

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
 Data File : P0097834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 12:26
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 15:56:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.442	3.622	192.6E6	50601836	48.337	52.838
2)	SA Decachlor...	10.290	8.658	92871489	42695104	49.705	49.972
Target Compounds							
3)	L1 AR-1016-1	5.620	4.713	46573601	14722511	431.317	457.732
4)	L1 AR-1016-2	5.642	4.731	68265776	20423178	421.841	449.596
5)	L1 AR-1016-3	5.705	4.908	42534618	11144602	427.169	457.743
6)	L1 AR-1016-4	5.804	4.951	33353781	9203806	422.977	438.089
7)	L1 AR-1016-5	6.101	5.165	35058314	12765892	427.048	459.330
8)	L2 AR-1221-1	4.648	3.838	7237900	1753930	151.918	145.253
9)	L2 AR-1221-2	4.740	3.924	9899960	2433174	278.623	285.245
10)	L2 AR-1221-3	4.816	4.000	31063303	8099796	299.835	302.269
11)	L3 AR-1232-1	4.816	4.000	31063303	8099796	361.764	367.211
12)	L3 AR-1232-2	5.350	4.731	39488552	20423178	903.690	995.468
13)	L3 AR-1232-3	5.642	4.908	68265776	11144602	941.913	1024.966
14)	L3 AR-1232-4	5.804	4.992	33353781	11814759	967.219	1088.200
15)	L3 AR-1232-5	5.896	5.165	31060353	12765892	994.279	1052.992
16)	L4 AR-1242-1	5.620	4.713	46573601	14722511	500.028	524.621
17)	L4 AR-1242-2	5.642	4.731	68265776	20423178	486.575	514.586
18)	L4 AR-1242-3	5.705	4.908	42534618	11144602	491.470	527.381
19)	L4 AR-1242-4	5.804	4.992	33353781	11814759	491.792	515.511
20)	L4 AR-1242-5	6.548	5.518	34229473	13864080	486.439	532.185
21)	L5 AR-1248-1	5.620	4.713	46573601	14722511	686.384	716.685
22)	L5 AR-1248-2	5.896	4.951	31060353	9203806	287.215	302.084
23)	L5 AR-1248-3	6.101	4.992	35058314	11814759	312.360	370.984
24)	L5 AR-1248-4	6.509	5.165	31052261	12765892	300.373	341.129
25)	L5 AR-1248-5	6.548	5.559	34229473	11842599	307.066	355.396
26)	L6 AR-1254-1	6.481	5.518	23562139	13864080	192.191	255.028 #
27)	L6 AR-1254-2	6.706	5.667	27390329	4175432	152.691	86.709 #
28)	L6 AR-1254-3	7.072	6.072	11854933	4456630	66.944	60.321
29)	L6 AR-1254-4	7.361	6.301	7478836	3168300	69.481	79.943
30)	L6 AR-1254-5	7.784	6.722	2056579	1182242	17.105	19.195
31)	L7 AR-1260-1	7.240	6.217	1285055	1719152	9.093	32.312 #
32)	L7 AR-1260-2	7.499	6.391	2590689	883852	17.139	14.115
33)	L7 AR-1260-3	7.862	6.543	213548	801619	1.885	13.901 #
34)	L7 AR-1260-4	8.077	7.018	1012725	78177	8.519	1.666 #
35)	L7 AR-1260-5	8.415	7.262	298386	187008	1.458	1.887 #
36)	L8 AR-1262-1	7.862	6.820	213548	43917	1.405	1.621
37)	L8 AR-1262-2	8.415	7.018	298386	78177	1.367	1.341
38)	L8 AR-1262-3	8.745	7.548	333057	204009	2.153	4.677 #
39)	L8 AR-1262-4	8.830	7.612	51036	187720	0.607	2.467 #
40)	L8 AR-1262-5	9.513	8.116	39782	33412	0.552	1.065 #
41)	L9 AR-1268-1	8.745	7.548	333057	204009	1.174	1.550 #

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Acq On : 08 Sep 2023 12:26
Operator : YP/AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

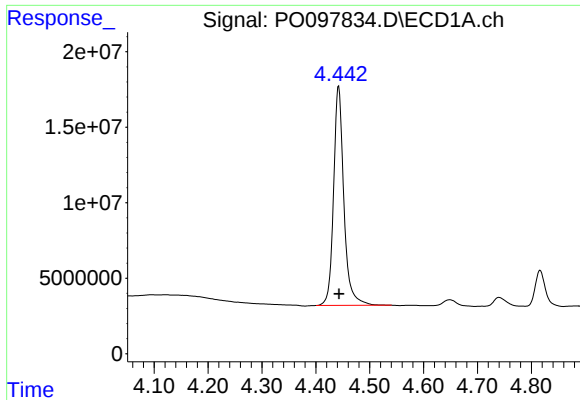
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 15:56:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 07 02:56:18 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
42)	L9 AR-1268-2	8.830	7.612	51036	187720	0.200	1.629 #
43)	L9 AR-1268-3	9.070	7.941	65159	182569	0.292	6.604 #
44)	L9 AR-1268-4	9.513	8.116	39782	33412	0.487	0.949 #
45)	L9 AR-1268-5	9.936	8.401	487829	430070	0.735	1.372 #

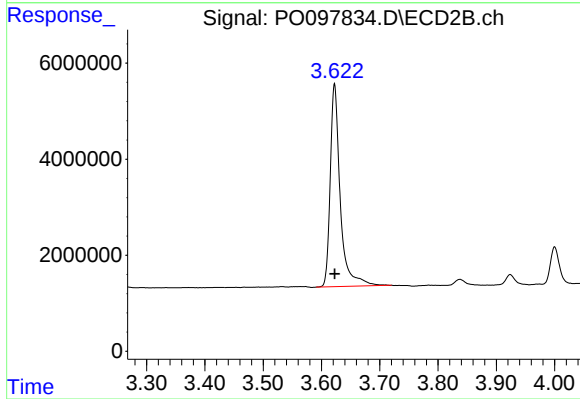
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

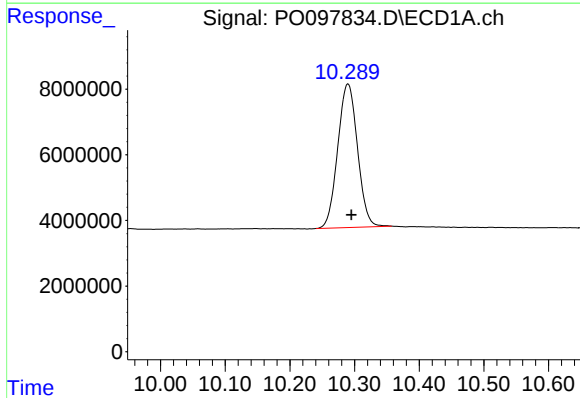
R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 192579888
Conc: 48.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



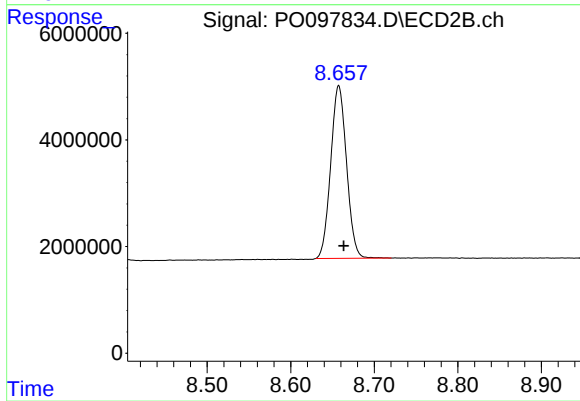
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 50601836
Conc: 52.84 ng/ml



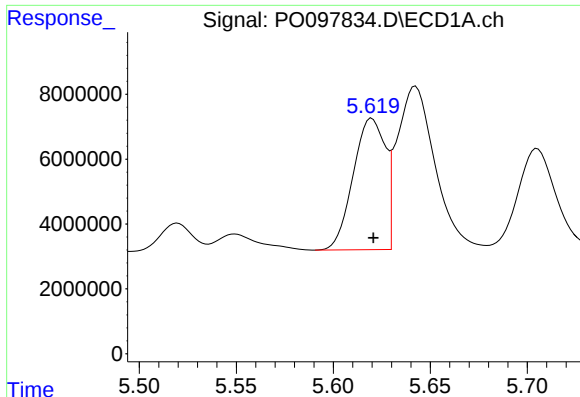
#2 Decachlorobiphenyl

R.T.: 10.290 min
Delta R.T.: -0.005 min
Response: 92871489
Conc: 49.71 ng/ml



#2 Decachlorobiphenyl

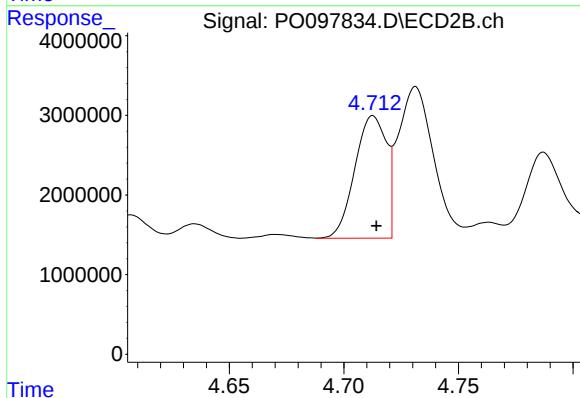
R.T.: 8.658 min
Delta R.T.: -0.006 min
Response: 42695104
Conc: 49.97 ng/ml



#3 AR-1016-1

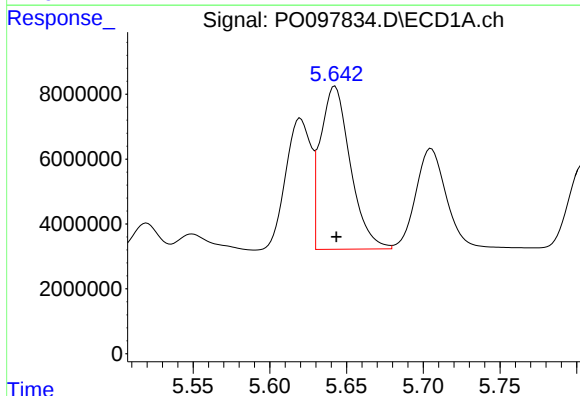
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 46573601
Conc: 431.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



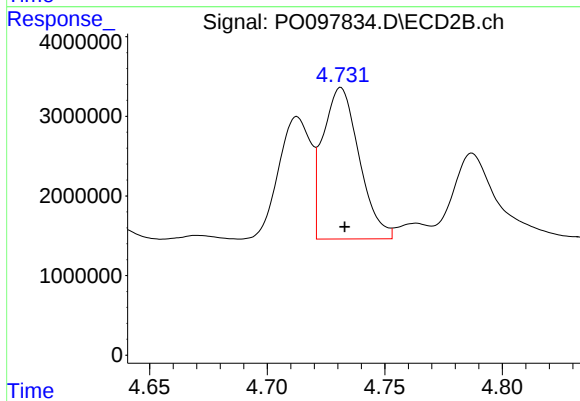
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 14722511
Conc: 457.73 ng/ml



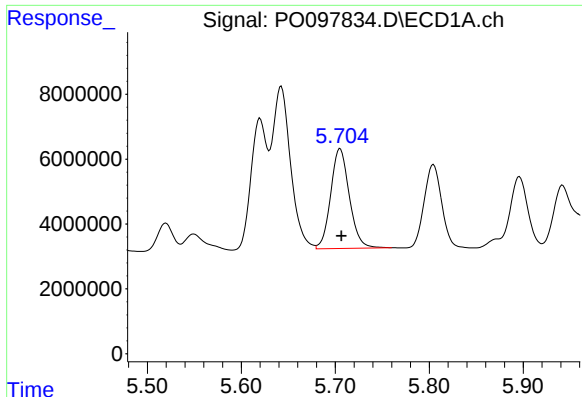
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 68265776
Conc: 421.84 ng/ml



#4 AR-1016-2

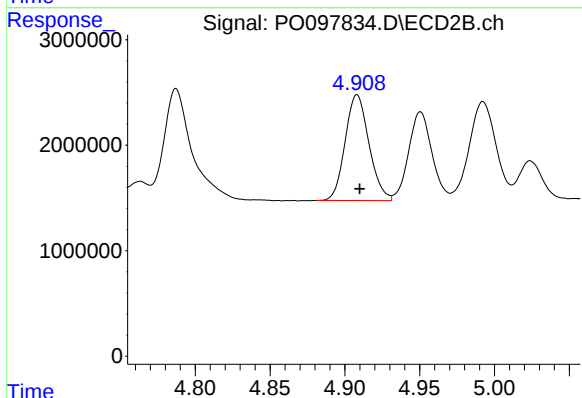
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 20423178
Conc: 449.60 ng/ml



#5 AR-1016-3

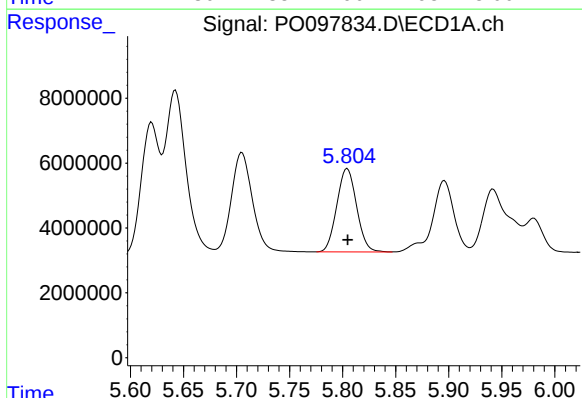
R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 42534618
Conc: 427.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



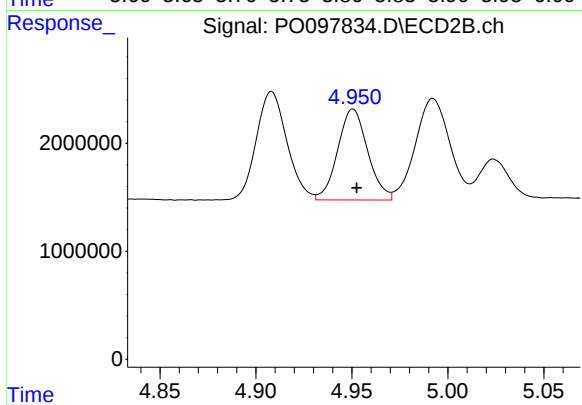
#5 AR-1016-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 11144602
Conc: 457.74 ng/ml



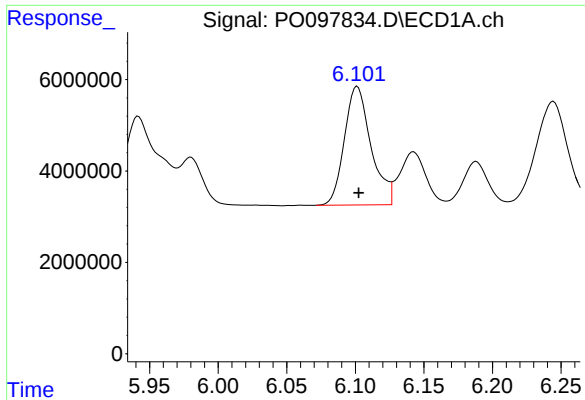
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 33353781
Conc: 422.98 ng/ml



#6 AR-1016-4

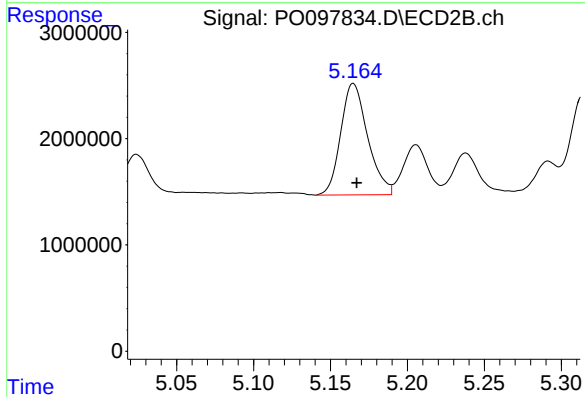
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 9203806
Conc: 438.09 ng/ml



#7 AR-1016-5

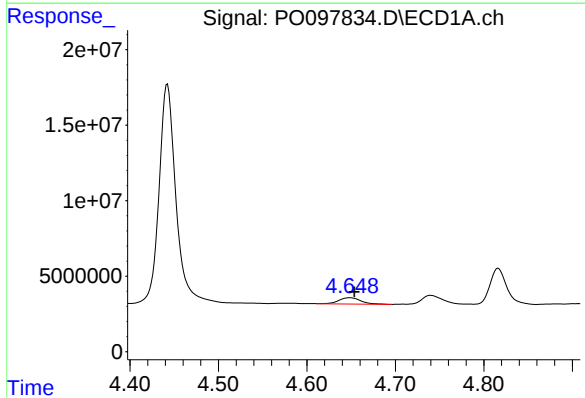
R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 35058314
Conc: 427.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



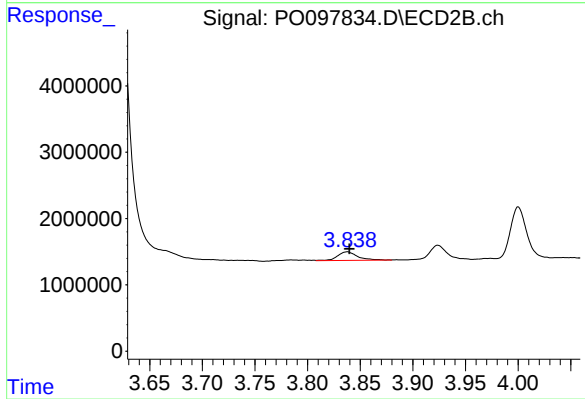
#7 AR-1016-5

R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 12765892
Conc: 459.33 ng/ml



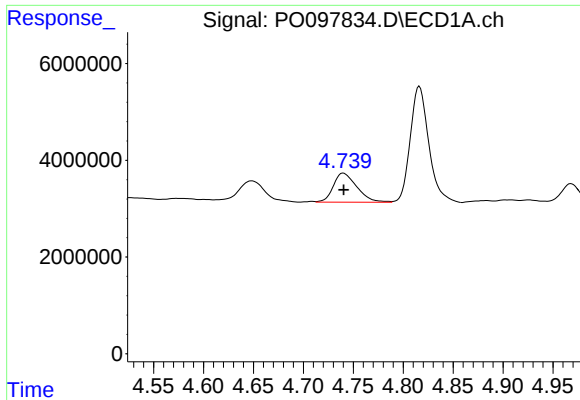
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 7237900
Conc: 151.92 ng/ml



#8 AR-1221-1

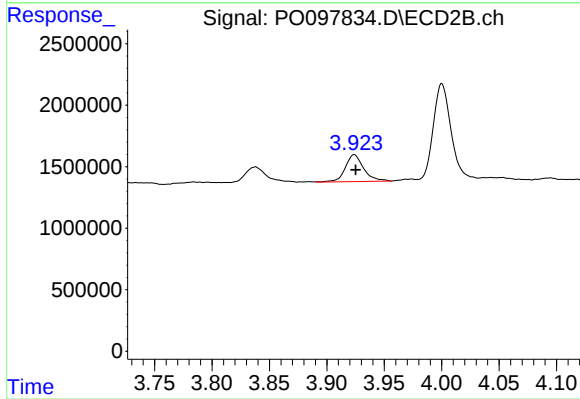
R.T.: 3.838 min
Delta R.T.: -0.002 min
Response: 1753930
Conc: 145.25 ng/ml



#9 AR-1221-2

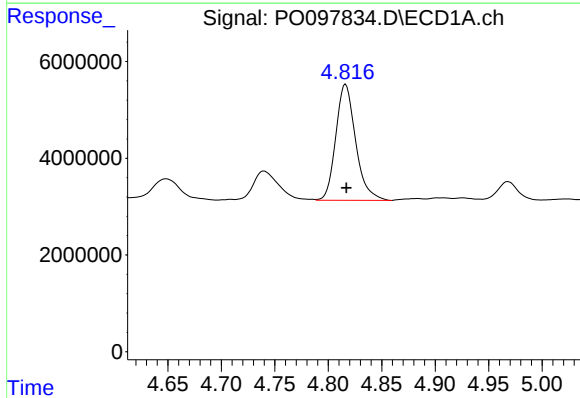
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 9899960
Conc: 278.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



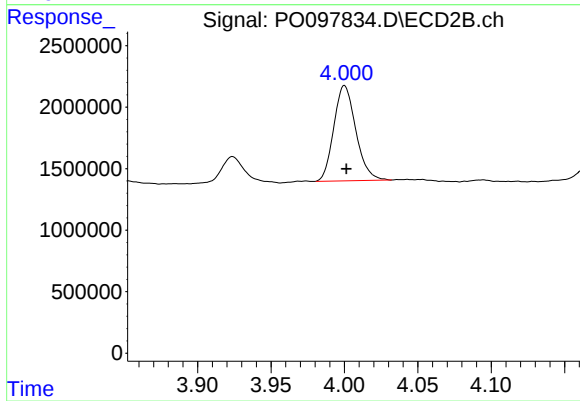
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.001 min
Response: 2433174
Conc: 285.25 ng/ml



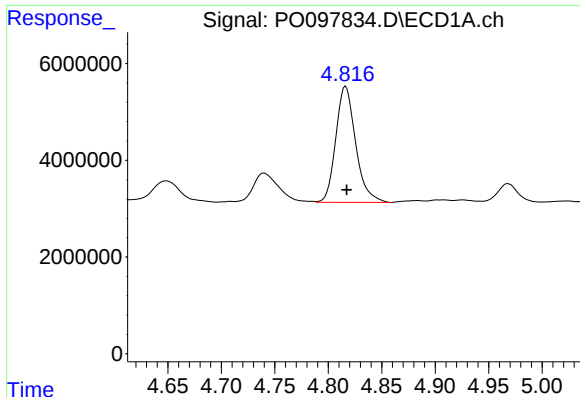
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 31063303
Conc: 299.83 ng/ml



#10 AR-1221-3

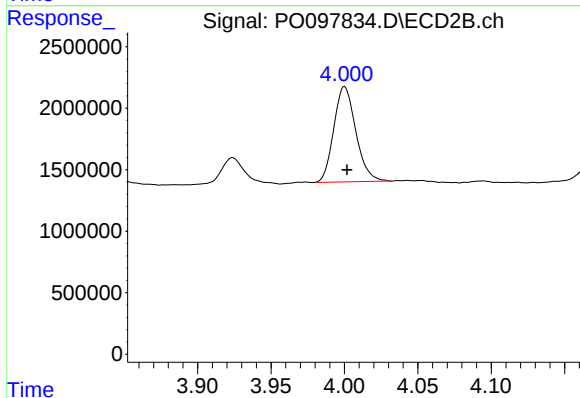
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 8099796
Conc: 302.27 ng/ml



#11 AR-1232-1

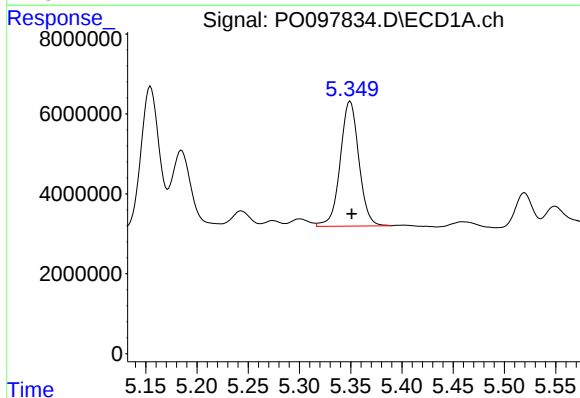
R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 31063303
Conc: 361.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



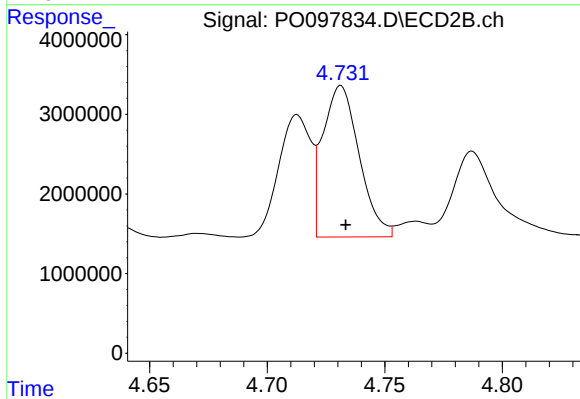
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 8099796
Conc: 367.21 ng/ml



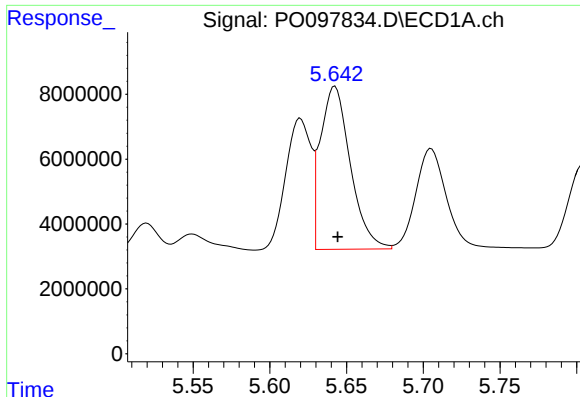
#12 AR-1232-2

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 39488552
Conc: 903.69 ng/ml



#12 AR-1232-2

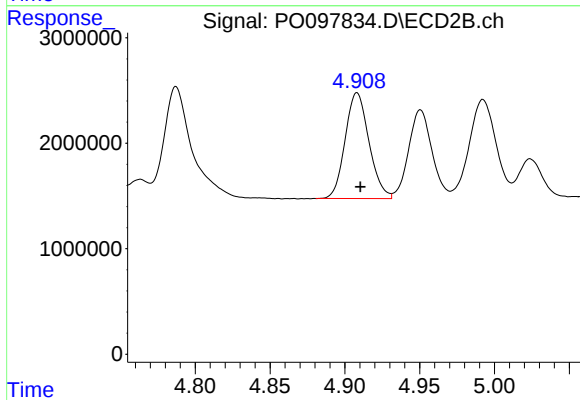
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 20423178
Conc: 995.47 ng/ml



#13 AR-1232-3

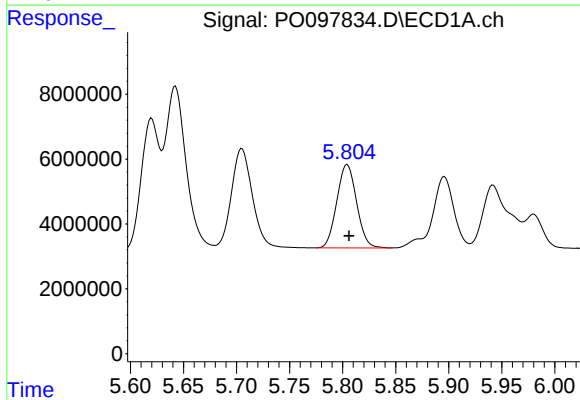
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 68265776
Conc: 941.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



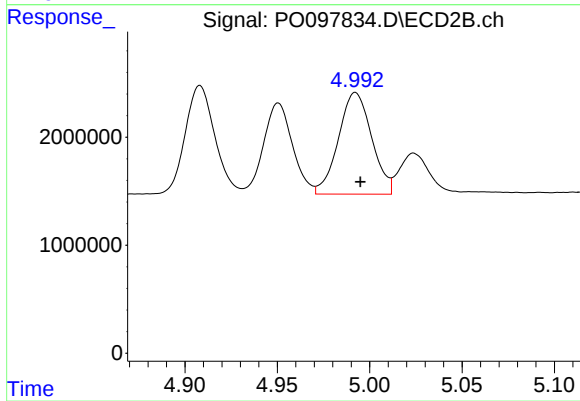
#13 AR-1232-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 11144602
Conc: 1024.97 ng/ml



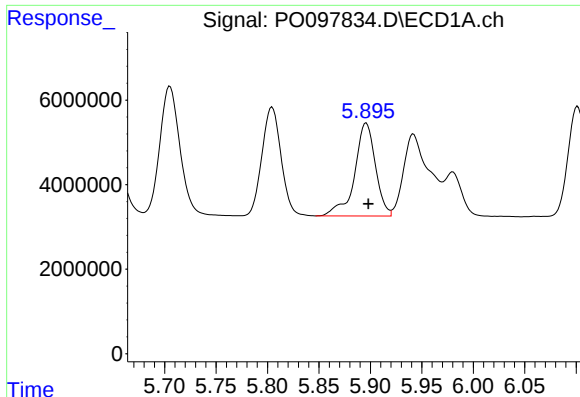
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 33353781
Conc: 967.22 ng/ml



#14 AR-1232-4

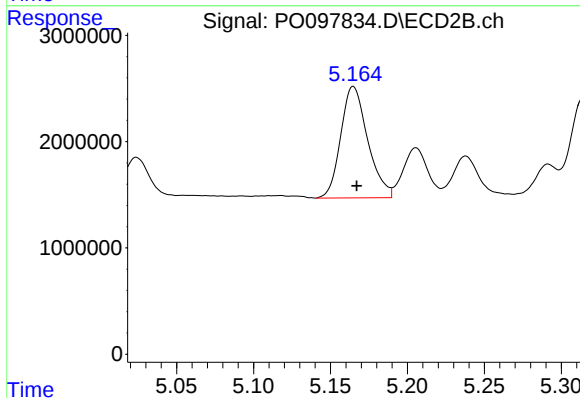
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 11814759
Conc: 1088.20 ng/ml



#15 AR-1232-5

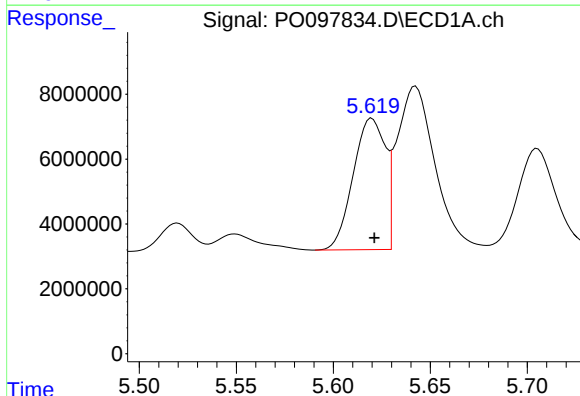
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 31060353
Conc: 994.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



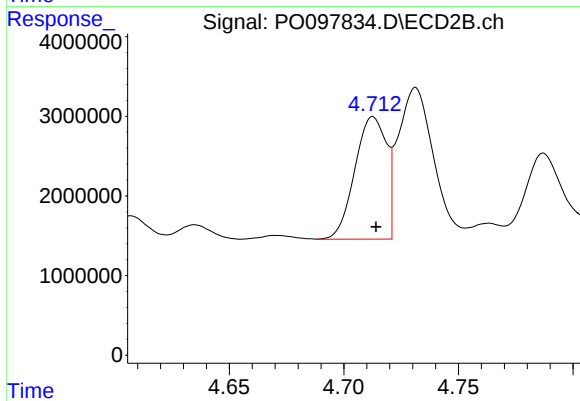
#15 AR-1232-5

R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 12765892
Conc: 1052.99 ng/ml



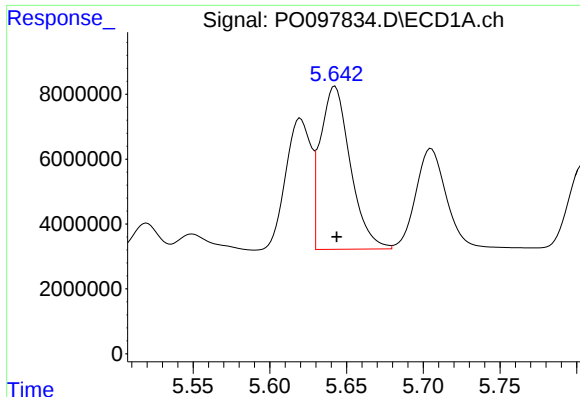
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: -0.001 min
Response: 46573601
Conc: 500.03 ng/ml



#16 AR-1242-1

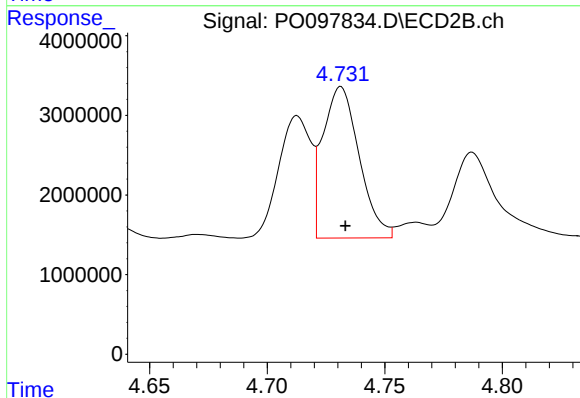
R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 14722511
Conc: 524.62 ng/ml



#17 AR-1242-2

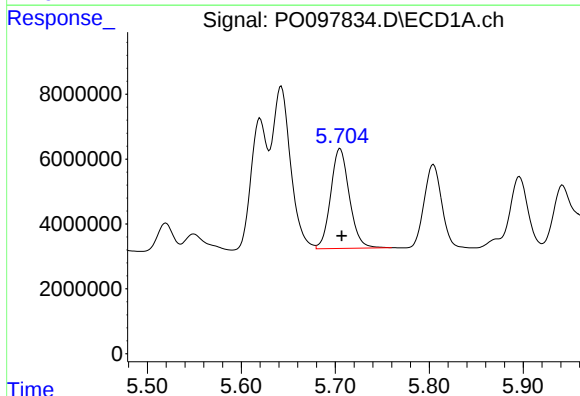
R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 68265776
Conc: 486.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



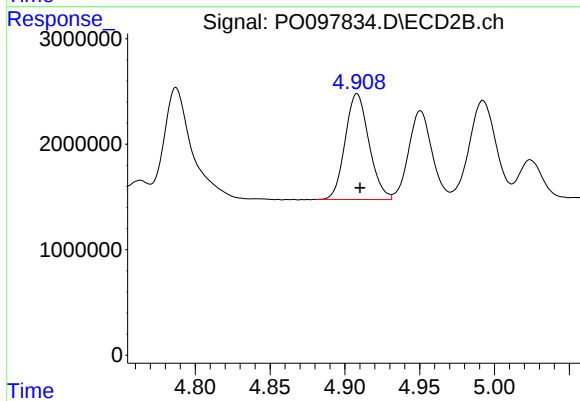
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 20423178
Conc: 514.59 ng/ml



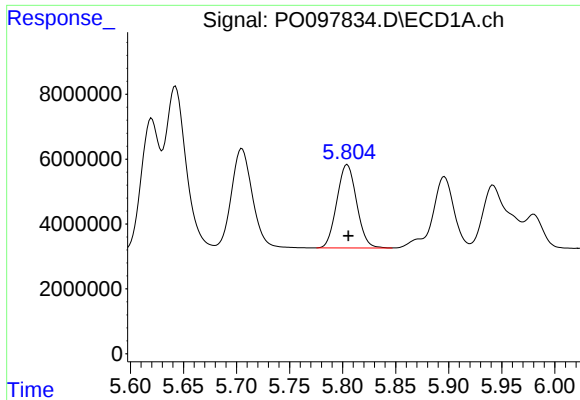
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 42534618
Conc: 491.47 ng/ml



#18 AR-1242-3

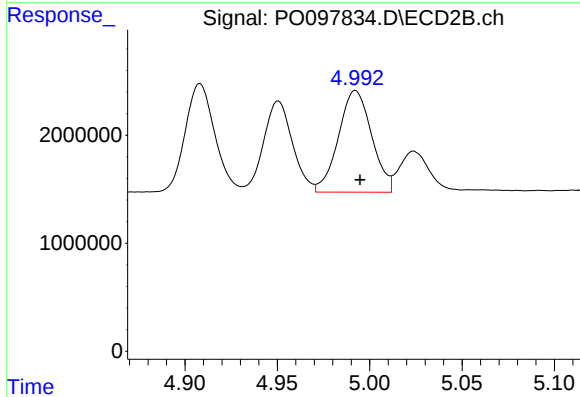
R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 11144602
Conc: 527.38 ng/ml



#19 AR-1242-4

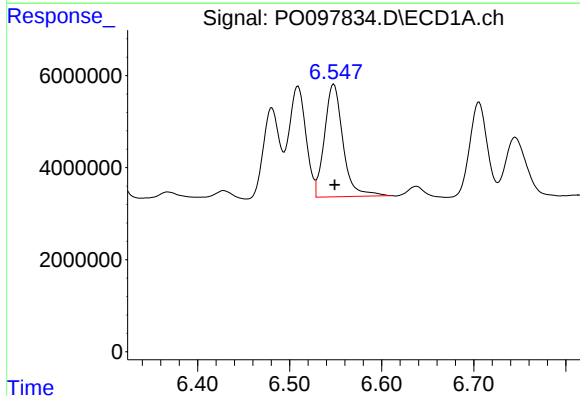
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 33353781
Conc: 491.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



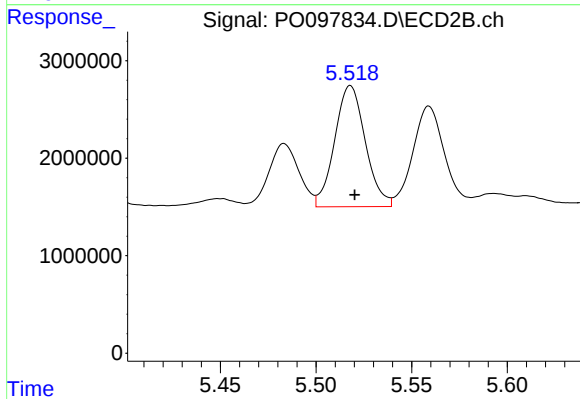
#19 AR-1242-4

R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 11814759
Conc: 515.51 ng/ml



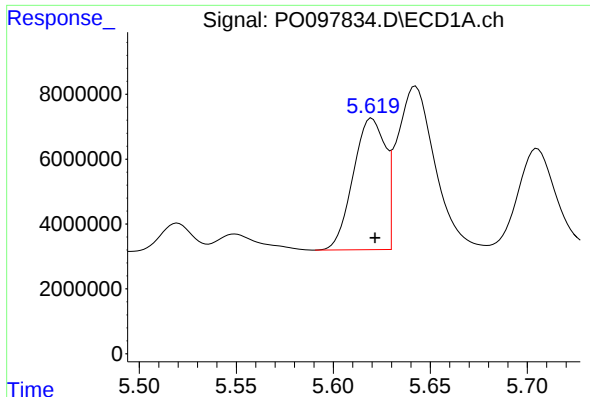
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: -0.001 min
Response: 34229473
Conc: 486.44 ng/ml



#20 AR-1242-5

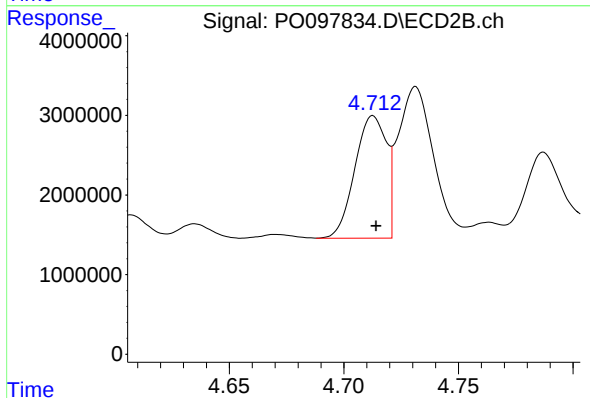
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 13864080
Conc: 532.18 ng/ml



#21 AR-1248-1

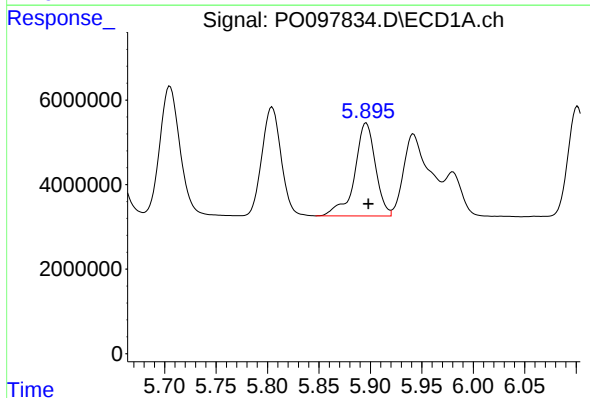
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 46573601
Conc: 686.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



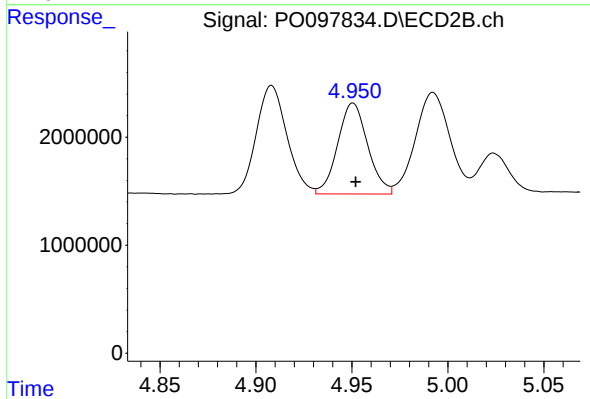
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 14722511
Conc: 716.68 ng/ml



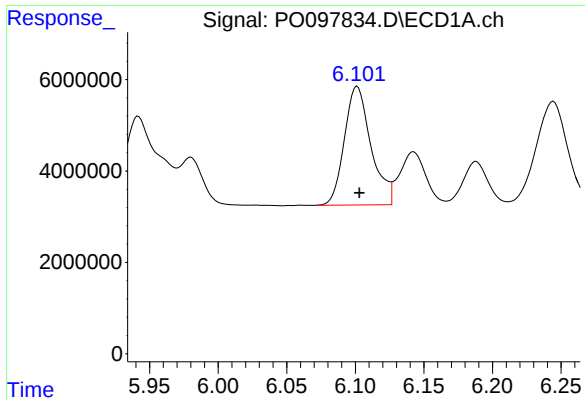
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 31060353
Conc: 287.22 ng/ml



#22 AR-1248-2

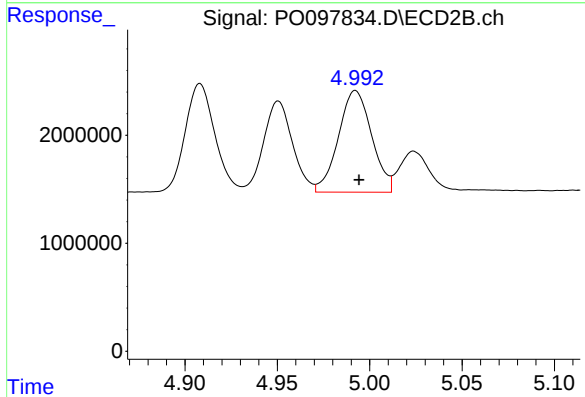
R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 9203806
Conc: 302.08 ng/ml



#23 AR-1248-3

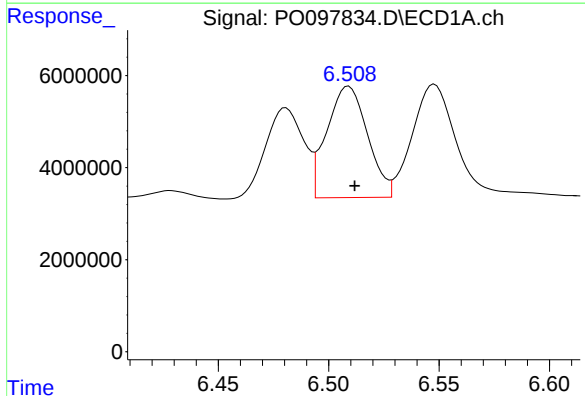
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 35058314
Conc: 312.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



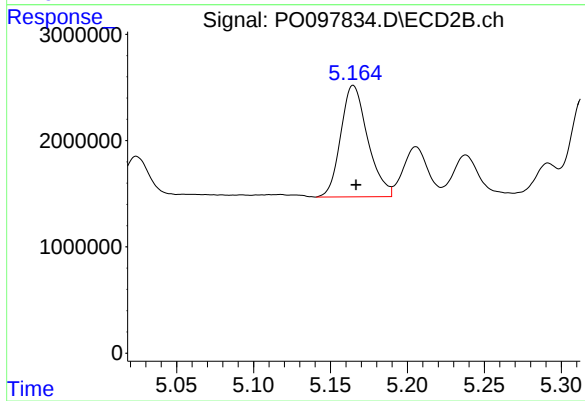
#23 AR-1248-3

R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 11814759
Conc: 370.98 ng/ml



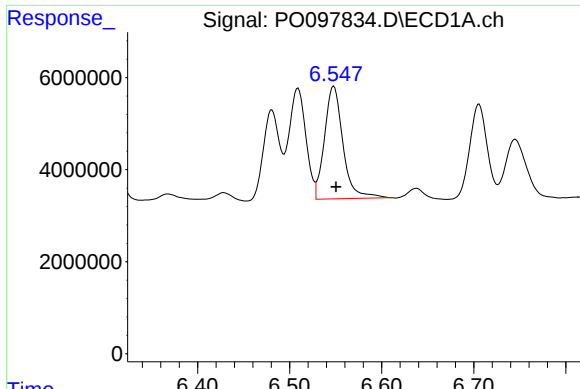
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 31052261
Conc: 300.37 ng/ml



#24 AR-1248-4

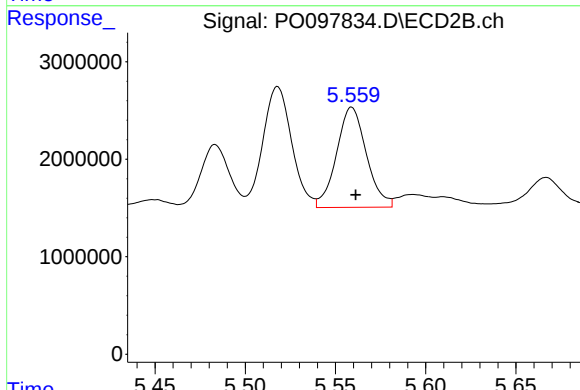
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 12765892
Conc: 341.13 ng/ml



#25 AR-1248-5

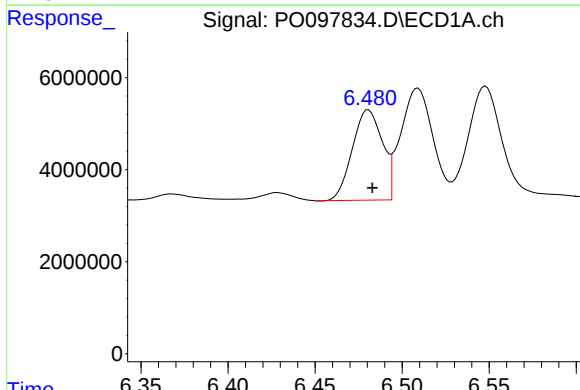
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 34229473
Conc: 307.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



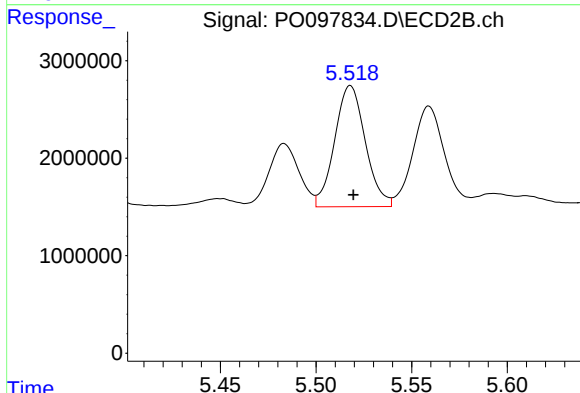
#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: -0.002 min
Response: 11842599
Conc: 355.40 ng/ml



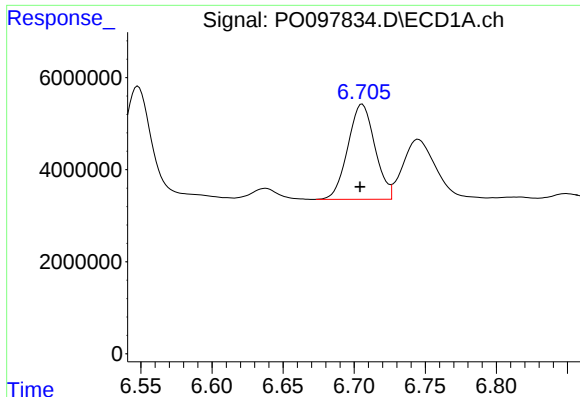
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 23562139
Conc: 192.19 ng/ml



#26 AR-1254-1

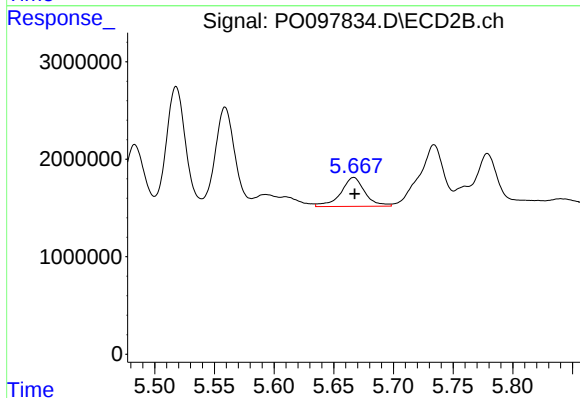
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 13864080
Conc: 255.03 ng/ml



#27 AR-1254-2

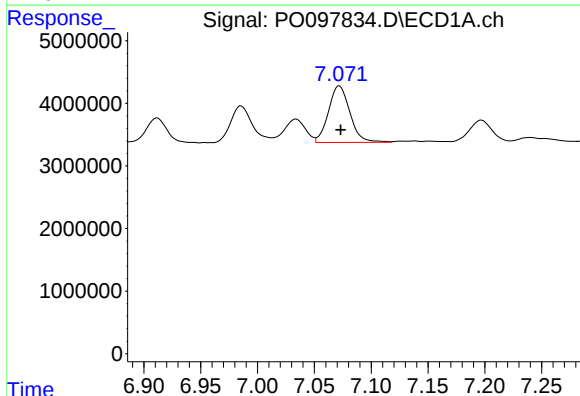
R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 27390329
Conc: 152.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



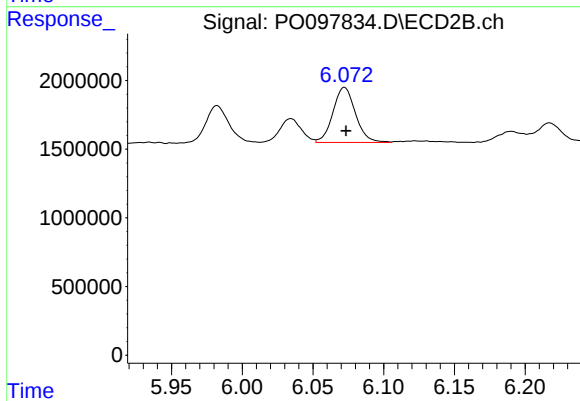
#27 AR-1254-2

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 4175432
Conc: 86.71 ng/ml



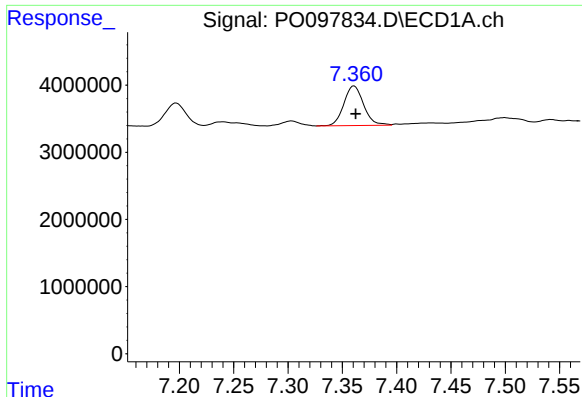
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 11854933
Conc: 66.94 ng/ml



#28 AR-1254-3

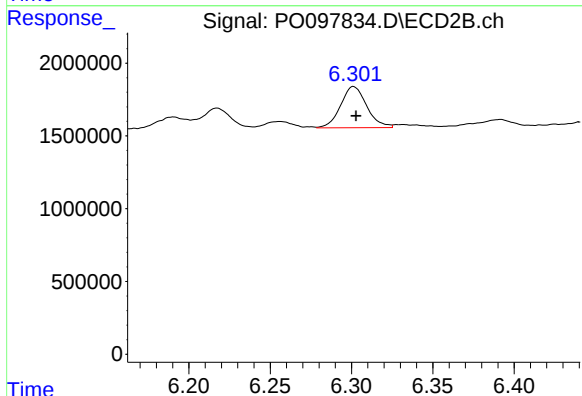
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 4456630
Conc: 60.32 ng/ml



#29 AR-1254-4

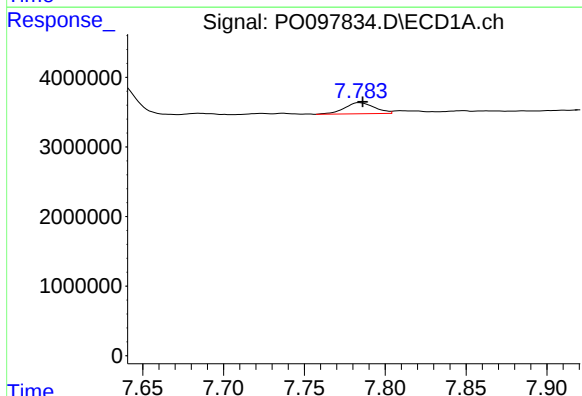
R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 7478836
Conc: 69.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



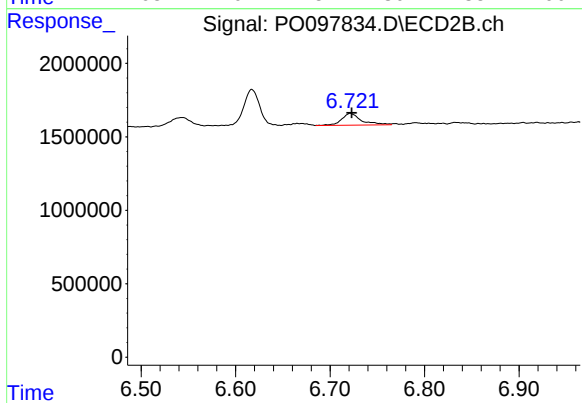
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 3168300
Conc: 79.94 ng/ml



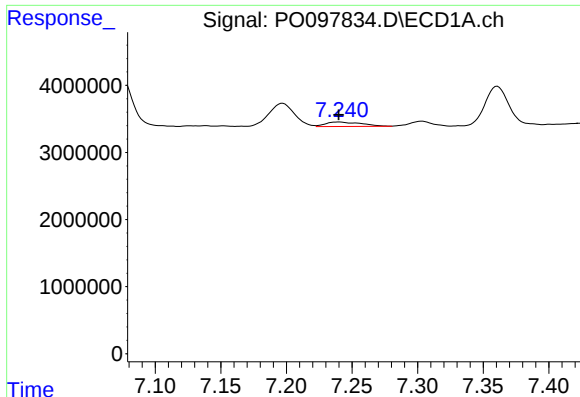
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 2056579
Conc: 17.10 ng/ml



#30 AR-1254-5

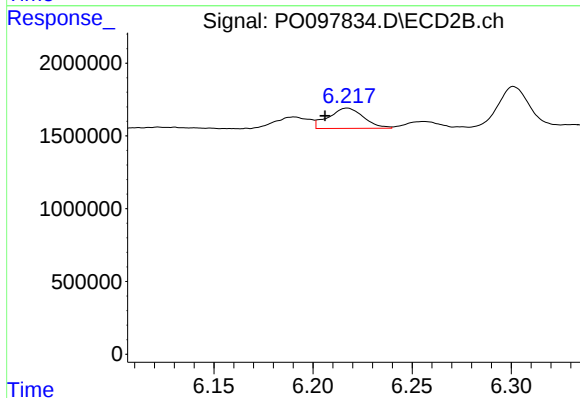
R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 1182242
Conc: 19.20 ng/ml



#31 AR-1260-1

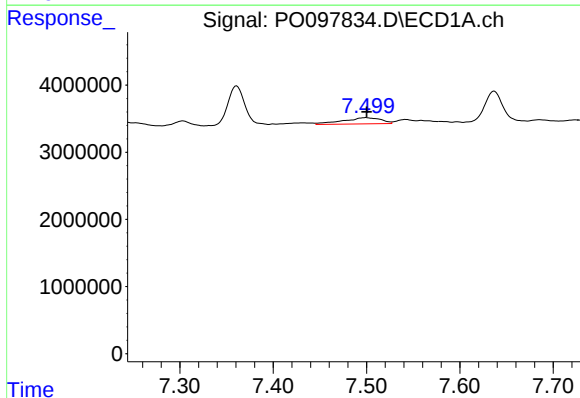
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 1285055
Conc: 9.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



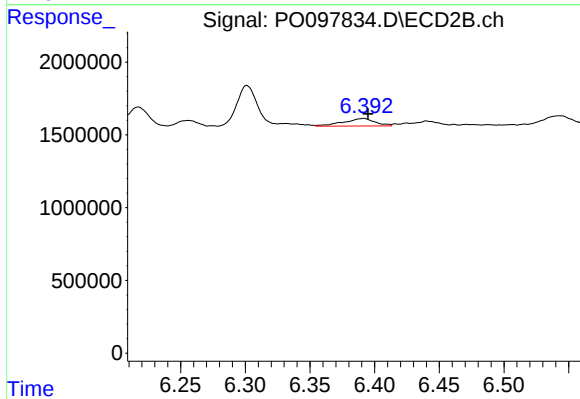
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.011 min
Response: 1719152
Conc: 32.31 ng/ml



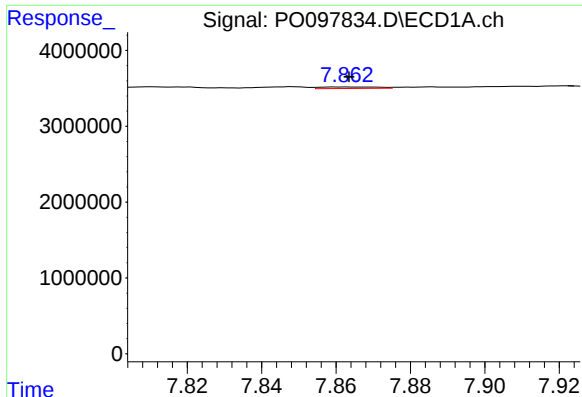
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 2590689
Conc: 17.14 ng/ml



#32 AR-1260-2

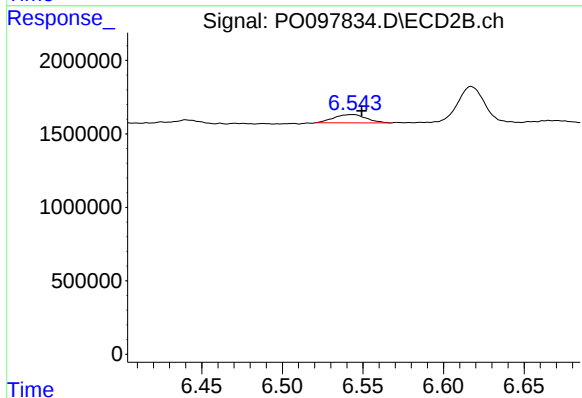
R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 883852
Conc: 14.11 ng/ml



#33 AR-1260-3

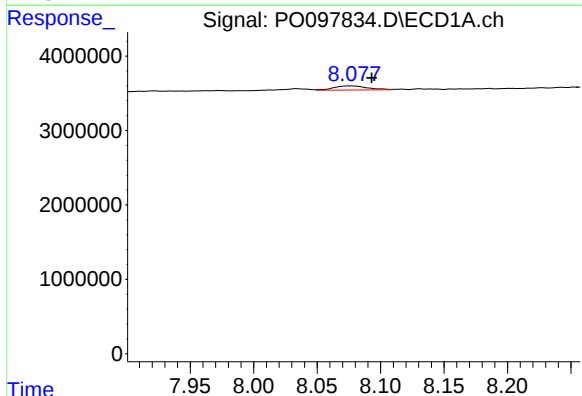
R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 213548
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



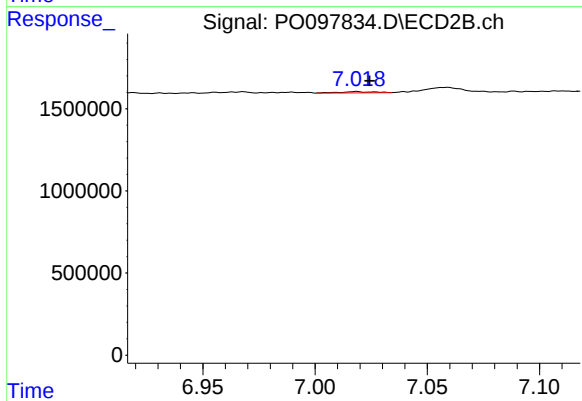
#33 AR-1260-3

R.T.: 6.543 min
Delta R.T.: -0.006 min
Response: 801619
Conc: 13.90 ng/ml



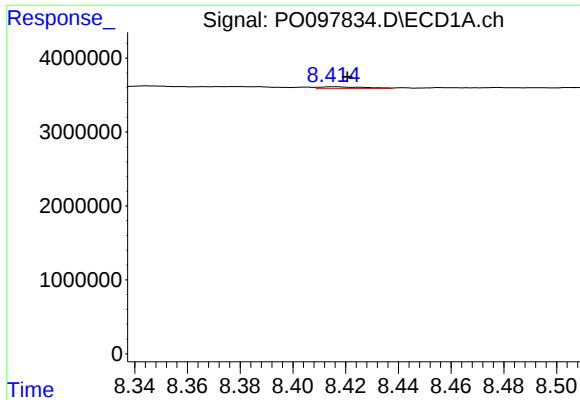
#34 AR-1260-4

R.T.: 8.077 min
Delta R.T.: -0.016 min
Response: 1012725
Conc: 8.52 ng/ml



#34 AR-1260-4

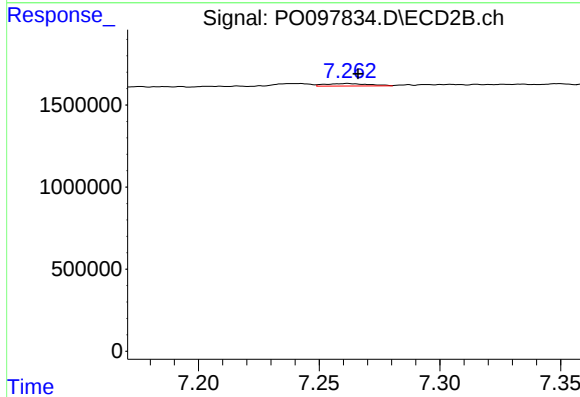
R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 78177
Conc: 1.67 ng/ml



#35 AR-1260-5

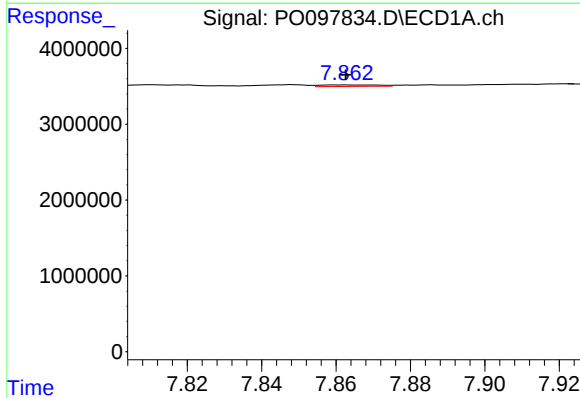
R.T.: 8.415 min
Delta R.T.: -0.005 min
Response: 298386
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



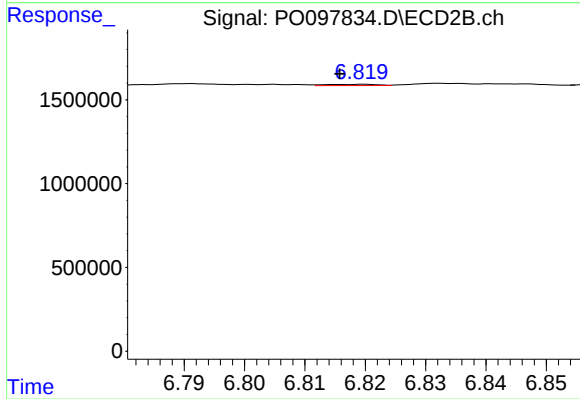
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 187008
Conc: 1.89 ng/ml



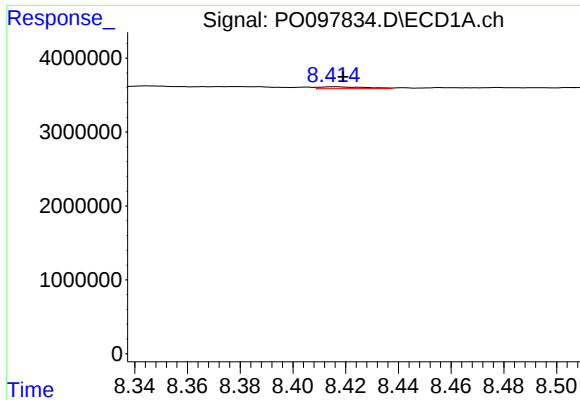
#36 AR-1262-1

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 213548
Conc: 1.40 ng/ml



#36 AR-1262-1

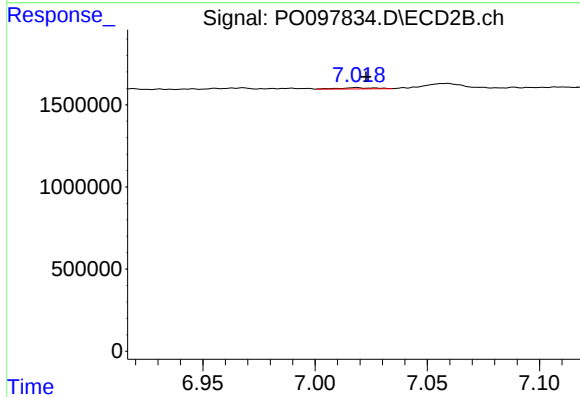
R.T.: 6.820 min
Delta R.T.: 0.004 min
Response: 43917
Conc: 1.62 ng/ml



#37 AR-1262-2

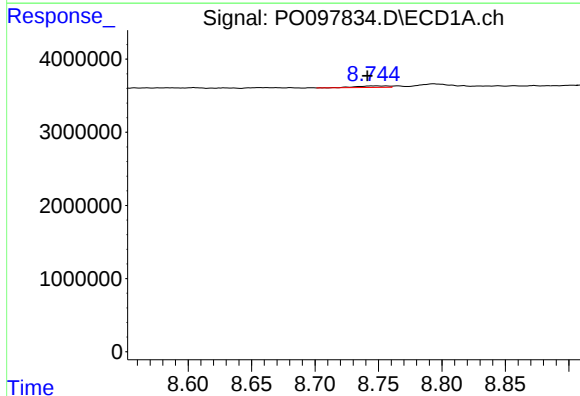
R.T.: 8.415 min
Delta R.T.: -0.004 min
Response: 298386
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



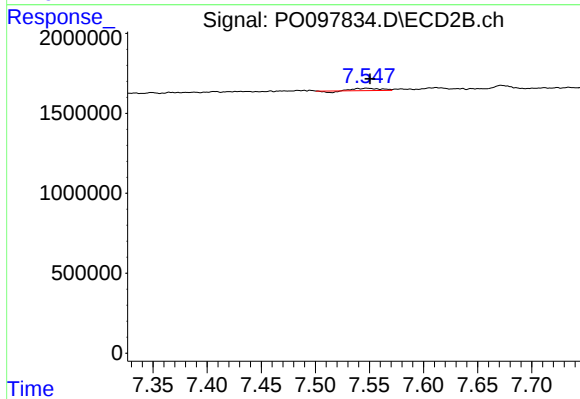
#37 AR-1262-2

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 78177
Conc: 1.34 ng/ml



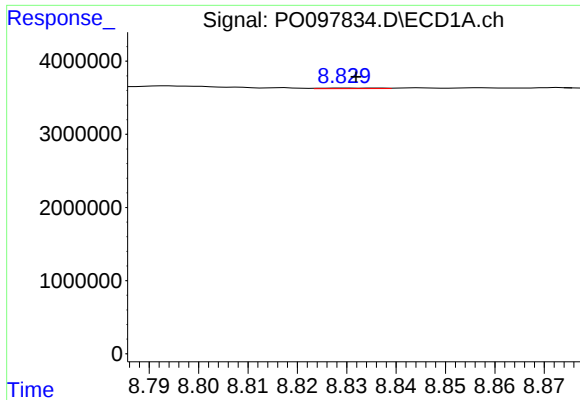
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 333057
Conc: 2.15 ng/ml



#38 AR-1262-3

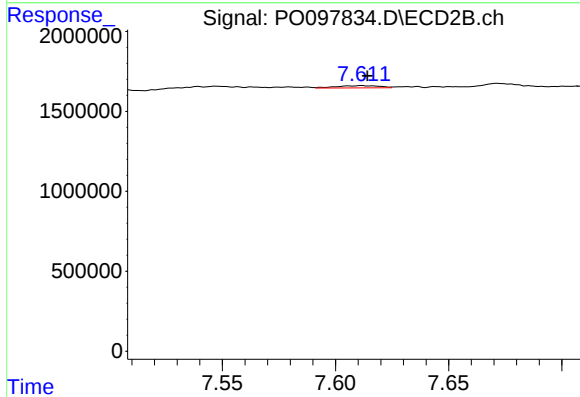
R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 204009
Conc: 4.68 ng/ml



#39 AR-1262-4

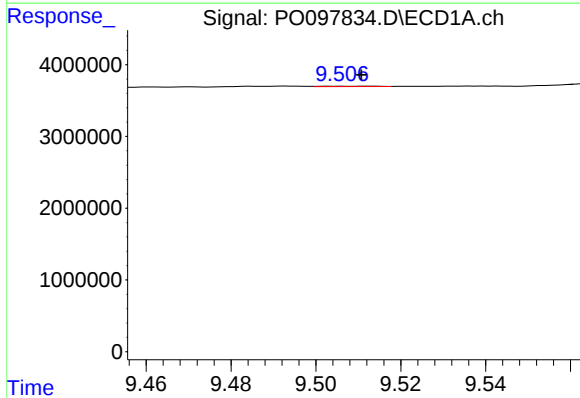
R.T.: 8.830 min
Delta R.T.: -0.002 min
Response: 51036
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



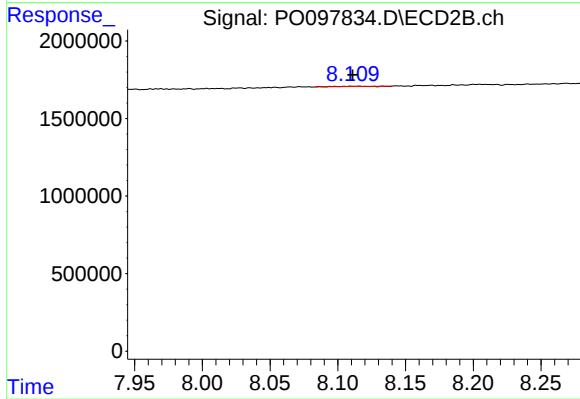
#39 AR-1262-4

R.T.: 7.612 min
Delta R.T.: -0.002 min
Response: 187720
Conc: 2.47 ng/ml



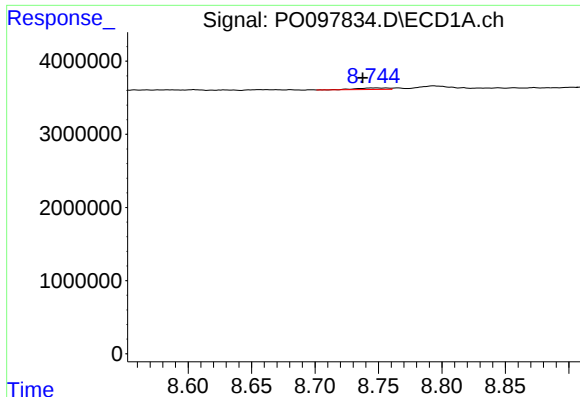
#40 AR-1262-5

R.T.: 9.513 min
Delta R.T.: 0.002 min
Response: 39782
Conc: 0.55 ng/ml



#40 AR-1262-5

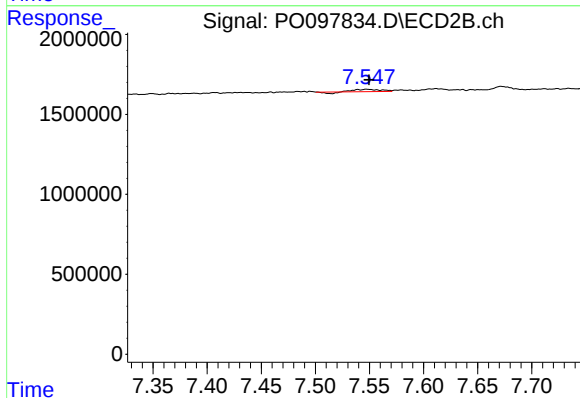
R.T.: 8.116 min
Delta R.T.: 0.005 min
Response: 33412
Conc: 1.06 ng/ml



#41 AR-1268-1

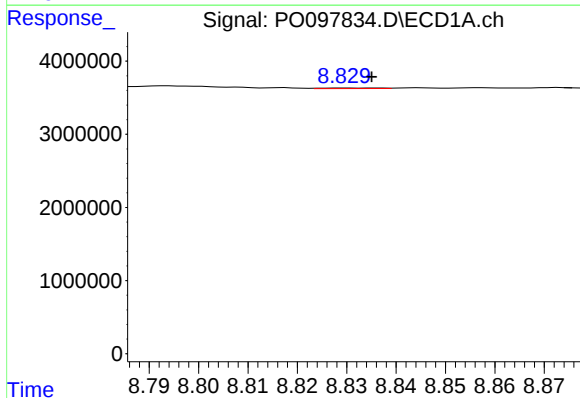
R.T.: 8.745 min
Delta R.T.: 0.007 min
Response: 333057
Conc: 1.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



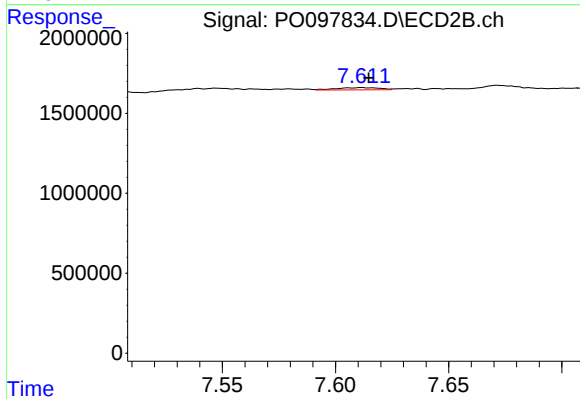
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 204009
Conc: 1.55 ng/ml



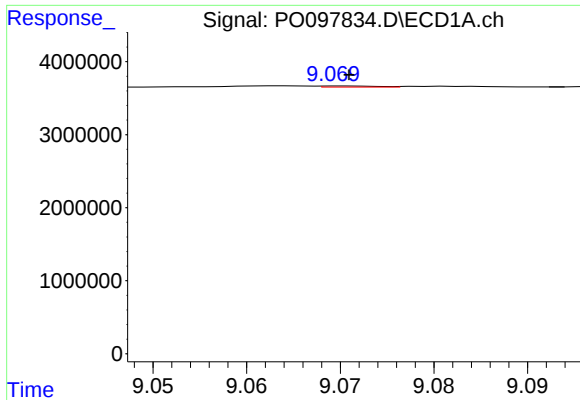
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.005 min
Response: 51036
Conc: 0.20 ng/ml



#42 AR-1268-2

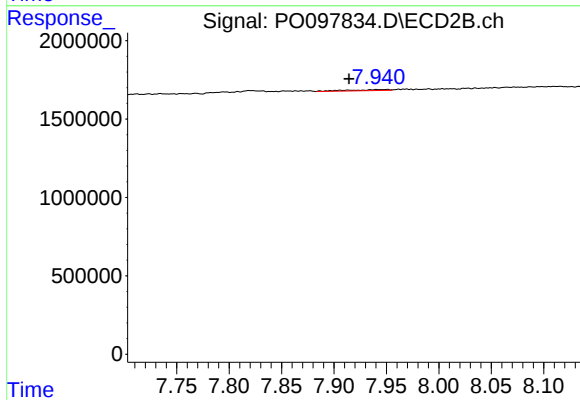
R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 187720
Conc: 1.63 ng/ml



#43 AR-1268-3

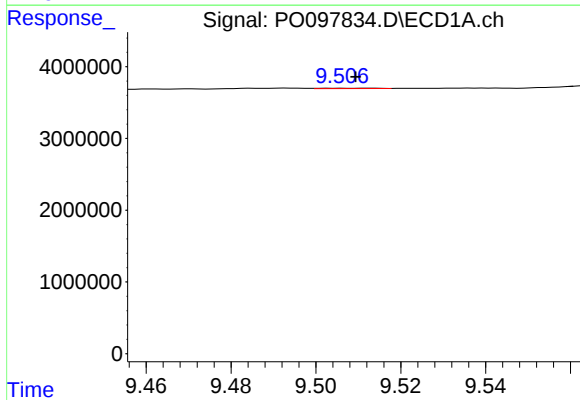
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 65159
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



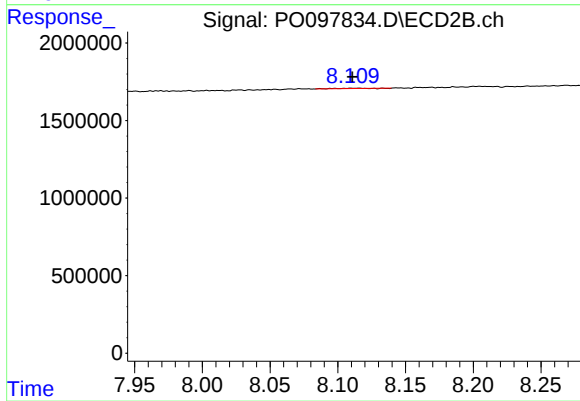
#43 AR-1268-3

R.T.: 7.941 min
Delta R.T.: 0.026 min
Response: 182569
Conc: 6.60 ng/ml



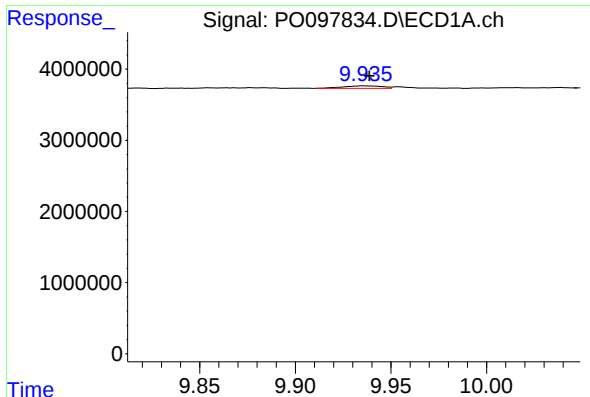
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.004 min
Response: 39782
Conc: 0.49 ng/ml



#44 AR-1268-4

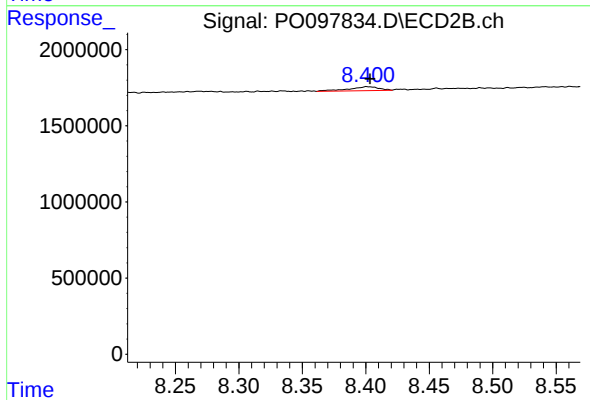
R.T.: 8.116 min
Delta R.T.: 0.005 min
Response: 33412
Conc: 0.95 ng/ml



#45 AR-1268-5

R.T.: 9.936 min
Delta R.T.: -0.002 min
Response: 487829
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: -0.002 min
Response: 430070
Conc: 1.37 ng/ml