

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020123\
 Data File : P0092335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 21:35
 Operator : YP/AJ
 Sample : 01335-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 00:52:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.448	3.646	23497722	11286598	8.117	8.038
2)	SA Decachlor...	10.367	8.686	14669442	7466664	7.108	6.614
Target Compounds							
3)	L1 AR-1016-1	5.607	4.719	11178377	2951328	122.225	64.214 #
4)	L1 AR-1016-2	5.607f	4.719	11178377	2951328	83.477	45.005 #
5)	L1 AR-1016-3	5.734	4.972f	1657487	614675	19.261	17.386
6)	L1 AR-1016-4	0.000	4.972	0	614675	N.D.	19.760 #
7)	L1 AR-1016-5	6.121	5.120f	1614432	235752	22.469	5.928 #
10)	L2 AR-1221-3	0.000	4.065	0	368322	N.D.	8.796 #
11)	L3 AR-1232-1	0.000	4.065f	0	368322	N.D.	10.471 #
12)	L3 AR-1232-2	5.400f	4.719	8285273	2951328	237.137	96.275 #
13)	L3 AR-1232-3	5.607f	4.972f	11178377	614675	182.587	38.180 #
14)	L3 AR-1232-4	0.000	5.012	0	255515	N.D.	15.644 #
15)	L3 AR-1232-5	5.915	5.120f	1621727	235752	65.618	13.180 #
16)	L4 AR-1242-1	5.607	4.719	11178377	2951328	143.333	75.669 #
17)	L4 AR-1242-2	5.607f	4.719	11178377	2951328	99.306	54.341 #
18)	L4 AR-1242-3	5.734	4.972f	1657487	614675	22.833	21.105
19)	L4 AR-1242-4	0.000	5.012	0	255515	N.D.	7.944 #
20)	L4 AR-1242-5	6.585	5.537	4270315	2178155	76.499	60.167
21)	L5 AR-1248-1	5.607	4.719	11178377	2951328	192.583	101.307 #
22)	L5 AR-1248-2	5.915	4.972	1621727	614675	17.746	13.624
23)	L5 AR-1248-3	6.121	5.012	1614432	255515	16.461	5.478 #
24)	L5 AR-1248-4	6.531	5.120f	2342267	235752	23.923	4.388 #
25)	L5 AR-1248-5	6.585	5.577	4270315	614176	45.294	12.973 #
26)	L6 AR-1254-1	6.504	5.537	4255354	2178155	38.435	27.786 #
27)	L6 AR-1254-2	6.728	5.685	7045022	2727155	43.339	39.415
28)	L6 AR-1254-3	7.102	6.091	9171304	6647341	55.607	62.279
29)	L6 AR-1254-4	7.393	6.320	10199346	5357023	93.242	90.960
30)	L6 AR-1254-5	7.822	6.740	28652738	13510955	203.646	148.447 #
31)	L7 AR-1260-1	7.270	6.222	11875789	5551750	90.135	73.495
32)	L7 AR-1260-2	7.535	6.411	33728558	7889383	227.455	90.047 #
33)	L7 AR-1260-3	7.902	6.560	11693762	10947540	103.244	126.285
34)	L7 AR-1260-4	8.128	7.040	18447874	3722782	148.815	55.591 #
35)	L7 AR-1260-5	8.465	7.283	16864873	10496079	75.948	73.760
36)	L8 AR-1262-1	7.822	6.740	28652738	13510955	265.180	291.123
37)	L8 AR-1262-2	8.465	7.283	16864873	10496079	70.648	71.141
38)	L8 AR-1262-3	8.802	7.567	10026655	1635286	59.313	26.166 #
39)	L8 AR-1262-4	8.864	7.631	5311287	6641340	52.207	60.618
40)	L8 AR-1262-5	9.574	8.131	3979611	1840624	44.500	35.722
41)	L9 AR-1268-1	8.802	7.567	10026655	1635286	31.696	8.987 #
42)	L9 AR-1268-2	8.864	7.631	5311287	6641340	17.596	40.132 #
43)	L9 AR-1268-3	9.088f	7.888f	1843505	516175	7.283	3.476 #

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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	9.574	8.131	3979611	1840624	38.075	29.322
45) L9	AR-1268-5	10.021	0.000	2258614	0	2.854	N.D. #

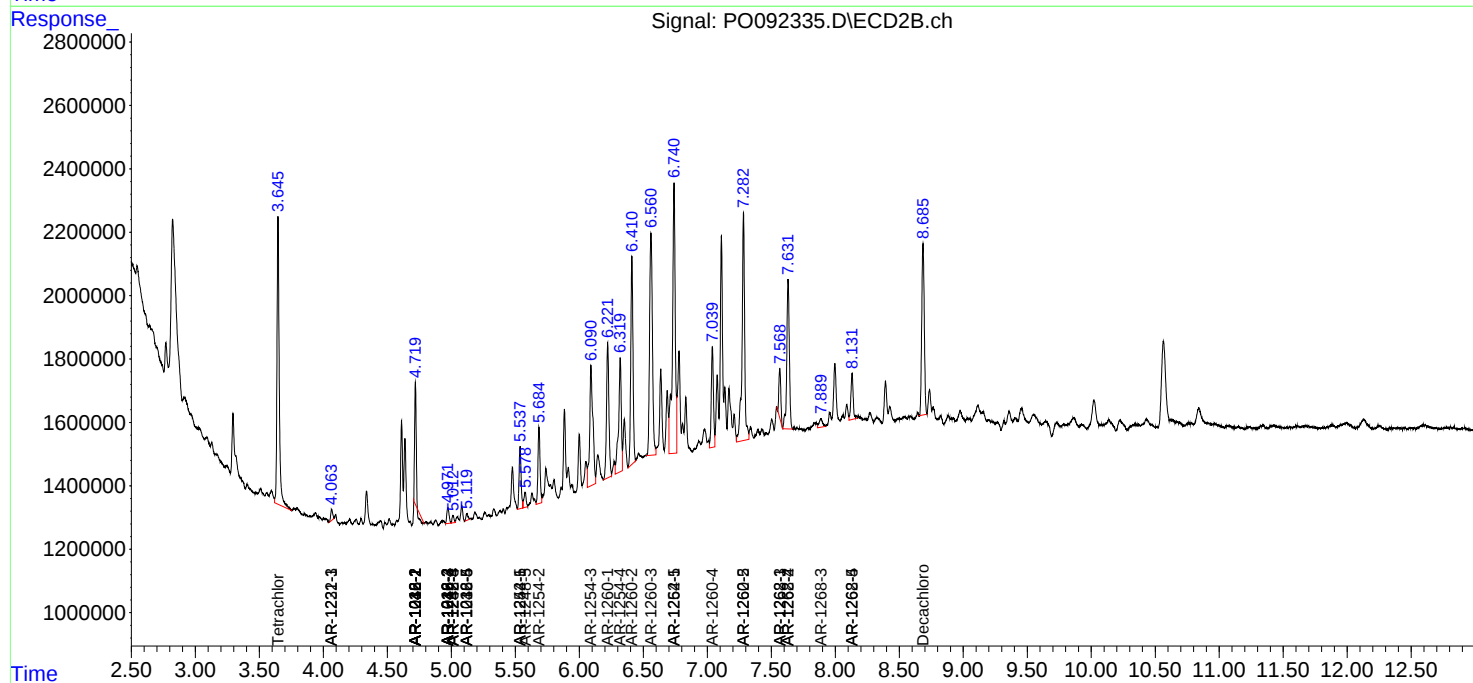
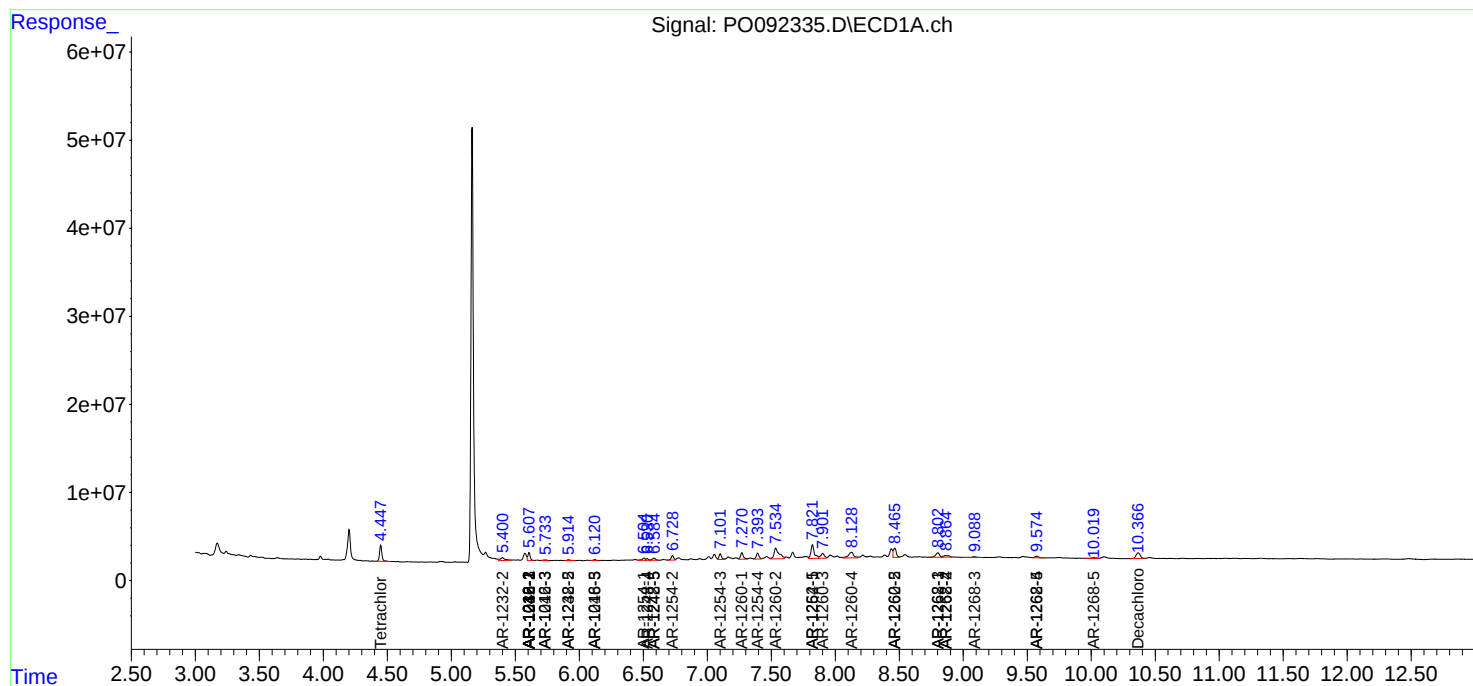
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

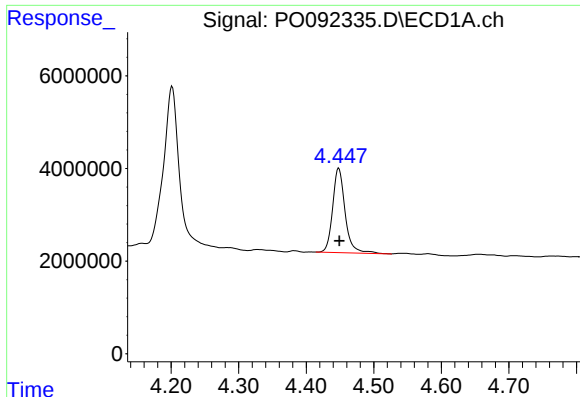
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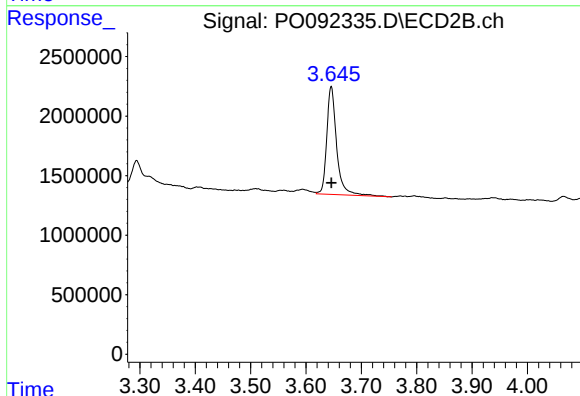




#1 Tetrachloro-m-xylene

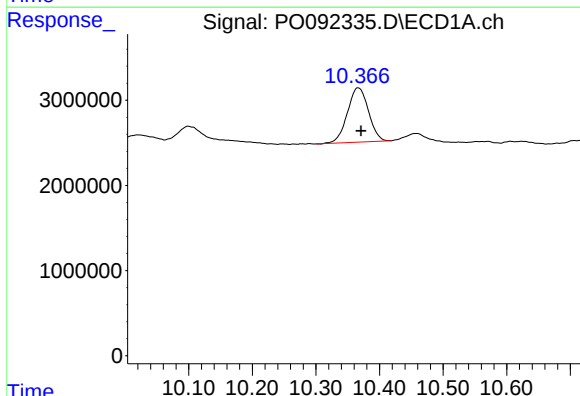
R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 23497722
Conc: 8.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



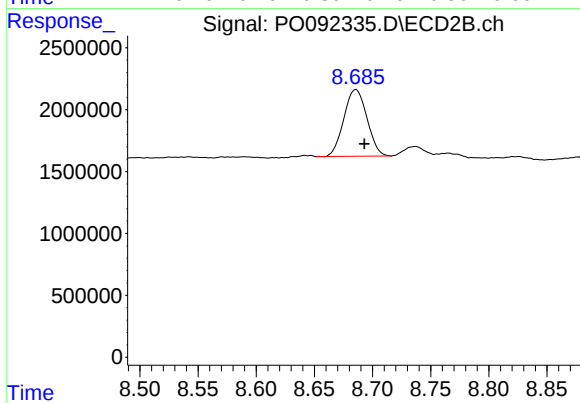
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 11286598
Conc: 8.04 ng/ml



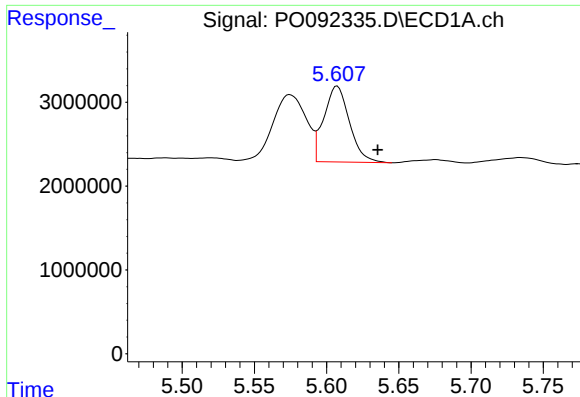
#2 Decachlorobiphenyl

R.T.: 10.367 min
Delta R.T.: -0.005 min
Response: 14669442
Conc: 7.11 ng/ml



#2 Decachlorobiphenyl

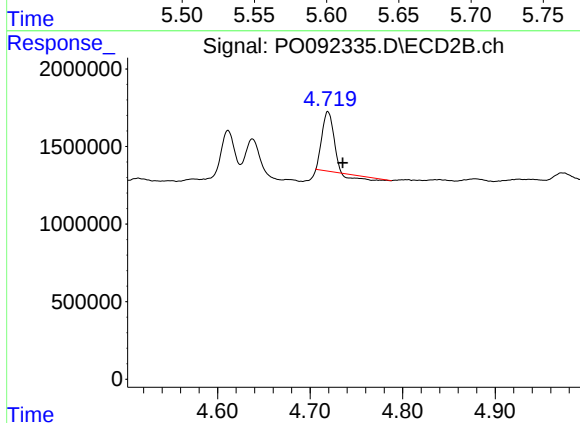
R.T.: 8.686 min
Delta R.T.: -0.008 min
Response: 7466664
Conc: 6.61 ng/ml



#3 AR-1016-1

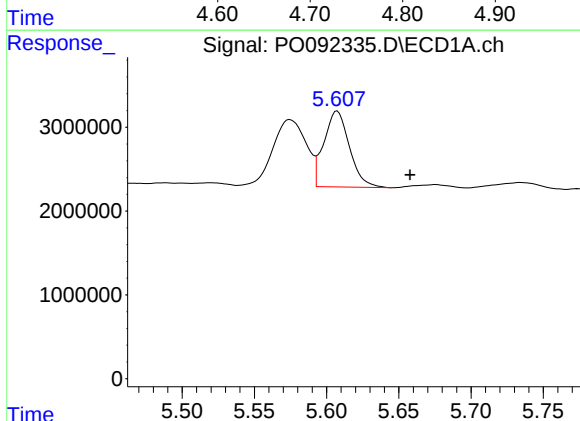
R.T.: 5.607 min
Delta R.T.: -0.028 min
Response: 11178377
Conc: 122.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



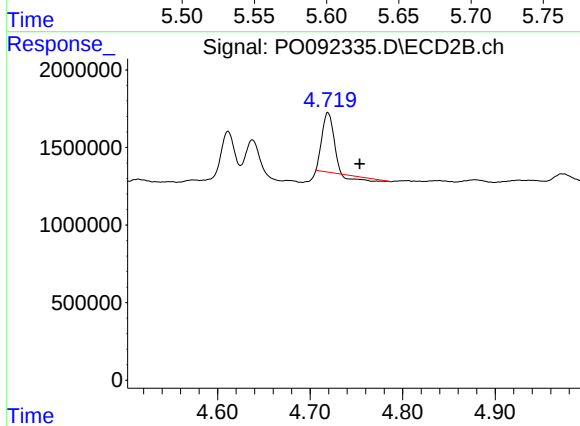
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: -0.016 min
Response: 2951328
Conc: 64.21 ng/ml



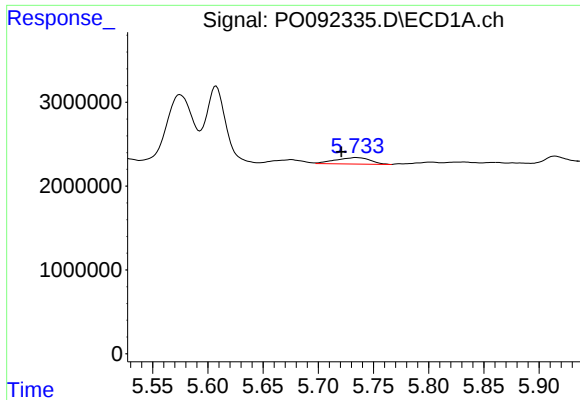
#4 AR-1016-2

R.T.: 5.607 min
Delta R.T.: -0.050 min
Response: 11178377
Conc: 83.48 ng/ml



#4 AR-1016-2

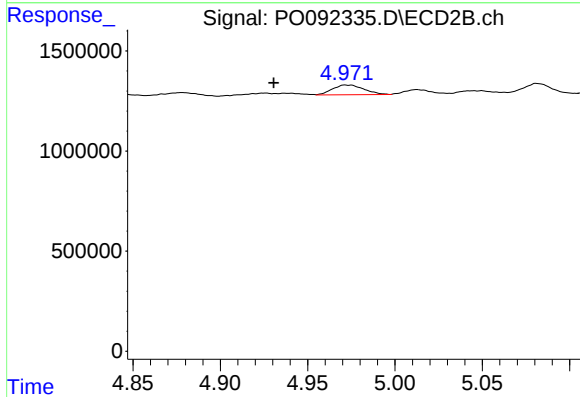
R.T.: 4.719 min
Delta R.T.: -0.034 min
Response: 2951328
Conc: 45.00 ng/ml



#5 AR-1016-3

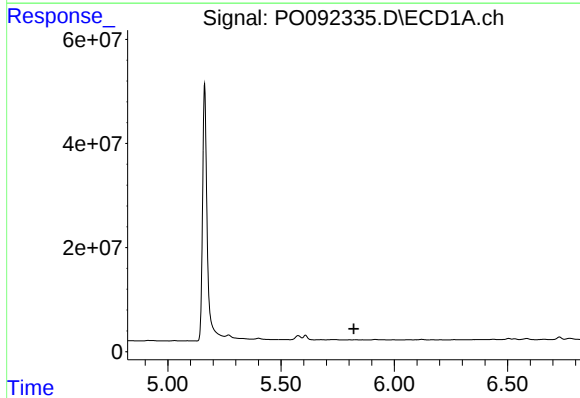
R.T.: 5.734 min
Delta R.T.: 0.013 min
Response: 1657487
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



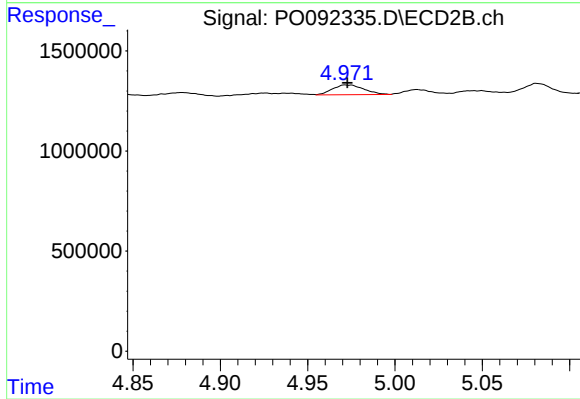
#5 AR-1016-3

R.T.: 4.972 min
Delta R.T.: 0.042 min
Response: 614675
Conc: 17.39 ng/ml



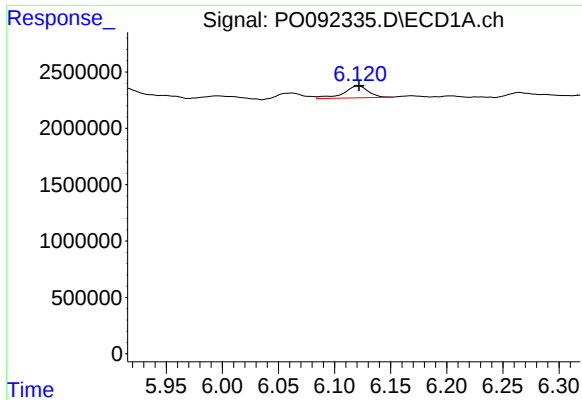
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.821 min
Response: 0
Conc: N.D.



#6 AR-1016-4

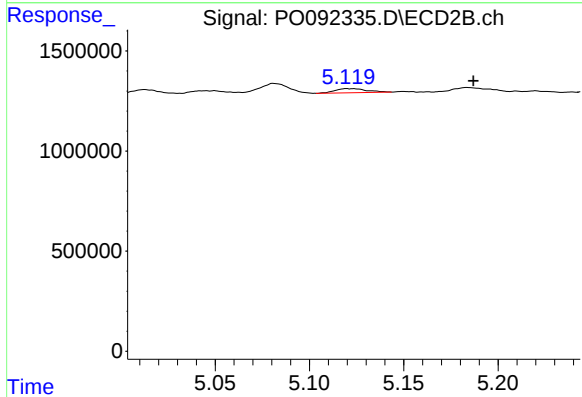
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 614675
Conc: 19.76 ng/ml



#7 AR-1016-5

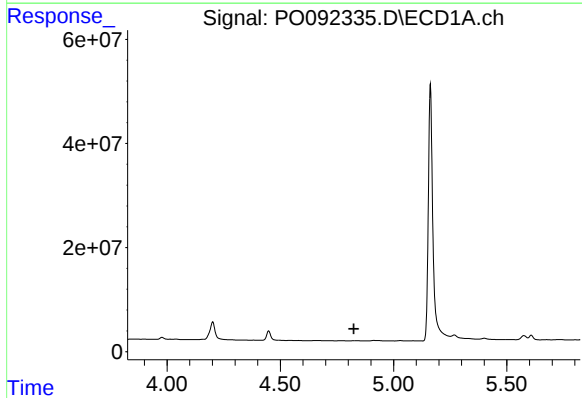
R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 1614432
Conc: 22.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



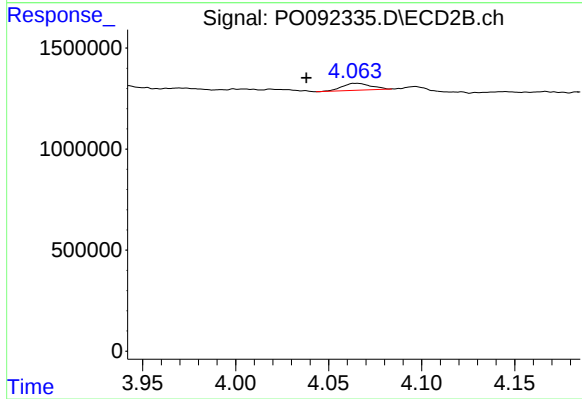
#7 AR-1016-5

R.T.: 5.120 min
Delta R.T.: -0.067 min
Response: 235752
Conc: 5.93 ng/ml



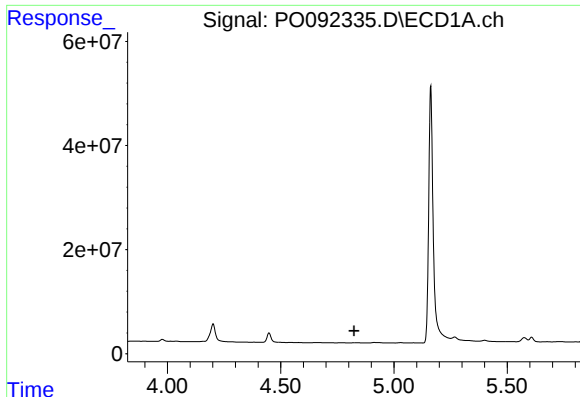
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.824 min
Response: 0
Conc: N.D.



#10 AR-1221-3

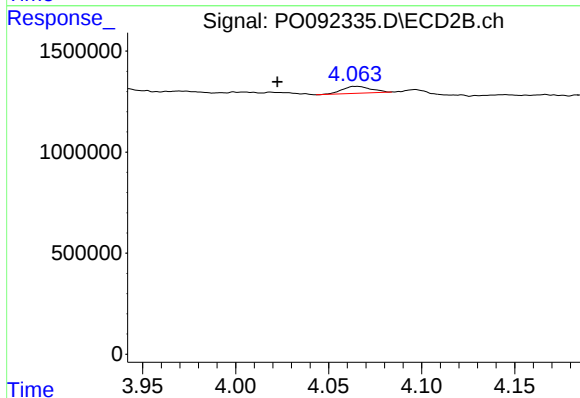
R.T.: 4.065 min
Delta R.T.: 0.027 min
Response: 368322
Conc: 8.80 ng/ml



#11 AR-1232-1

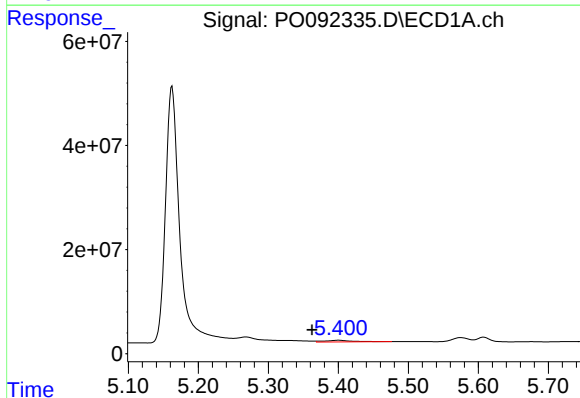
R.T.: 0.000 min
Exp R.T.: 4.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



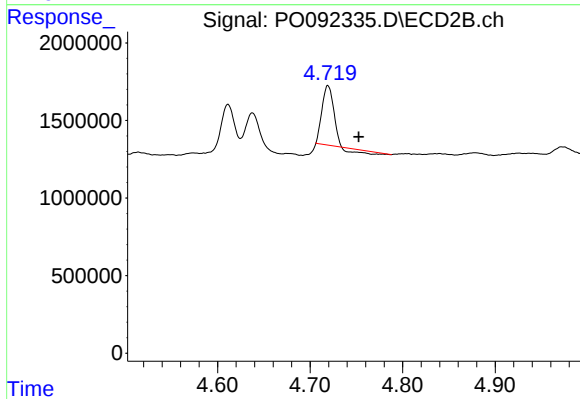
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: 0.043 min
Response: 368322
Conc: 10.47 ng/ml



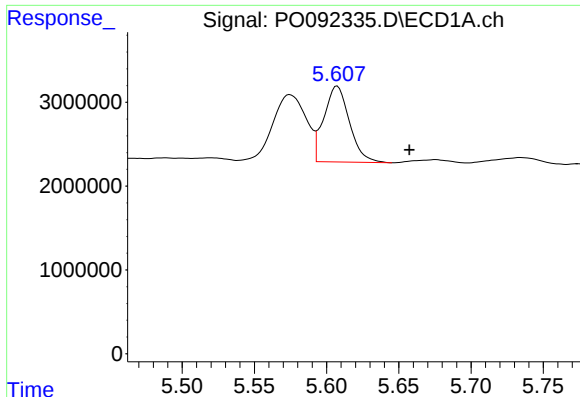
#12 AR-1232-2

R.T.: 5.400 min
Delta R.T.: 0.038 min
Response: 8285273
Conc: 237.14 ng/ml



#12 AR-1232-2

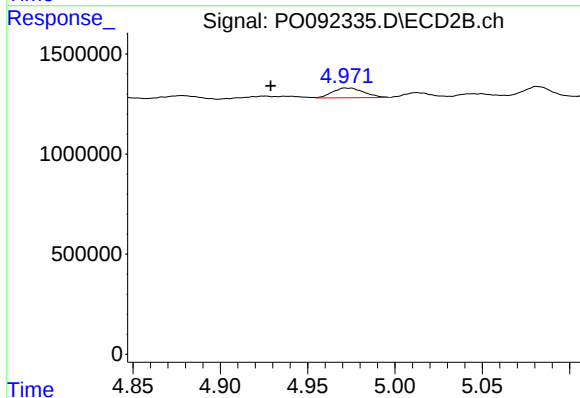
R.T.: 4.719 min
Delta R.T.: -0.033 min
Response: 2951328
Conc: 96.28 ng/ml



#13 AR-1232-3

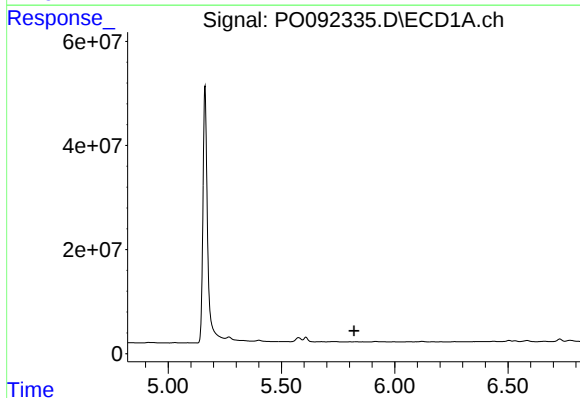
R.T.: 5.607 min
Delta R.T.: -0.050 min
Response: 11178377
Conc: 182.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



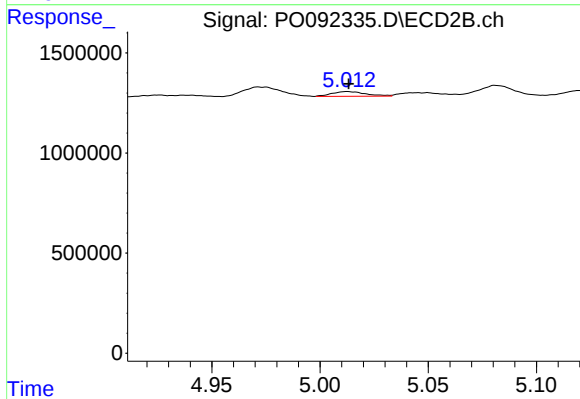
#13 AR-1232-3

R.T.: 4.972 min
Delta R.T.: 0.043 min
Response: 614675
Conc: 38.18 ng/ml



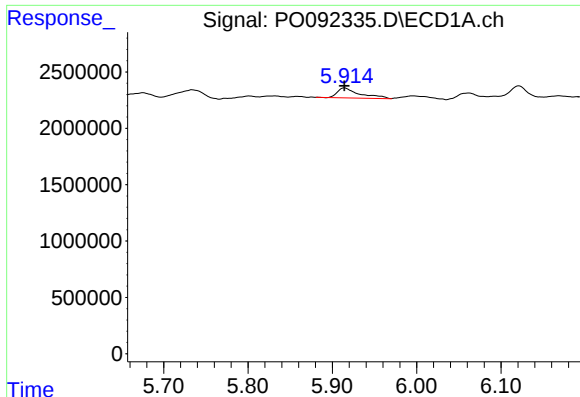
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.820 min
Response: 0
Conc: N.D.



#14 AR-1232-4

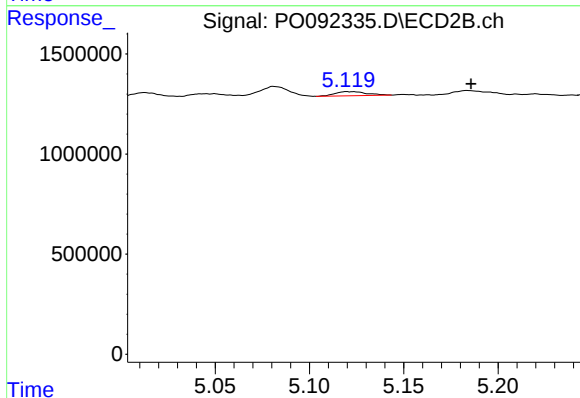
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 255515
Conc: 15.64 ng/ml



#15 AR-1232-5

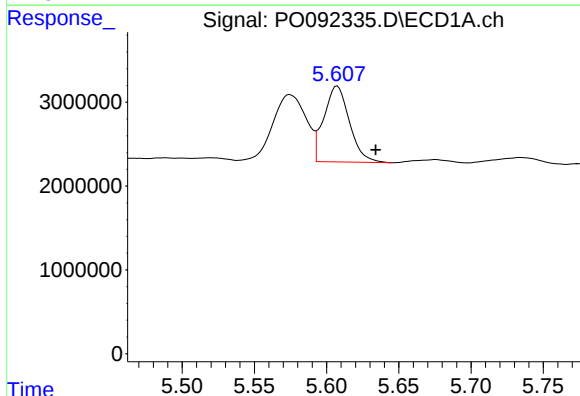
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 1621727
Conc: 65.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



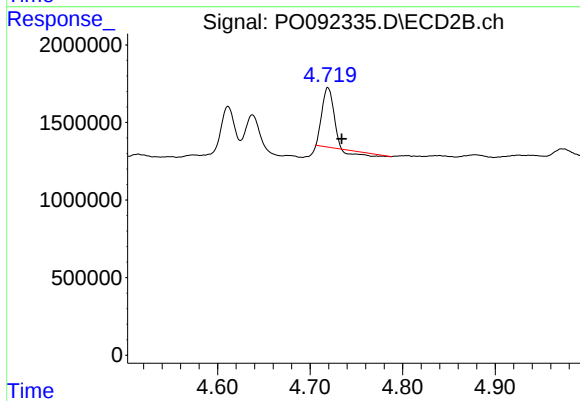
#15 AR-1232-5

R.T.: 5.120 min
Delta R.T.: -0.065 min
Response: 235752
Conc: 13.18 ng/ml



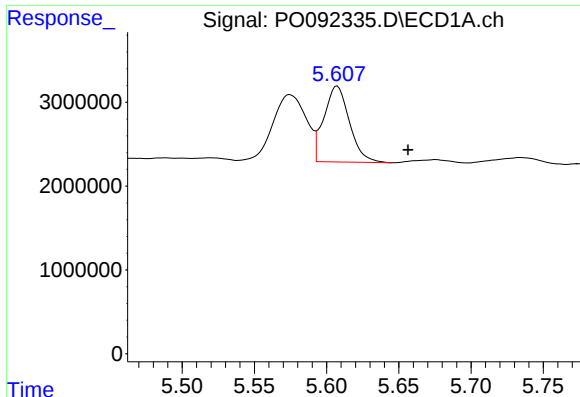
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: -0.027 min
Response: 11178377
Conc: 143.33 ng/ml



#16 AR-1242-1

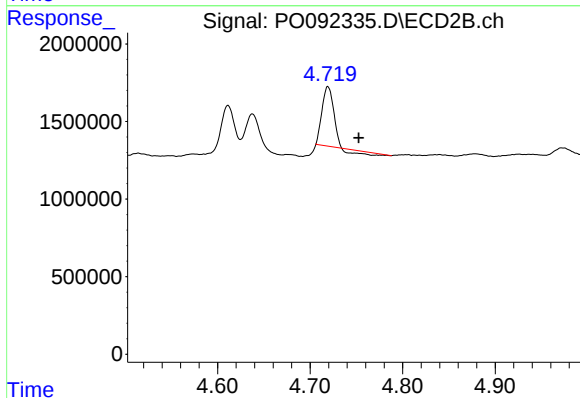
R.T.: 4.719 min
Delta R.T.: -0.015 min
Response: 2951328
Conc: 75.67 ng/ml



#17 AR-1242-2

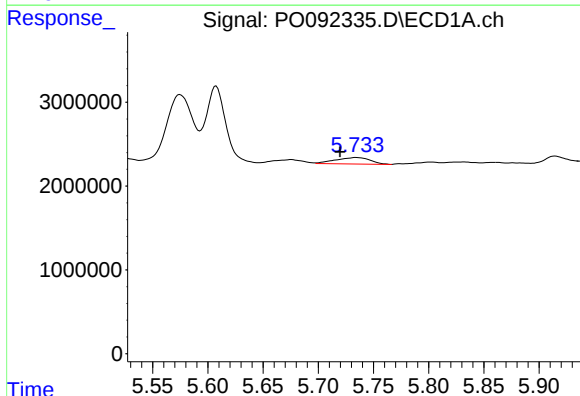
R.T.: 5.607 min
Delta R.T.: -0.049 min
Response: 11178377
Conc: 99.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



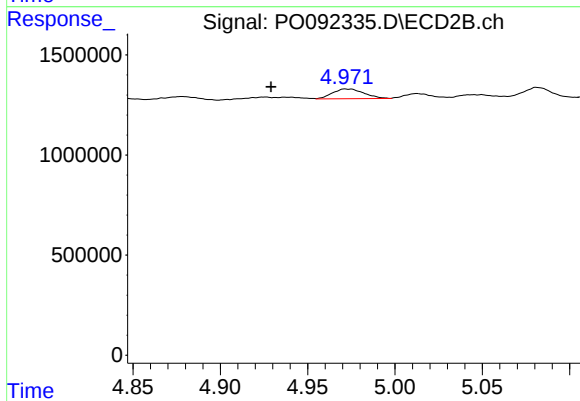
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.033 min
Response: 2951328
Conc: 54.34 ng/ml



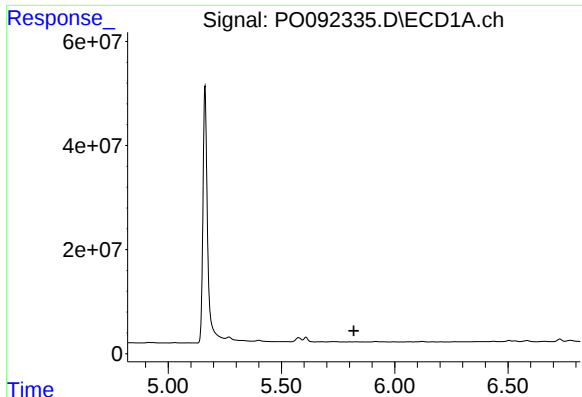
#18 AR-1242-3

R.T.: 5.734 min
Delta R.T.: 0.014 min
Response: 1657487
Conc: 22.83 ng/ml



#18 AR-1242-3

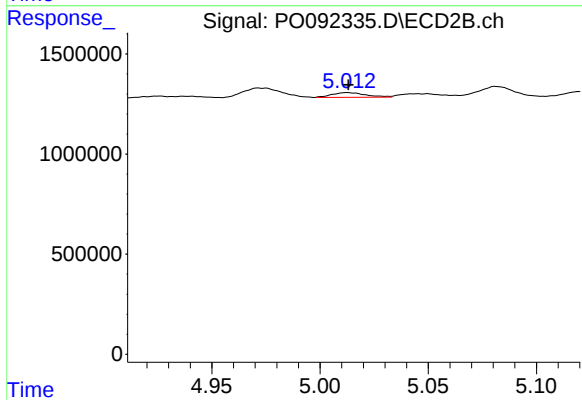
R.T.: 4.972 min
Delta R.T.: 0.043 min
Response: 614675
Conc: 21.11 ng/ml



#19 AR-1242-4

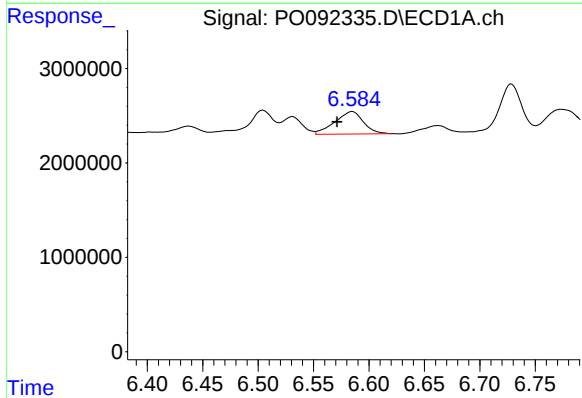
R.T.: 0.000 min
Exp R.T.: 5.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



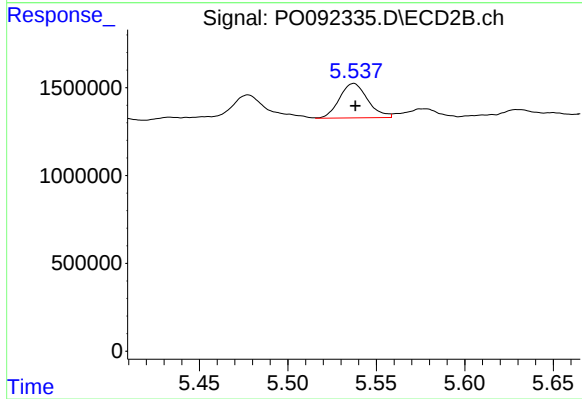
#19 AR-1242-4

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 255515
Conc: 7.94 ng/ml



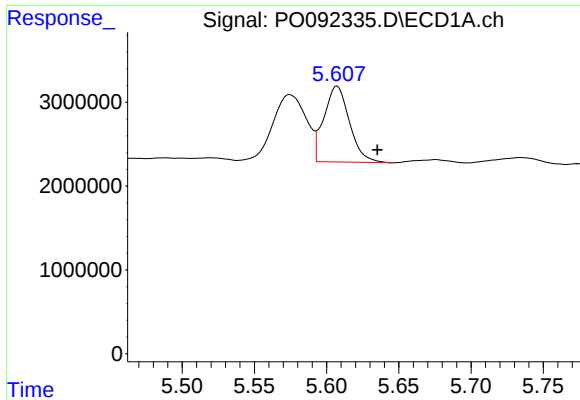
#20 AR-1242-5

R.T.: 6.585 min
Delta R.T.: 0.014 min
Response: 4270315
Conc: 76.50 ng/ml



#20 AR-1242-5

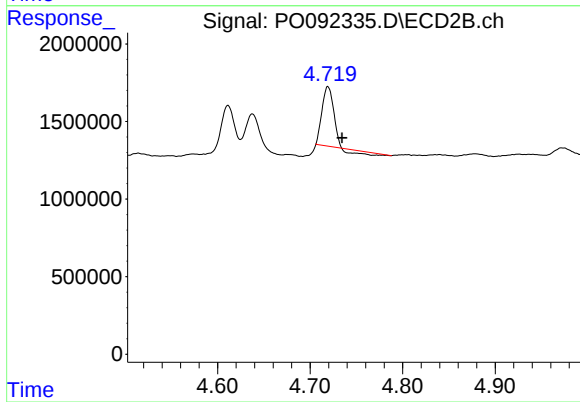
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 2178155
Conc: 60.17 ng/ml



#21 AR-1248-1

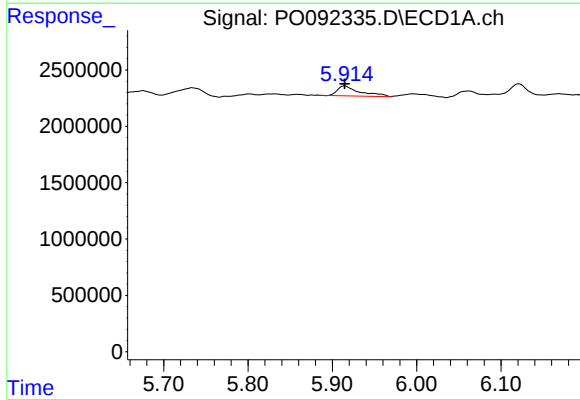
R.T.: 5.607 min
Delta R.T.: -0.028 min
Response: 11178377
Conc: 192.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



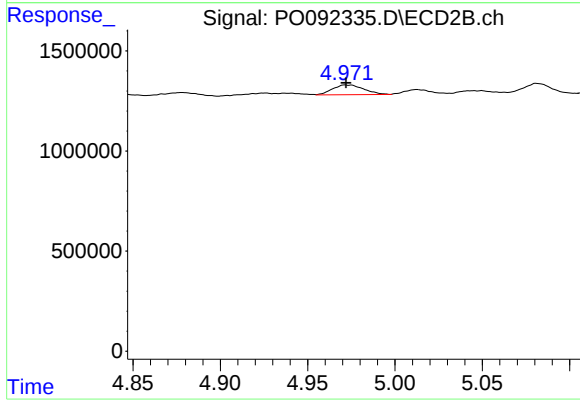
#21 AR-1248-1

R.T.: 4.719 min
Delta R.T.: -0.015 min
Response: 2951328
Conc: 101.31 ng/ml



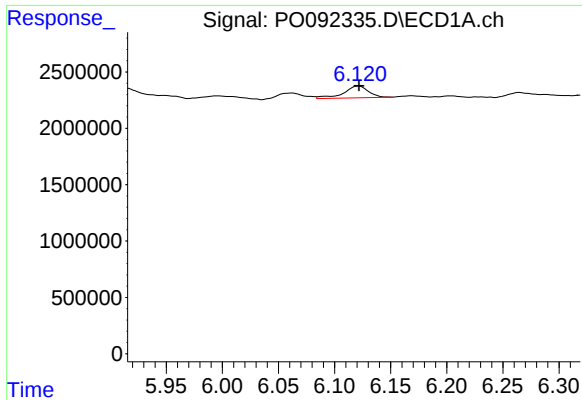
#22 AR-1248-2

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 1621727
Conc: 17.75 ng/ml



#22 AR-1248-2

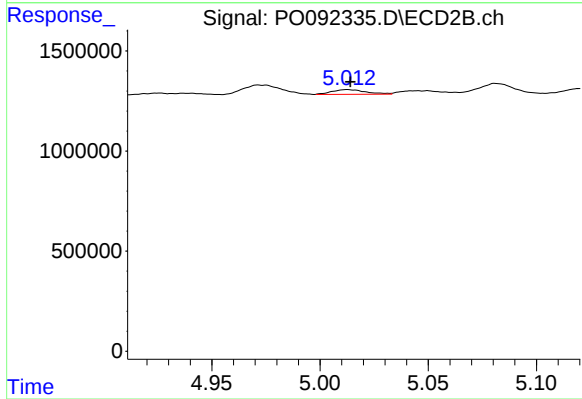
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 614675
Conc: 13.62 ng/ml



#23 AR-1248-3

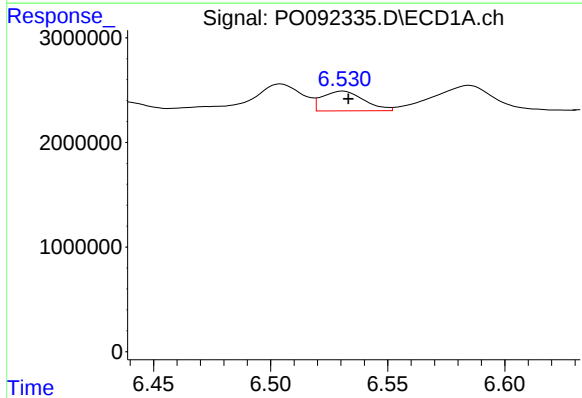
R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 1614432
Conc: 16.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



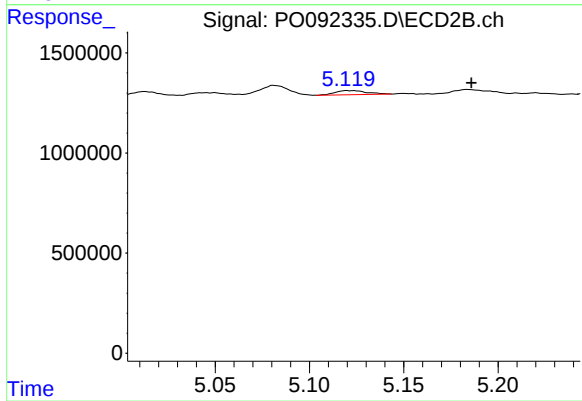
#23 AR-1248-3

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 255515
Conc: 5.48 ng/ml



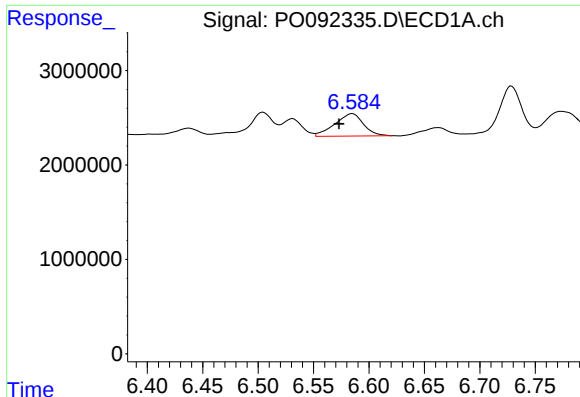
#24 AR-1248-4

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 2342267
Conc: 23.92 ng/ml



#24 AR-1248-4

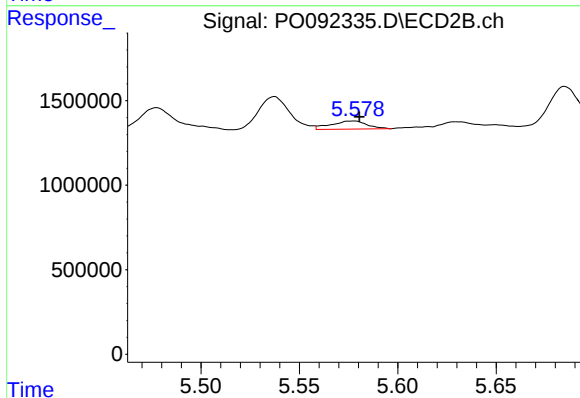
R.T.: 5.120 min
Delta R.T.: -0.066 min
Response: 235752
Conc: 4.39 ng/ml



#25 AR-1248-5

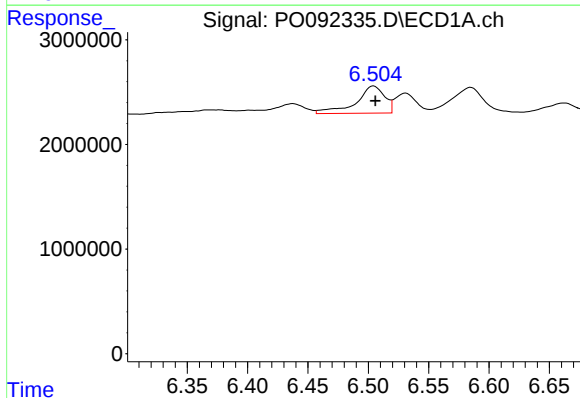
R.T.: 6.585 min
Delta R.T.: 0.012 min
Response: 4270315
Conc: 45.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



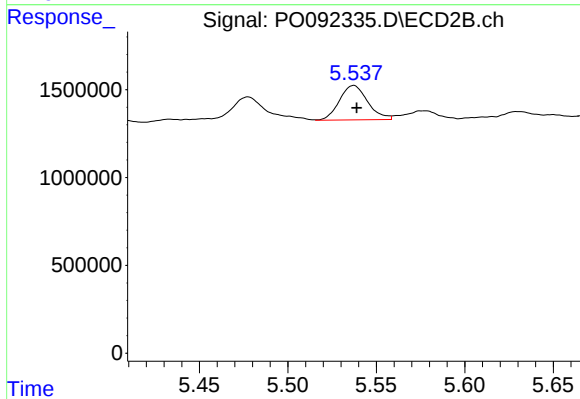
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.003 min
Response: 614176
Conc: 12.97 ng/ml



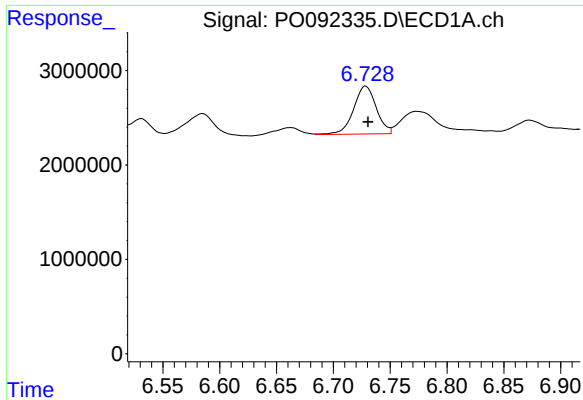
#26 AR-1254-1

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 4255354
Conc: 38.44 ng/ml



#26 AR-1254-1

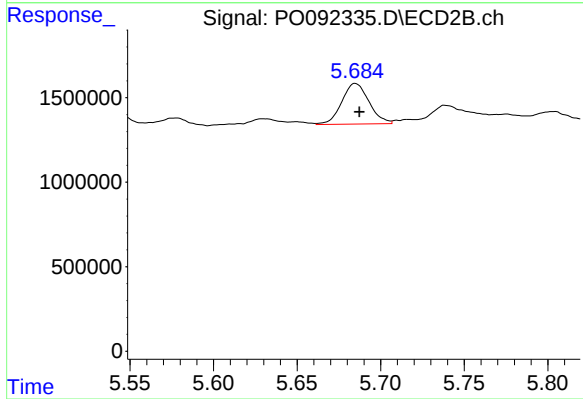
R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 2178155
Conc: 27.79 ng/ml



#27 AR-1254-2

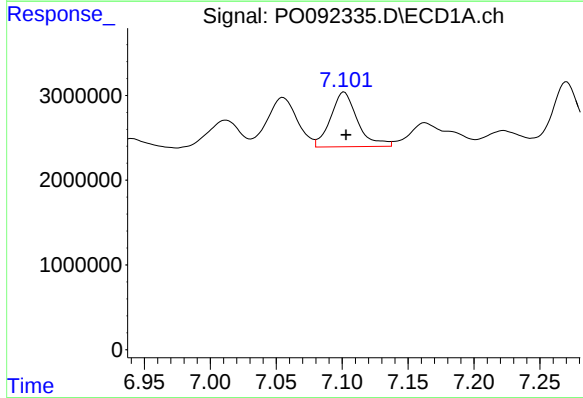
R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 7045022
Conc: 43.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



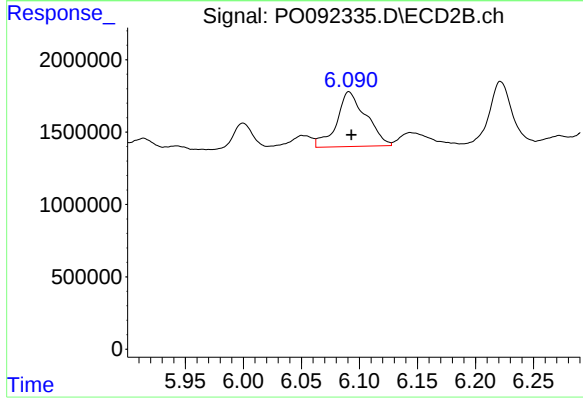
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 2727155
Conc: 39.42 ng/ml



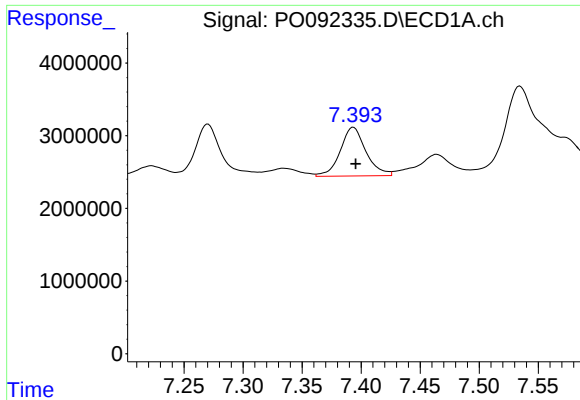
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.001 min
Response: 9171304
Conc: 55.61 ng/ml



#28 AR-1254-3

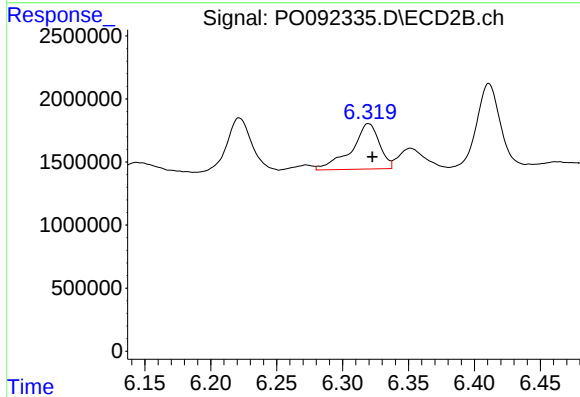
R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 6647341
Conc: 62.28 ng/ml



#29 AR-1254-4

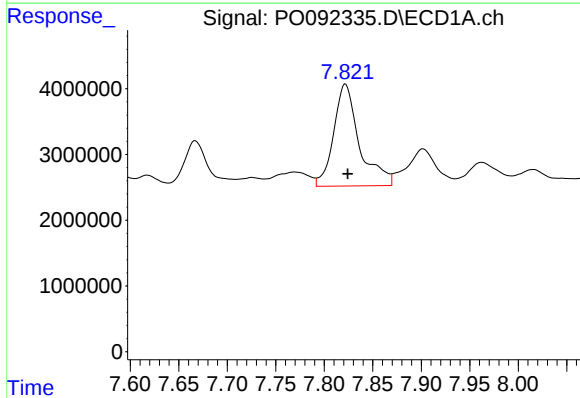
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 10199346
Conc: 93.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



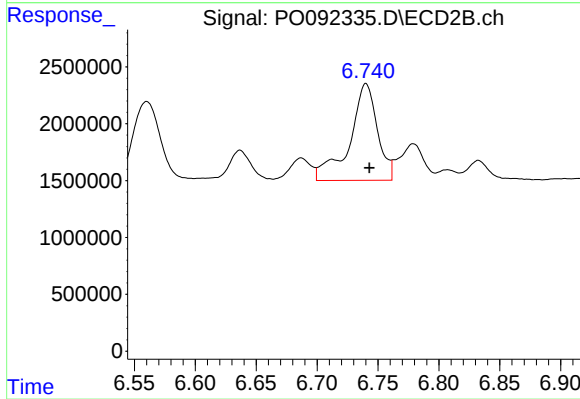
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 5357023
Conc: 90.96 ng/ml



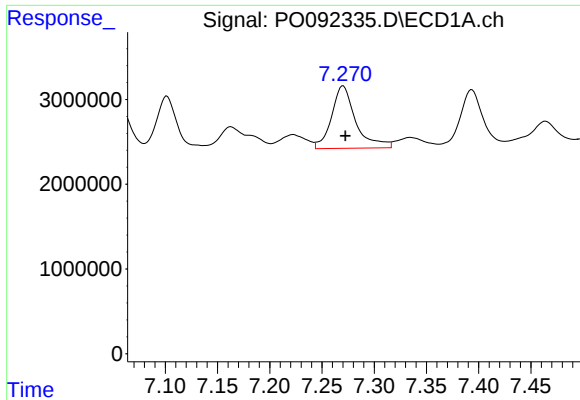
#30 AR-1254-5

R.T.: 7.822 min
Delta R.T.: -0.002 min
Response: 28652738
Conc: 203.65 ng/ml



#30 AR-1254-5

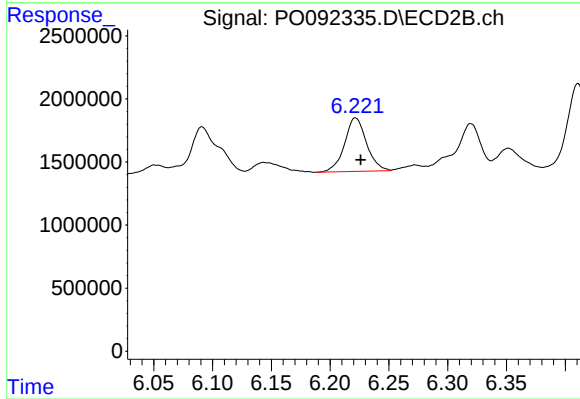
R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 13510955
Conc: 148.45 ng/ml



#31 AR-1260-1

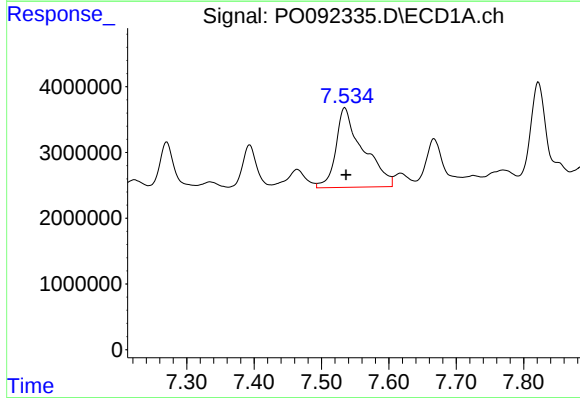
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 11875789
Conc: 90.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



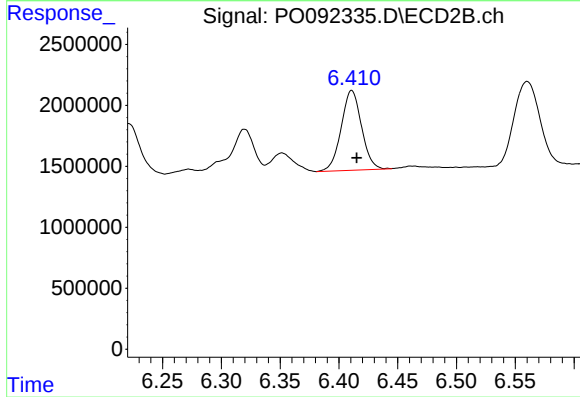
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: -0.004 min
Response: 5551750
Conc: 73.49 ng/ml



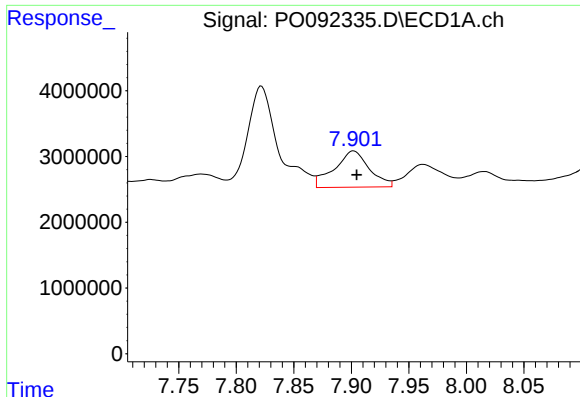
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 33728558
Conc: 227.46 ng/ml



#32 AR-1260-2

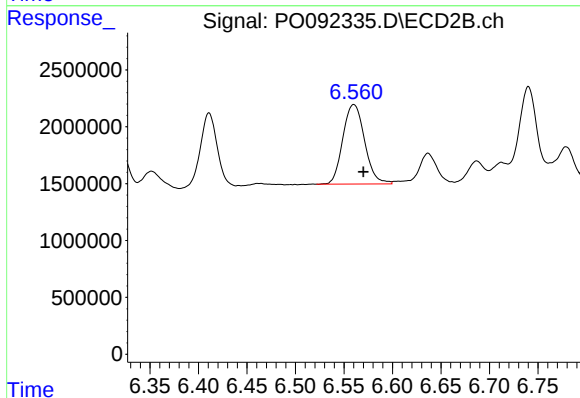
R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 7889383
Conc: 90.05 ng/ml



#33 AR-1260-3

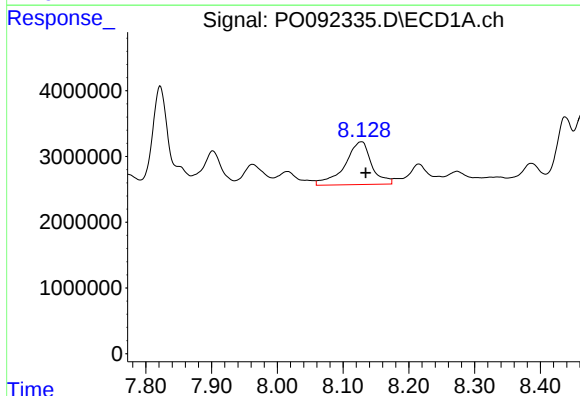
R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 11693762
Conc: 103.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



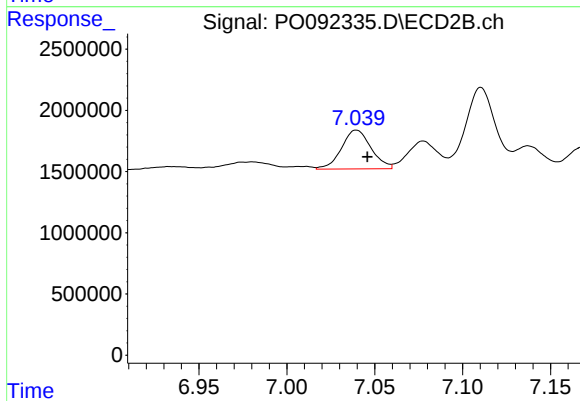
#33 AR-1260-3

R.T.: 6.560 min
Delta R.T.: -0.010 min
Response: 10947540
Conc: 126.28 ng/ml



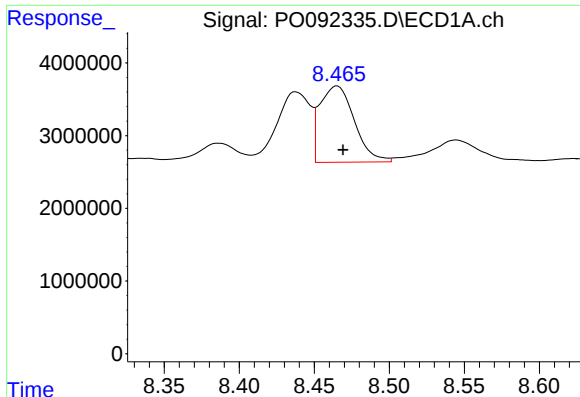
#34 AR-1260-4

R.T.: 8.128 min
Delta R.T.: -0.007 min
Response: 18447874
Conc: 148.82 ng/ml



#34 AR-1260-4

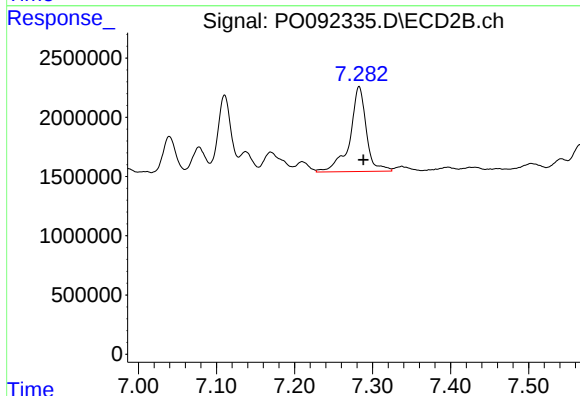
R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 3722782
Conc: 55.59 ng/ml



#35 AR-1260-5

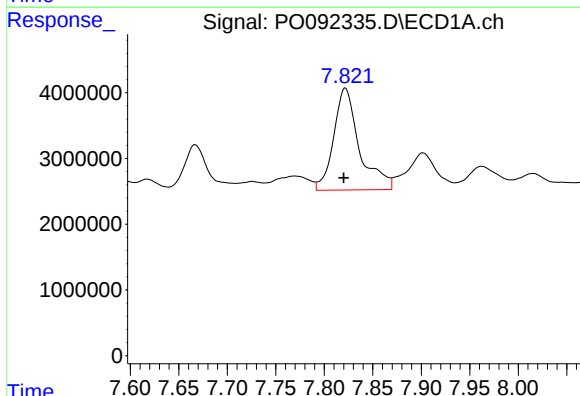
R.T.: 8.465 min
Delta R.T.: -0.004 min
Response: 16864873
Conc: 75.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



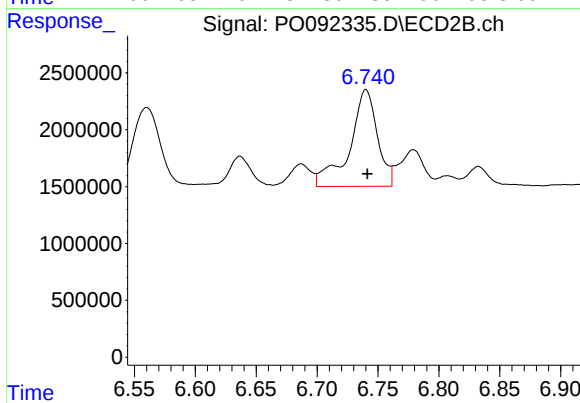
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.006 min
Response: 10496079
Conc: 73.76 ng/ml



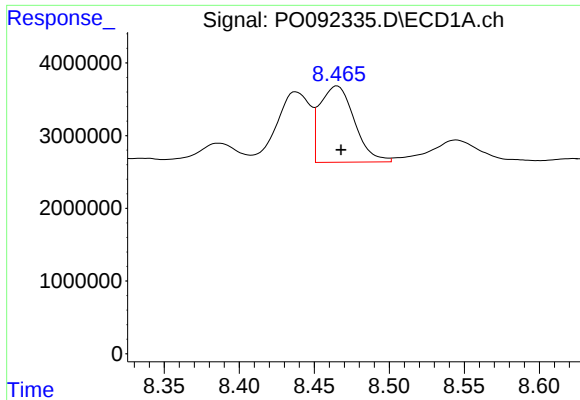
#36 AR-1262-1

R.T.: 7.822 min
Delta R.T.: 0.002 min
Response: 28652738
Conc: 265.18 ng/ml



#36 AR-1262-1

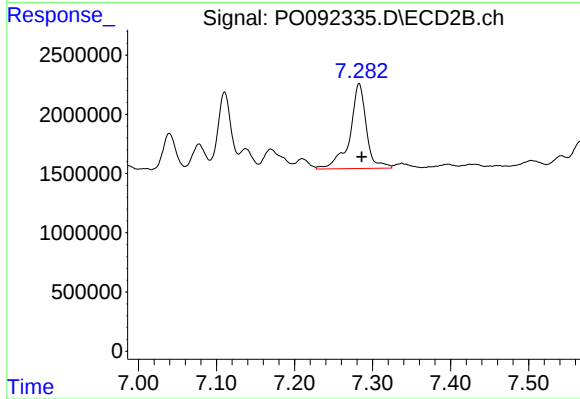
R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 13510955
Conc: 291.12 ng/ml



#37 AR-1262-2

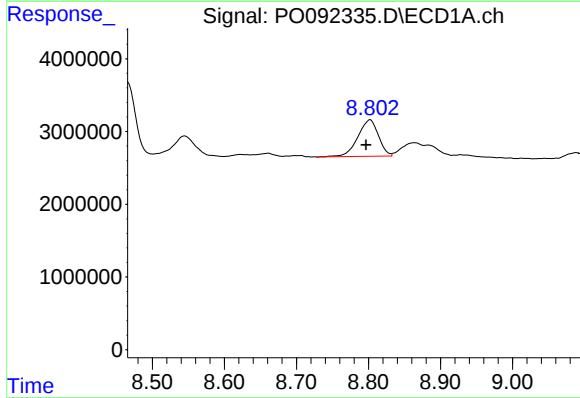
R.T.: 8.465 min
Delta R.T.: -0.003 min
Response: 16864873
Conc: 70.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



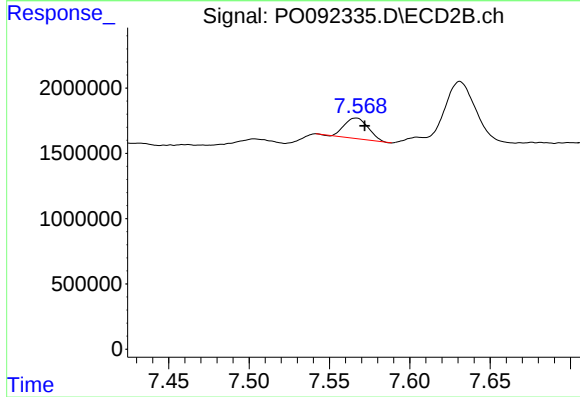
#37 AR-1262-2

R.T.: 7.283 min
Delta R.T.: -0.004 min
Response: 10496079
Conc: 71.14 ng/ml



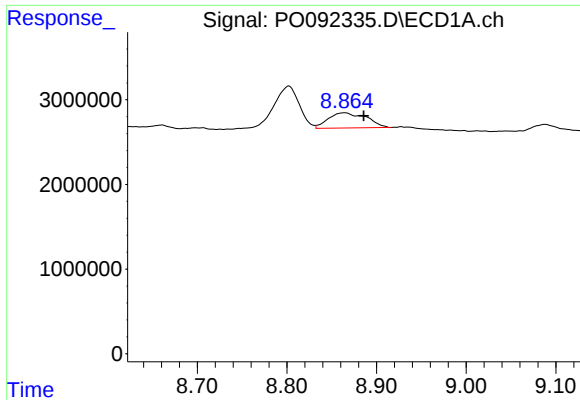
#38 AR-1262-3

R.T.: 8.802 min
Delta R.T.: 0.005 min
Response: 10026655
Conc: 59.31 ng/ml



#38 AR-1262-3

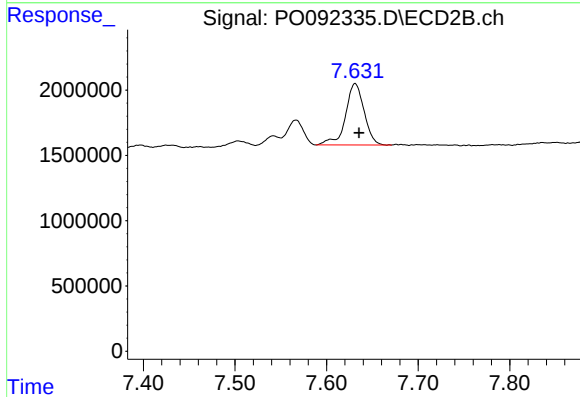
R.T.: 7.567 min
Delta R.T.: -0.005 min
Response: 1635286
Conc: 26.17 ng/ml



#39 AR-1262-4

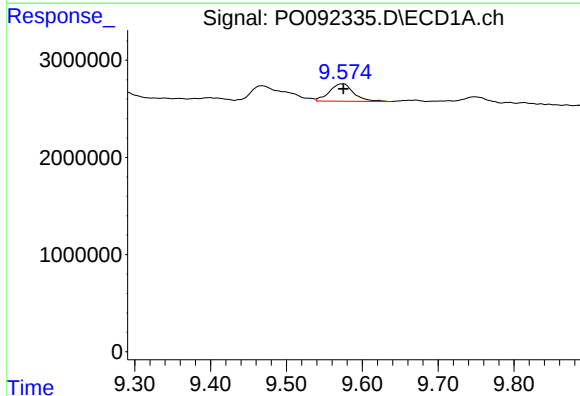
R.T.: 8.864 min
Delta R.T.: -0.022 min
Response: 5311287
Conc: 52.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



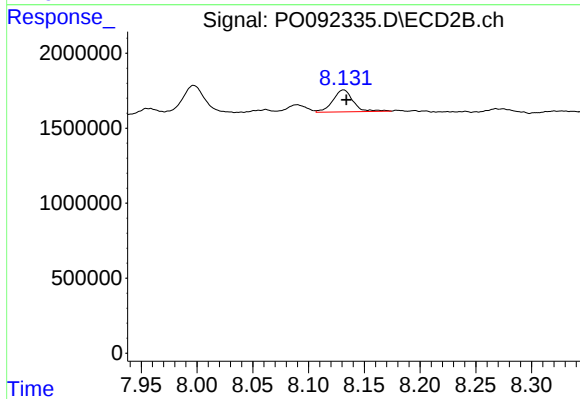
#39 AR-1262-4

R.T.: 7.631 min
Delta R.T.: -0.004 min
Response: 6641340
Conc: 60.62 ng/ml



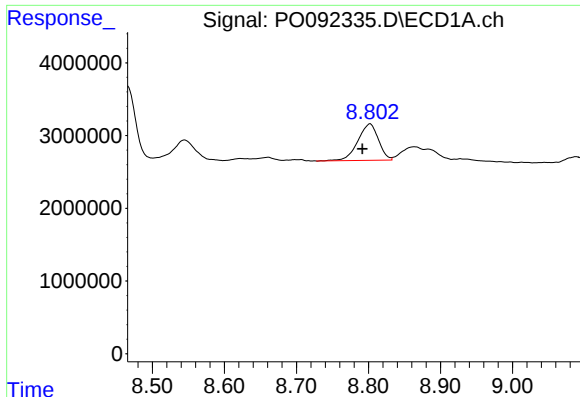
#40 AR-1262-5

R.T.: 9.574 min
Delta R.T.: -0.001 min
Response: 3979611
Conc: 44.50 ng/ml



#40 AR-1262-5

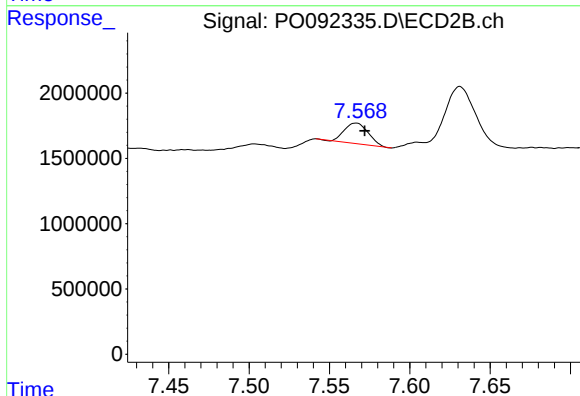
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 1840624
Conc: 35.72 ng/ml



#41 AR-1268-1

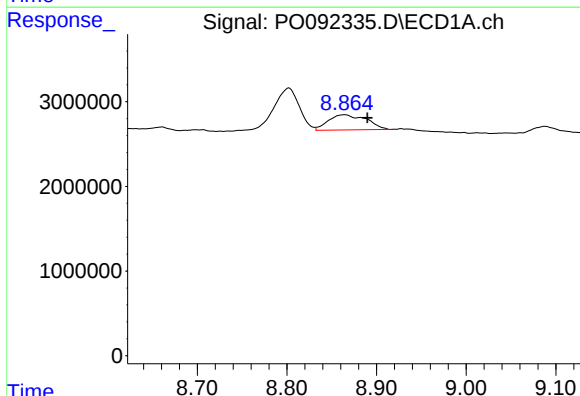
R.T.: 8.802 min
Delta R.T.: 0.011 min
Response: 10026655
Conc: 31.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



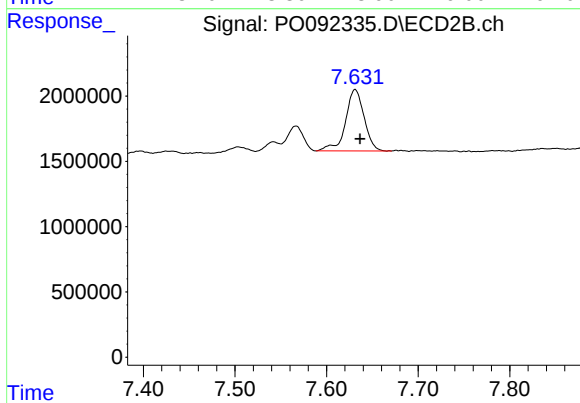
#41 AR-1268-1

R.T.: 7.567 min
Delta R.T.: -0.005 min
Response: 1635286
Conc: 8.99 ng/ml



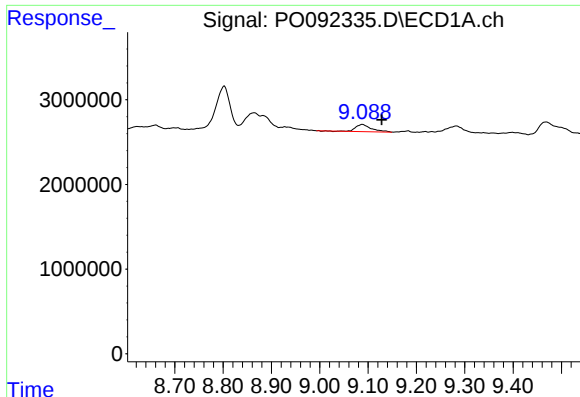
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: -0.026 min
Response: 5311287
Conc: 17.60 ng/ml



#42 AR-1268-2

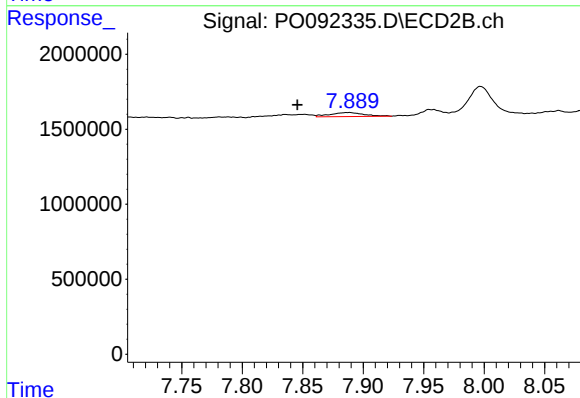
R.T.: 7.631 min
Delta R.T.: -0.005 min
Response: 6641340
Conc: 40.13 ng/ml



#43 AR-1268-3

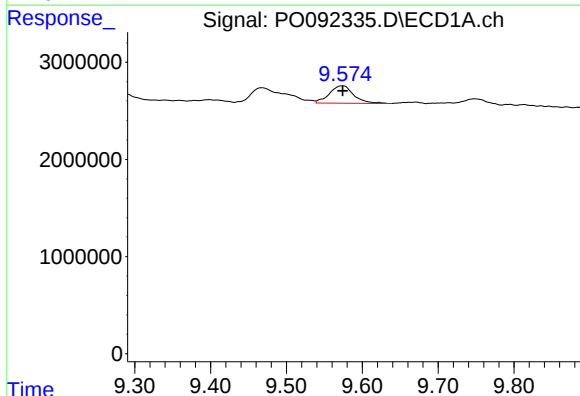
R.T.: 9.088 min
Delta R.T.: -0.040 min
Response: 1843505
Conc: 7.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



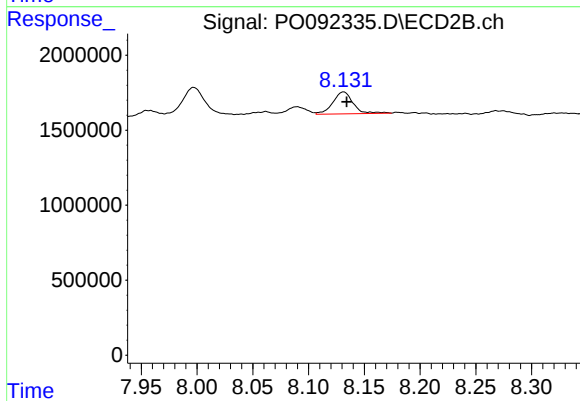
#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: 0.042 min
Response: 516175
Conc: 3.48 ng/ml



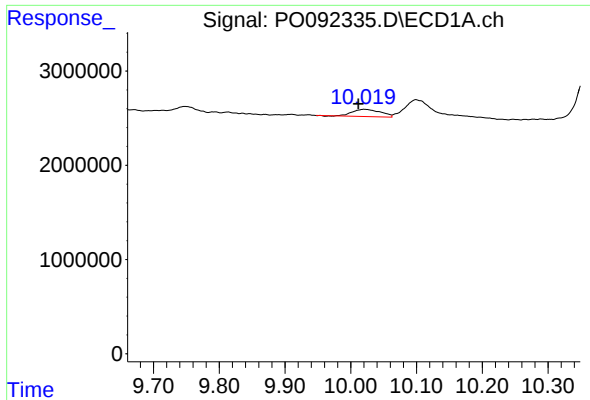
#44 AR-1268-4

R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 3979611
Conc: 38.07 ng/ml



#44 AR-1268-4

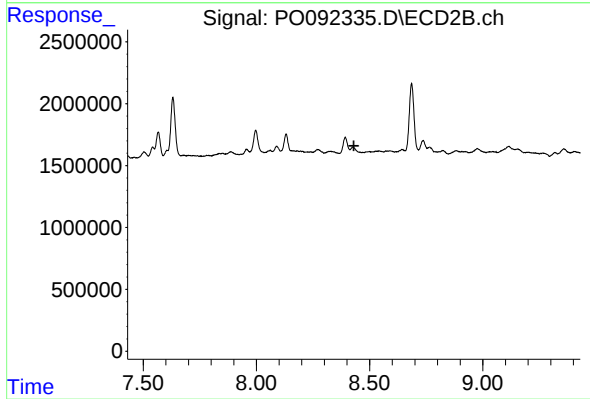
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 1840624
Conc: 29.32 ng/ml



#45 AR-1268-5

R.T.: 10.021 min
Delta R.T.: 0.009 min
Response: 2258614
Conc: 2.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.430 min
Response: 0
Conc: N.D.