

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059192.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Aug 2019 19:43
 Operator : SM/SJ
 Sample : K4267-02DL 20X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PS-02DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:10:05 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...	4.154	3.513	54009	50834	1.280	1.272
2)	SA Decachlor...	9.663	8.392	59981	40264	1.108	1.020
Target Compounds							
3)	L1 AR-1016-1	5.333	4.584	86160	32836	45.978	22.521 #
4)	L1 AR-1016-2	5.333	4.615	86160	17403	31.313	8.107 #
5)	L1 AR-1016-3	5.393	4.758	37727	20103	22.219	17.701
6)	L1 AR-1016-4	5.490	4.798	24667	647935	17.630	686.880 #
7)	L1 AR-1016-5	5.819	5.006	26692	341498	18.634	277.317 #
8)	L2 AR-1221-1	4.380	0.000	121347	0	267.127	N.D. #
9)	L2 AR-1221-2	4.529	0.000	212347	0	615.896	N.D. #
10)	L2 AR-1221-3	4.529	0.000	212347	0	193.644	N.D. #
11)	L3 AR-1232-1	4.529	0.000	212347	0	235.207	N.D. #
12)	L3 AR-1232-2	5.047	4.615	116168	17403	236.162	20.583 #
13)	L3 AR-1232-3	5.333	4.758	86160	20103	80.468	45.712 #
14)	L3 AR-1232-4	5.490	4.868	24667	36665	46.271	92.760 #
15)	L3 AR-1232-5	5.620	5.006	259873	341498	636.846	775.690
16)	L4 AR-1242-1	5.333	4.584	86160	32836	67.284	32.345 #
17)	L4 AR-1242-2	5.333	4.615	86160	17403	45.547	11.528 #
18)	L4 AR-1242-3	5.393	4.758	37727	20103	32.162	24.685
19)	L4 AR-1242-4	5.490	4.868	24667	36665	25.669	45.320 #
20)	L4 AR-1242-5	6.218	5.351	503027	1590019	428.264	1482.278 #
21)	L5 AR-1248-1	5.333	4.584	86160	32836	85.223	41.063 #
22)	L5 AR-1248-2	5.620	4.798	259873	647935	179.769	584.781 #
23)	L5 AR-1248-3	5.819	4.868	26692	36665	16.250	32.215 #
24)	L5 AR-1248-4	6.218	5.006	503027	341498	248.378	244.453
25)	L5 AR-1248-5	6.218	5.422	503027	207246	260.589	149.608 #
26)	L6 AR-1254-1	6.179	5.351	813408	1590019	344.476	613.779 #
27)	L6 AR-1254-2	6.366	5.496	2441813	1434342	633.587	626.507
28)	L6 AR-1254-3	6.733	5.892	2355850	2069033	581.744	562.335
29)	L6 AR-1254-4	7.016	6.147	1982238	286559	550.523	123.240 #
30)	L6 AR-1254-5	7.463	6.529	340149	1848859	93.840	535.970 #
31)	L7 AR-1260-1	6.892	6.019	1083667	934963	376.385	392.833
32)	L7 AR-1260-2	7.147	6.206	1325582	940766	318.645	310.555
33)	L7 AR-1260-3	7.497	6.355	328707	858835	88.268	318.106 #
34)	L7 AR-1260-4	7.725	6.859	734101	396564	215.419	175.508
35)	L7 AR-1260-5	8.037	7.094	449068	62790	61.058	11.659 #
36)	L8 AR-1262-1	7.497	6.597	328707	144465	65.216	40.447 #
37)	L8 AR-1262-2	8.037	7.094	449068	62790	56.422	11.121 #
38)	L8 AR-1262-3	8.342	7.337	234448	27464	46.120	11.128 #
39)	L8 AR-1262-4	8.388	7.402	111213	216254	29.347	50.929 #
40)	L8 AR-1262-5	9.004	0.000	36502	0	15.887	N.D. #
41)	L9 AR-1268-1	8.342	7.337	234448	27464	20.990	3.372 #

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 ALS Vial : 38 Sample Multiplier: 1

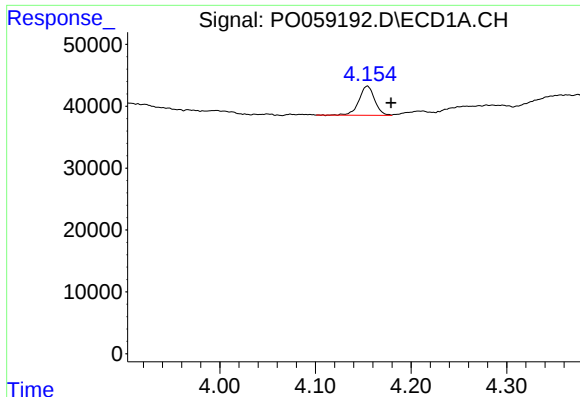
Instrument :
 ECD_O
 ClientSampleId :
 PS-02DL

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
42) L9	AR-1268-2	8.388	7.402	111213	216254	11.840	28.540 #
43) L9	AR-1268-3	8.604	0.000	27835	0	3.370	N.D. #
44) L9	AR-1268-4	9.004	0.000	36502	0	12.211	N.D. #
45) L9	AR-1268-5	9.371	0.000	18189	0	0.847	N.D. #

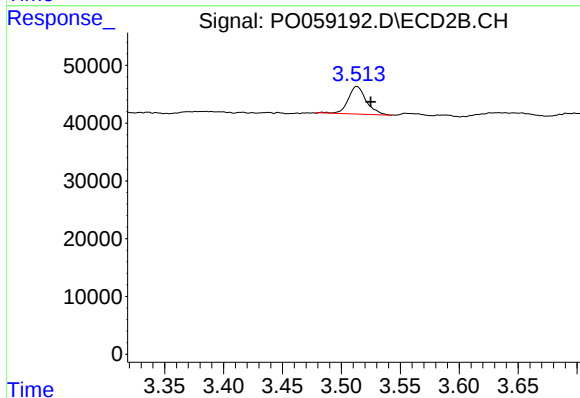
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

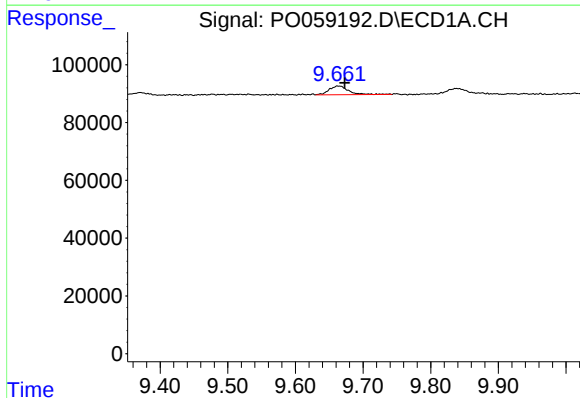
R.T.: 4.154 min
Delta R.T.: -0.025 min
Response: 54009
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



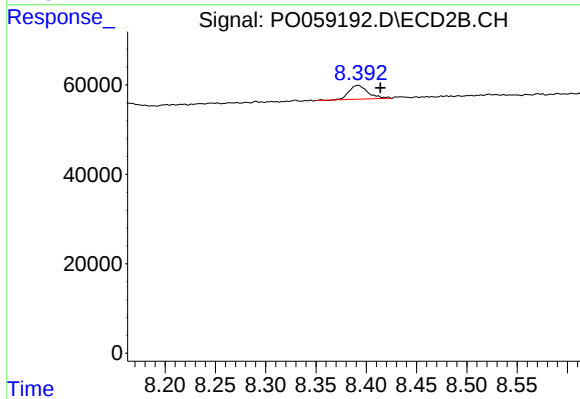
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.012 min
Response: 50834
Conc: 1.27 ng/ml



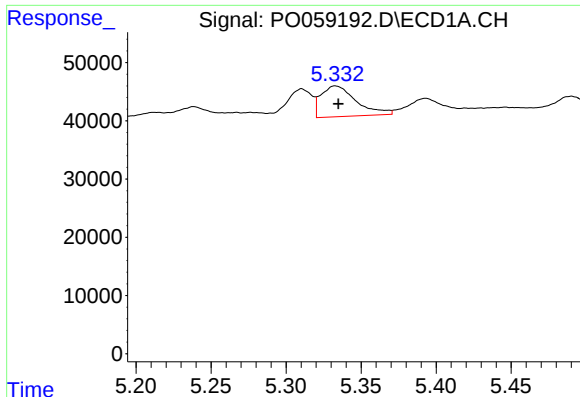
#2 Decachlorobiphenyl

R.T.: 9.663 min
Delta R.T.: -0.010 min
Response: 59981
Conc: 1.11 ng/ml



#2 Decachlorobiphenyl

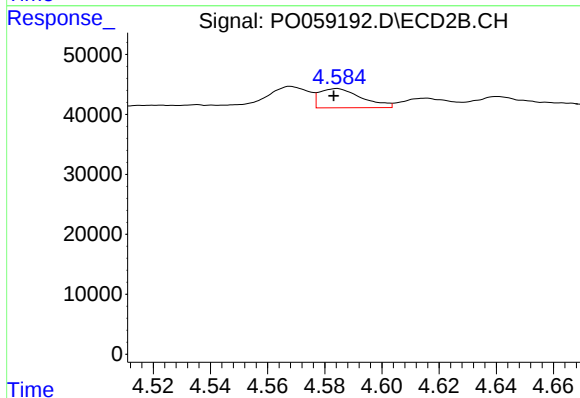
R.T.: 8.392 min
Delta R.T.: -0.022 min
Response: 40264
Conc: 1.02 ng/ml



#3 AR-1016-1

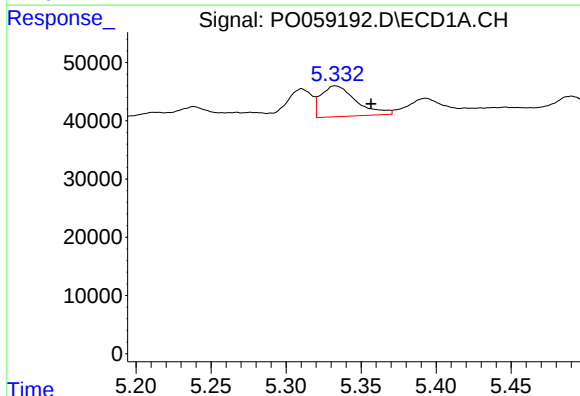
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 86160
Conc: 45.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



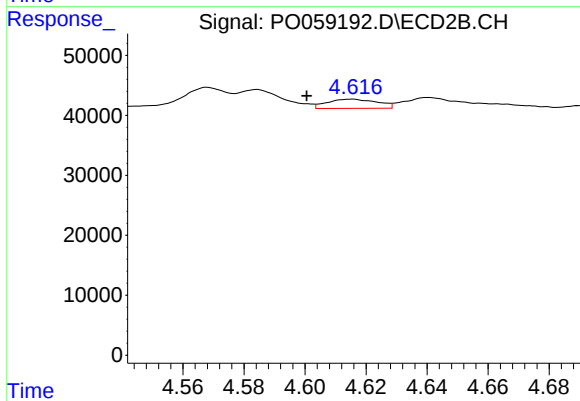
#3 AR-1016-1

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 32836
Conc: 22.52 ng/ml



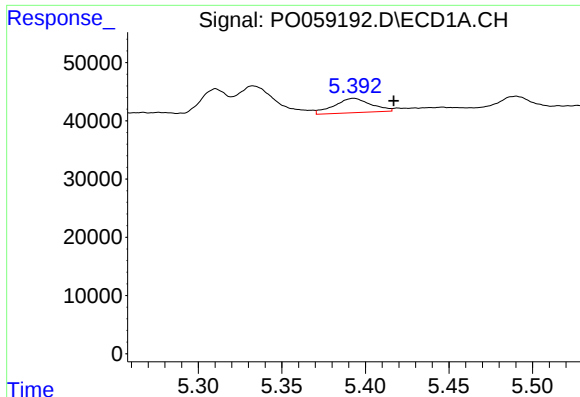
#4 AR-1016-2

R.T.: 5.333 min
Delta R.T.: -0.024 min
Response: 86160
Conc: 31.31 ng/ml



#4 AR-1016-2

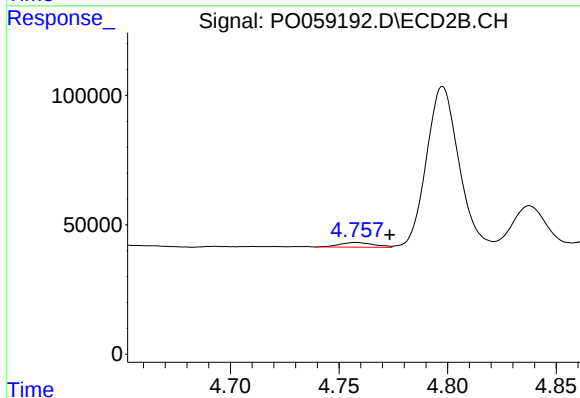
R.T.: 4.615 min
Delta R.T.: 0.015 min
Response: 17403
Conc: 8.11 ng/ml



#5 AR-1016-3

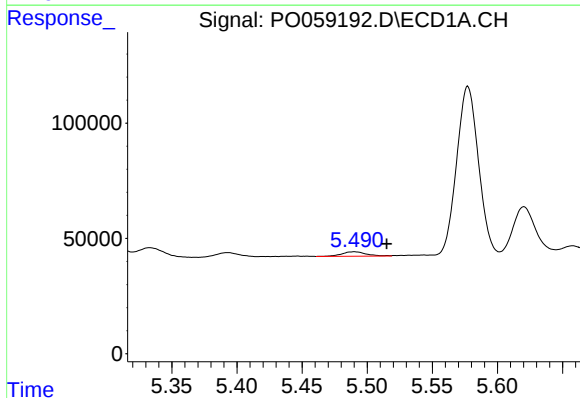
R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 37727
Conc: 22.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



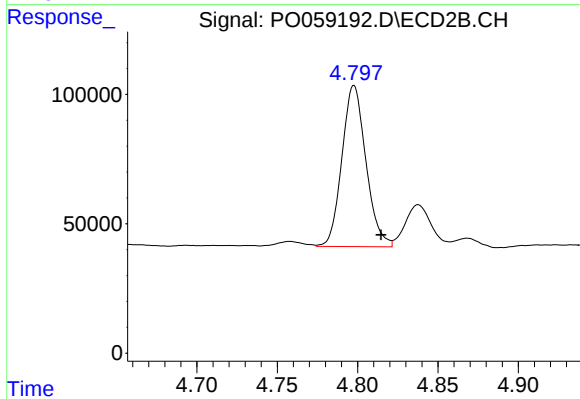
#5 AR-1016-3

R.T.: 4.758 min
Delta R.T.: -0.016 min
Response: 20103
Conc: 17.70 ng/ml



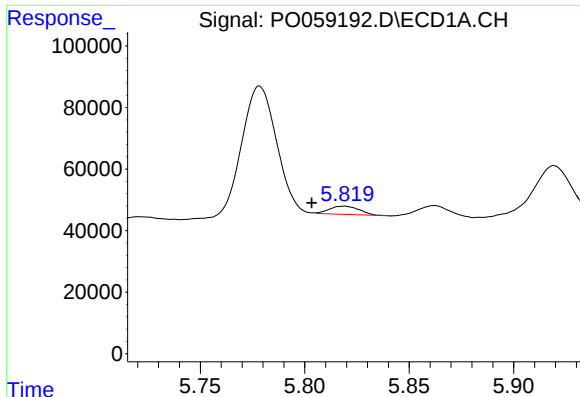
#6 AR-1016-4

R.T.: 5.490 min
Delta R.T.: -0.025 min
Response: 24667
Conc: 17.63 ng/ml



#6 AR-1016-4

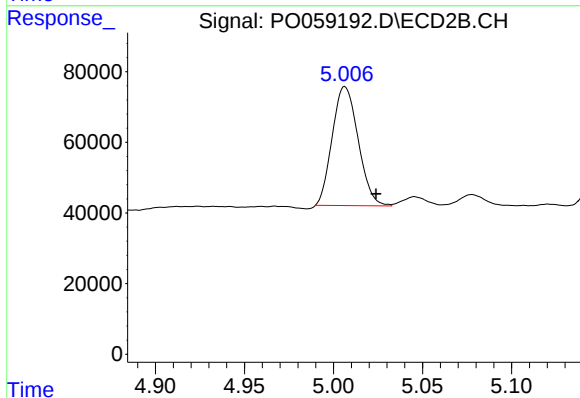
R.T.: 4.798 min
Delta R.T.: -0.017 min
Response: 647935
Conc: 686.88 ng/ml



#7 AR-1016-5

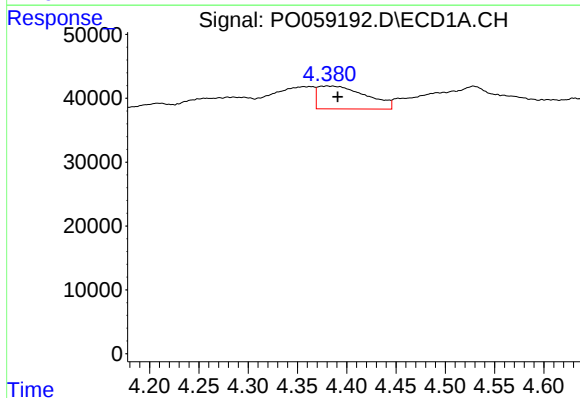
R.T.: 5.819 min
Delta R.T.: 0.015 min
Response: 26692
Conc: 18.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



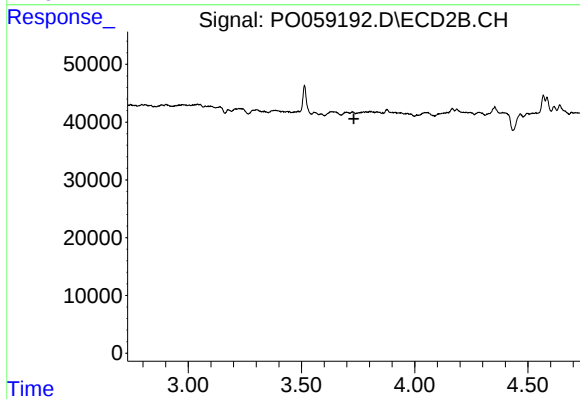
#7 AR-1016-5

R.T.: 5.006 min
Delta R.T.: -0.017 min
Response: 341498
Conc: 277.32 ng/ml



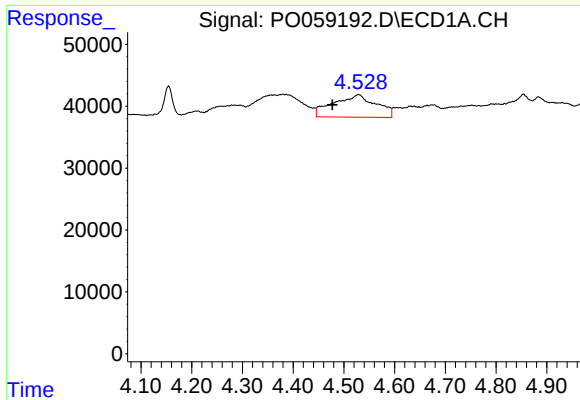
#8 AR-1221-1

R.T.: 4.380 min
Delta R.T.: -0.011 min
Response: 121347
Conc: 267.13 ng/ml



#8 AR-1221-1

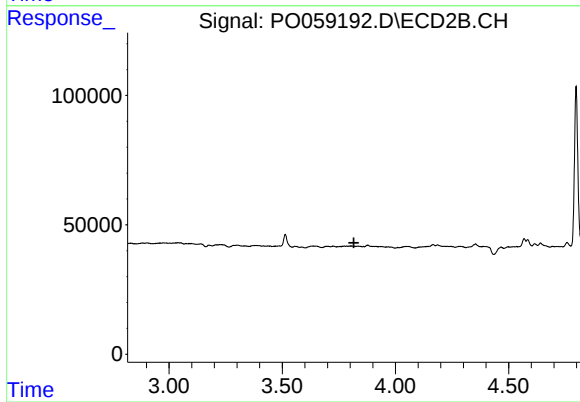
R.T.: 0.000 min
Exp R.T.: 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

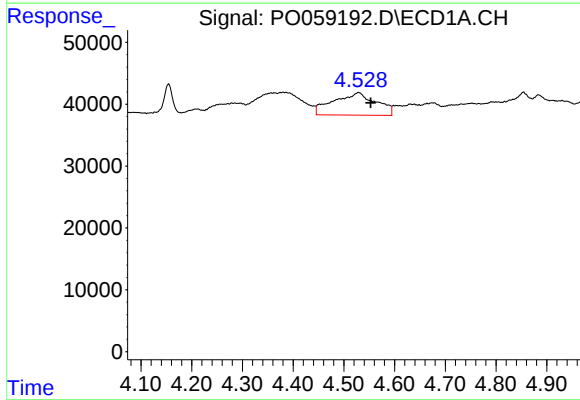
R.T.: 4.529 min
Delta R.T.: 0.052 min
Response: 212347
Conc: 615.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



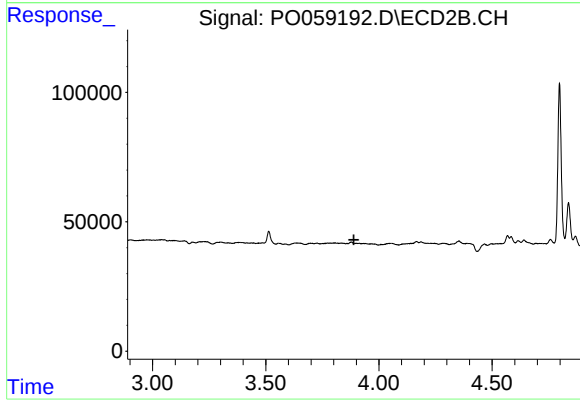
#9 AR-1221-2

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



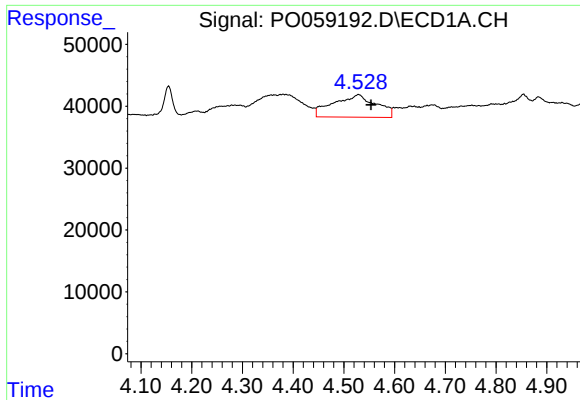
#10 AR-1221-3

R.T.: 4.529 min
Delta R.T.: -0.024 min
Response: 212347
Conc: 193.64 ng/ml



#10 AR-1221-3

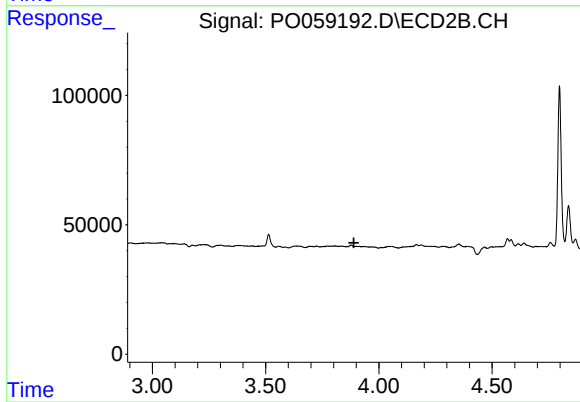
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

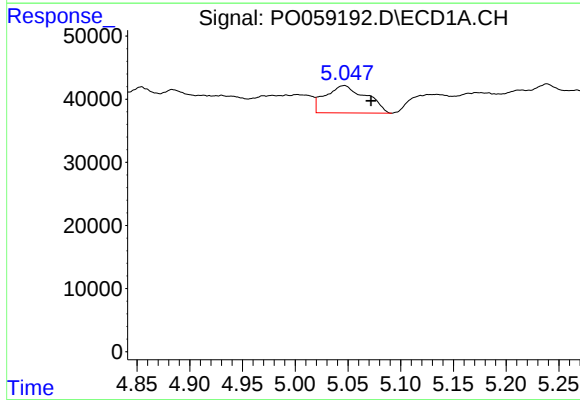
R.T.: 4.529 min
Delta R.T.: -0.025 min
Response: 212347
Conc: 235.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



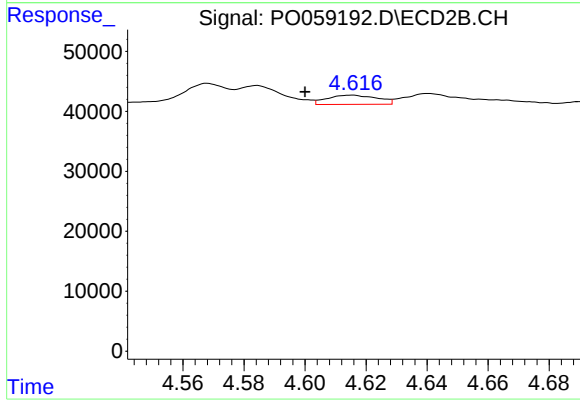
#11 AR-1232-1

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



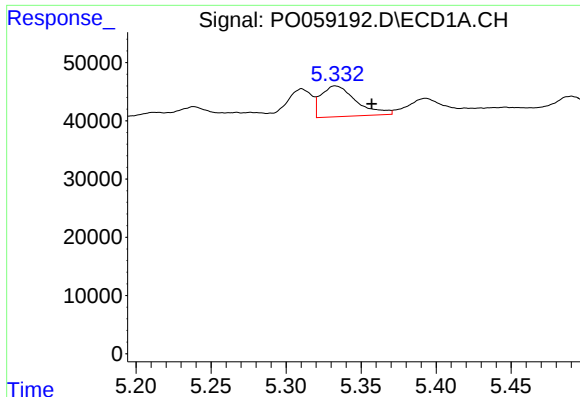
#12 AR-1232-2

R.T.: 5.047 min
Delta R.T.: -0.025 min
Response: 116168
Conc: 236.16 ng/ml



#12 AR-1232-2

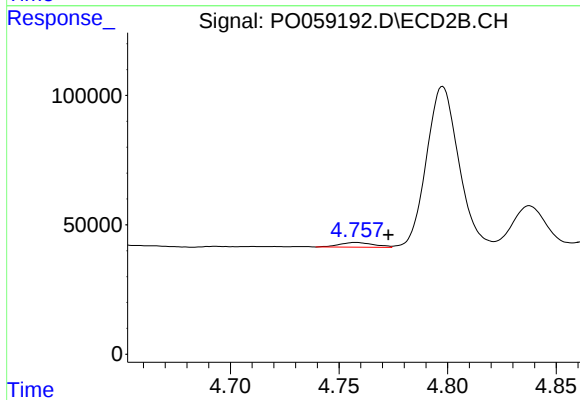
R.T.: 4.615 min
Delta R.T.: 0.015 min
Response: 17403
Conc: 20.58 ng/ml



#13 AR-1232-3

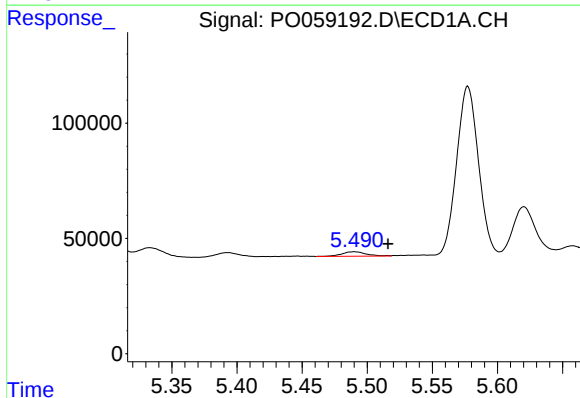
R.T.: 5.333 min
Delta R.T.: -0.024 min
Response: 86160
Conc: 80.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



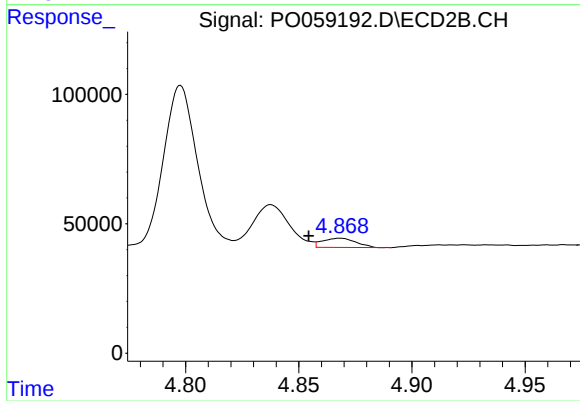
#13 AR-1232-3

R.T.: 4.758 min
Delta R.T.: -0.015 min
Response: 20103
Conc: 45.71 ng/ml



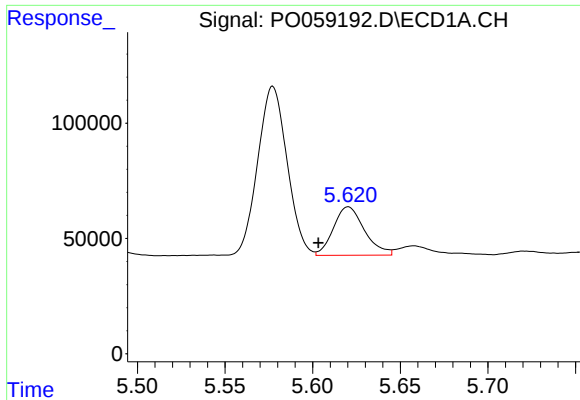
#14 AR-1232-4

R.T.: 5.490 min
Delta R.T.: -0.026 min
Response: 24667
Conc: 46.27 ng/ml



#14 AR-1232-4

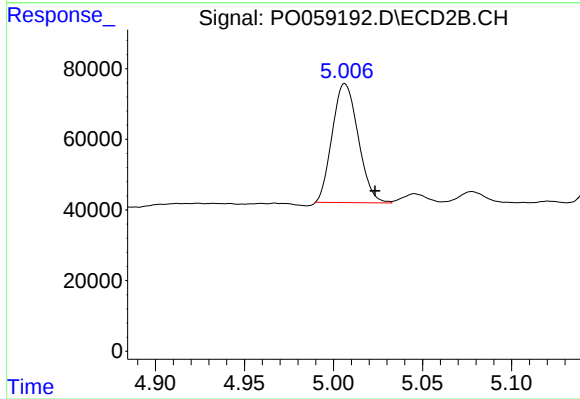
R.T.: 4.868 min
Delta R.T.: 0.014 min
Response: 36665
Conc: 92.76 ng/ml



#15 AR-1232-5

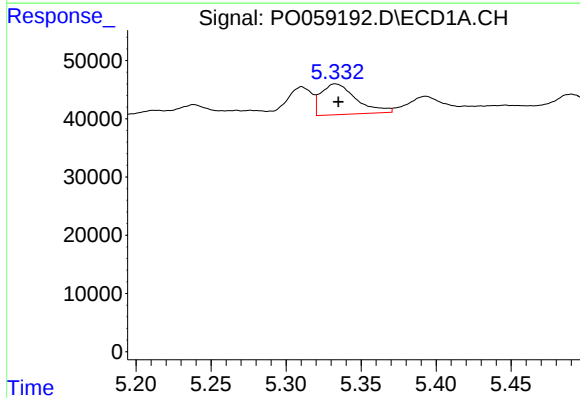
R.T.: 5.620 min
Delta R.T.: 0.017 min
Response: 259873
Conc: 636.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



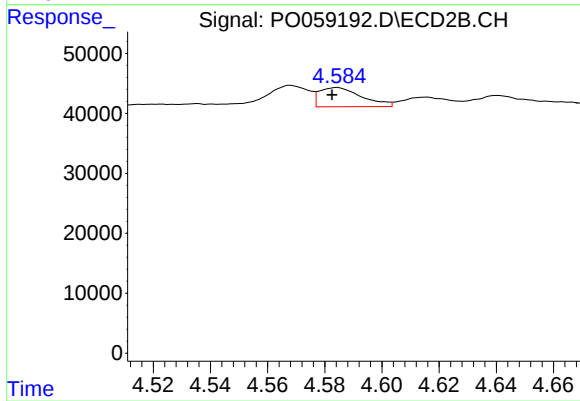
#15 AR-1232-5

R.T.: 5.006 min
Delta R.T.: -0.017 min
Response: 341498
Conc: 775.69 ng/ml



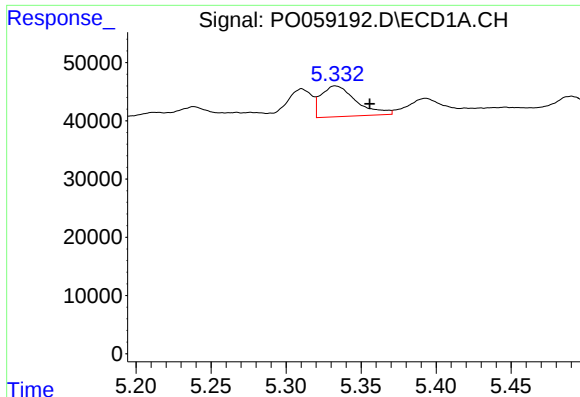
#16 AR-1242-1

R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 86160
Conc: 67.28 ng/ml



#16 AR-1242-1

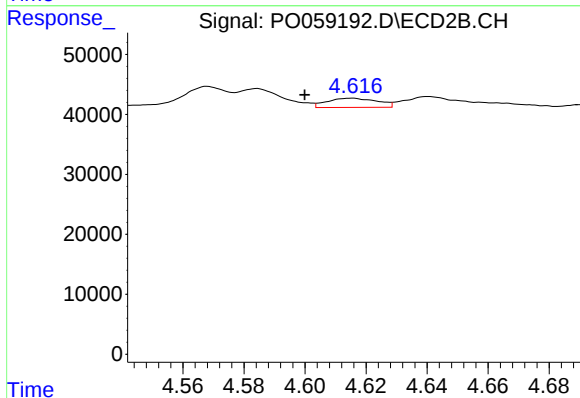
R.T.: 4.584 min
Delta R.T.: 0.002 min
Response: 32836
Conc: 32.35 ng/ml



#17 AR-1242-2

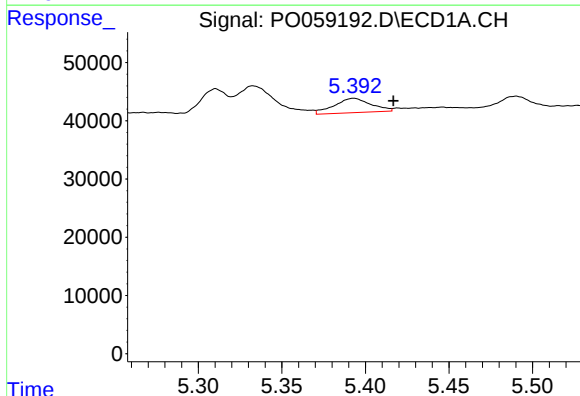
R.T.: 5.333 min
Delta R.T.: -0.023 min
Response: 86160
Conc: 45.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



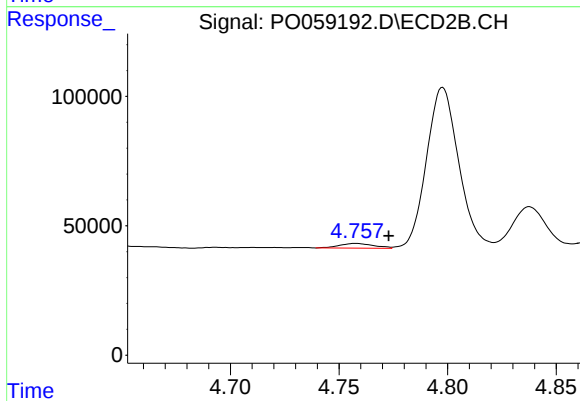
#17 AR-1242-2

R.T.: 4.615 min
Delta R.T.: 0.015 min
Response: 17403
Conc: 11.53 ng/ml



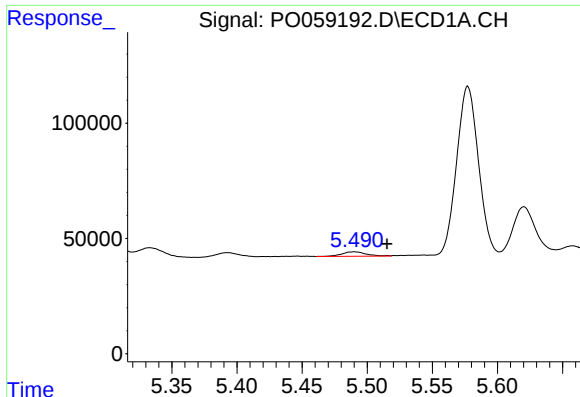
#18 AR-1242-3

R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 37727
Conc: 32.16 ng/ml



#18 AR-1242-3

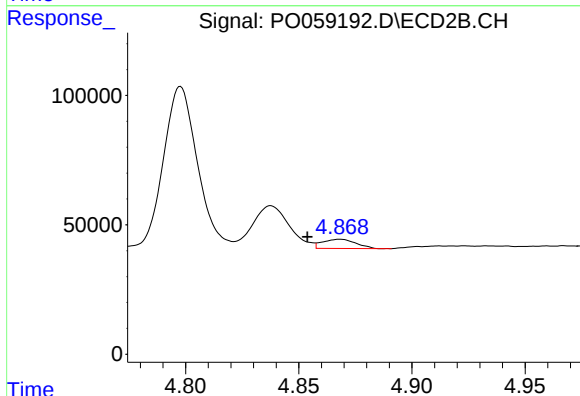
R.T.: 4.758 min
Delta R.T.: -0.015 min
Response: 20103
Conc: 24.69 ng/ml



#19 AR-1242-4

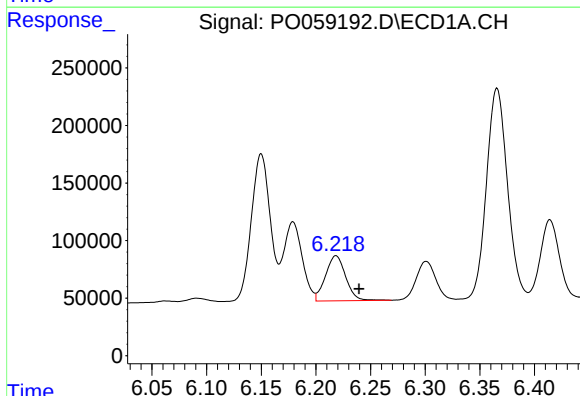
R.T.: 5.490 min
Delta R.T.: -0.025 min
Response: 24667
Conc: 25.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



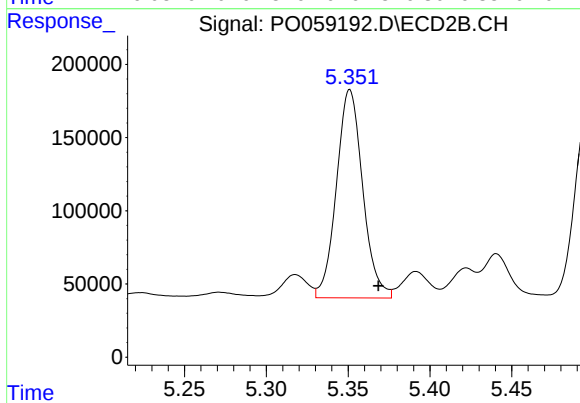
#19 AR-1242-4

R.T.: 4.868 min
Delta R.T.: 0.014 min
Response: 36665
Conc: 45.32 ng/ml



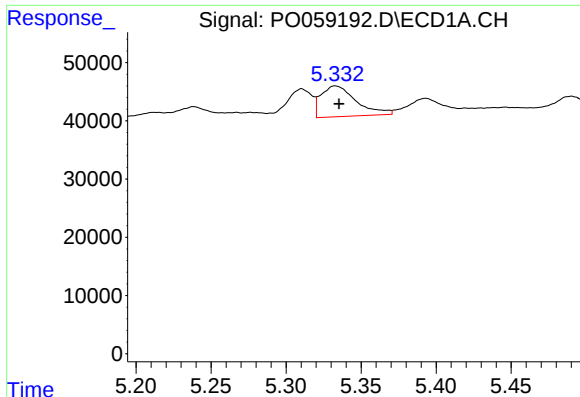
#20 AR-1242-5

R.T.: 6.218 min
Delta R.T.: -0.021 min
Response: 503027
Conc: 428.26 ng/ml



#20 AR-1242-5

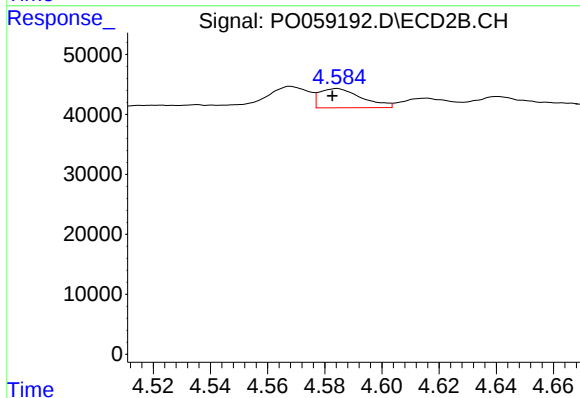
R.T.: 5.351 min
Delta R.T.: -0.017 min
Response: 1590019
Conc: 1482.28 ng/ml



#21 AR-1248-1

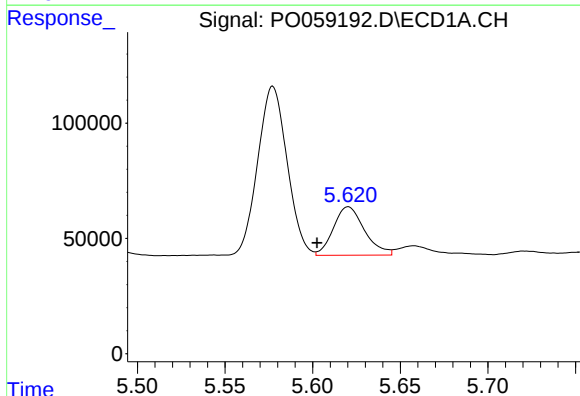
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 86160
Conc: 85.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



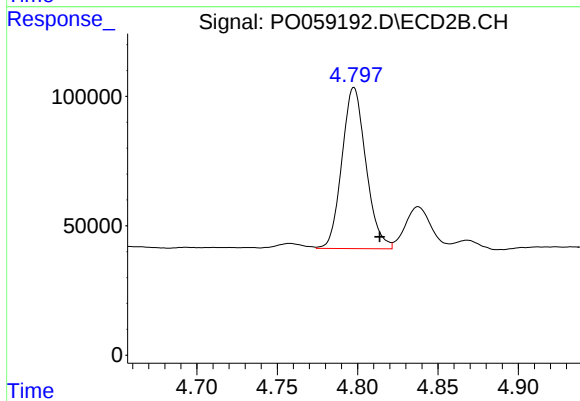
#21 AR-1248-1

R.T.: 4.584 min
Delta R.T.: 0.002 min
Response: 32836
Conc: 41.06 ng/ml



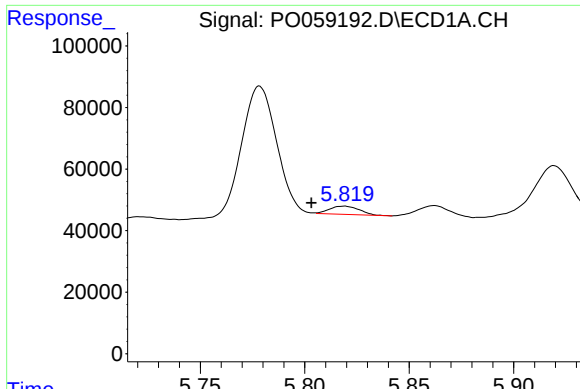
#22 AR-1248-2

R.T.: 5.620 min
Delta R.T.: 0.018 min
Response: 259873
Conc: 179.77 ng/ml



#22 AR-1248-2

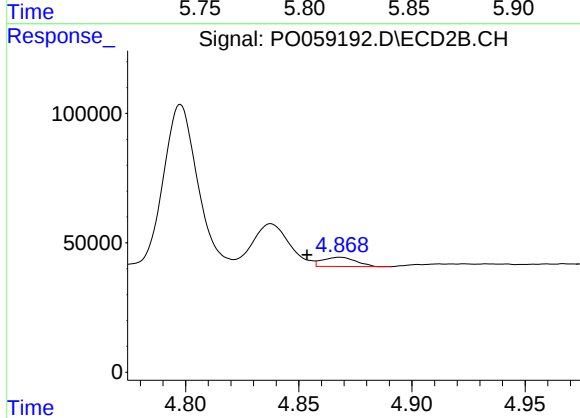
R.T.: 4.798 min
Delta R.T.: -0.016 min
Response: 647935
Conc: 584.78 ng/ml



#23 AR-1248-3

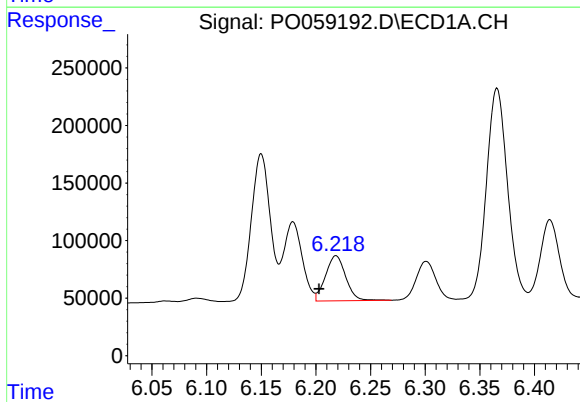
R.T.: 5.819 min
Delta R.T.: 0.015 min
Response: 26692
Conc: 16.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



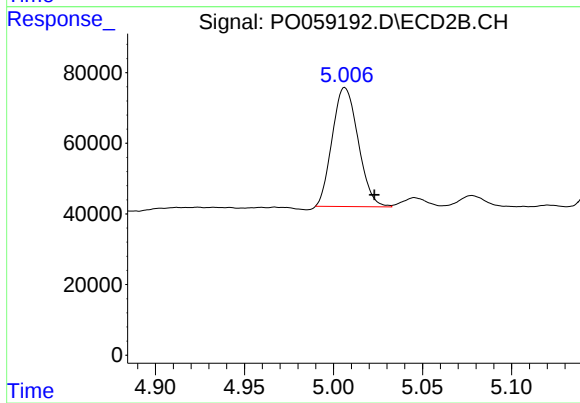
#23 AR-1248-3

R.T.: 4.868 min
Delta R.T.: 0.015 min
Response: 36665
Conc: 32.21 ng/ml



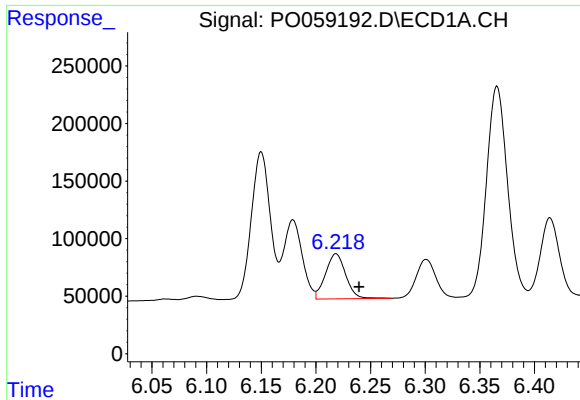
#24 AR-1248-4

R.T.: 6.218 min
Delta R.T.: 0.016 min
Response: 503027
Conc: 248.38 ng/ml



#24 AR-1248-4

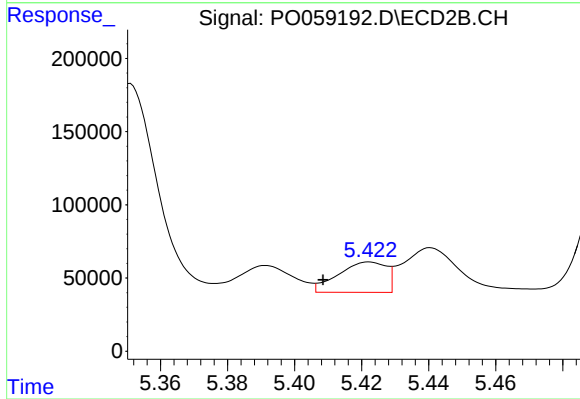
R.T.: 5.006 min
Delta R.T.: -0.016 min
Response: 341498
Conc: 244.45 ng/ml



#25 AR-1248-5

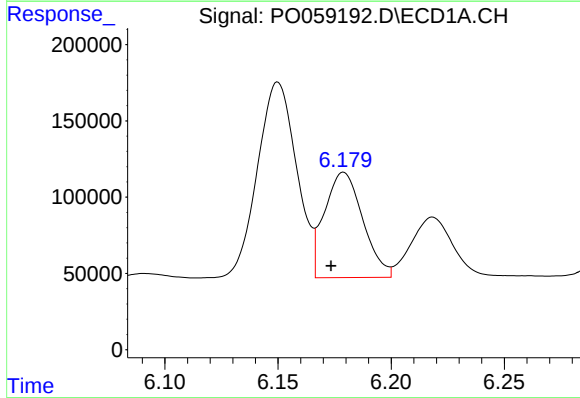
R.T.: 6.218 min
Delta R.T.: -0.021 min
Response: 503027
Conc: 260.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



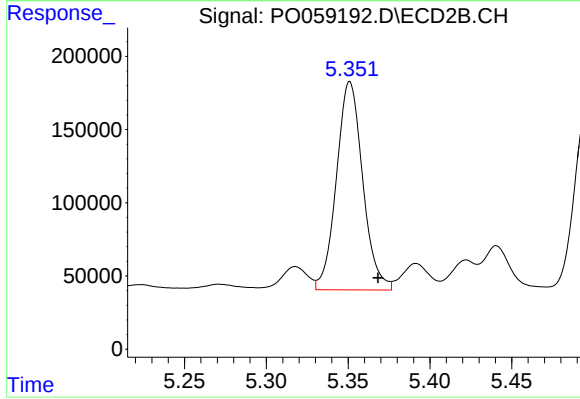
#25 AR-1248-5

R.T.: 5.422 min
Delta R.T.: 0.014 min
Response: 207246
Conc: 149.61 ng/ml



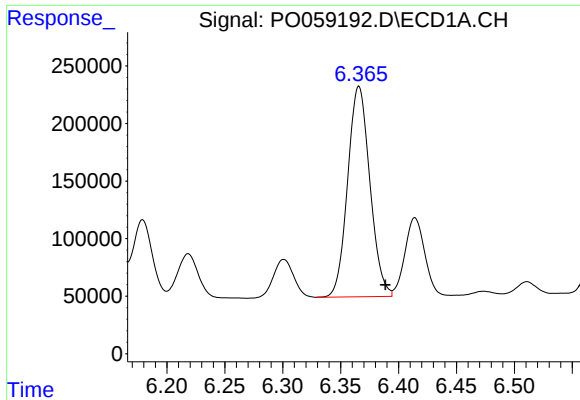
#26 AR-1254-1

R.T.: 6.179 min
Delta R.T.: 0.006 min
Response: 813408
Conc: 344.48 ng/ml



#26 AR-1254-1

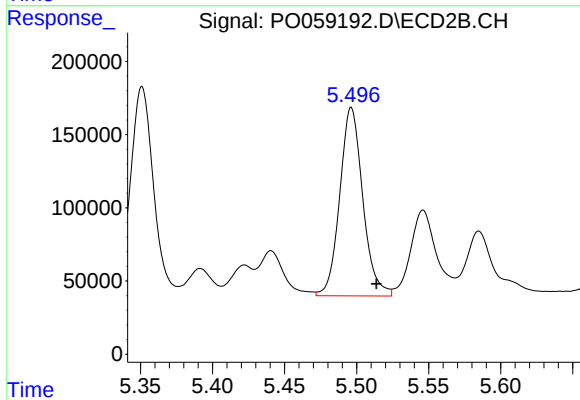
R.T.: 5.351 min
Delta R.T.: -0.017 min
Response: 1590019
Conc: 613.78 ng/ml



#27 AR-1254-2

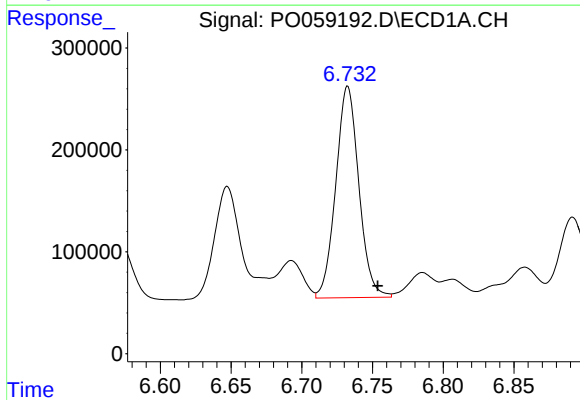
R.T.: 6.366 min
Delta R.T.: -0.023 min
Response: 2441813
Conc: 633.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



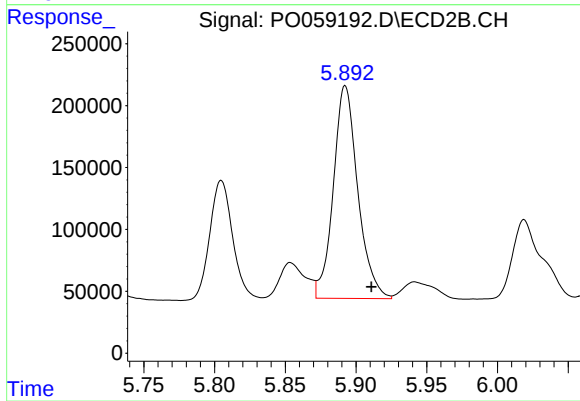
#27 AR-1254-2

R.T.: 5.496 min
Delta R.T.: -0.017 min
Response: 1434342
Conc: 626.51 ng/ml



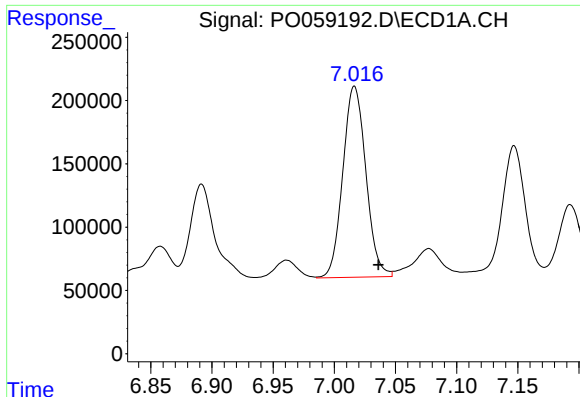
#28 AR-1254-3

R.T.: 6.733 min
Delta R.T.: -0.021 min
Response: 2355850
Conc: 581.74 ng/ml



#28 AR-1254-3

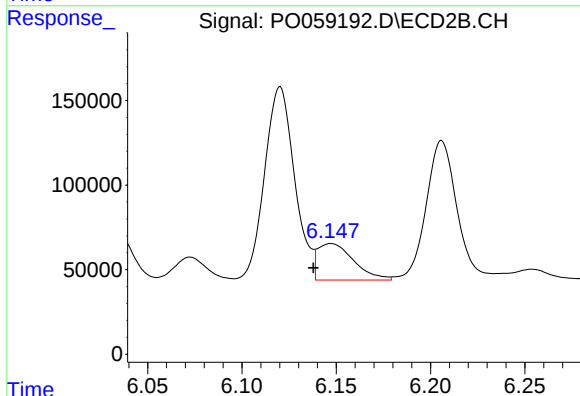
R.T.: 5.892 min
Delta R.T.: -0.018 min
Response: 2069033
Conc: 562.33 ng/ml



#29 AR-1254-4

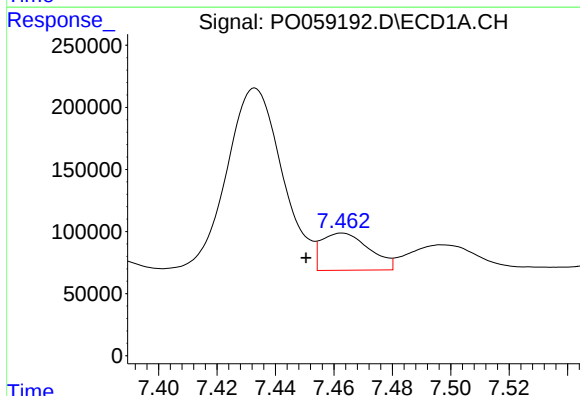
R.T.: 7.016 min
Delta R.T.: -0.020 min
Response: 1982238
Conc: 550.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



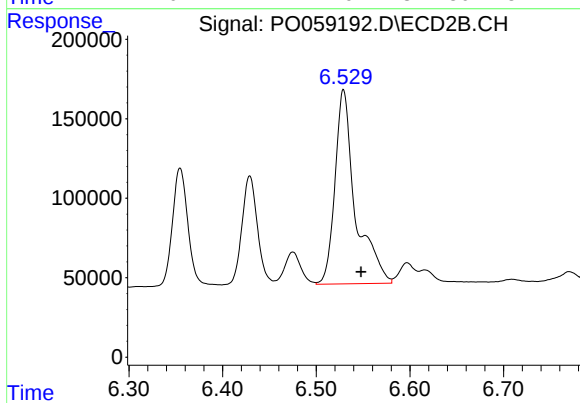
#29 AR-1254-4

R.T.: 6.147 min
Delta R.T.: 0.010 min
Response: 286559
Conc: 123.24 ng/ml



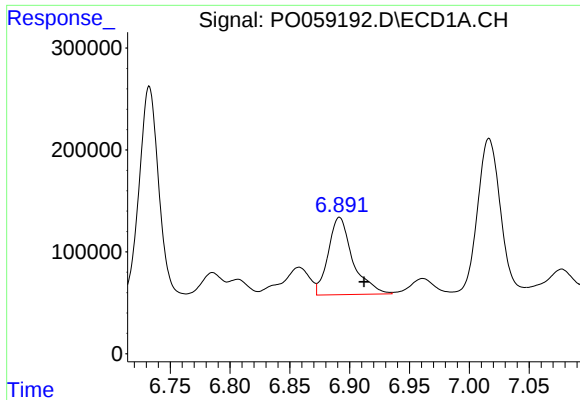
#30 AR-1254-5

R.T.: 7.463 min
Delta R.T.: 0.012 min
Response: 340149
Conc: 93.84 ng/ml



#30 AR-1254-5

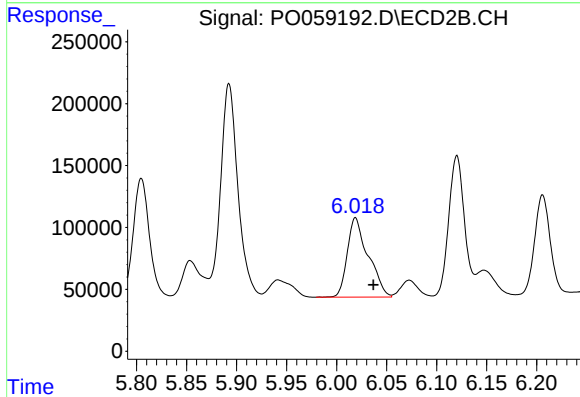
R.T.: 6.529 min
Delta R.T.: -0.019 min
Response: 1848859
Conc: 535.97 ng/ml



#31 AR-1260-1

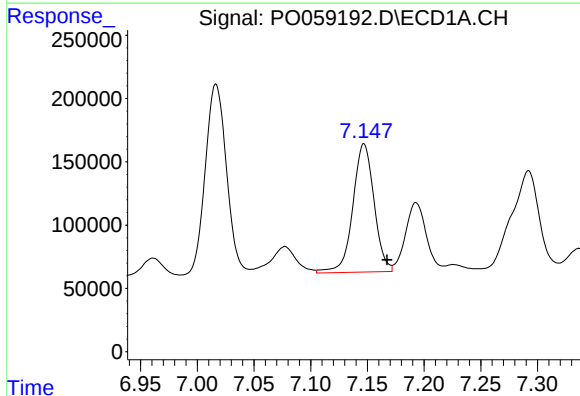
R.T.: 6.892 min
Delta R.T.: -0.020 min
Response: 1083667
Conc: 376.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



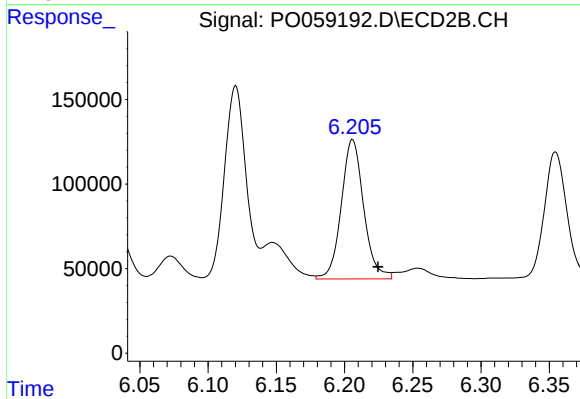
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: -0.018 min
Response: 934963
Conc: 392.83 ng/ml



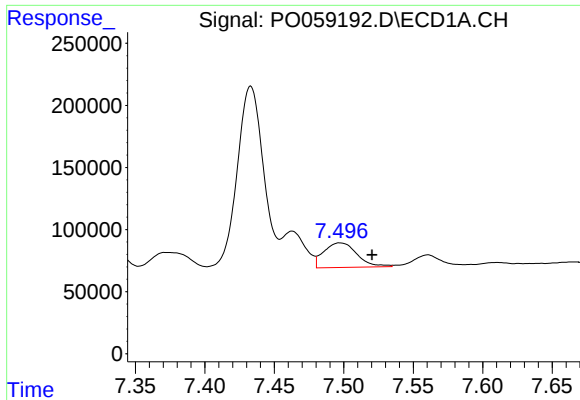
#32 AR-1260-2

R.T.: 7.147 min
Delta R.T.: -0.020 min
Response: 1325582
Conc: 318.65 ng/ml



#32 AR-1260-2

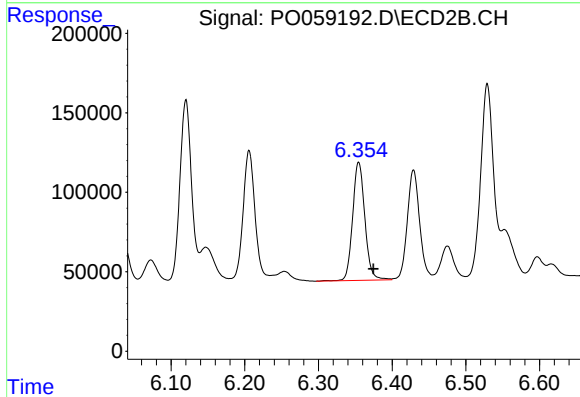
R.T.: 6.206 min
Delta R.T.: -0.019 min
Response: 940766
Conc: 310.56 ng/ml



#33 AR-1260-3

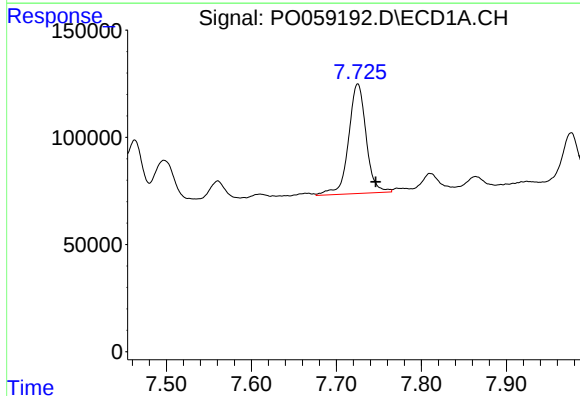
R.T.: 7.497 min
Delta R.T.: -0.023 min
Response: 328707
Conc: 88.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



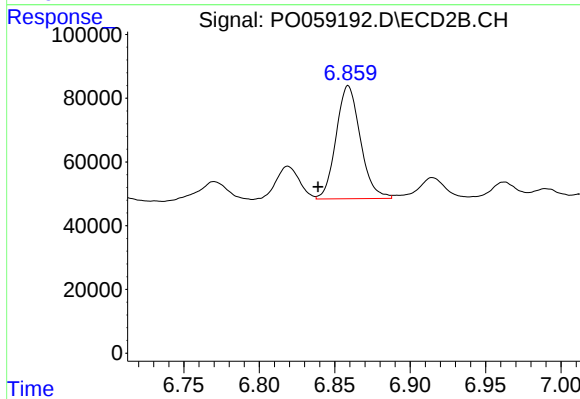
#33 AR-1260-3

R.T.: 6.355 min
Delta R.T.: -0.020 min
Response: 858835
Conc: 318.11 ng/ml



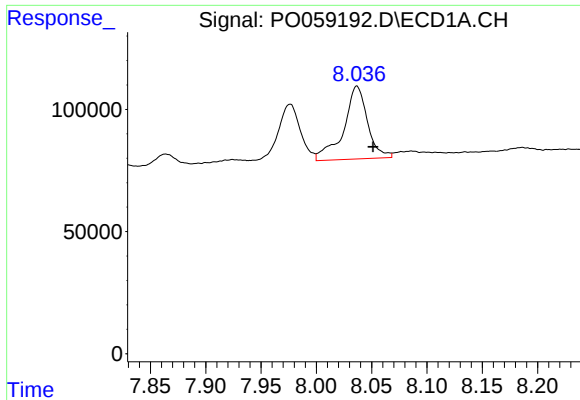
#34 AR-1260-4

R.T.: 7.725 min
Delta R.T.: -0.021 min
Response: 734101
Conc: 215.42 ng/ml



#34 AR-1260-4

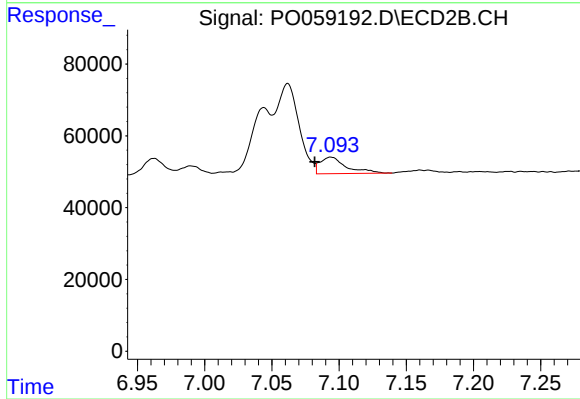
R.T.: 6.859 min
Delta R.T.: 0.020 min
Response: 396564
Conc: 175.51 ng/ml



#35 AR-1260-5

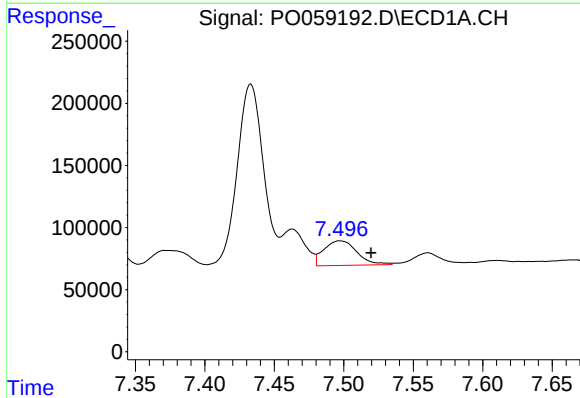
R.T.: 8.037 min
Delta R.T.: -0.015 min
Response: 449068
Conc: 61.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



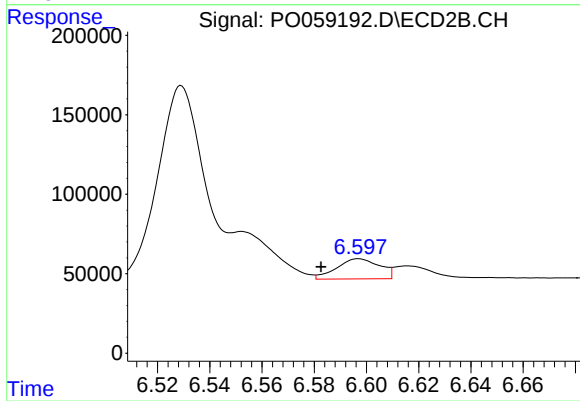
#35 AR-1260-5

R.T.: 7.094 min
Delta R.T.: 0.012 min
Response: 62790
Conc: 11.66 ng/ml



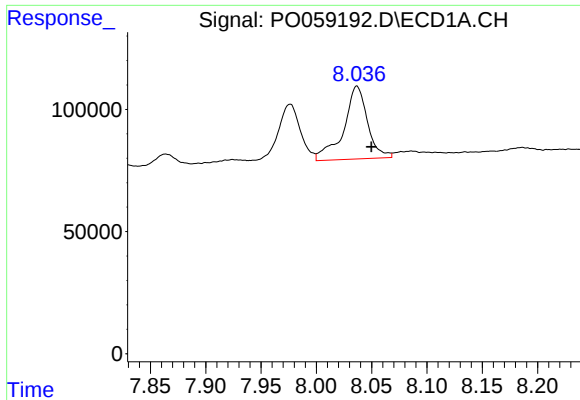
#36 AR-1262-1

R.T.: 7.497 min
Delta R.T.: -0.022 min
Response: 328707
Conc: 65.22 ng/ml



#36 AR-1262-1

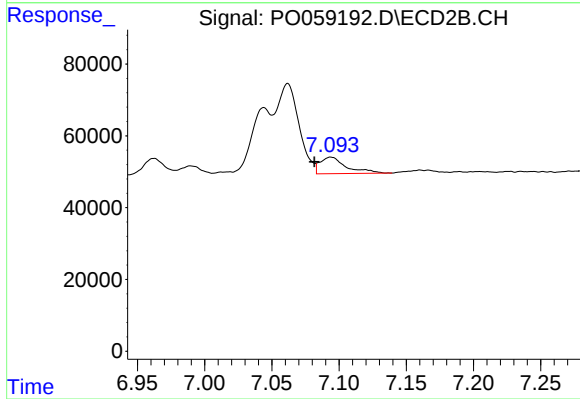
R.T.: 6.597 min
Delta R.T.: 0.014 min
Response: 144465
Conc: 40.45 ng/ml



#37 AR-1262-2

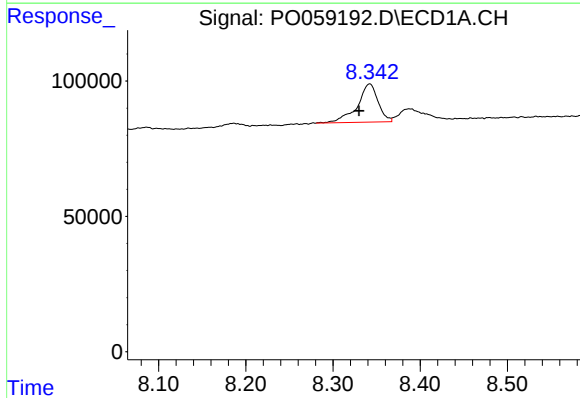
R.T.: 8.037 min
Delta R.T.: -0.013 min
Response: 449068
Conc: 56.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



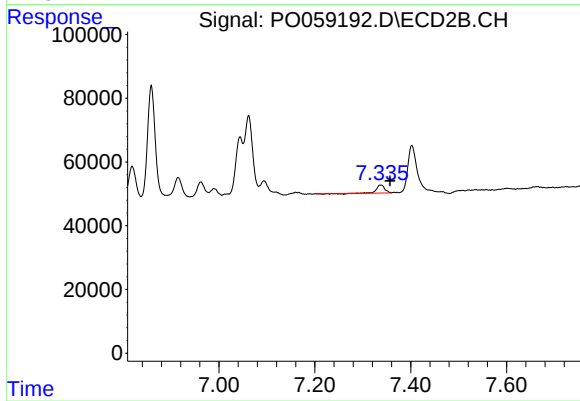
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: 0.013 min
Response: 62790
Conc: 11.12 ng/ml



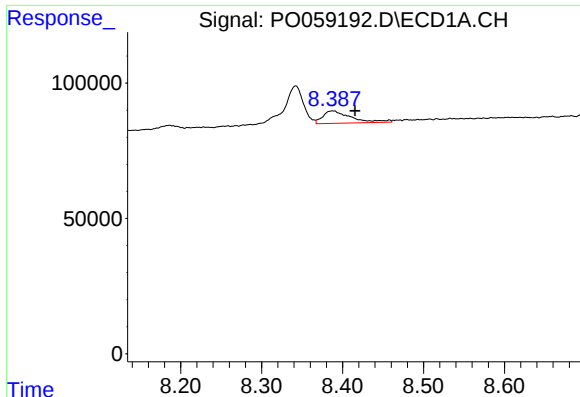
#38 AR-1262-3

R.T.: 8.342 min
Delta R.T.: 0.012 min
Response: 234448
Conc: 46.12 ng/ml



#38 AR-1262-3

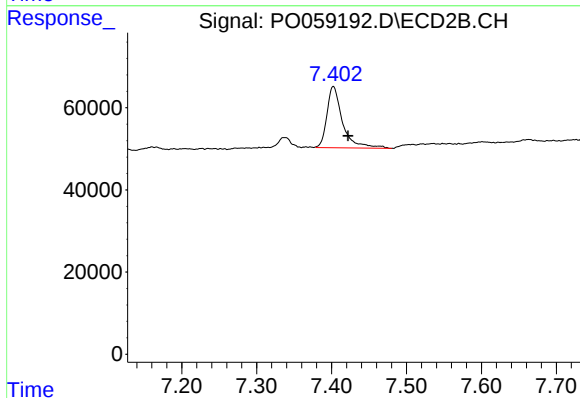
R.T.: 7.337 min
Delta R.T.: -0.019 min
Response: 27464
Conc: 11.13 ng/ml



#39 AR-1262-4

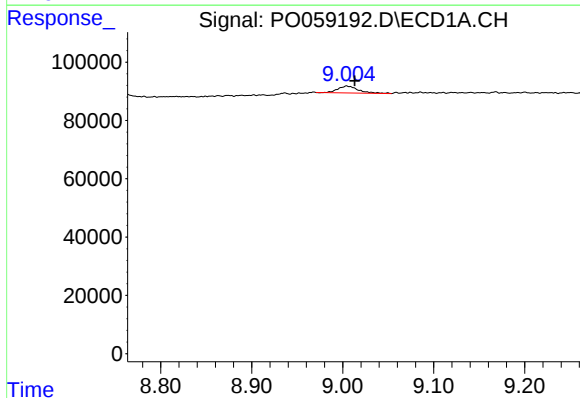
R.T.: 8.388 min
Delta R.T.: -0.027 min
Response: 111213
Conc: 29.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



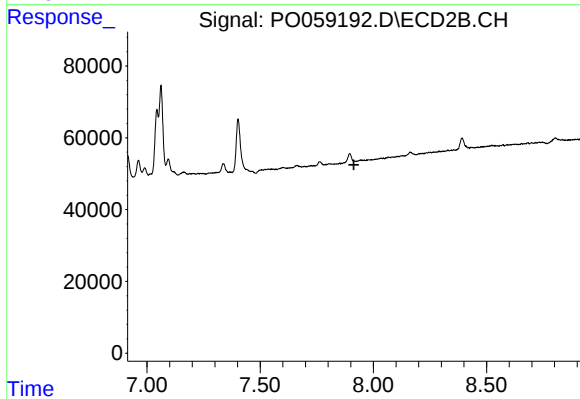
#39 AR-1262-4

R.T.: 7.402 min
Delta R.T.: -0.020 min
Response: 216254
Conc: 50.93 ng/ml



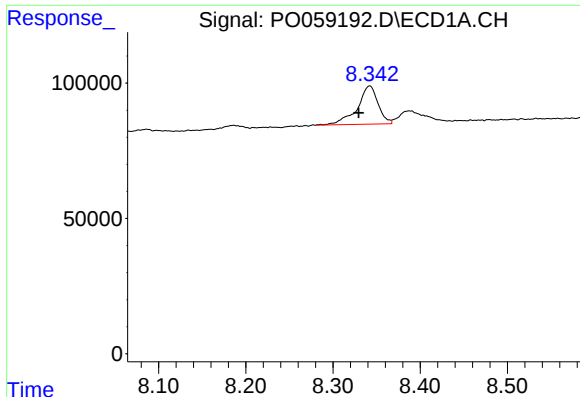
#40 AR-1262-5

R.T.: 9.004 min
Delta R.T.: -0.009 min
Response: 36502
Conc: 15.89 ng/ml



#40 AR-1262-5

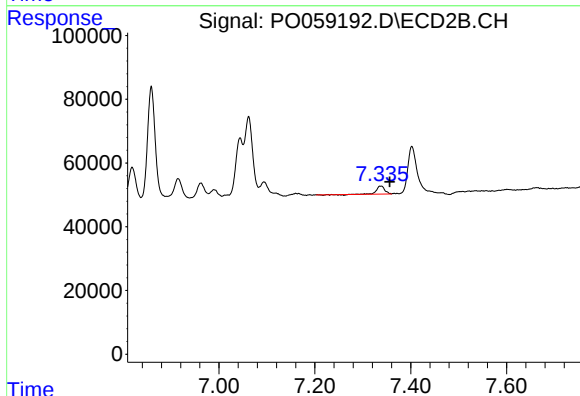
R.T.: 0.000 min
Exp R.T.: 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

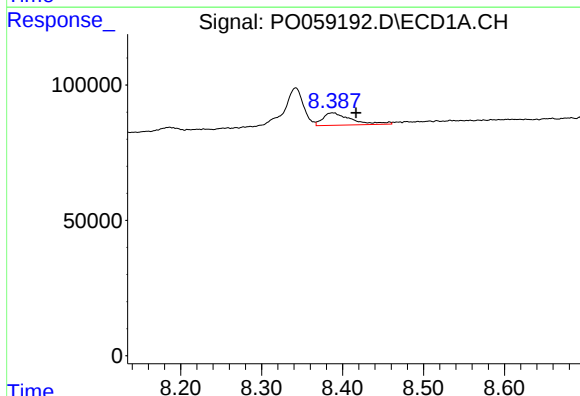
R.T.: 8.342 min
Delta R.T.: 0.013 min
Response: 234448
Conc: 20.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



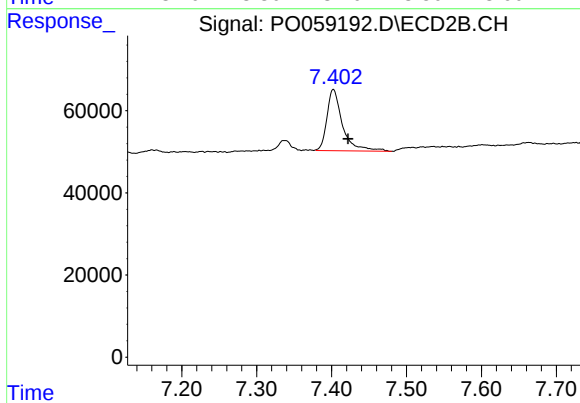
#41 AR-1268-1

R.T.: 7.337 min
Delta R.T.: -0.019 min
Response: 27464
Conc: 3.37 ng/ml



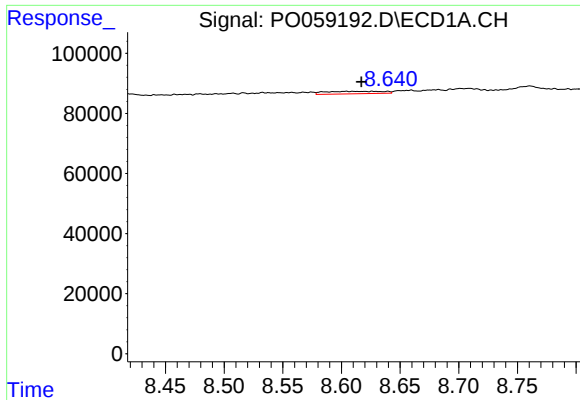
#42 AR-1268-2

R.T.: 8.388 min
Delta R.T.: -0.029 min
Response: 111213
Conc: 11.84 ng/ml



#42 AR-1268-2

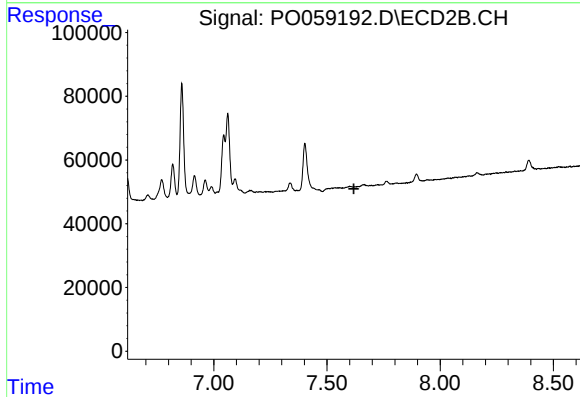
R.T.: 7.402 min
Delta R.T.: -0.020 min
Response: 216254
Conc: 28.54 ng/ml



#43 AR-1268-3

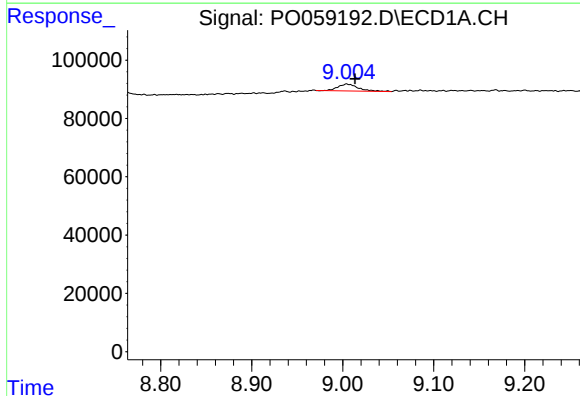
R.T.: 8.604 min
Delta R.T.: -0.013 min
Response: 27835
Conc: 3.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



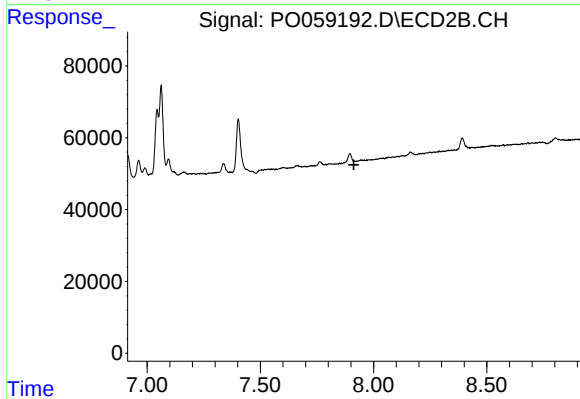
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



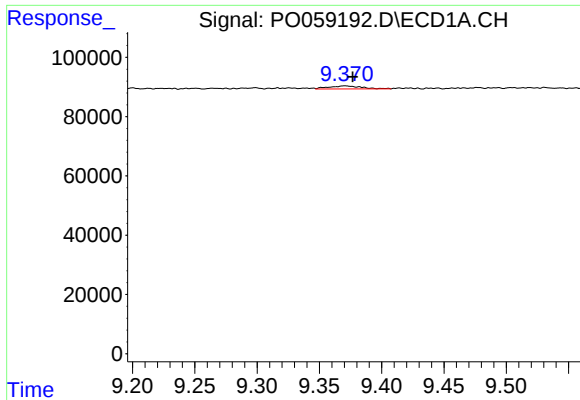
#44 AR-1268-4

R.T.: 9.004 min
Delta R.T.: -0.009 min
Response: 36502
Conc: 12.21 ng/ml



#44 AR-1268-4

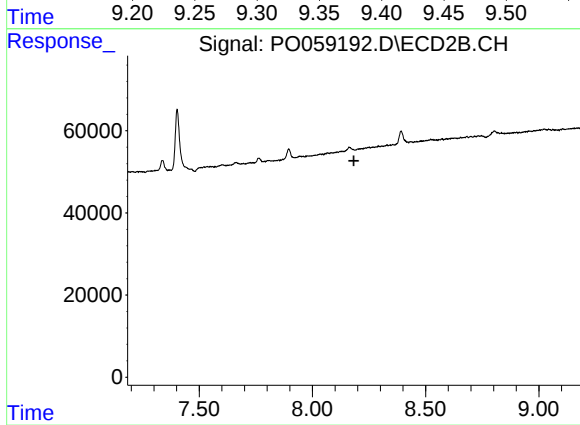
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.371 min
Delta R.T.: -0.006 min
Response: 18189
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-02DL



#45 AR-1268-5

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