

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022219\
 Data File : P0054020.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Feb 2019 23:40
 Operator : SM/SJ
 Sample : K1570-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 10-10

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 00:19:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 19 03:40:07 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...	4.057	3.137	53918903	4804567	17.979	18.006
2)	SA Decachlor...	9.401	7.718	14180248	2942468	11.293	9.819
Target Compounds							
3)	L1 AR-1016-1	5.188	4.117	4044357	1492831	57.736	136.640 #
4)	L1 AR-1016-2	5.188	4.117	4044357	1492831	39.279	87.818 #
5)	L1 AR-1016-3	5.263	4.289	60036341	10171546	984.370	1101.544
6)	L1 AR-1016-4	5.377	4.326	1863750	1173440	37.602	167.269 #
7)	L1 AR-1016-5	5.672	4.520	4668536	680192	102.651	71.801 #
8)	L2 AR-1221-1	4.253	3.331	22397025	391724	503.238	77.549 #
9)	L2 AR-1221-2	4.342	3.385	214.0E6	419996	7038.359	118.598 #
10)	L2 AR-1221-3	4.423	3.438	16470792	14945162	160.328	1223.777 #
11)	L3 AR-1232-1	4.423	3.438	16470792	14945162	374.891	2744.722 #
12)	L3 AR-1232-2	4.933	4.117	30189647	1492831	1504.985	214.684 #
13)	L3 AR-1232-3	5.188	4.289	4044357	10171546	100.113	2754.610 #
14)	L3 AR-1232-4	5.377	4.326	1863750	1173440	98.620	382.725 #
15)	L3 AR-1232-5	5.449	4.520	22587619	680192	1759.497	193.117 #
16)	L4 AR-1242-1	5.188	4.117	4044357	1492831	76.426	180.040 #
17)	L4 AR-1242-2	5.188	4.117	4044357	1492831	50.751	113.866 #
18)	L4 AR-1242-3	5.263	4.289	60036341	10171546	1299.317	1417.539
19)	L4 AR-1242-4	5.377	4.326	1863750	1173440	49.063	175.989 #
20)	L4 AR-1242-5	6.108	4.825	10803047	469198	296.144	52.694 #
21)	L5 AR-1248-1	5.188	4.117	4044357	1492831	98.947	218.358 #
22)	L5 AR-1248-2	5.449	4.326	22587619	1173440	442.466	124.348 #
23)	L5 AR-1248-3	5.672	4.326	4668536	1173440	79.962	121.874 #
24)	L5 AR-1248-4	6.069	4.520	14936157	680192	238.805	56.557 #
25)	L5 AR-1248-5	6.108	4.883	10803047	1073911	178.544	86.434 #
26)	L6 AR-1254-1	6.045	4.825	9896141	469198	62.648	9.676 #
27)	L6 AR-1254-2	6.275	4.999	25967567	1305530	105.884	31.949 #
28)	L6 AR-1254-3	6.634	5.315	8149451	353406	32.132	5.368 #
29)	L6 AR-1254-4	6.857	5.633	3363356	1550923	17.833	35.744 #
30)	L6 AR-1254-5	7.255	5.961	280.2E6	51992677	1564.539	1072.980 #
31)	L7 AR-1260-1	6.745	5.443	1318234	529769	18.833	27.758 #
32)	L7 AR-1260-2	7.028	5.633	8433853	1550923	97.520	66.378 #
33)	L7 AR-1260-3	7.343	5.777	5928548	2203223	109.137	101.958
34)	L7 AR-1260-4	7.573	0.000	7318390	0	127.562	N.D. #
35)	L7 AR-1260-5	0.000	6.442	0	3033824	N.D.	89.446 #
36)	L8 AR-1262-1	7.343	5.961	5928548	51992677	62.879	2183.929 #
37)	L8 AR-1262-2	0.000	6.442	0	3033824	N.D.	75.637 #
38)	L8 AR-1262-3	0.000	6.711	0	650627	N.D.	41.140 #
39)	L8 AR-1262-4	0.000	6.746	0	2893639	N.D.	98.776 #
40)	L8 AR-1262-5	0.000	7.290	0	4586248	N.D.	334.583 #
41)	L9 AR-1268-1	0.000	6.711	0	650627	N.D.	14.265 #

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 Sample : K1570-05
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 ALS Vial : 35 Sample Multiplier: 1

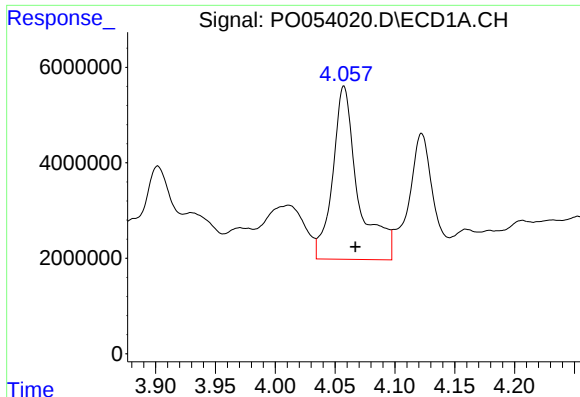
Instrument :
 ECD_O
 ClientSampleId :
 10-10

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 00:19:09 2019
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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	0.000	6.746	0	2893639	N.D.	67.537 #
44) L9	AR-1268-4	0.000	7.290	0	4586248	N.D.	301.948 #
45) L9	AR-1268-5	0.000	7.576	0	407102	N.D.	3.786 #

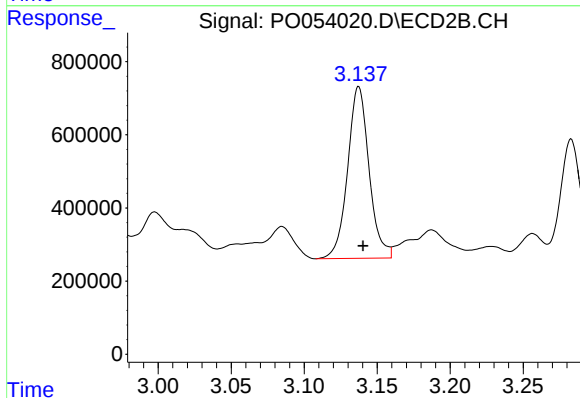
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

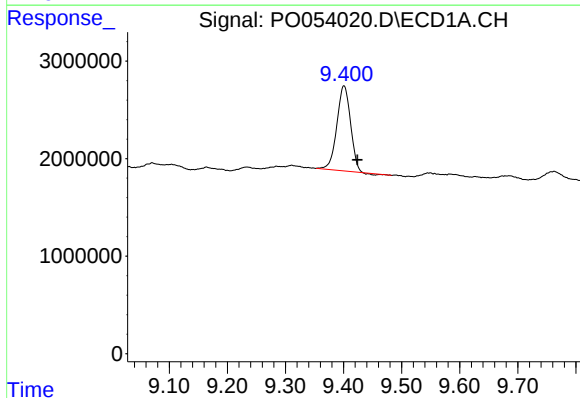
R.T.: 4.057 min
Delta R.T.: -0.010 min
Response: 53918903
Conc: 17.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



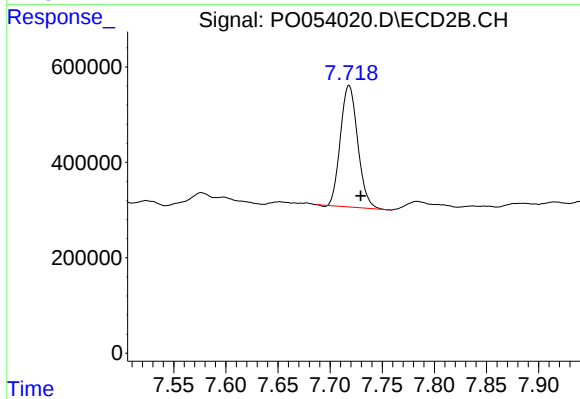
#1 Tetrachloro-m-xylene

R.T.: 3.137 min
Delta R.T.: -0.003 min
Response: 4804567
Conc: 18.01 ng/ml



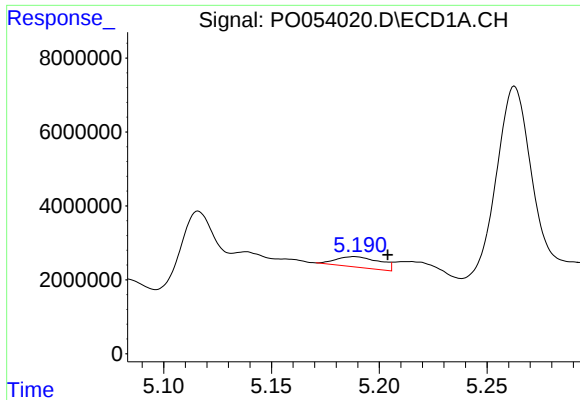
#2 Decachlorobiphenyl

R.T.: 9.401 min
Delta R.T.: -0.023 min
Response: 14180248
Conc: 11.29 ng/ml



#2 Decachlorobiphenyl

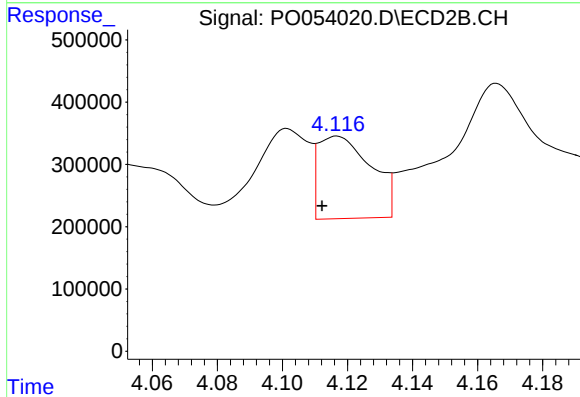
R.T.: 7.718 min
Delta R.T.: -0.011 min
Response: 2942468
Conc: 9.82 ng/ml



#3 AR-1016-1

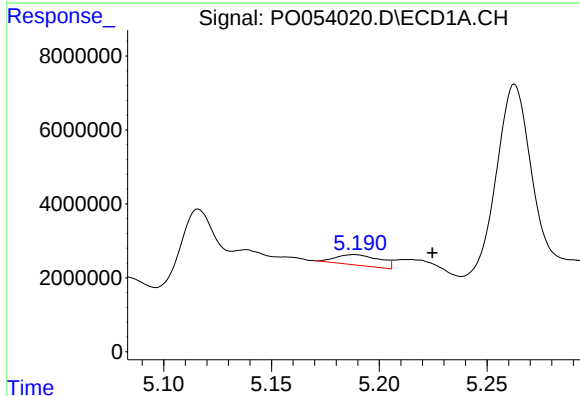
R.T.: 5.188 min
Delta R.T.: -0.016 min
Response: 4044357
Conc: 57.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



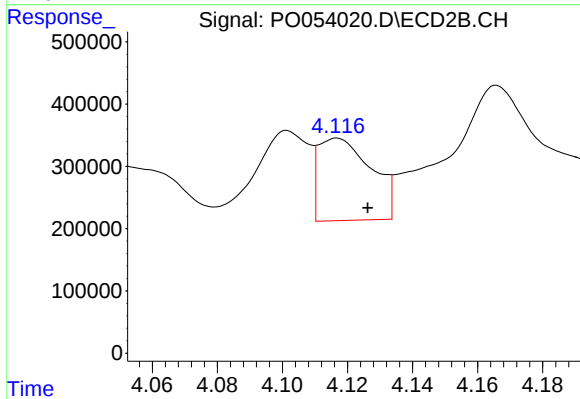
#3 AR-1016-1

R.T.: 4.117 min
Delta R.T.: 0.005 min
Response: 1492831
Conc: 136.64 ng/ml



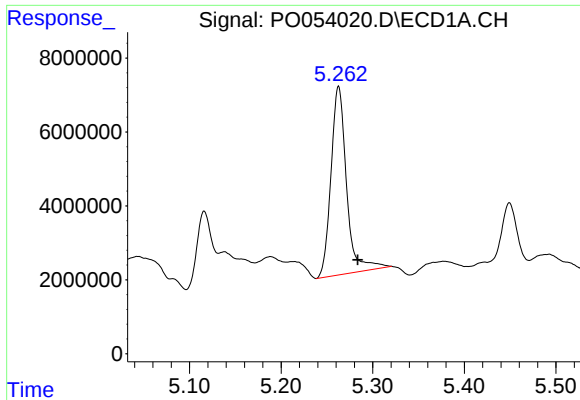
#4 AR-1016-2

R.T.: 5.188 min
Delta R.T.: -0.036 min
Response: 4044357
Conc: 39.28 ng/ml



#4 AR-1016-2

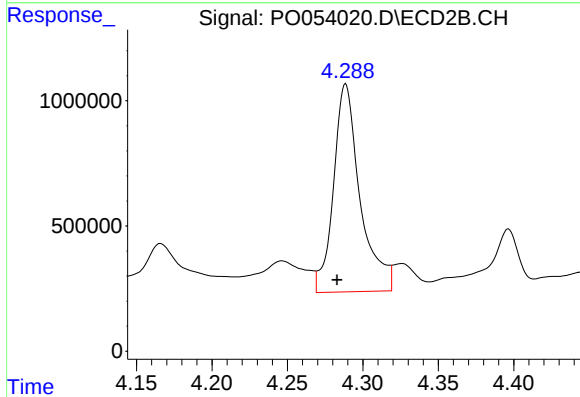
R.T.: 4.117 min
Delta R.T.: -0.009 min
Response: 1492831
Conc: 87.82 ng/ml



#5 AR-1016-3

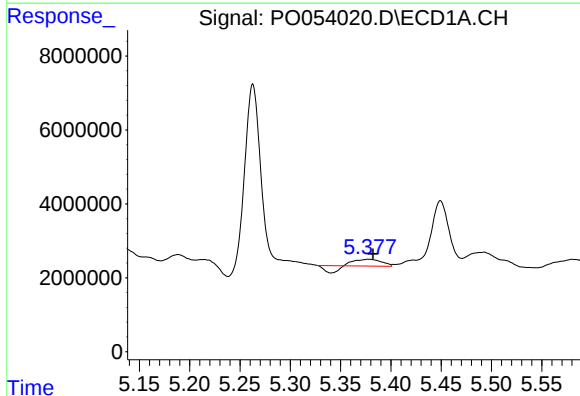
R.T.: 5.263 min
Delta R.T.: -0.021 min
Response: 60036341
Conc: 984.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



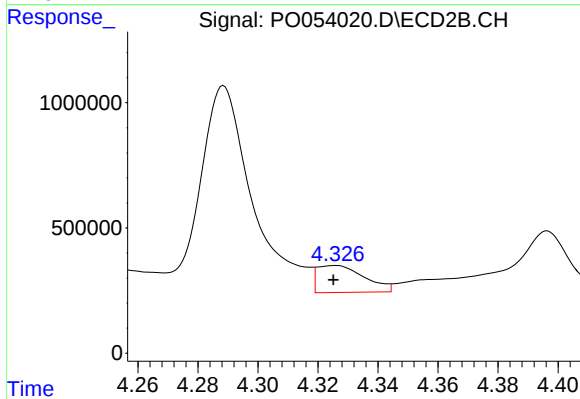
#5 AR-1016-3

R.T.: 4.289 min
Delta R.T.: 0.006 min
Response: 10171546
Conc: 1101.54 ng/ml



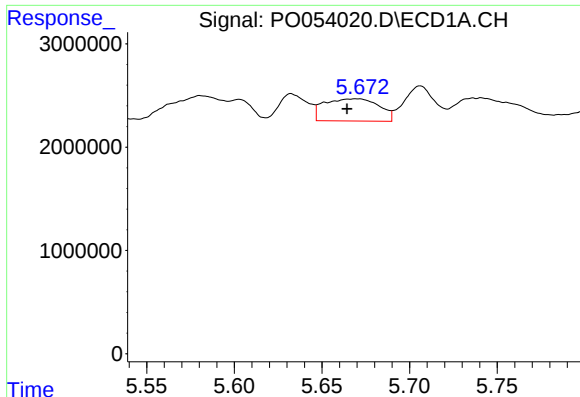
#6 AR-1016-4

R.T.: 5.377 min
Delta R.T.: -0.005 min
Response: 1863750
Conc: 37.60 ng/ml



#6 AR-1016-4

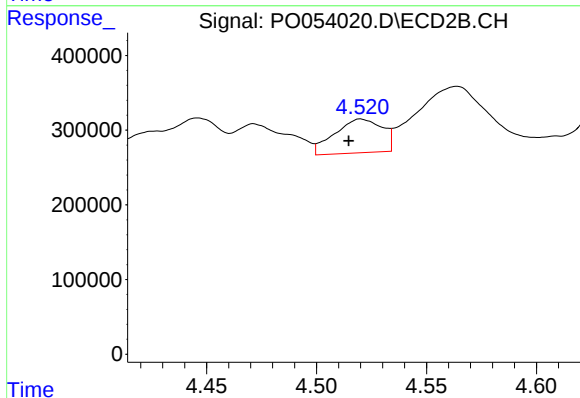
R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 1173440
Conc: 167.27 ng/ml



#7 AR-1016-5

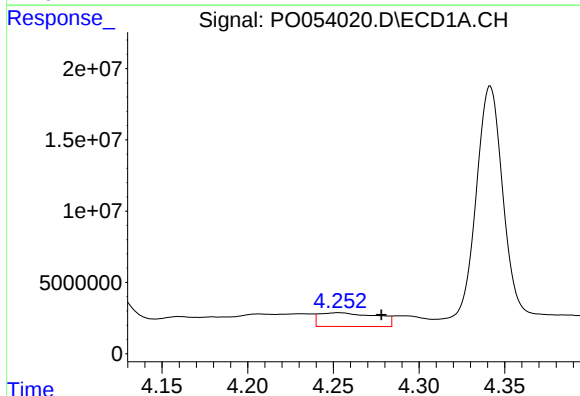
R.T.: 5.672 min
Delta R.T.: 0.007 min
Response: 4668536
Conc: 102.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



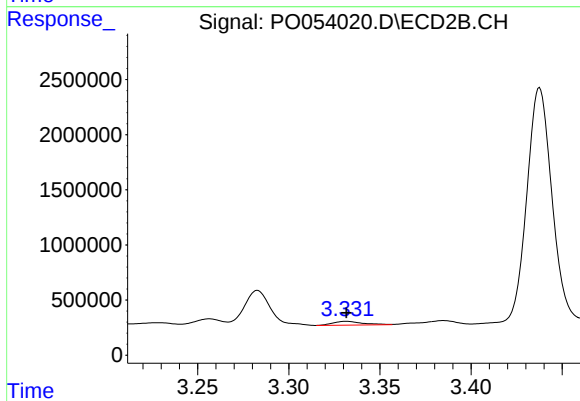
#7 AR-1016-5

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 680192
Conc: 71.80 ng/ml



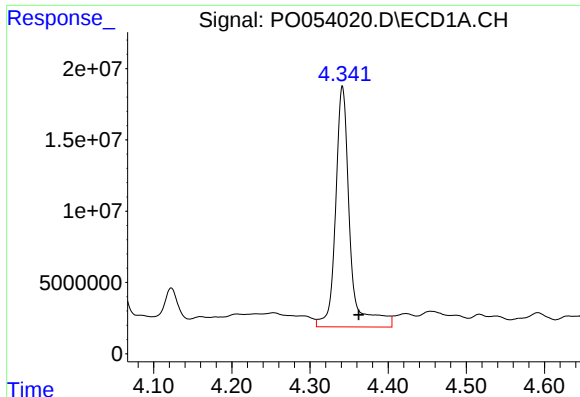
#8 AR-1221-1

R.T.: 4.253 min
Delta R.T.: -0.025 min
Response: 22397025
Conc: 503.24 ng/ml



#8 AR-1221-1

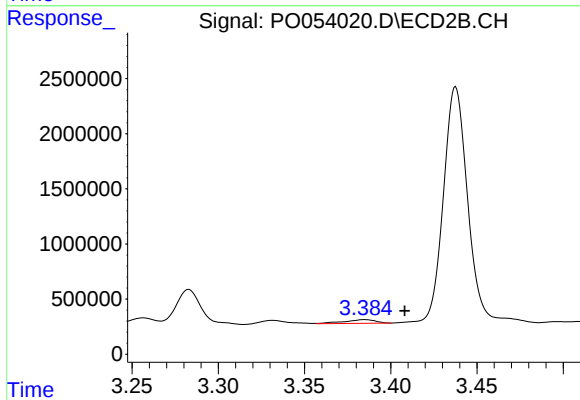
R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 391724
Conc: 77.55 ng/ml



#9 AR-1221-2

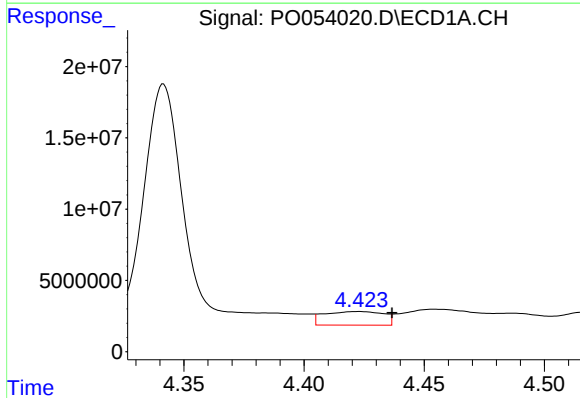
R.T.: 4.342 min
Delta R.T.: -0.021 min
Response: 213966231
Conc: 7038.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



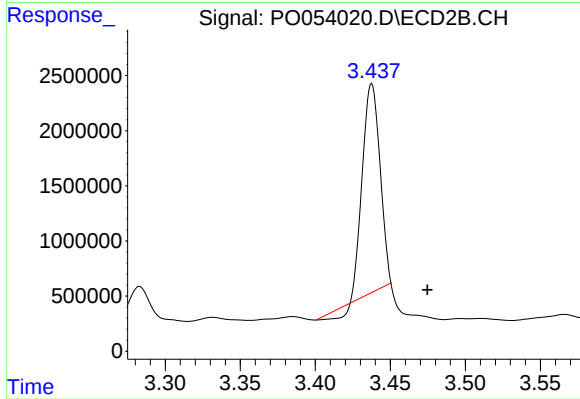
#9 AR-1221-2

R.T.: 3.385 min
Delta R.T.: -0.023 min
Response: 419996
Conc: 118.60 ng/ml



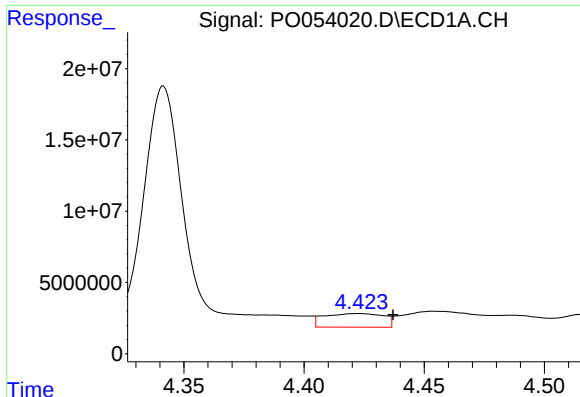
#10 AR-1221-3

R.T.: 4.423 min
Delta R.T.: -0.014 min
Response: 16470792
Conc: 160.33 ng/ml



#10 AR-1221-3

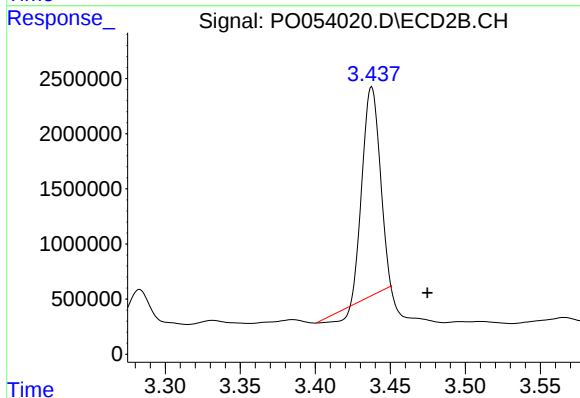
R.T.: 3.438 min
Delta R.T.: -0.037 min
Response: 14945162
Conc: 1223.78 ng/ml



#11 AR-1232-1

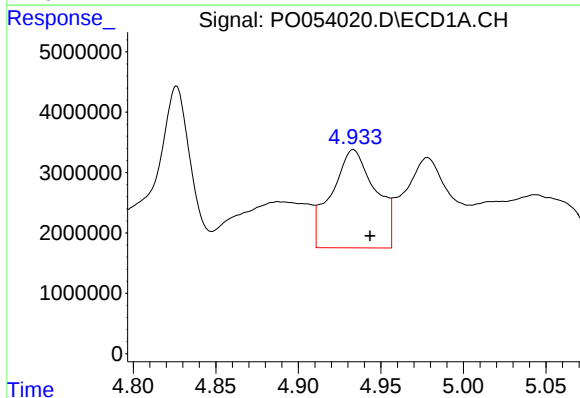
R.T.: 4.423 min
Delta R.T.: -0.014 min
Response: 16470792
Conc: 374.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



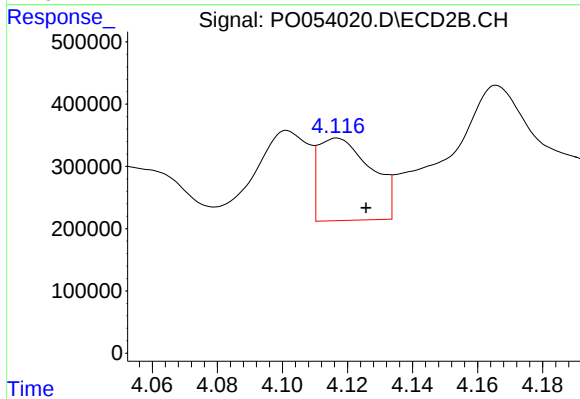
#11 AR-1232-1

R.T.: 3.438 min
Delta R.T.: -0.037 min
Response: 14945162
Conc: 2744.72 ng/ml



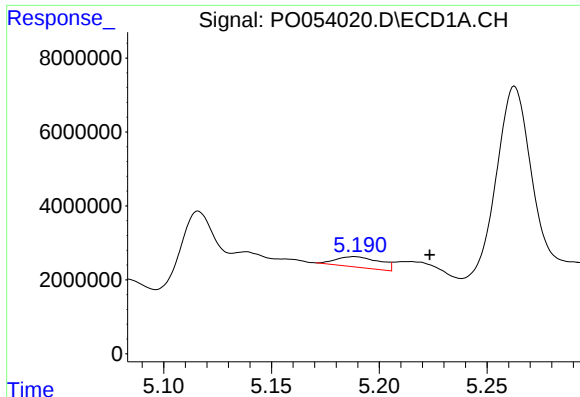
#12 AR-1232-2

R.T.: 4.933 min
Delta R.T.: -0.010 min
Response: 30189647
Conc: 1504.98 ng/ml



#12 AR-1232-2

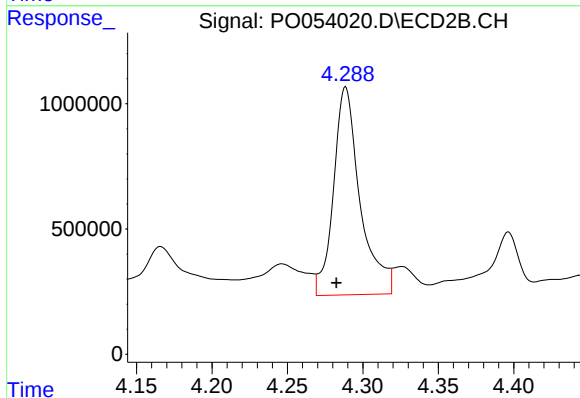
R.T.: 4.117 min
Delta R.T.: -0.009 min
Response: 1492831
Conc: 214.68 ng/ml



#13 AR-1232-3

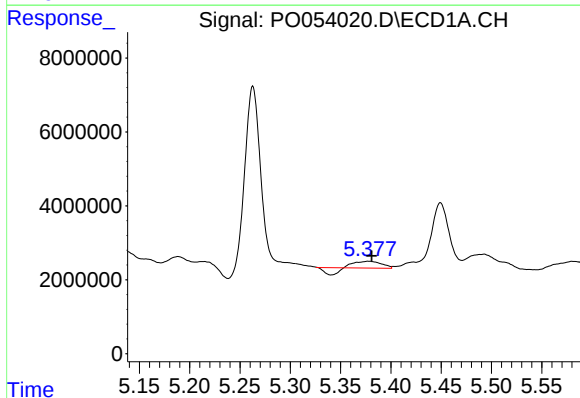
R.T.: 5.188 min
Delta R.T.: -0.035 min
Response: 4044357
Conc: 100.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



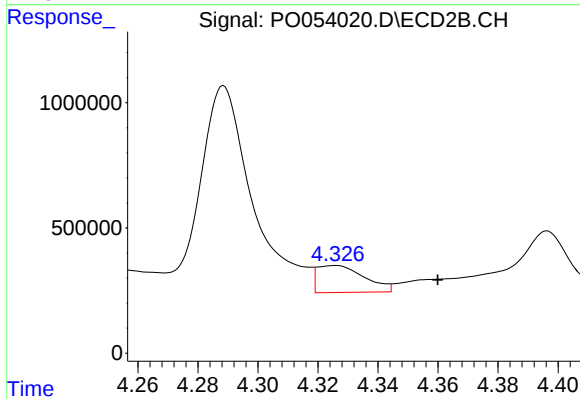
#13 AR-1232-3

R.T.: 4.289 min
Delta R.T.: 0.006 min
Response: 10171546
Conc: 2754.61 ng/ml



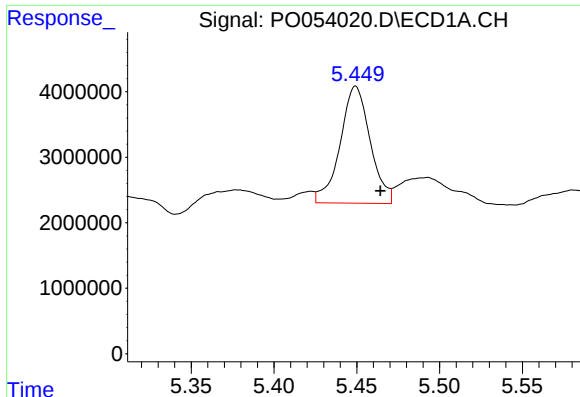
#14 AR-1232-4

R.T.: 5.377 min
Delta R.T.: -0.004 min
Response: 1863750
Conc: 98.62 ng/ml



#14 AR-1232-4

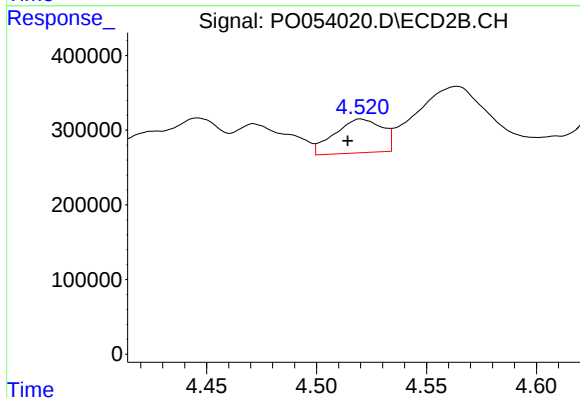
R.T.: 4.326 min
Delta R.T.: -0.034 min
Response: 1173440
Conc: 382.73 ng/ml



#15 AR-1232-5

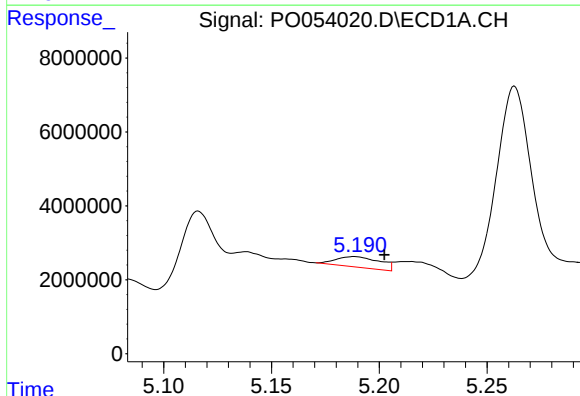
R.T.: 5.449 min
Delta R.T.: -0.015 min
Response: 22587619
Conc: 1759.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



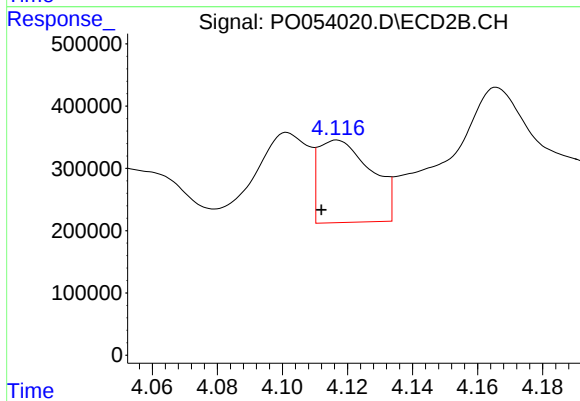
#15 AR-1232-5

R.T.: 4.520 min
Delta R.T.: 0.006 min
Response: 680192
Conc: 193.12 ng/ml



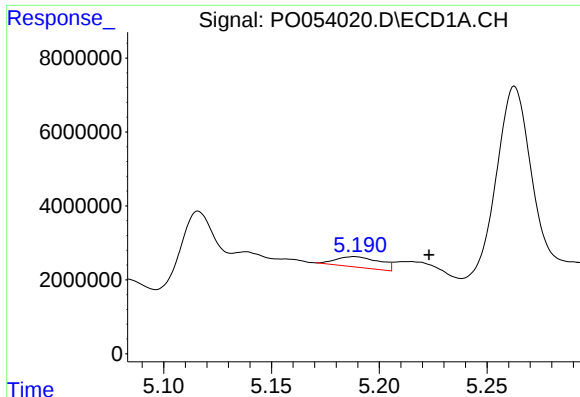
#16 AR-1242-1

R.T.: 5.188 min
Delta R.T.: -0.014 min
Response: 4044357
Conc: 76.43 ng/ml



#16 AR-1242-1

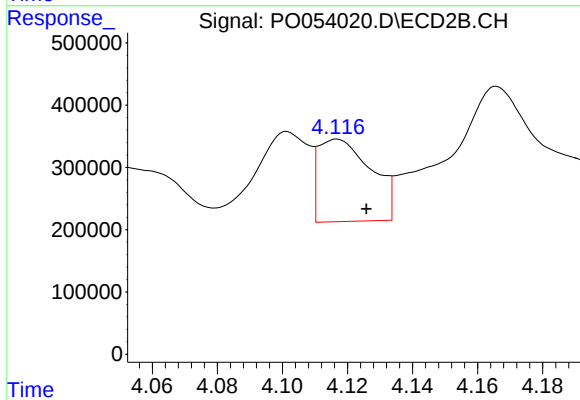
R.T.: 4.117 min
Delta R.T.: 0.005 min
Response: 1492831
Conc: 180.04 ng/ml



#17 AR-1242-2

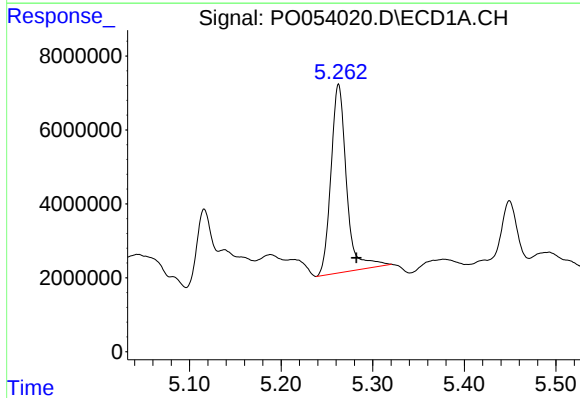
R.T.: 5.188 min
Delta R.T.: -0.035 min
Response: 4044357
Conc: 50.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



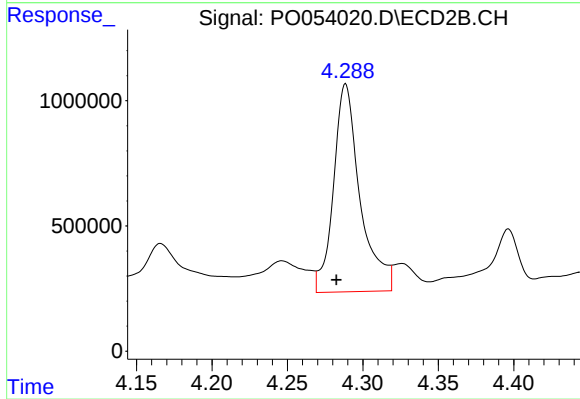
#17 AR-1242-2

R.T.: 4.117 min
Delta R.T.: -0.009 min
Response: 1492831
Conc: 113.87 ng/ml



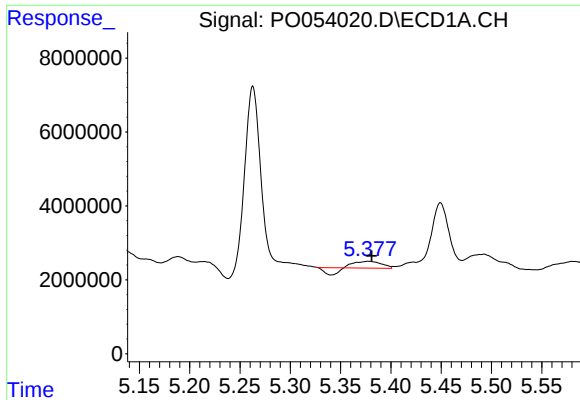
#18 AR-1242-3

R.T.: 5.263 min
Delta R.T.: -0.019 min
Response: 60036341
Conc: 1299.32 ng/ml



#18 AR-1242-3

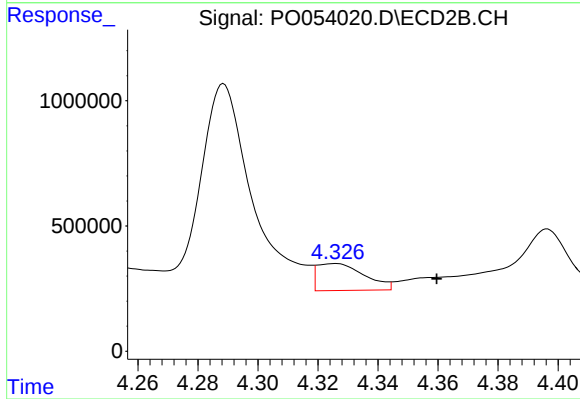
R.T.: 4.289 min
Delta R.T.: 0.006 min
Response: 10171546
Conc: 1417.54 ng/ml



#19 AR-1242-4

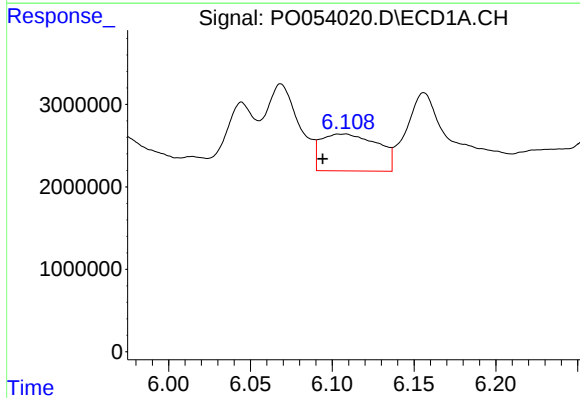
R.T.: 5.377 min
Delta R.T.: -0.004 min
Response: 1863750
Conc: 49.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



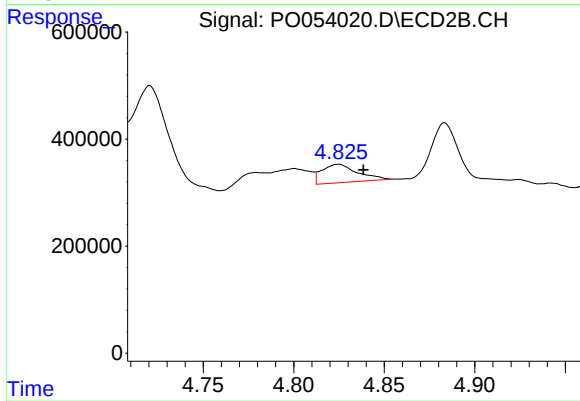
#19 AR-1242-4

R.T.: 4.326 min
Delta R.T.: -0.034 min
Response: 1173440
Conc: 175.99 ng/ml



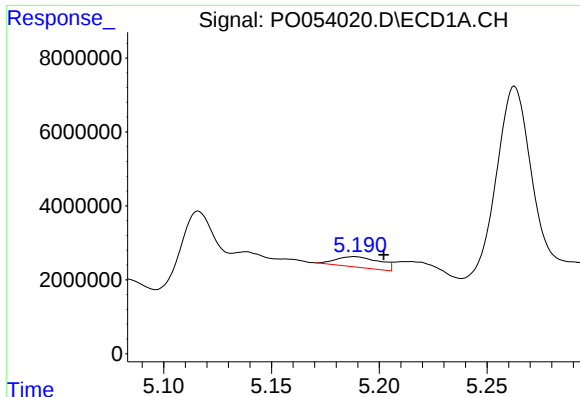
#20 AR-1242-5

R.T.: 6.108 min
Delta R.T.: 0.014 min
Response: 10803047
Conc: 296.14 ng/ml



#20 AR-1242-5

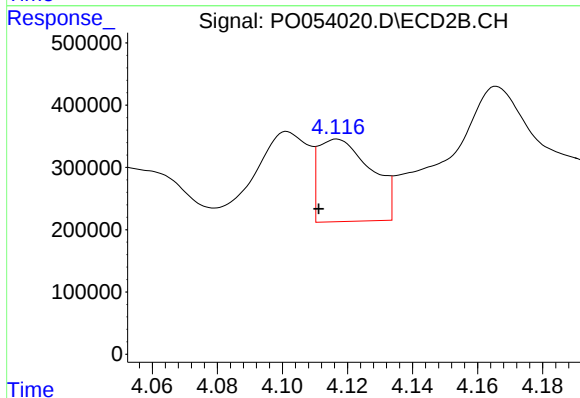
R.T.: 4.825 min
Delta R.T.: -0.014 min
Response: 469198
Conc: 52.69 ng/ml



#21 AR-1248-1

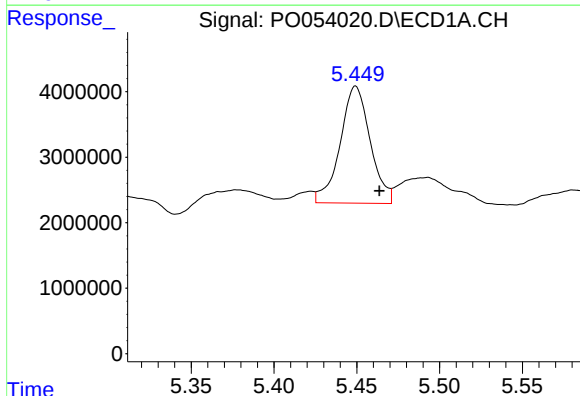
R.T.: 5.188 min
Delta R.T.: -0.014 min
Response: 4044357
Conc: 98.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



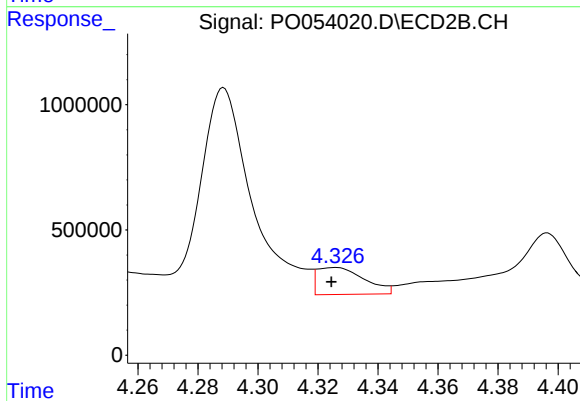
#21 AR-1248-1

R.T.: 4.117 min
Delta R.T.: 0.006 min
Response: 1492831
Conc: 218.36 ng/ml



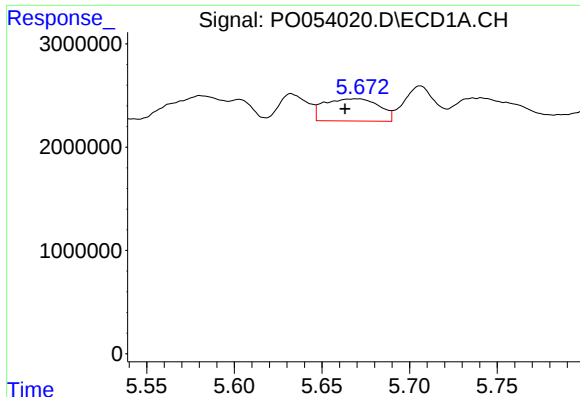
#22 AR-1248-2

R.T.: 5.449 min
Delta R.T.: -0.014 min
Response: 22587619
Conc: 442.47 ng/ml



#22 AR-1248-2

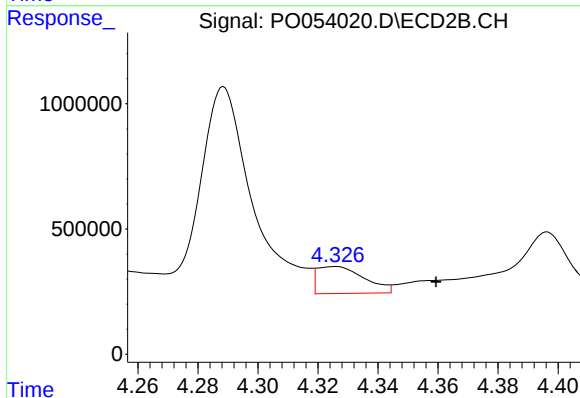
R.T.: 4.326 min
Delta R.T.: 0.001 min
Response: 1173440
Conc: 124.35 ng/ml



#23 AR-1248-3

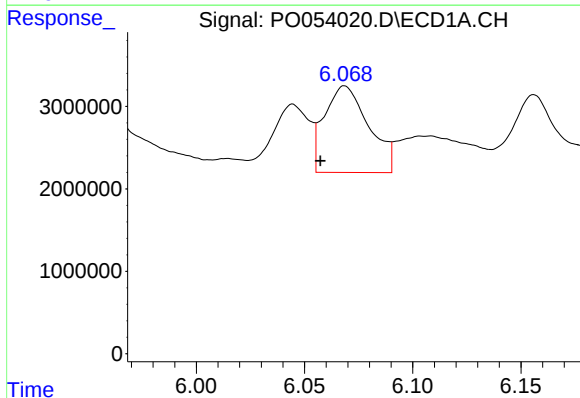
R.T.: 5.672 min
Delta R.T.: 0.008 min
Response: 4668536
Conc: 79.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



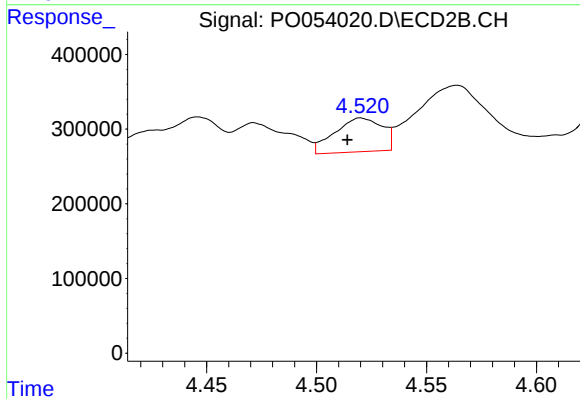
#23 AR-1248-3

R.T.: 4.326 min
Delta R.T.: -0.034 min
Response: 1173440
Conc: 121.87 ng/ml



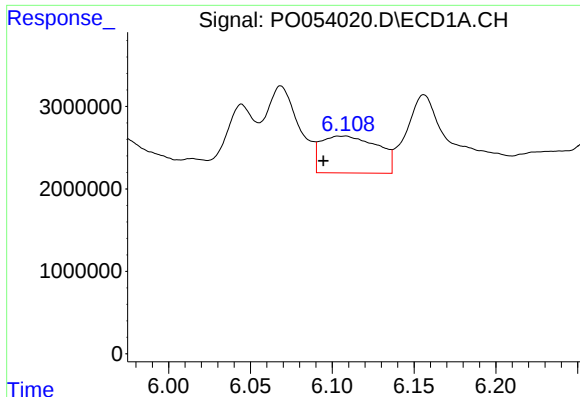
#24 AR-1248-4

R.T.: 6.069 min
Delta R.T.: 0.011 min
Response: 14936157
Conc: 238.80 ng/ml



#24 AR-1248-4

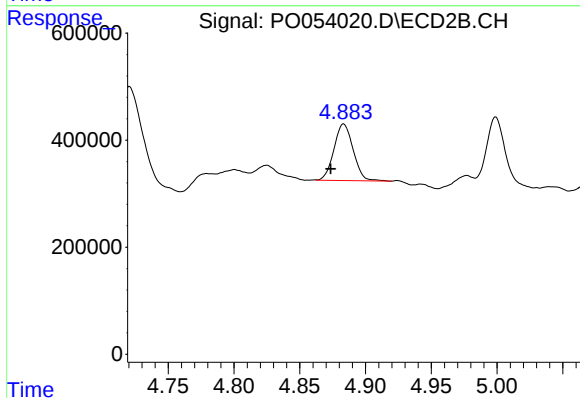
R.T.: 4.520 min
Delta R.T.: 0.006 min
Response: 680192
Conc: 56.56 ng/ml



#25 AR-1248-5

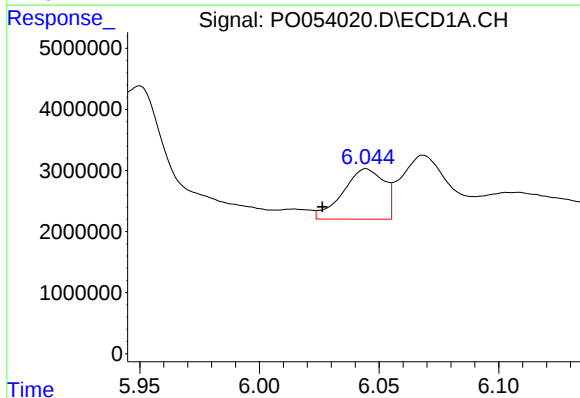
R.T.: 6.108 min
Delta R.T.: 0.013 min
Response: 10803047
Conc: 178.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



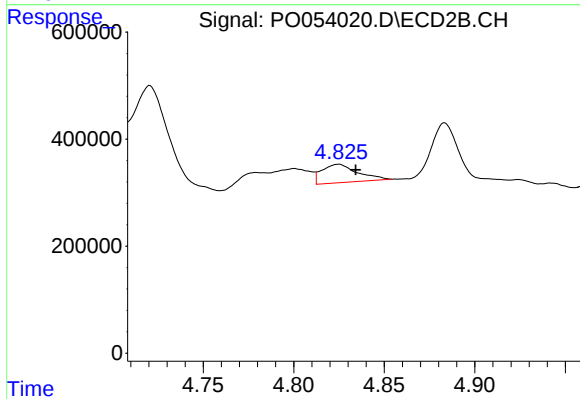
#25 AR-1248-5

R.T.: 4.883 min
Delta R.T.: 0.010 min
Response: 1073911
Conc: 86.43 ng/ml



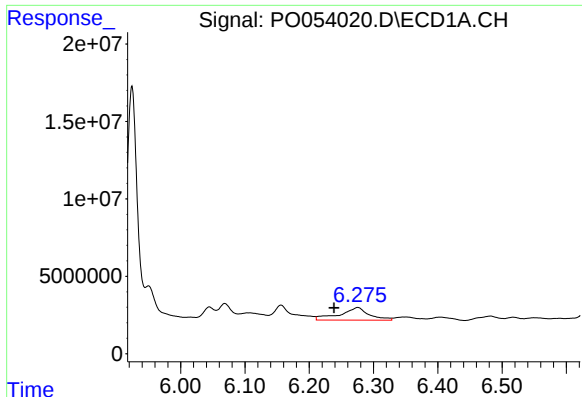
#26 AR-1254-1

R.T.: 6.045 min
Delta R.T.: 0.018 min
Response: 9896141
Conc: 62.65 ng/ml



#26 AR-1254-1

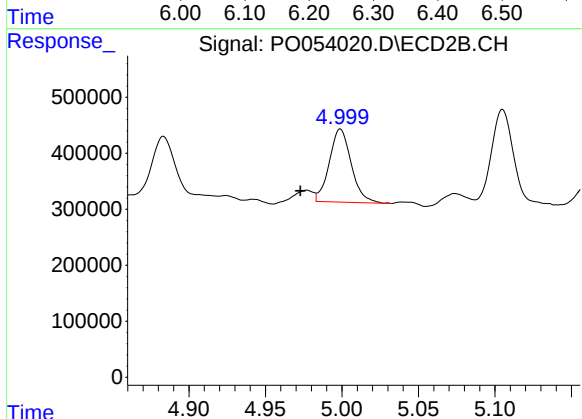
R.T.: 4.825 min
Delta R.T.: -0.010 min
Response: 469198
Conc: 9.68 ng/ml



#27 AR-1254-2

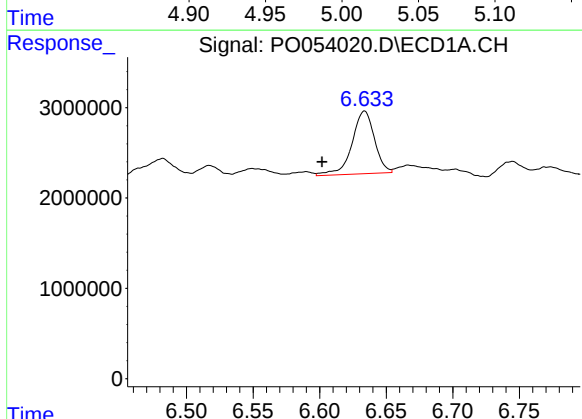
R.T.: 6.275 min
Delta R.T.: 0.037 min
Response: 25967567
Conc: 105.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



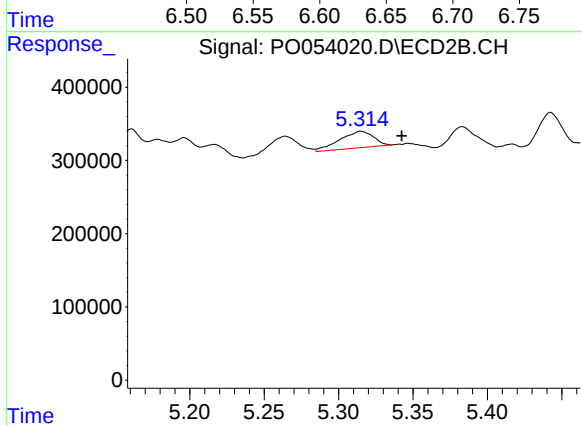
#27 AR-1254-2

R.T.: 4.999 min
Delta R.T.: 0.026 min
Response: 1305530
Conc: 31.95 ng/ml



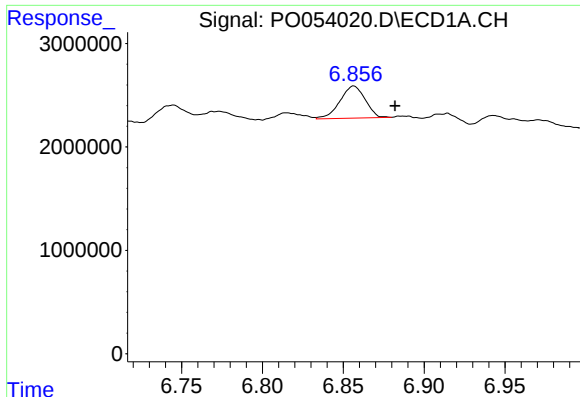
#28 AR-1254-3

R.T.: 6.634 min
Delta R.T.: 0.032 min
Response: 8149451
Conc: 32.13 ng/ml



#28 AR-1254-3

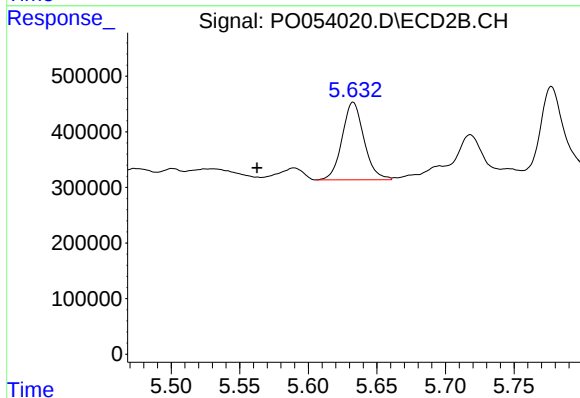
R.T.: 5.315 min
Delta R.T.: -0.027 min
Response: 353406
Conc: 5.37 ng/ml



#29 AR-1254-4

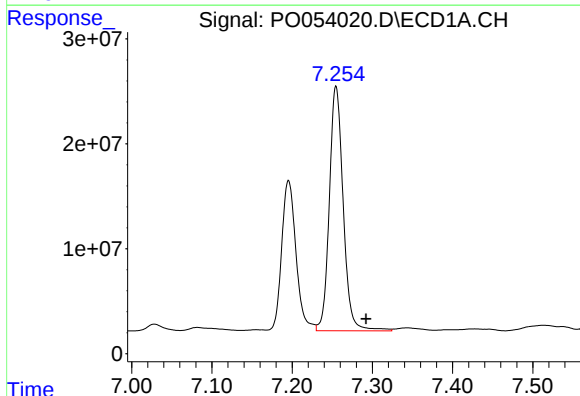
R.T.: 6.857 min
Delta R.T.: -0.026 min
Response: 3363356
Conc: 17.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



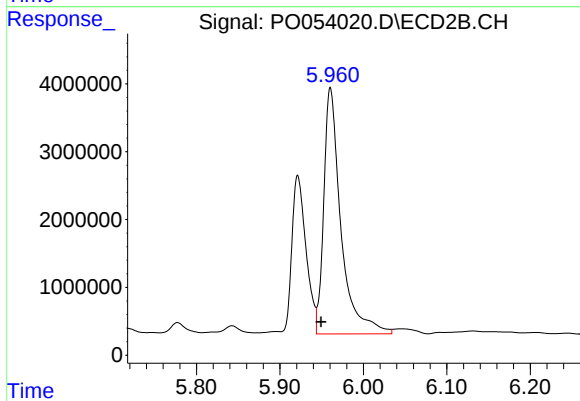
#29 AR-1254-4

R.T.: 5.633 min
Delta R.T.: 0.070 min
Response: 1550923
Conc: 35.74 ng/ml



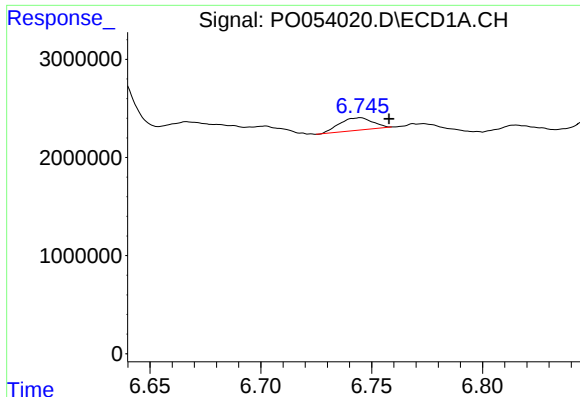
#30 AR-1254-5

R.T.: 7.255 min
Delta R.T.: -0.037 min
Response: 280214251
Conc: 1564.54 ng/ml



#30 AR-1254-5

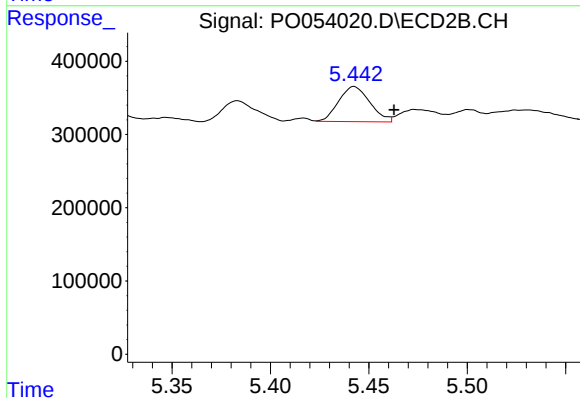
R.T.: 5.961 min
Delta R.T.: 0.011 min
Response: 51992677
Conc: 1072.98 ng/ml



#31 AR-1260-1

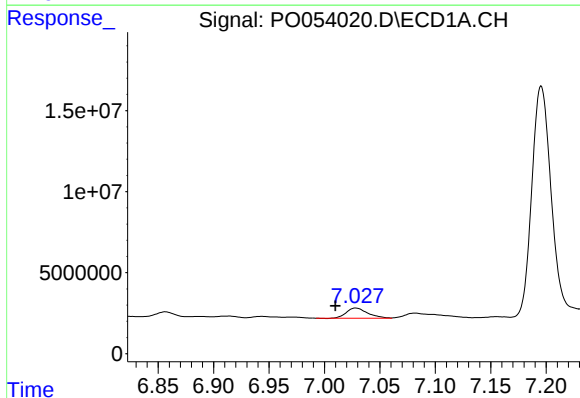
R.T.: 6.745 min
Delta R.T.: -0.013 min
Response: 1318234
Conc: 18.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



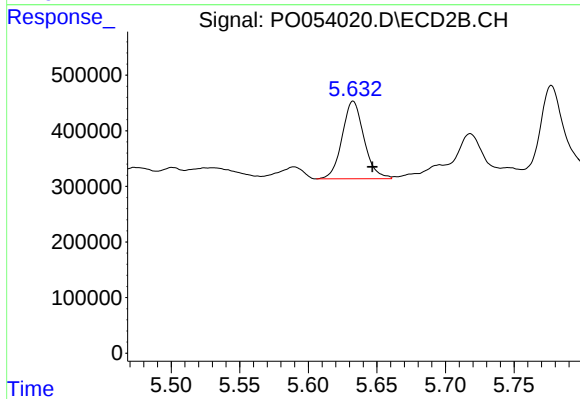
#31 AR-1260-1

R.T.: 5.443 min
Delta R.T.: -0.020 min
Response: 529769
Conc: 27.76 ng/ml



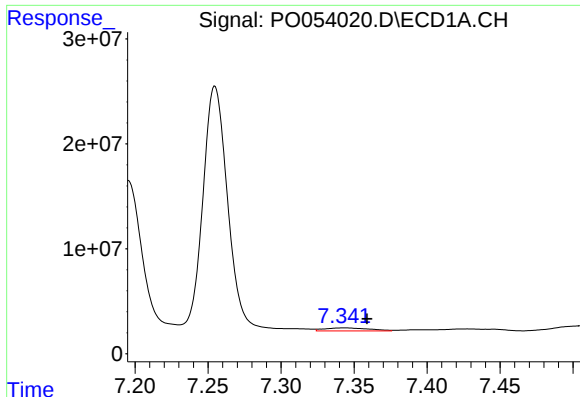
#32 AR-1260-2

R.T.: 7.028 min
Delta R.T.: 0.018 min
Response: 8433853
Conc: 97.52 ng/ml



#32 AR-1260-2

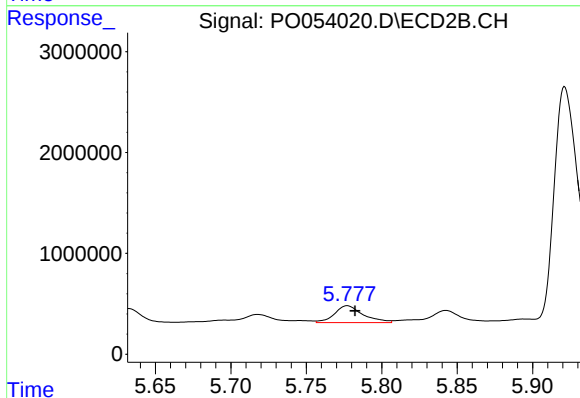
R.T.: 5.633 min
Delta R.T.: -0.014 min
Response: 1550923
Conc: 66.38 ng/ml



#33 AR-1260-3

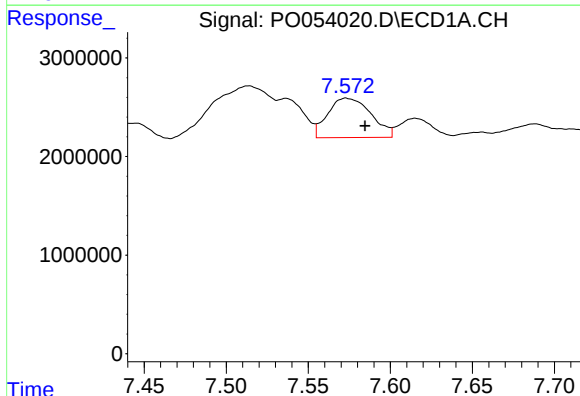
R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 5928548
Conc: 109.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
10-10



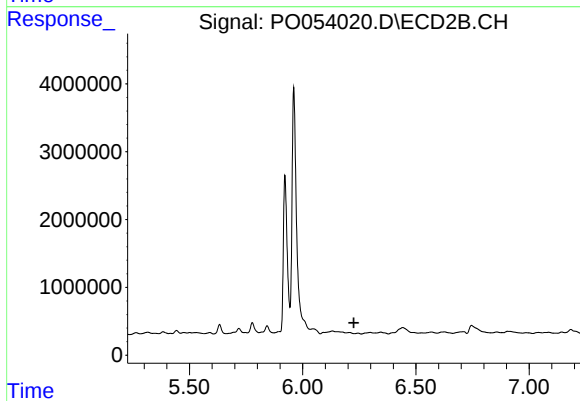
#33 AR-1260-3

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 2203223
Conc: 101.96 ng/ml



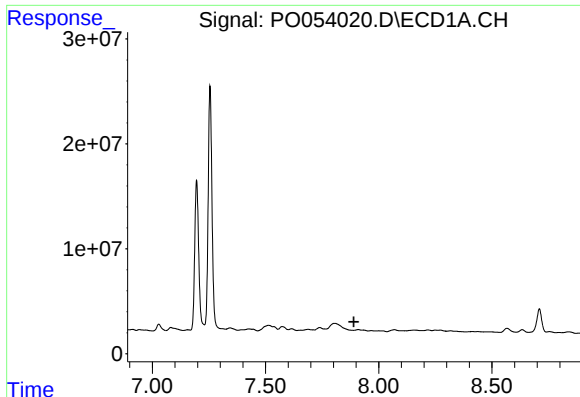
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.012 min
Response: 7318390
Conc: 127.56 ng/ml



#34 AR-1260-4

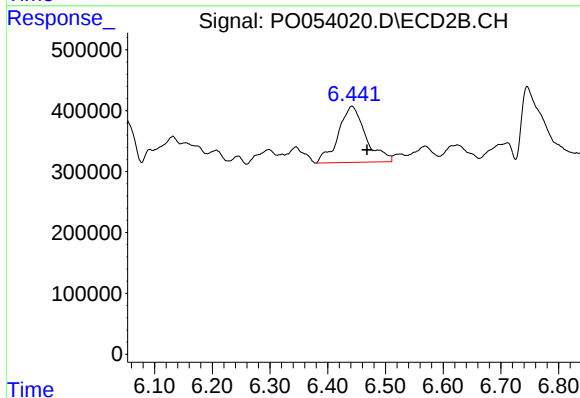
R.T.: 0.000 min
Exp R.T.: 6.226 min
Response: 0
Conc: N.D.



#35 AR-1260-5

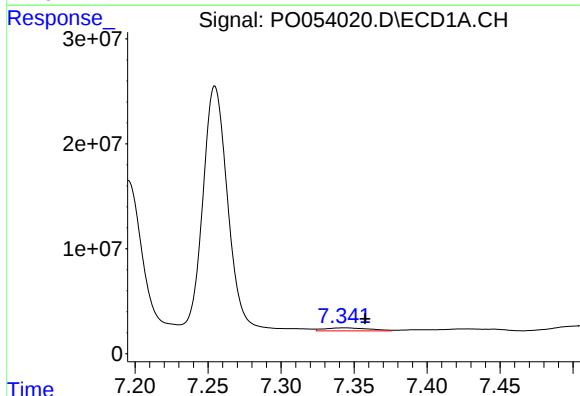
R.T.: 0.000 min
Exp R.T.: 7.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
10-10



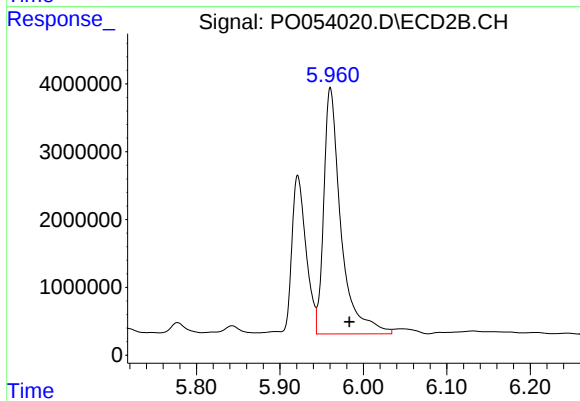
#35 AR-1260-5

R.T.: 6.442 min
Delta R.T.: -0.026 min
Response: 3033824
Conc: 89.45 ng/ml



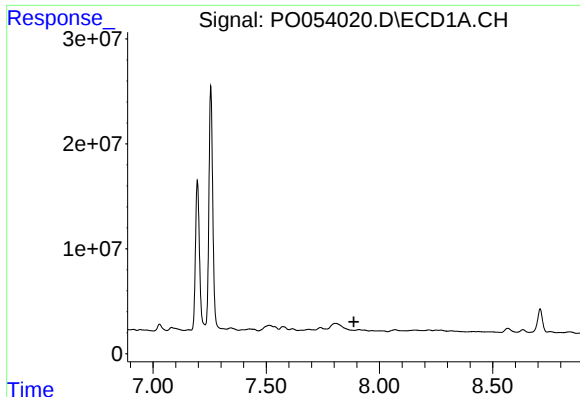
#36 AR-1262-1

R.T.: 7.343 min
Delta R.T.: -0.015 min
Response: 5928548
Conc: 62.88 ng/ml



#36 AR-1262-1

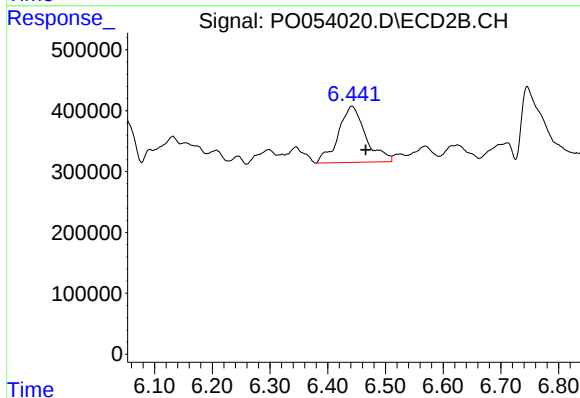
R.T.: 5.961 min
Delta R.T.: -0.023 min
Response: 51992677
Conc: 2183.93 ng/ml



#37 AR-1262-2

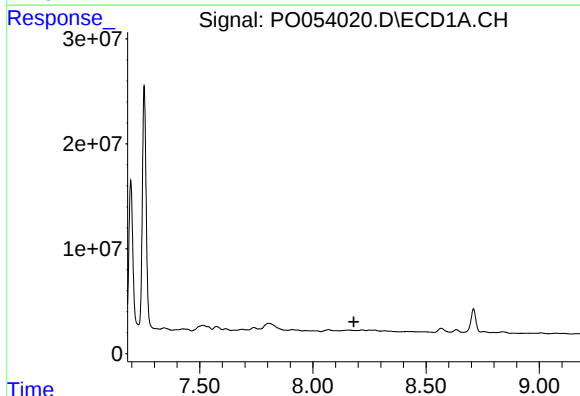
R.T.: 0.000 min
Exp R.T.: 7.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
10-10



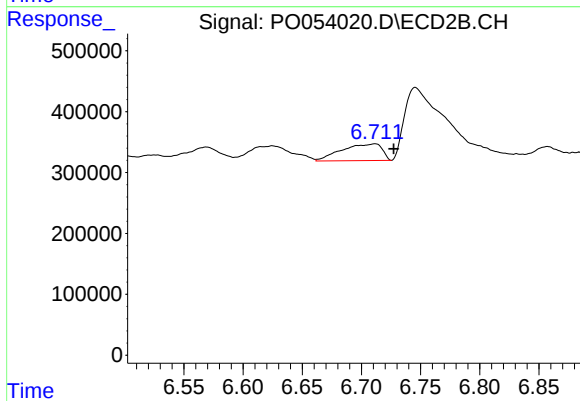
#37 AR-1262-2

R.T.: 6.442 min
Delta R.T.: -0.024 min
Response: 3033824
Conc: 75.64 ng/ml



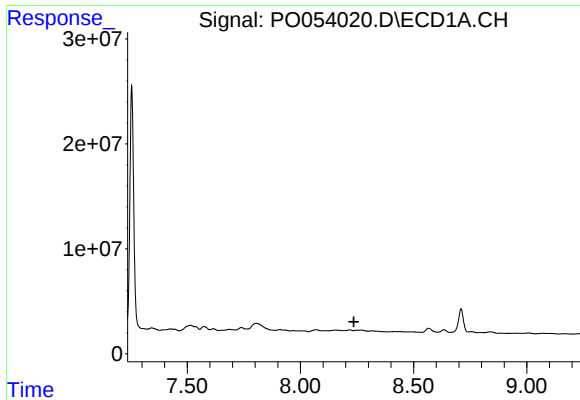
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.181 min
Response: 0
Conc: N.D.



#38 AR-1262-3

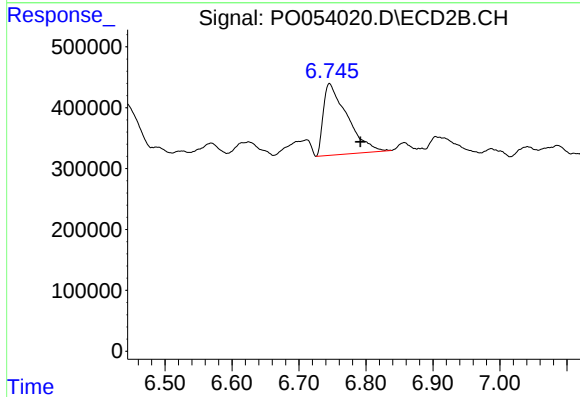
R.T.: 6.711 min
Delta R.T.: -0.016 min
Response: 650627
Conc: 41.14 ng/ml



#39 AR-1262-4

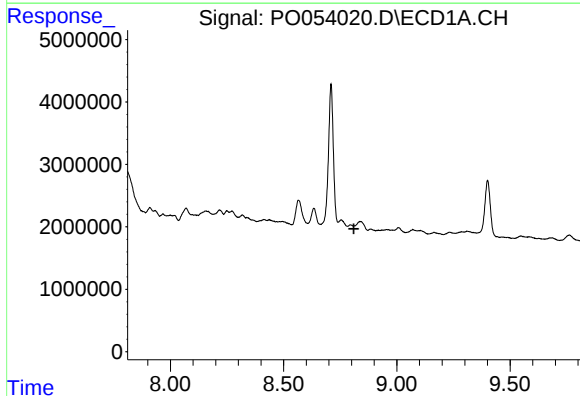
R.T.: 0.000 min
Exp R.T.: 8.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
10-10



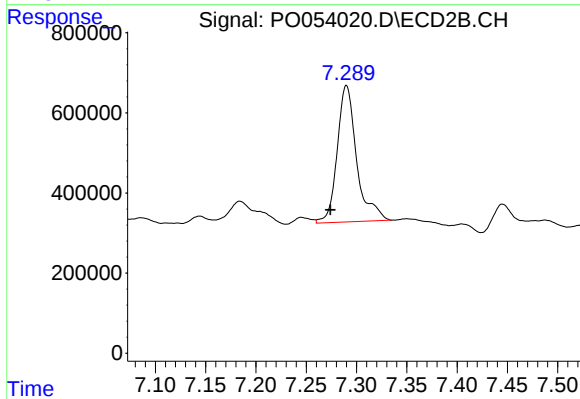
#39 AR-1262-4

R.T.: 6.746 min
Delta R.T.: -0.046 min
Response: 2893639
Conc: 98.78 ng/ml



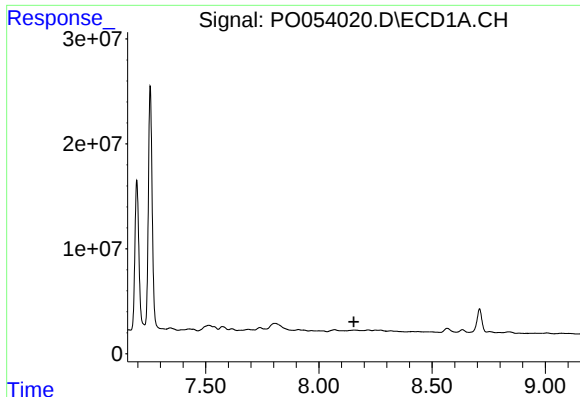
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.810 min
Response: 0
Conc: N.D.



#40 AR-1262-5

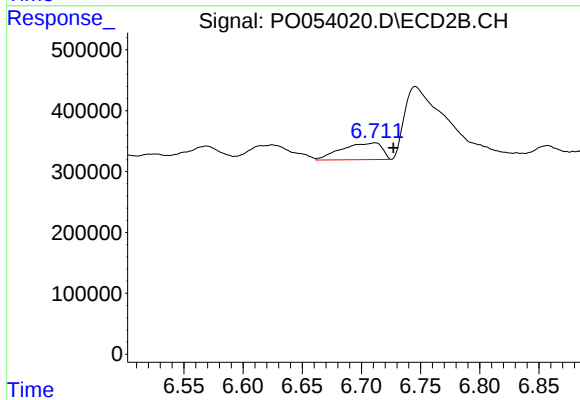
R.T.: 7.290 min
Delta R.T.: 0.016 min
Response: 4586248
Conc: 334.58 ng/ml



#41 AR-1268-1

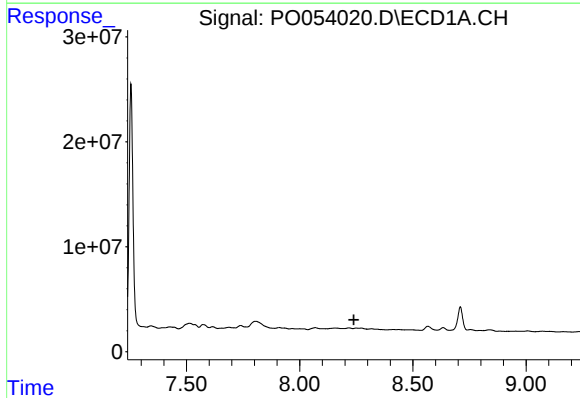
R.T.: 0.000 min
Exp R.T.: 8.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
10-10



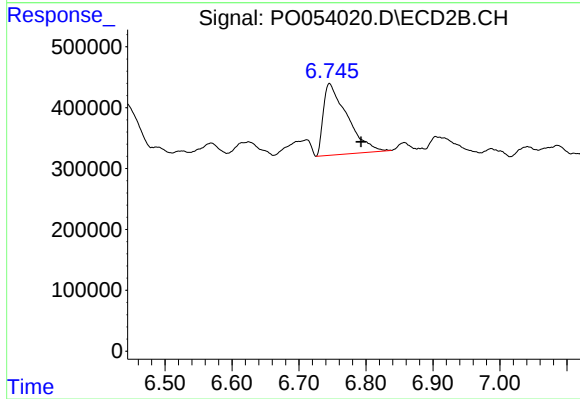
#41 AR-1268-1

R.T.: 6.711 min
Delta R.T.: -0.016 min
Response: 650627
Conc: 14.27 ng/ml



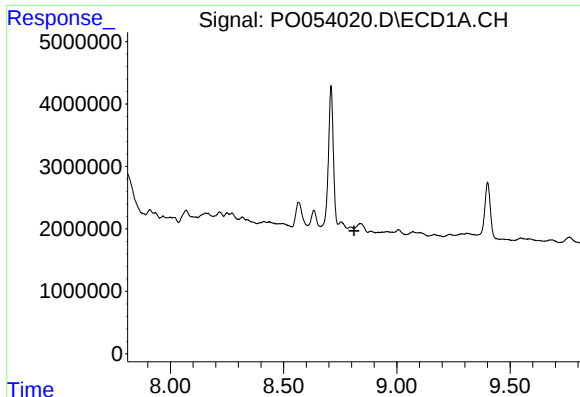
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.239 min
Response: 0
Conc: N.D.



#42 AR-1268-2

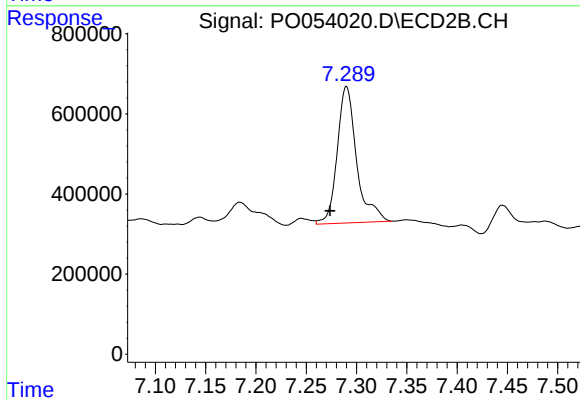
R.T.: 6.746 min
Delta R.T.: -0.047 min
Response: 2893639
Conc: 67.54 ng/ml



#44 AR-1268-4

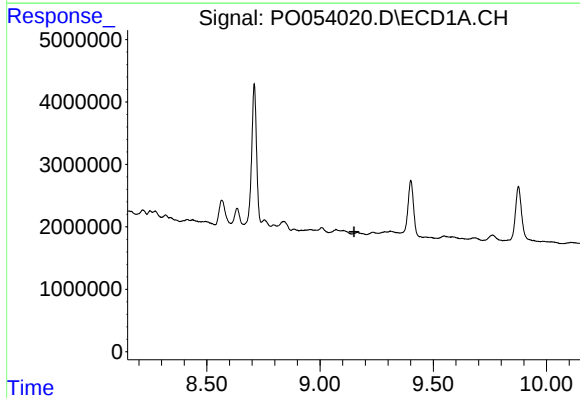
R.T.: 0.000 min
Exp R.T.: 8.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
10-10



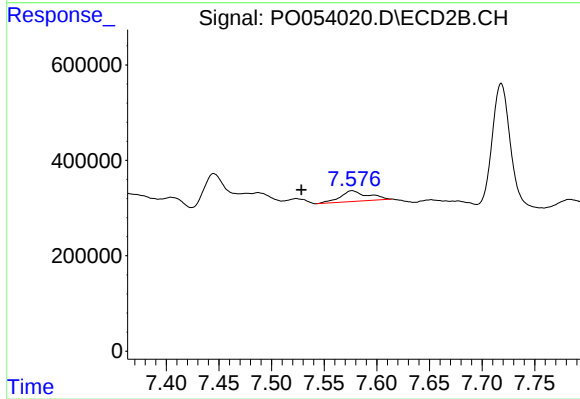
#44 AR-1268-4

R.T.: 7.290 min
Delta R.T.: 0.016 min
Response: 4586248
Conc: 301.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.150 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.576 min
Delta R.T.: 0.048 min
Response: 407102
Conc: 3.79 ng/ml