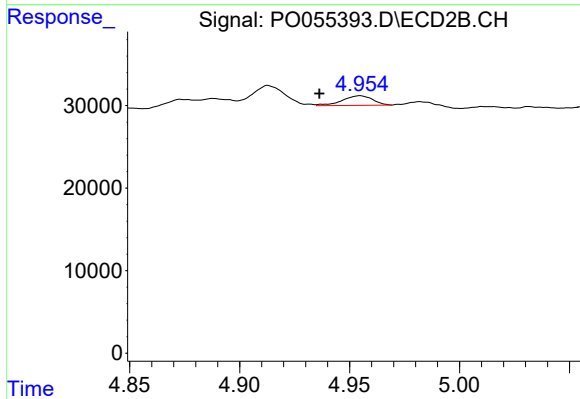
#21 AR-1248-1

R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 18545
Conc: 21.13 ng/ml



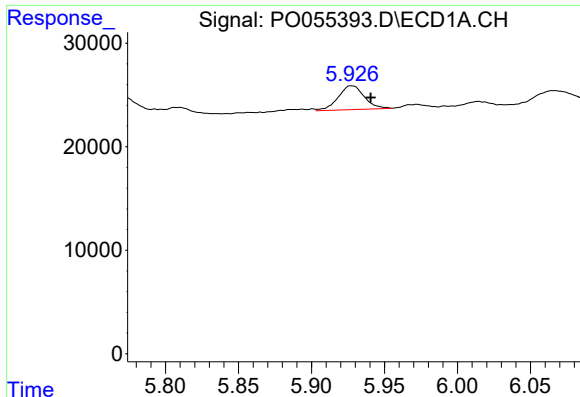
#22 AR-1248-2

R.T.: 5.727 min
Delta R.T.: -0.011 min
Response: 32600
Conc: 22.45 ng/ml



#22 AR-1248-2

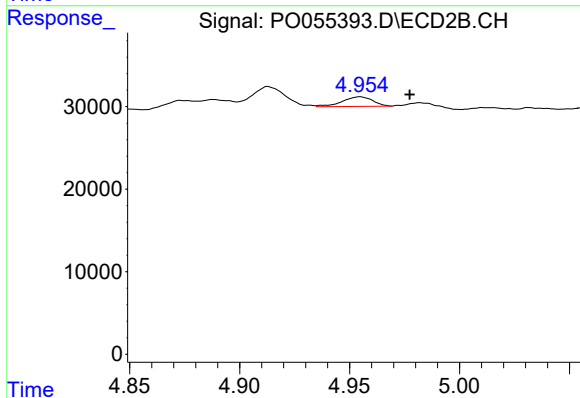
R.T.: 4.955 min
Delta R.T.: 0.019 min
Response: 11306
Conc: 9.36 ng/ml



#23 AR-1248-3

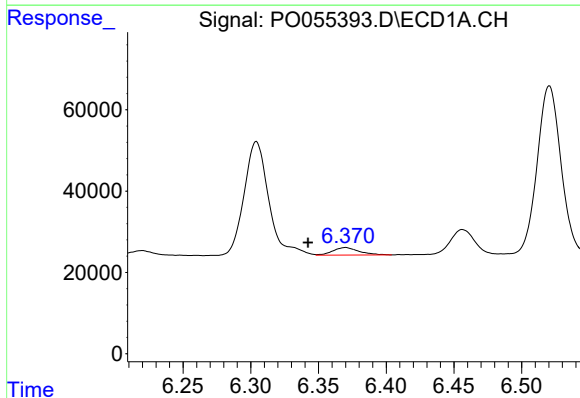
R.T.: 5.927 min
Delta R.T.: -0.014 min
Response: 28681
Conc: 17.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



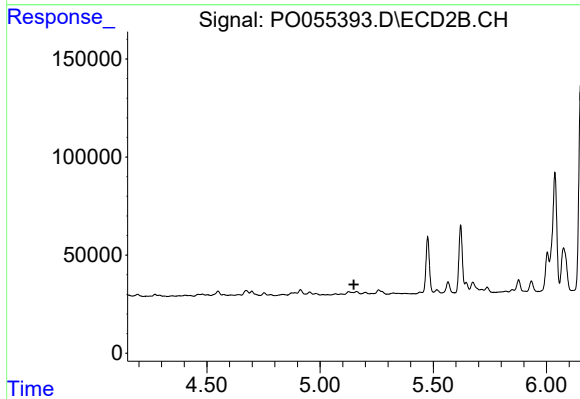
#23 AR-1248-3

R.T.: 4.955 min
Delta R.T.: -0.023 min
Response: 11306
Conc: 9.06 ng/ml



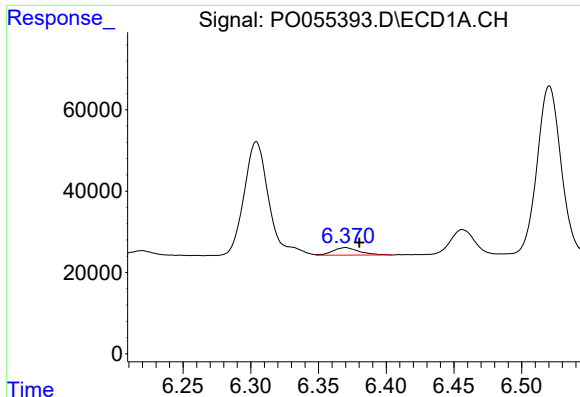
#24 AR-1248-4

R.T.: 6.370 min
Delta R.T.: 0.028 min
Response: 24908
Conc: 13.26 ng/ml



#24 AR-1248-4

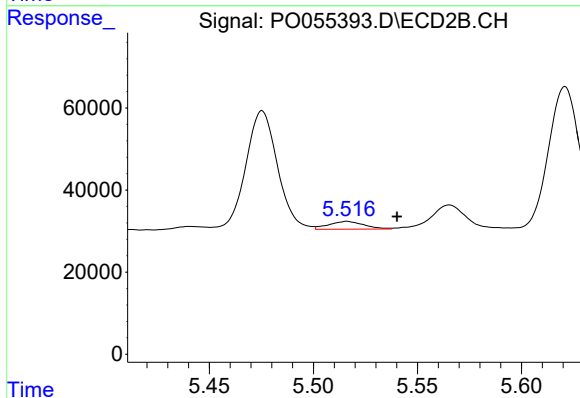
R.T.: 0.000 min
Exp R.T.: 5.149 min
Response: 0
Conc: N.D.



#25 AR-1248-5

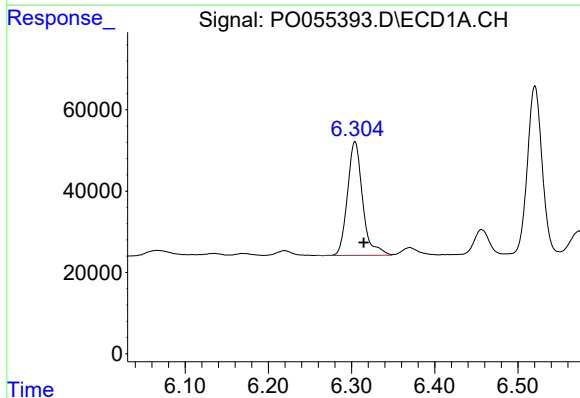
R.T.: 6.370 min
Delta R.T.: -0.010 min
Response: 24908
Conc: 13.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



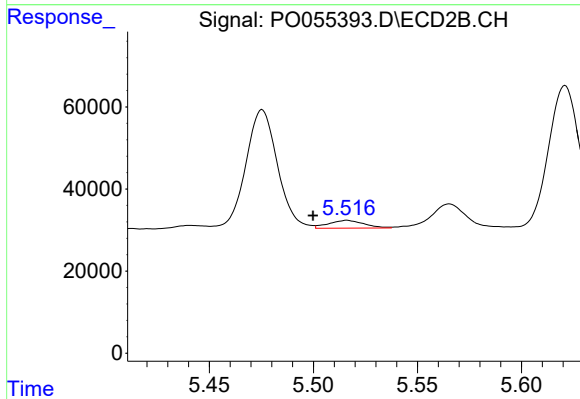
#25 AR-1248-5

R.T.: 5.516 min
Delta R.T.: -0.024 min
Response: 22434
Conc: 15.05 ng/ml



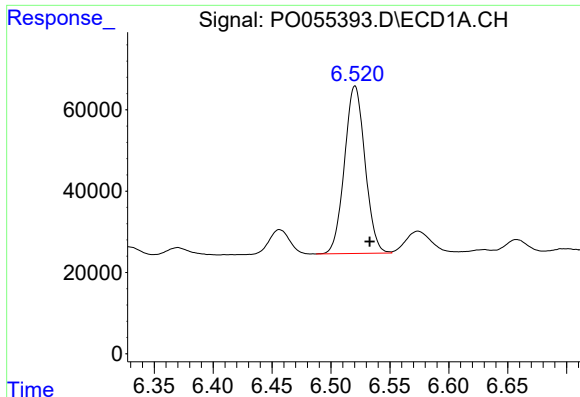
#26 AR-1254-1

R.T.: 6.304 min
Delta R.T.: -0.010 min
Response: 353897
Conc: 195.18 ng/ml



#26 AR-1254-1

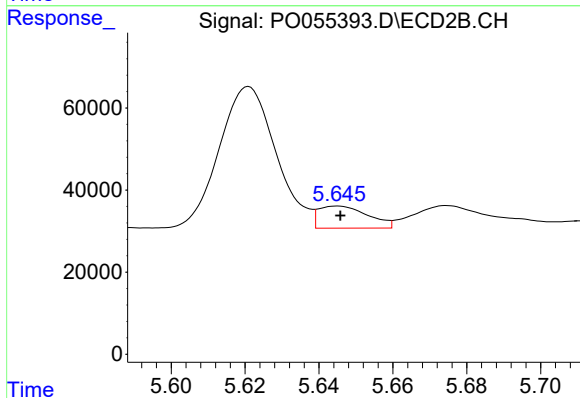
R.T.: 5.516 min
Delta R.T.: 0.016 min
Response: 22434
Conc: 10.26 ng/ml



#27 AR-1254-2

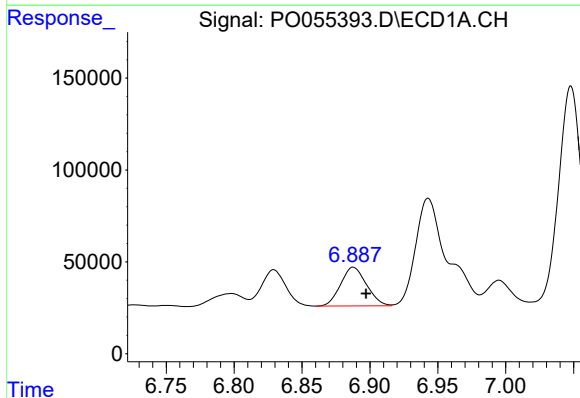
R.T.: 6.520 min
Delta R.T.: -0.013 min
Response: 500124
Conc: 175.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



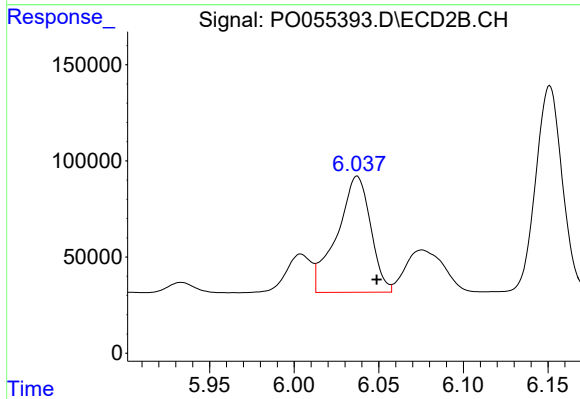
#27 AR-1254-2

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 49756
Conc: 25.66 ng/ml



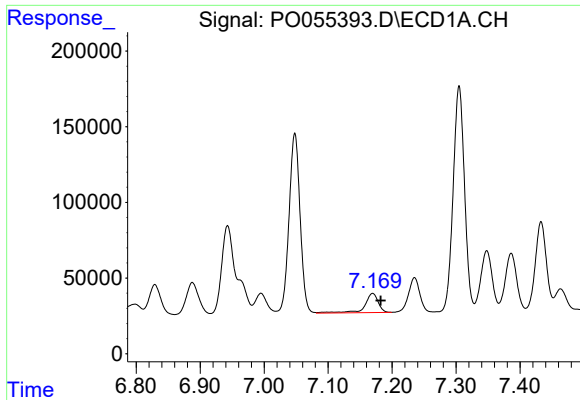
#28 AR-1254-3

R.T.: 6.888 min
Delta R.T.: -0.009 min
Response: 279616
Conc: 88.92 ng/ml



#28 AR-1254-3

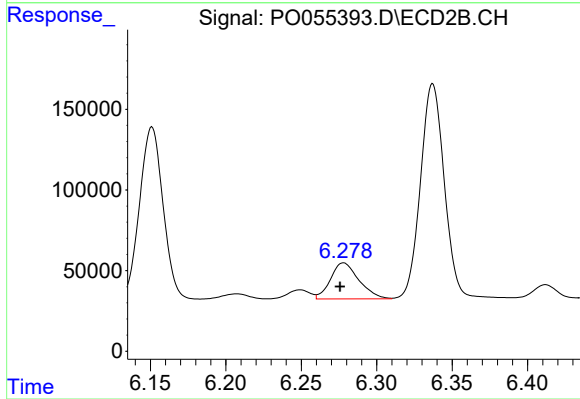
R.T.: 6.037 min
Delta R.T.: -0.011 min
Response: 833517
Conc: 260.01 ng/ml



#29 AR-1254-4

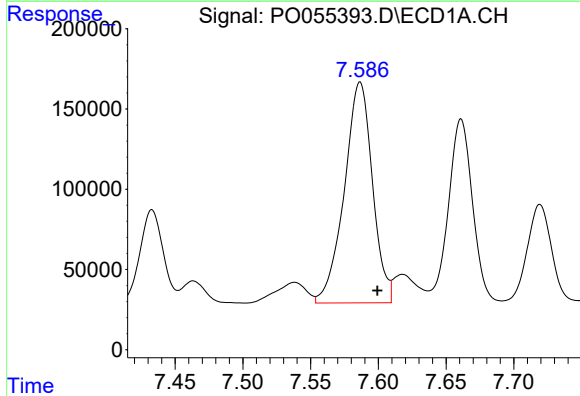
R.T.: 7.170 min
Delta R.T.: -0.012 min
Response: 184649
Conc: 75.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



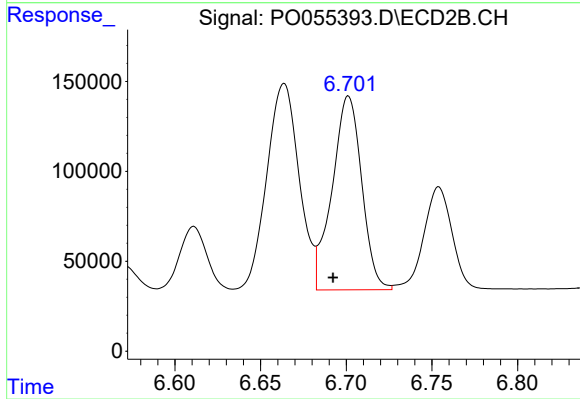
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 292658
Conc: 149.47 ng/ml



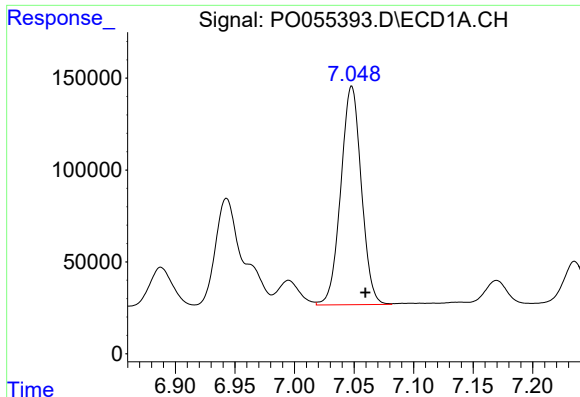
#30 AR-1254-5

R.T.: 7.587 min
Delta R.T.: -0.013 min
Response: 1992137
Conc: 743.25 ng/ml



#30 AR-1254-5

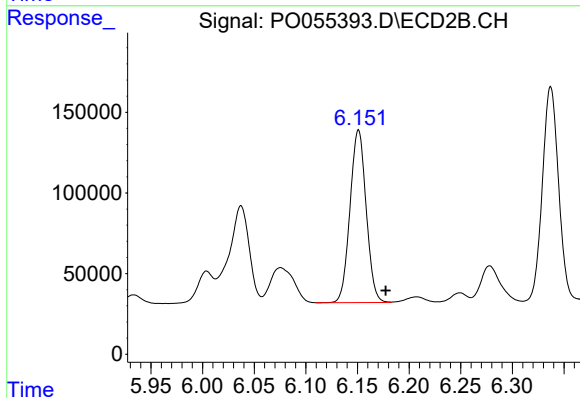
R.T.: 6.701 min
Delta R.T.: 0.009 min
Response: 1296363
Conc: 450.96 ng/ml



#31 AR-1260-1

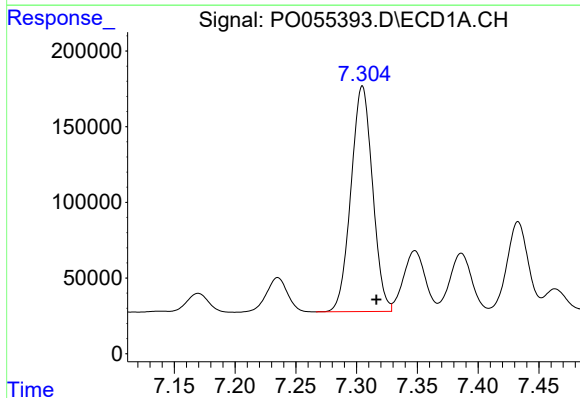
R.T.: 7.048 min
Delta R.T.: -0.012 min
Response: 1426962
Conc: 567.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



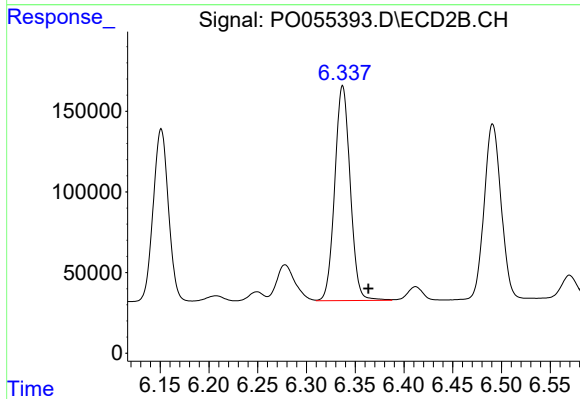
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: -0.026 min
Response: 1164237
Conc: 506.61 ng/ml



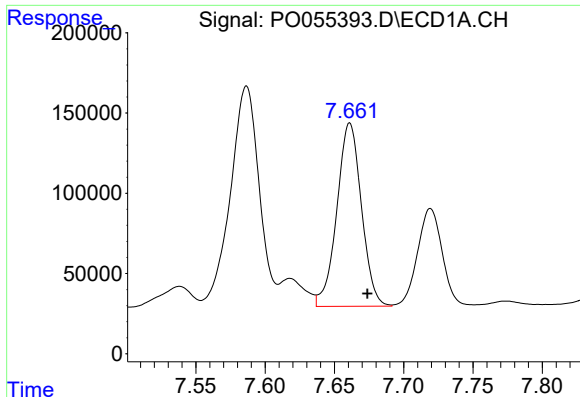
#32 AR-1260-2

R.T.: 7.305 min
Delta R.T.: -0.012 min
Response: 1840364
Conc: 592.99 ng/ml



#32 AR-1260-2

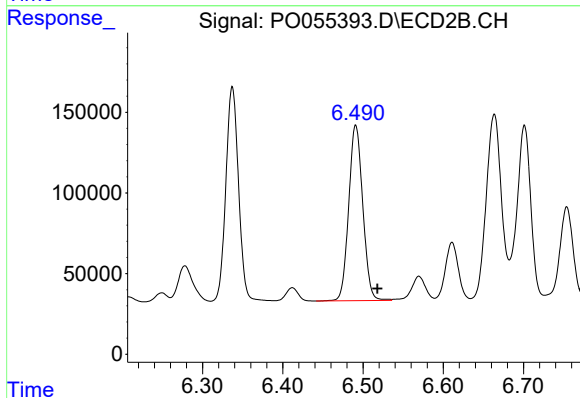
R.T.: 6.337 min
Delta R.T.: -0.026 min
Response: 1468826
Conc: 533.58 ng/ml



#33 AR-1260-3

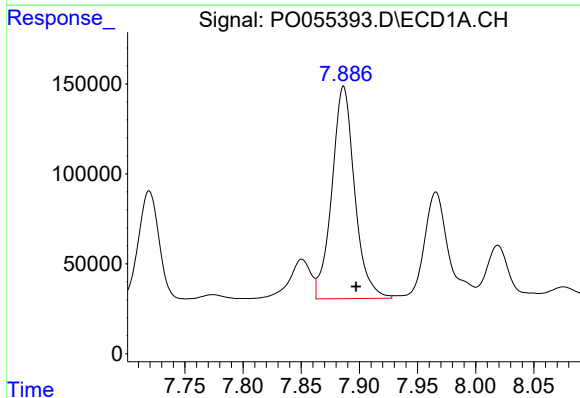
R.T.: 7.661 min
Delta R.T.: -0.013 min
Response: 1411921
Conc: 575.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



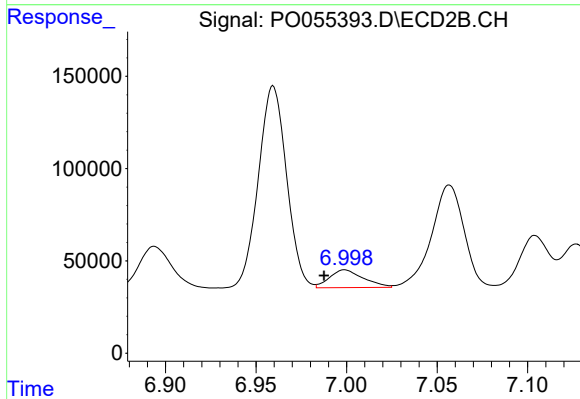
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: -0.027 min
Response: 1326920
Conc: 514.73 ng/ml



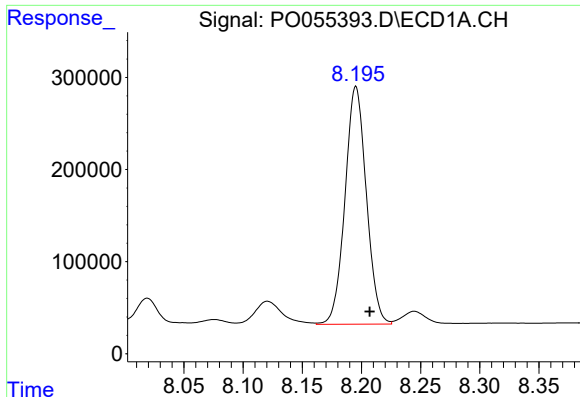
#34 AR-1260-4

R.T.: 7.886 min
Delta R.T.: -0.011 min
Response: 1607612
Conc: 581.20 ng/ml



#34 AR-1260-4

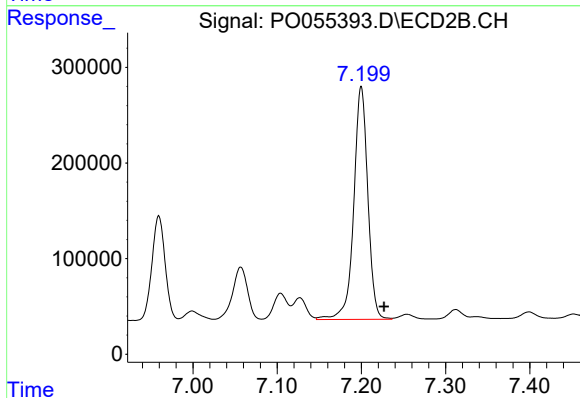
R.T.: 6.999 min
Delta R.T.: 0.011 min
Response: 125444
Conc: 58.94 ng/ml



#35 AR-1260-5

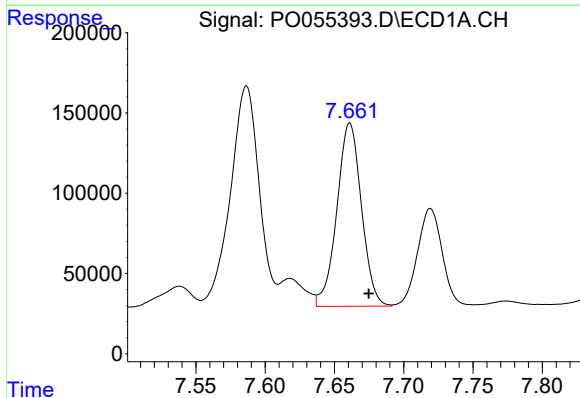
R.T.: 8.195 min
Delta R.T.: -0.012 min
Response: 3235207
Conc: 583.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



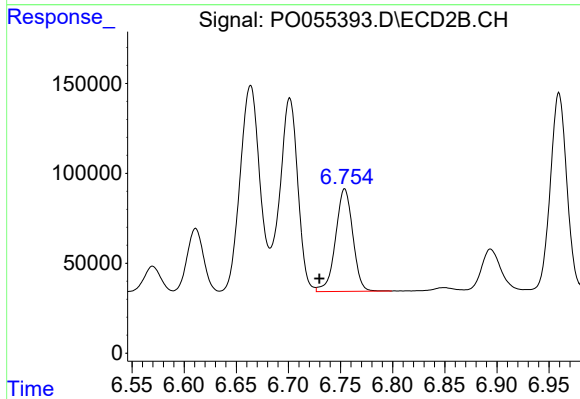
#35 AR-1260-5

R.T.: 7.200 min
Delta R.T.: -0.027 min
Response: 2828770
Conc: 590.64 ng/ml



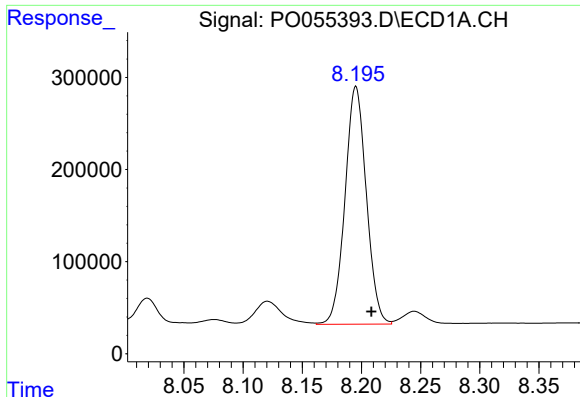
#36 AR-1262-1

R.T.: 7.661 min
Delta R.T.: -0.014 min
Response: 1411921
Conc: 423.74 ng/ml



#36 AR-1262-1

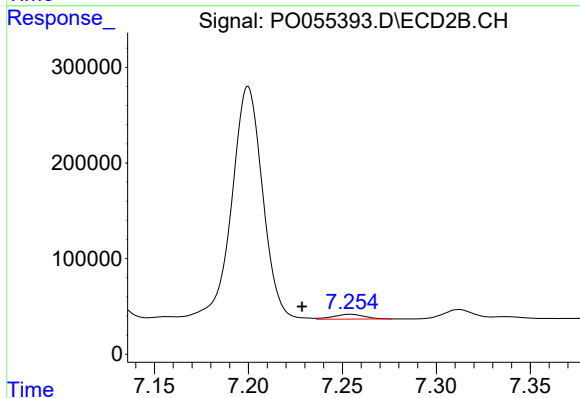
R.T.: 6.754 min
Delta R.T.: 0.024 min
Response: 655649
Conc: 220.39 ng/ml



#37 AR-1262-2

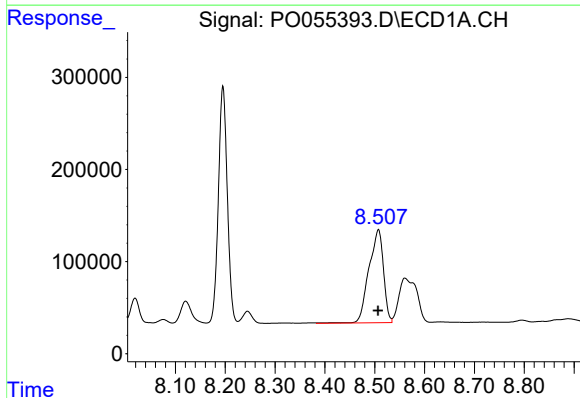
R.T.: 8.195 min
Delta R.T.: -0.013 min
Response: 3235207
Conc: 546.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



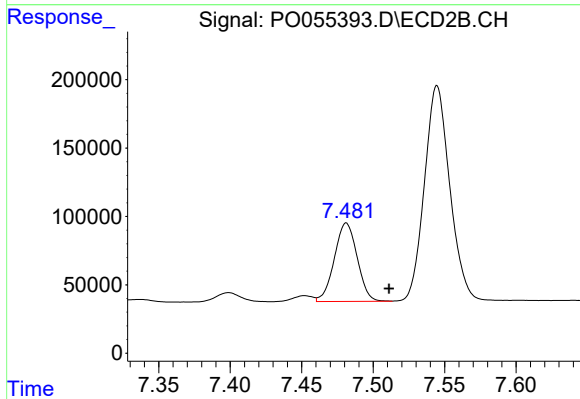
#37 AR-1262-2

R.T.: 7.254 min
Delta R.T.: 0.025 min
Response: 57417
Conc: 11.71 ng/ml



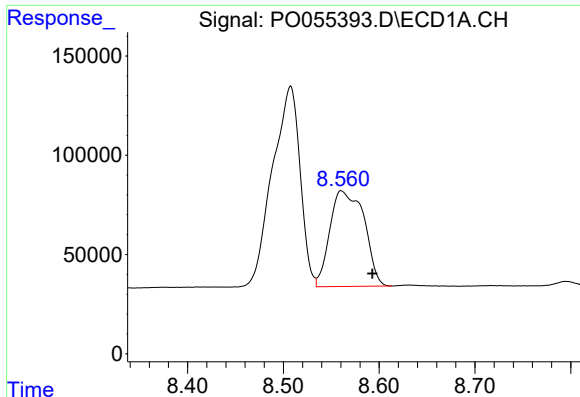
#38 AR-1262-3

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 2050321
Conc: 494.91 ng/ml



#38 AR-1262-3

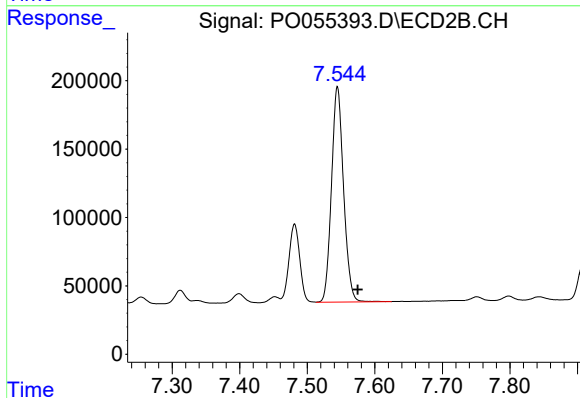
R.T.: 7.481 min
Delta R.T.: -0.030 min
Response: 638882
Conc: 311.13 ng/ml



#39 AR-1262-4

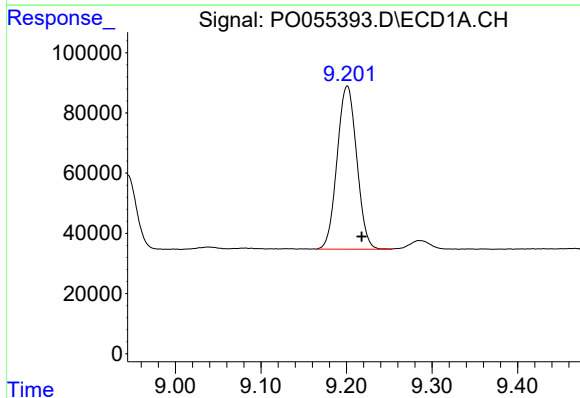
R.T.: 8.561 min
Delta R.T.: -0.032 min
Response: 1195435
Conc: 371.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



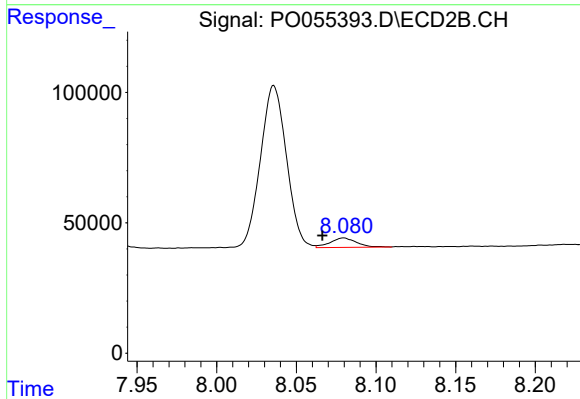
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: -0.030 min
Response: 1953749
Conc: 539.39 ng/ml



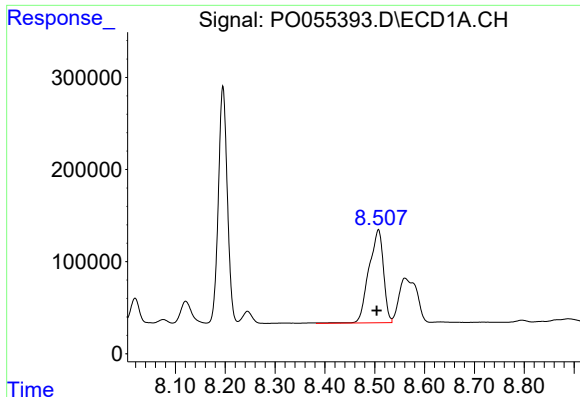
#40 AR-1262-5

R.T.: 9.201 min
Delta R.T.: -0.017 min
Response: 864737
Conc: 395.53 ng/ml



#40 AR-1262-5

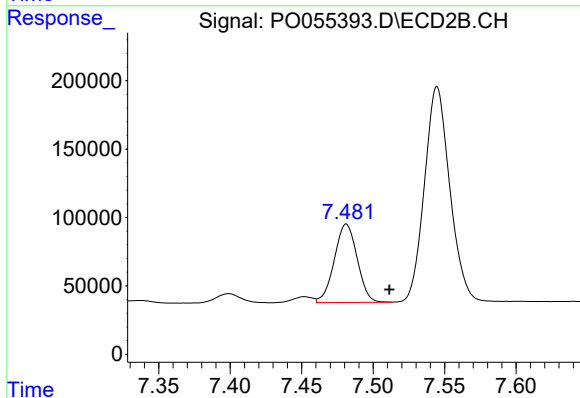
R.T.: 8.080 min
Delta R.T.: 0.013 min
Response: 42397
Conc: 26.27 ng/ml



#41 AR-1268-1

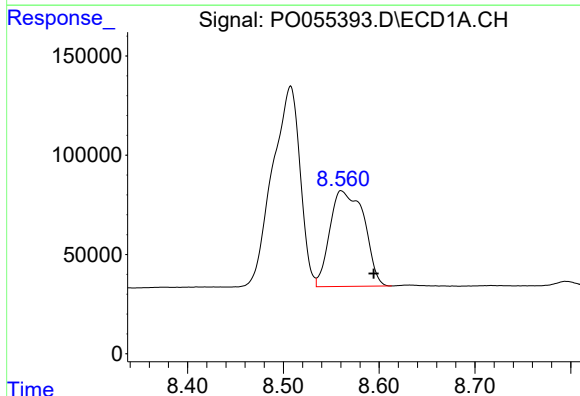
R.T.: 8.508 min
Delta R.T.: 0.003 min
Response: 2050321
Conc: 288.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



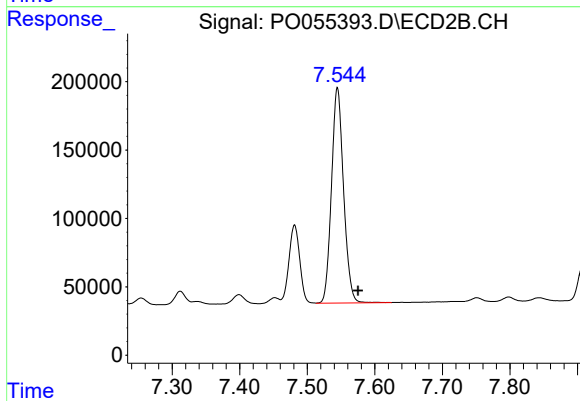
#41 AR-1268-1

R.T.: 7.481 min
Delta R.T.: -0.030 min
Response: 638882
Conc: 112.99 ng/ml



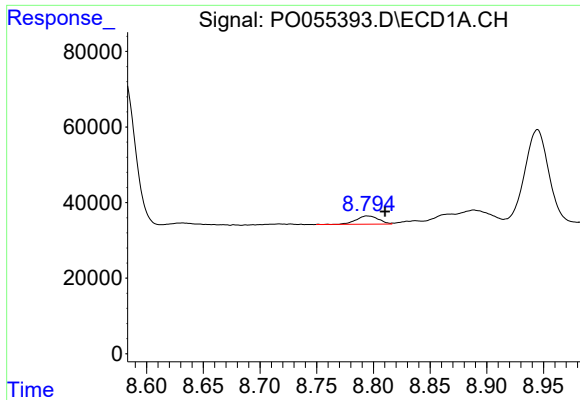
#42 AR-1268-2

R.T.: 8.561 min
Delta R.T.: -0.034 min
Response: 1195435
Conc: 182.45 ng/ml



#42 AR-1268-2

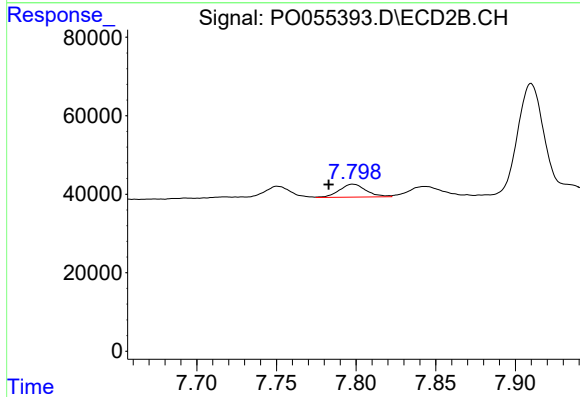
R.T.: 7.545 min
Delta R.T.: -0.030 min
Response: 1953749
Conc: 377.79 ng/ml



#43 AR-1268-3

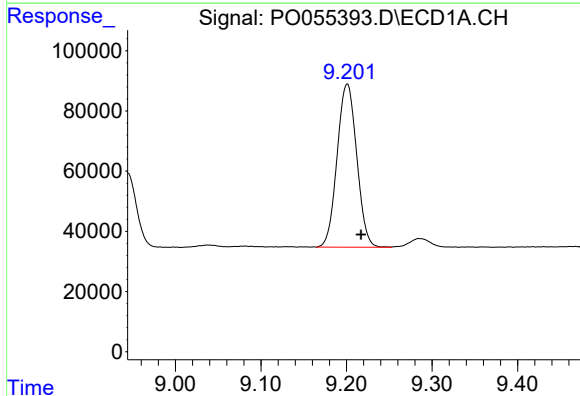
R.T.: 8.795 min
Delta R.T.: -0.015 min
Response: 30766
Conc: 5.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



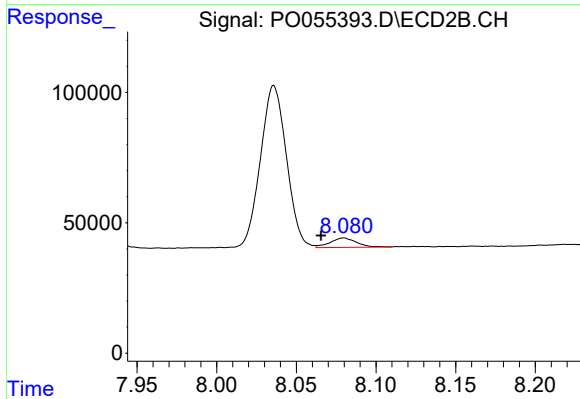
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: 0.015 min
Response: 38224
Conc: 8.88 ng/ml



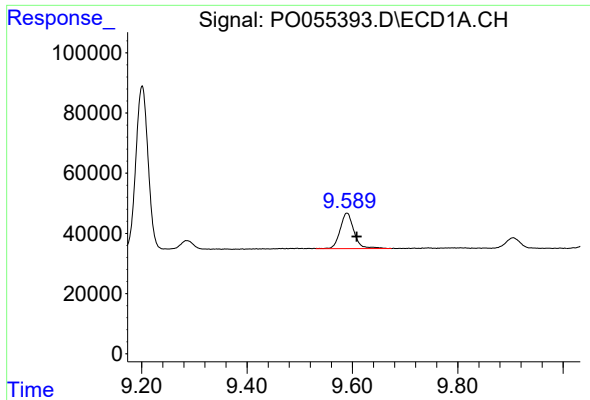
#44 AR-1268-4

R.T.: 9.201 min
Delta R.T.: -0.016 min
Response: 864737
Conc: 362.45 ng/ml



#44 AR-1268-4

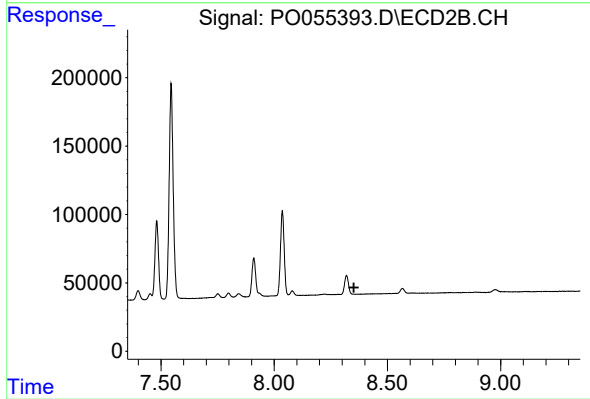
R.T.: 8.080 min
Delta R.T.: 0.014 min
Response: 42397
Conc: 22.87 ng/ml



#45 AR-1268-5

R.T.: 9.590 min
Delta R.T.: -0.018 min
Response: 214864
Conc: 13.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW-M_041619_WCS



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.352 min
Response: 0
Conc: N.D.