

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110823\
 Data File : PO099530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 10:02
 Operator : YP/AJ
 Sample : 05258-25DL 500X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 12:15:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.465	3.619	159342	73980	0.081	0.103 #
2)	SA Decachlor...	10.270	8.609	362728	113048	0.320	0.211 #
Target Compounds							
3)	L1 AR-1016-1	5.655	4.716	20500	72093	0.372	3.219 #
4)	L1 AR-1016-2	5.670	4.744	60883	39241	0.736	1.255 #
5)	L1 AR-1016-3	5.728	4.934	18975	1079782	0.369	63.769 #
6)	L1 AR-1016-4	5.829	4.934	18821	1079782	0.463	74.685 #
7)	L1 AR-1016-5	6.120	5.147	2441574	937333	57.526	50.173
8)	L2 AR-1221-1	4.715	3.849	45811	62979	1.845	6.779 #
9)	L2 AR-1221-2	4.786	3.922	490312	28799	26.504	4.442 #
10)	L2 AR-1221-3	4.844	4.013	89138	31926	1.645	1.578
11)	L3 AR-1232-1	4.844	4.013	89138	31926	1.948	1.863
12)	L3 AR-1232-2	5.384	4.744	22227	39241	0.941	2.561 #
13)	L3 AR-1232-3	5.670	4.934	60883	1079782	1.542	134.948 #
14)	L3 AR-1232-4	5.829	4.976	18821	312163	0.986	40.573 #
15)	L3 AR-1232-5	5.916	5.147	2767599	937333	166.141	110.202 #
16)	L4 AR-1242-1	5.655	4.716	20500	72093	0.474	4.103 #
17)	L4 AR-1242-2	5.670	4.744	60883	39241	0.951	1.619 #
18)	L4 AR-1242-3	5.728	4.934	18975	1079782	0.472	84.222 #
19)	L4 AR-1242-4	5.829	4.976	18821	312163	0.601	22.176 #
20)	L4 AR-1242-5	6.568	5.499	7508165	15288394	243.387	914.860 #
21)	L5 AR-1248-1	5.647	4.716	52451	72093	1.544	5.201 #
22)	L5 AR-1248-2	5.916	4.934	2767599	1079782	52.884	54.360
23)	L5 AR-1248-3	6.120	4.976	2441574	312163	42.851	14.969 #
24)	L5 AR-1248-4	6.525	5.147	10056298	937333	184.412	38.129 #
25)	L5 AR-1248-5	6.568	5.539	7508165	1554836	132.172	71.591 #
26)	L6 AR-1254-1	6.499	5.499	26230645	15288394	398.479	431.469
27)	L6 AR-1254-2	6.718	5.647	57397073	21364563	596.218	667.968
28)	L6 AR-1254-3	7.085	6.050	79995273	46111763	894.971	943.222
29)	L6 AR-1254-4	7.372	6.279	52774945	28183939	963.336	1075.443
30)	L6 AR-1254-5	7.792	6.695	97433403	60892773	1446.999	1444.504
31)	L7 AR-1260-1	7.250	6.179	44482857	28170910	620.740	798.599 #
32)	L7 AR-1260-2	7.507	6.368	51180894	26525417	648.707	661.705
33)	L7 AR-1260-3	7.853	6.519	16559109	27082842	303.209	716.233 #
34)	L7 AR-1260-4	8.083	6.992	42150702	4466723	672.724	154.577 #
35)	L7 AR-1260-5	8.418	7.234	19765482	9830467	184.697	163.352
36)	L8 AR-1262-1	7.853	6.764	16559109	5331187	182.950	113.621 #
37)	L8 AR-1262-2	8.418	6.992	19765482	4466723	148.270	107.588 #
38)	L8 AR-1262-3	8.751	7.517	15551488	620020	158.147	19.408 #
39)	L8 AR-1262-4	8.803	7.579	4664302	9388499	58.224	170.765 #
40)	L8 AR-1262-5	9.498	8.076	1123557	337783	25.570	13.450 #
41)	L9 AR-1268-1	8.751	7.517	15551488	620020	90.287	6.951 #

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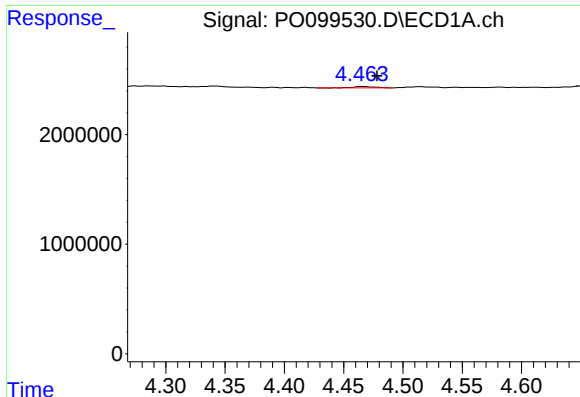
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 12:15:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
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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
42) L9	AR-1268-2	8.803f	7.579	4664302	9388499	29.748	118.907 #
43) L9	AR-1268-3	9.070	7.793	336731	32785	2.402	0.466 #
44) L9	AR-1268-4	9.498	8.076	1123557	337783	22.406	12.257 #
45) L9	AR-1268-5	9.918	8.421f	622758	39046	1.522	0.205 #

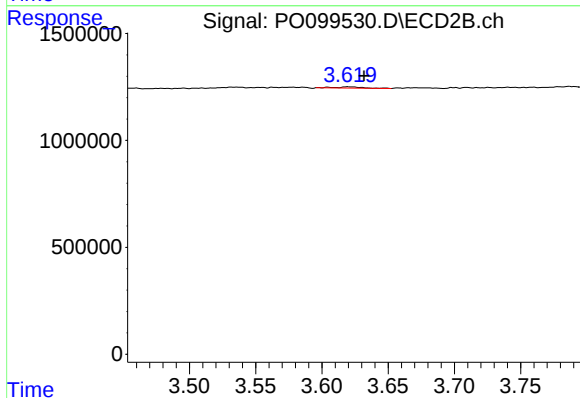
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

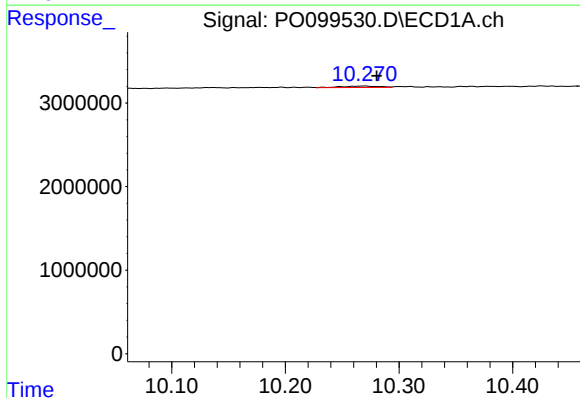
R.T.: 4.465 min
Delta R.T.: -0.013 min
Response: 159342
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



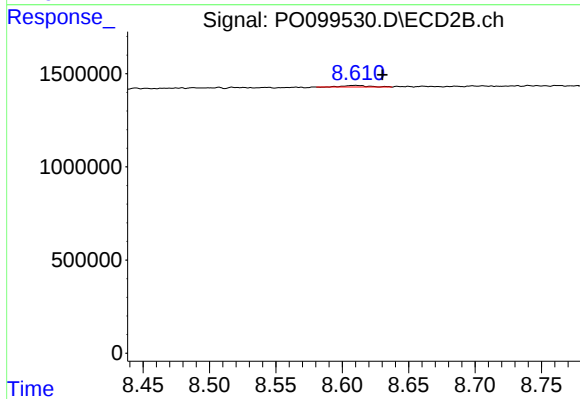
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.012 min
Response: 73980
Conc: 0.10 ng/ml



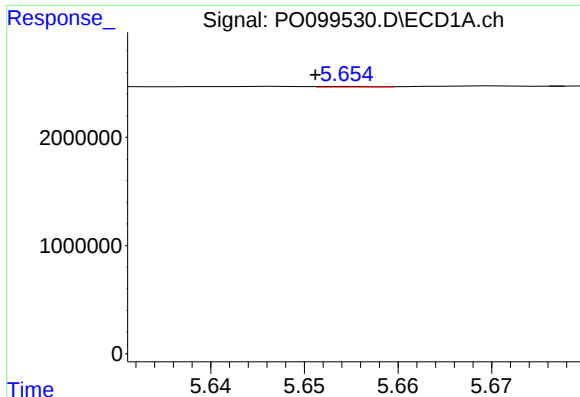
#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.011 min
Response: 362728
Conc: 0.32 ng/ml



#2 Decachlorobiphenyl

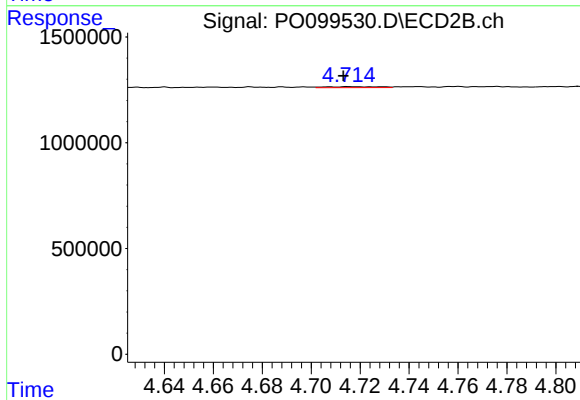
R.T.: 8.609 min
Delta R.T.: -0.021 min
Response: 113048
Conc: 0.21 ng/ml



#3 AR-1016-1

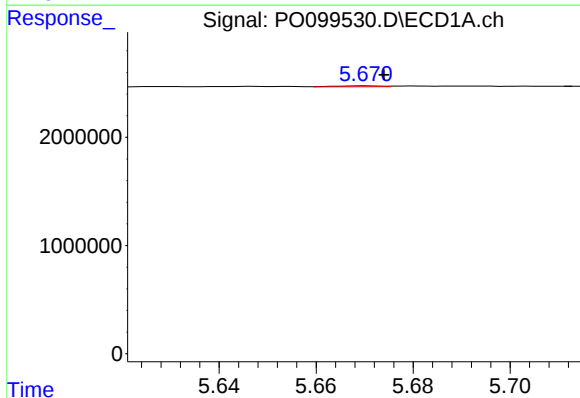
R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 20500
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



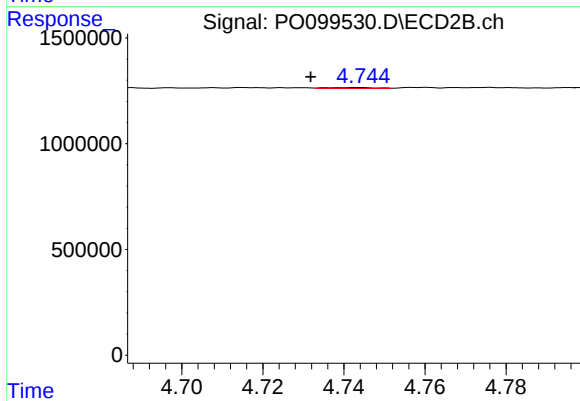
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 72093
Conc: 3.22 ng/ml



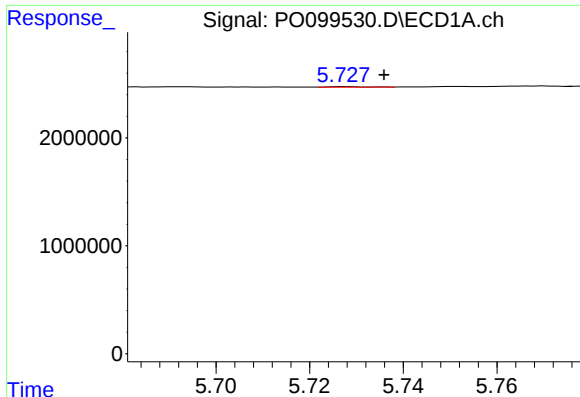
#4 AR-1016-2

R.T.: 5.670 min
Delta R.T.: -0.004 min
Response: 60883
Conc: 0.74 ng/ml



#4 AR-1016-2

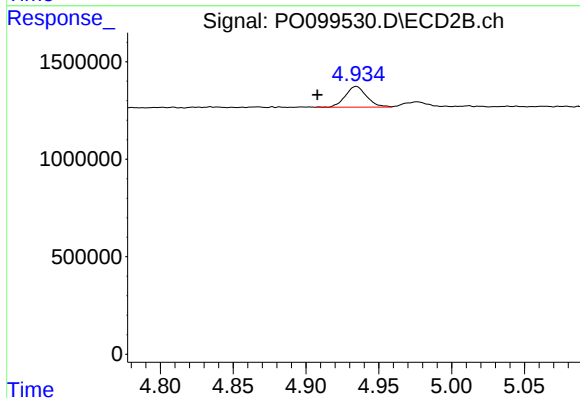
R.T.: 4.744 min
Delta R.T.: 0.012 min
Response: 39241
Conc: 1.26 ng/ml



#5 AR-1016-3

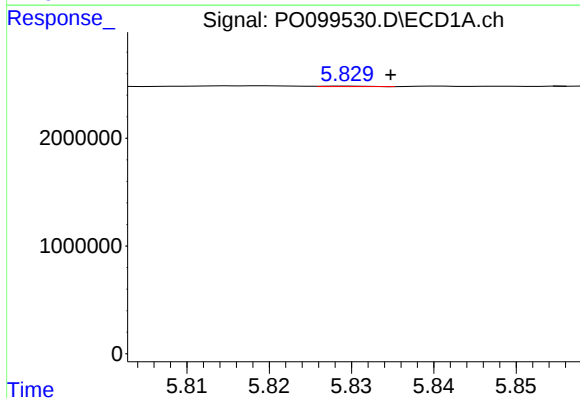
R.T.: 5.728 min
Delta R.T.: -0.008 min
Response: 18975
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



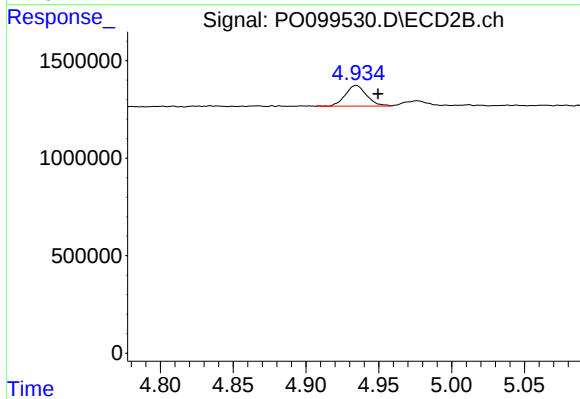
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: 0.027 min
Response: 1079782
Conc: 63.77 ng/ml



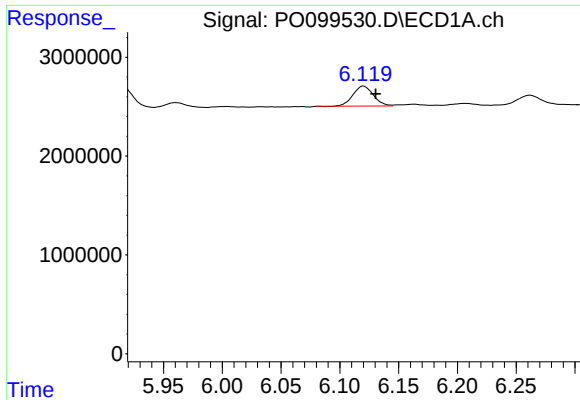
#6 AR-1016-4

R.T.: 5.829 min
Delta R.T.: -0.005 min
Response: 18821
Conc: 0.46 ng/ml



#6 AR-1016-4

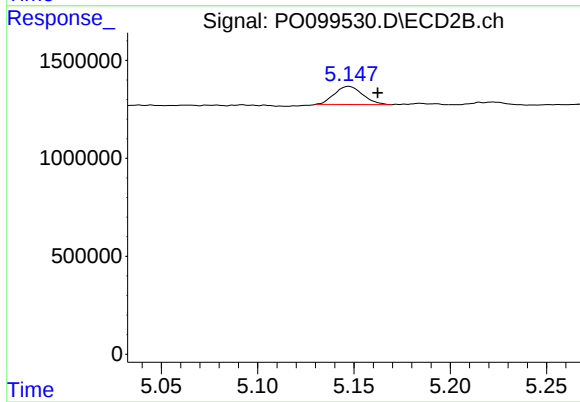
R.T.: 4.934 min
Delta R.T.: -0.015 min
Response: 1079782
Conc: 74.69 ng/ml



#7 AR-1016-5

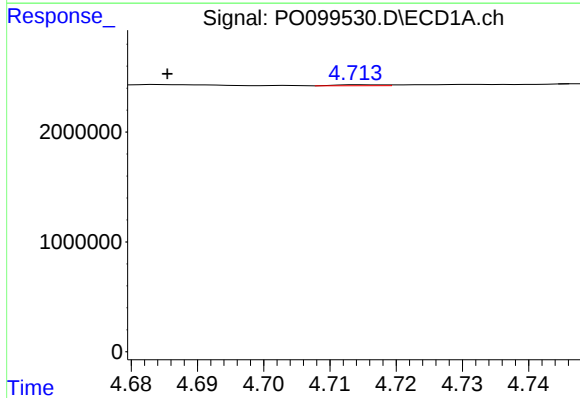
R.T.: 6.120 min
Delta R.T.: -0.010 min
Response: 2441574
Conc: 57.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



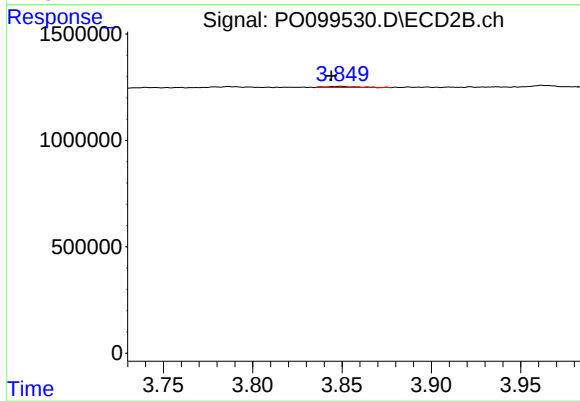
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.015 min
Response: 937333
Conc: 50.17 ng/ml



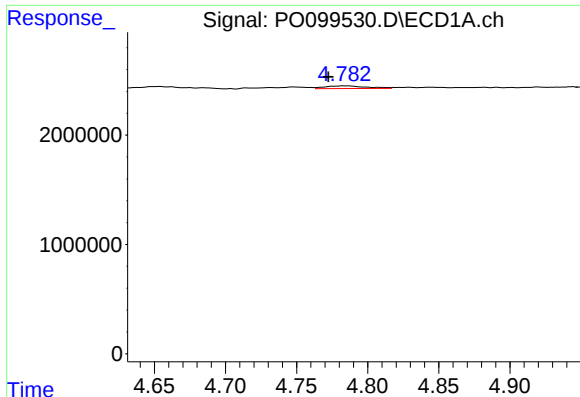
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: 0.029 min
Response: 45811
Conc: 1.85 ng/ml



#8 AR-1221-1

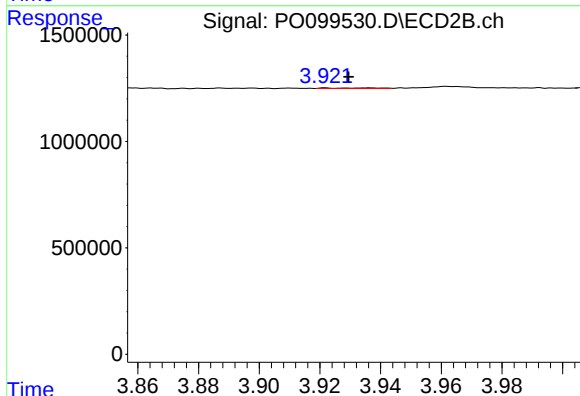
R.T.: 3.849 min
Delta R.T.: 0.005 min
Response: 62979
Conc: 6.78 ng/ml



#9 AR-1221-2

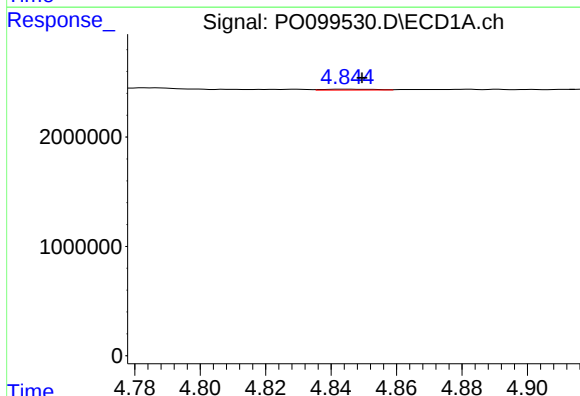
R.T.: 4.786 min
Delta R.T.: 0.014 min
Response: 490312
Conc: 26.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



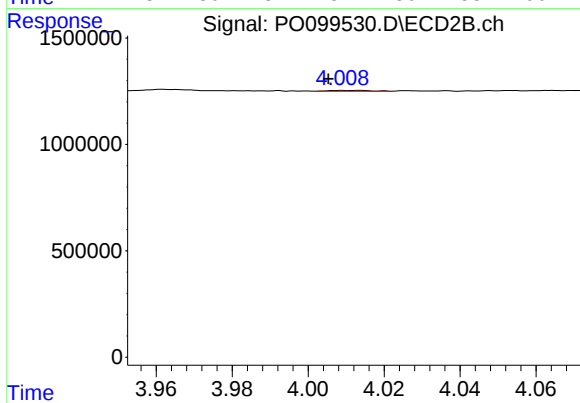
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.008 min
Response: 28799
Conc: 4.44 ng/ml



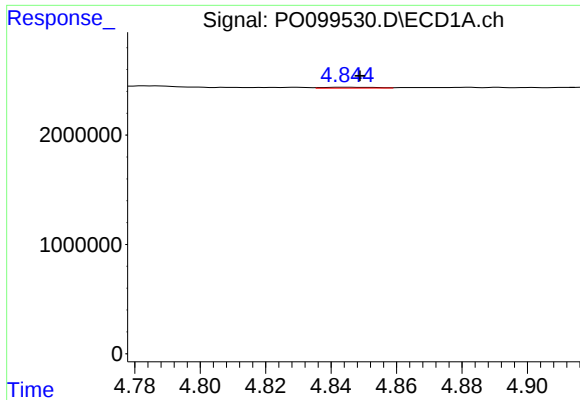
#10 AR-1221-3

R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 89138
Conc: 1.65 ng/ml



#10 AR-1221-3

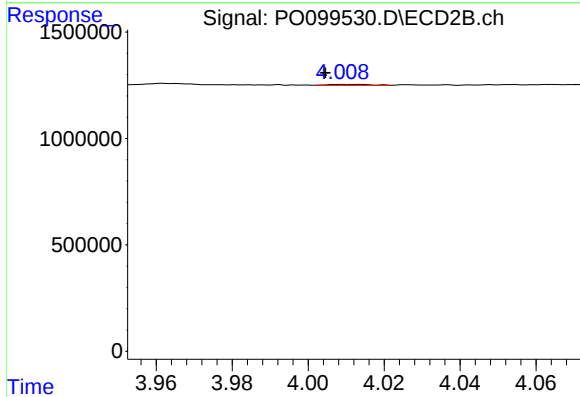
R.T.: 4.013 min
Delta R.T.: 0.008 min
Response: 31926
Conc: 1.58 ng/ml



#11 AR-1232-1

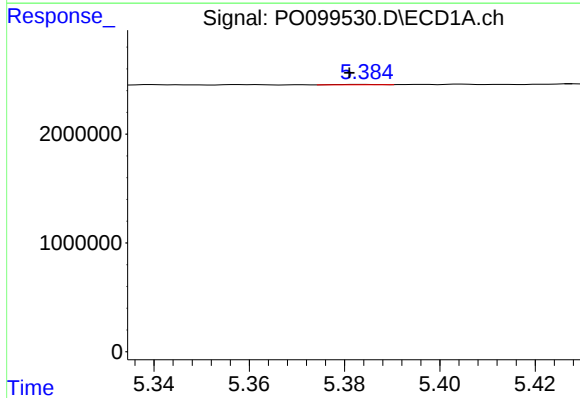
R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 89138
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



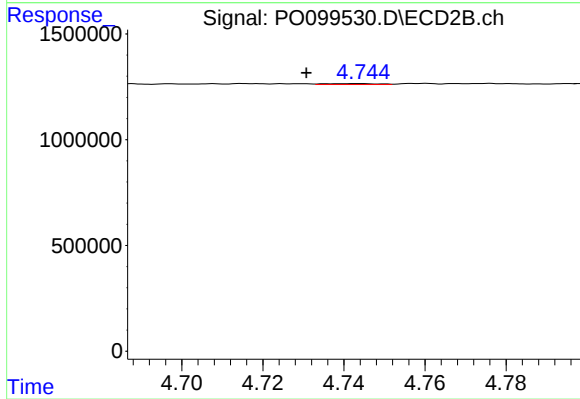
#11 AR-1232-1

R.T.: 4.013 min
Delta R.T.: 0.009 min
Response: 31926
Conc: 1.86 ng/ml



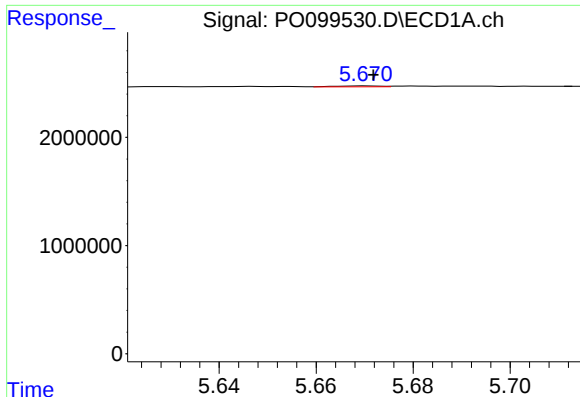
#12 AR-1232-2

R.T.: 5.384 min
Delta R.T.: 0.003 min
Response: 22227
Conc: 0.94 ng/ml



#12 AR-1232-2

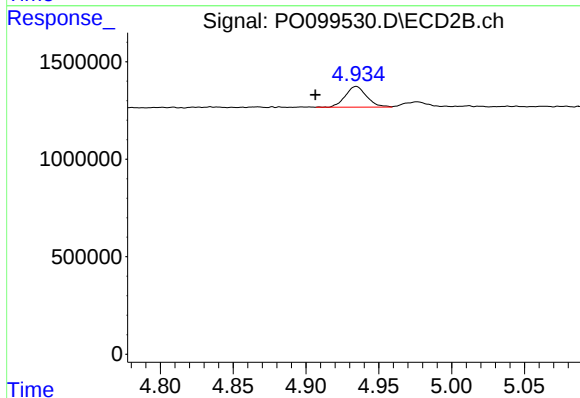
R.T.: 4.744 min
Delta R.T.: 0.013 min
Response: 39241
Conc: 2.56 ng/ml



#13 AR-1232-3

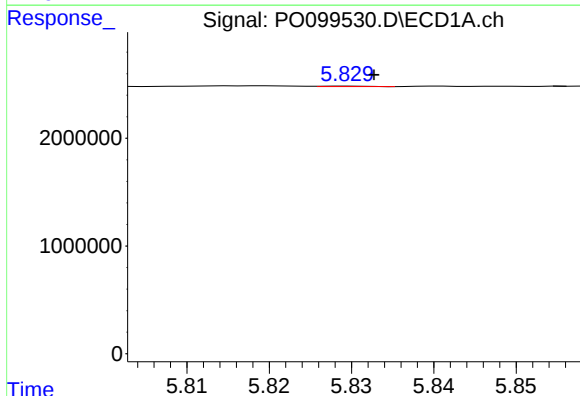
R.T.: 5.670 min
Delta R.T.: -0.002 min
Response: 60883
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



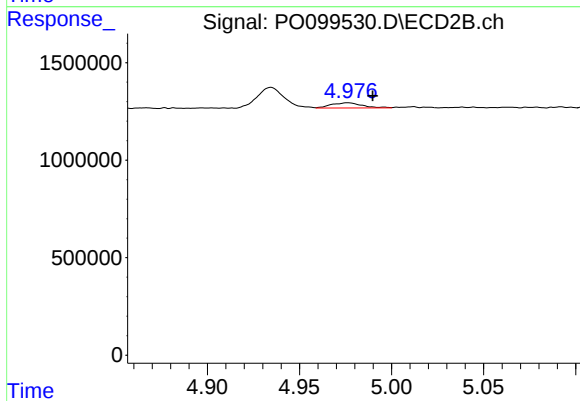
#13 AR-1232-3

R.T.: 4.934 min
Delta R.T.: 0.028 min
Response: 1079782
Conc: 134.95 ng/ml



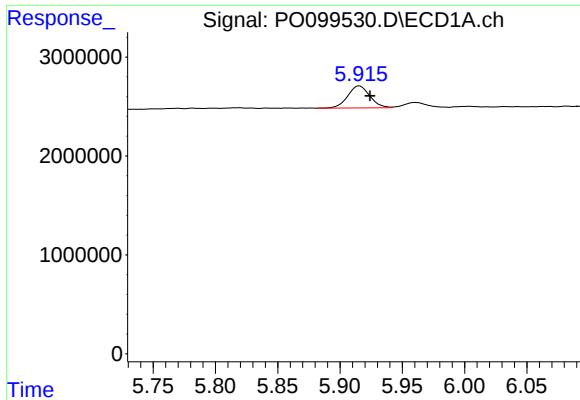
#14 AR-1232-4

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 18821
Conc: 0.99 ng/ml



#14 AR-1232-4

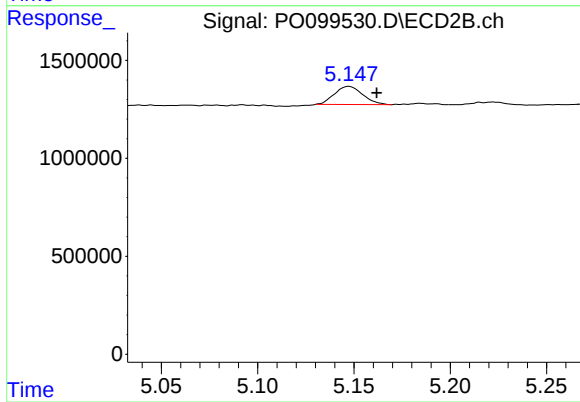
R.T.: 4.976 min
Delta R.T.: -0.013 min
Response: 312163
Conc: 40.57 ng/ml



#15 AR-1232-5

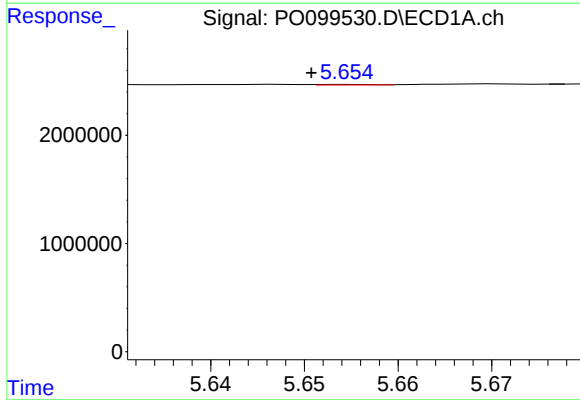
R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 2767599
Conc: 166.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



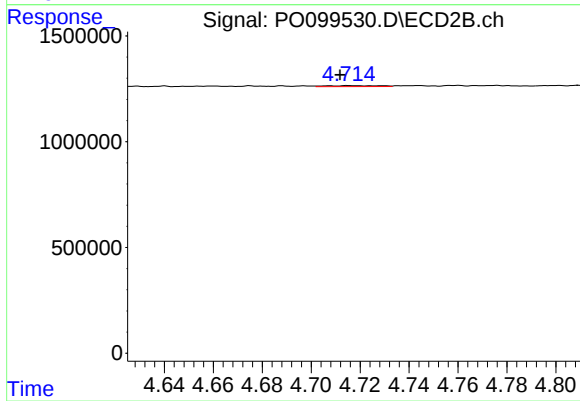
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.014 min
Response: 937333
Conc: 110.20 ng/ml



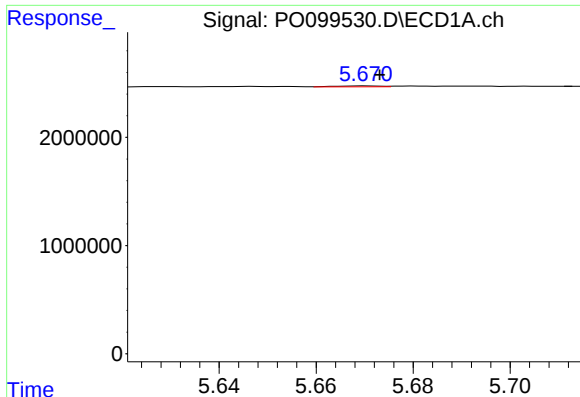
#16 AR-1242-1

R.T.: 5.655 min
Delta R.T.: 0.004 min
Response: 20500
Conc: 0.47 ng/ml



#16 AR-1242-1

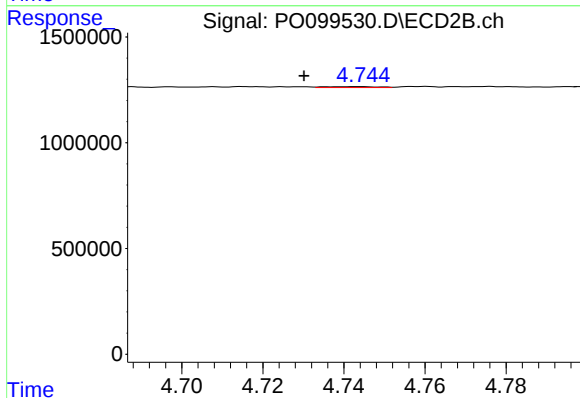
R.T.: 4.716 min
Delta R.T.: 0.004 min
Response: 72093
Conc: 4.10 ng/ml



#17 AR-1242-2

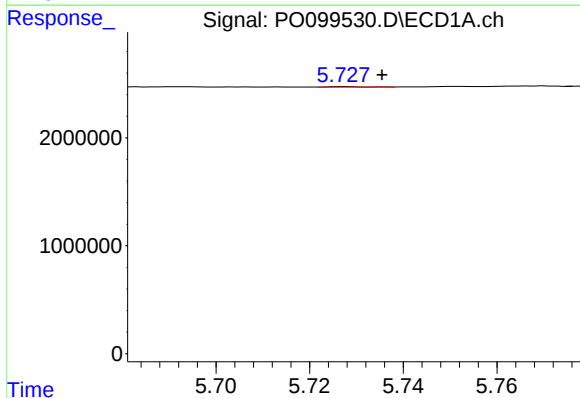
R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 60883
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



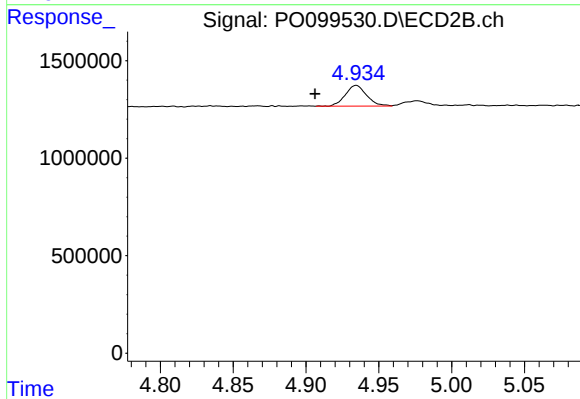
#17 AR-1242-2

R.T.: 4.744 min
Delta R.T.: 0.014 min
Response: 39241
Conc: 1.62 ng/ml



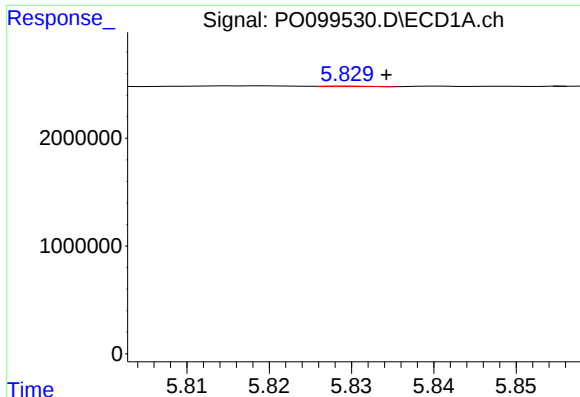
#18 AR-1242-3

R.T.: 5.728 min
Delta R.T.: -0.008 min
Response: 18975
Conc: 0.47 ng/ml



#18 AR-1242-3

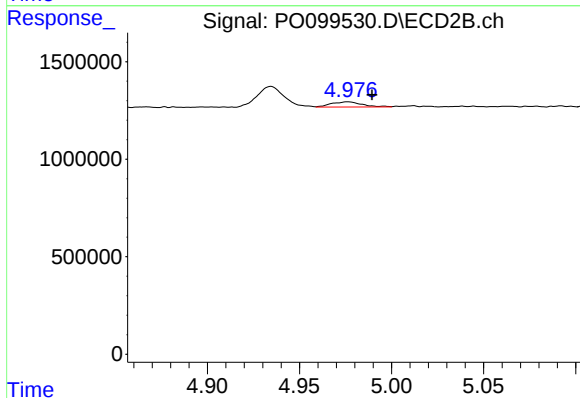
R.T.: 4.934 min
Delta R.T.: 0.028 min
Response: 1079782
Conc: 84.22 ng/ml



#19 AR-1242-4

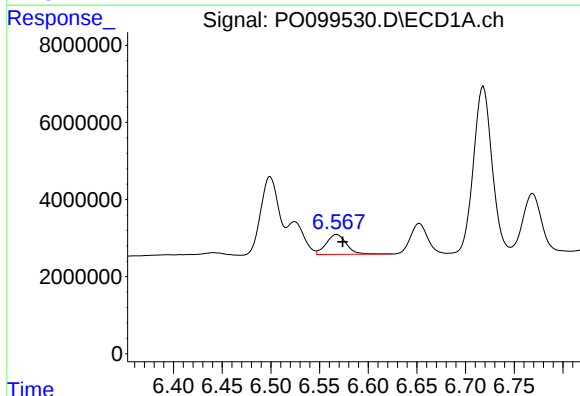
R.T.: 5.829 min
Delta R.T.: -0.005 min
Response: 18821
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



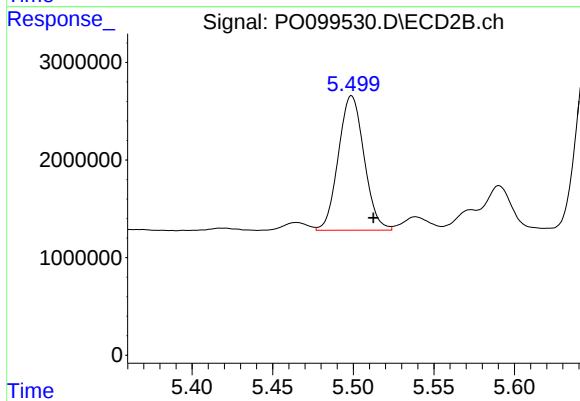
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.013 min
Response: 312163
Conc: 22.18 ng/ml



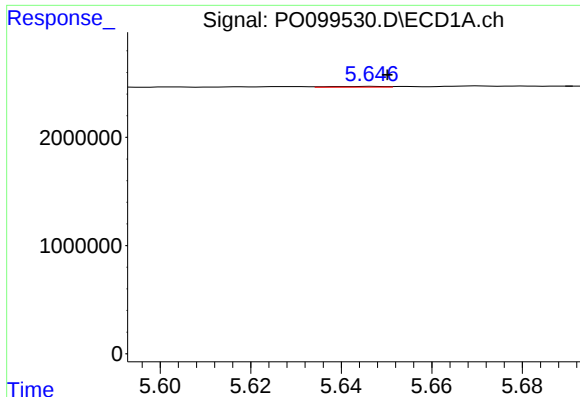
#20 AR-1242-5

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 7508165
Conc: 243.39 ng/ml



#20 AR-1242-5

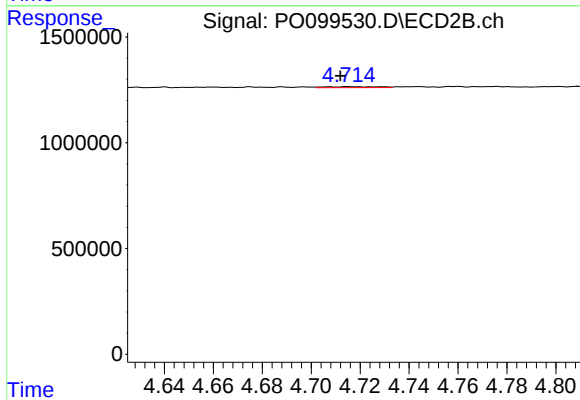
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 15288394
Conc: 914.86 ng/ml



#21 AR-1248-1

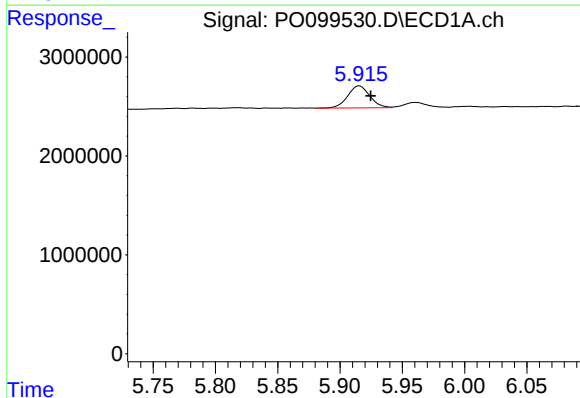
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 52451
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



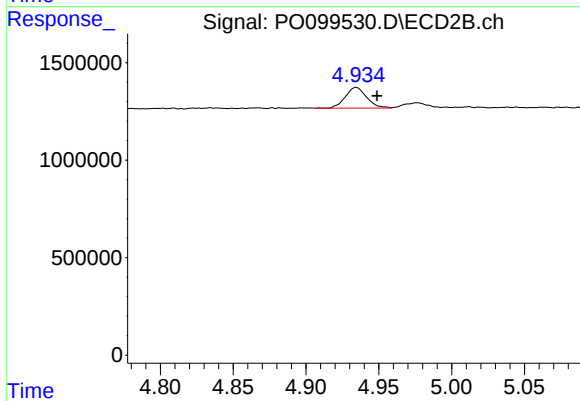
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.004 min
Response: 72093
Conc: 5.20 ng/ml



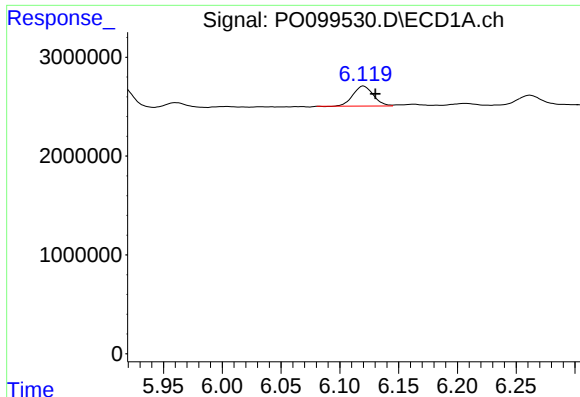
#22 AR-1248-2

R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 2767599
Conc: 52.88 ng/ml



#22 AR-1248-2

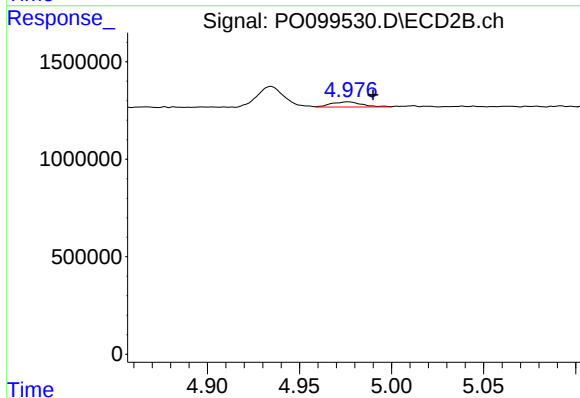
R.T.: 4.934 min
Delta R.T.: -0.014 min
Response: 1079782
Conc: 54.36 ng/ml



#23 AR-1248-3

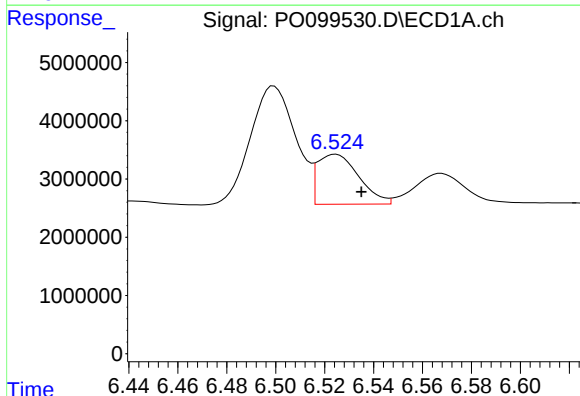
R.T.: 6.120 min
Delta R.T.: -0.010 min
Response: 2441574
Conc: 42.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



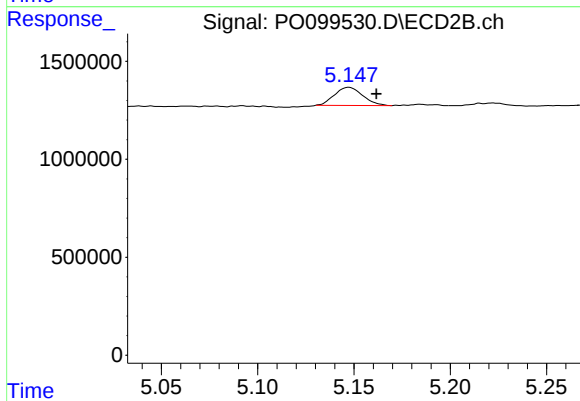
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.014 min
Response: 312163
Conc: 14.97 ng/ml



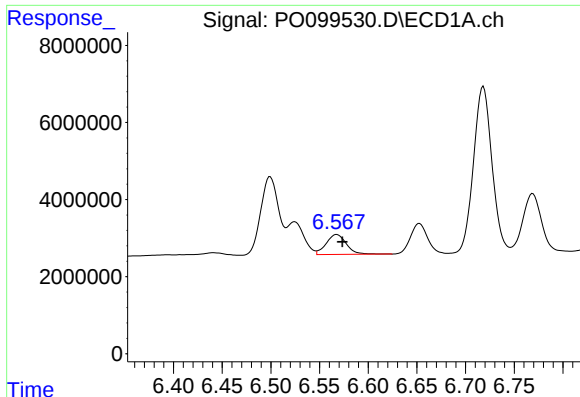
#24 AR-1248-4

R.T.: 6.525 min
Delta R.T.: -0.010 min
Response: 10056298
Conc: 184.41 ng/ml



#24 AR-1248-4

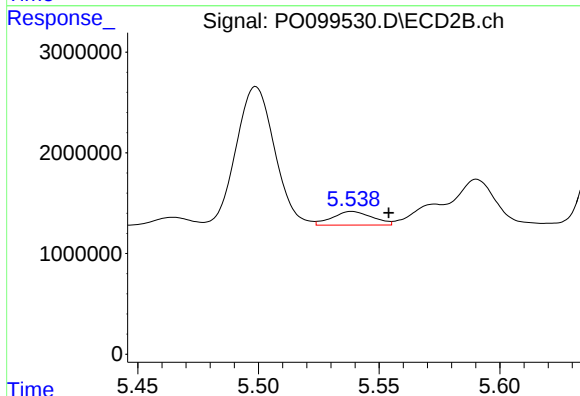
R.T.: 5.147 min
Delta R.T.: -0.014 min
Response: 937333
Conc: 38.13 ng/ml



#25 AR-1248-5

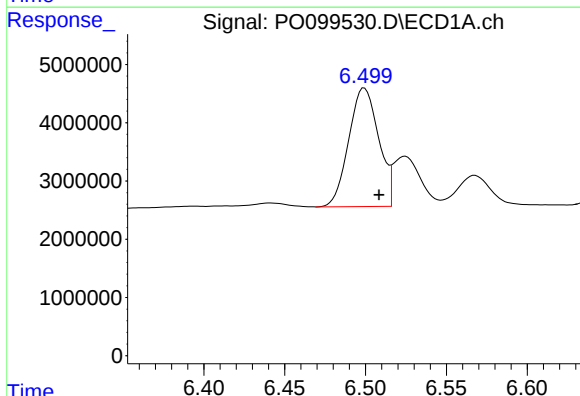
R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 7508165
Conc: 132.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



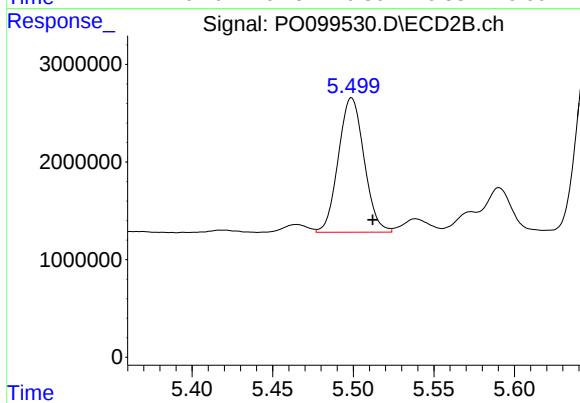
#25 AR-1248-5

R.T.: 5.539 min
Delta R.T.: -0.015 min
Response: 1554836
Conc: 71.59 ng/ml



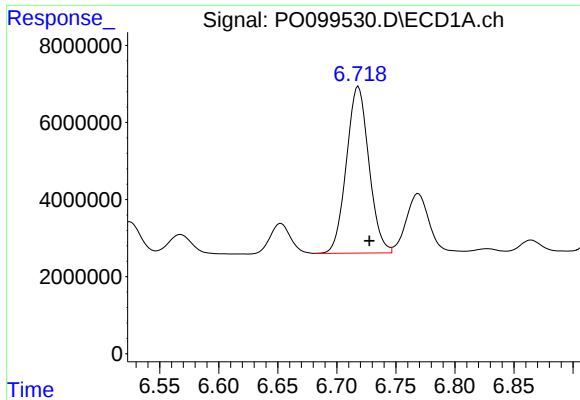
#26 AR-1254-1

R.T.: 6.499 min
Delta R.T.: -0.009 min
Response: 26230645
Conc: 398.48 ng/ml



#26 AR-1254-1

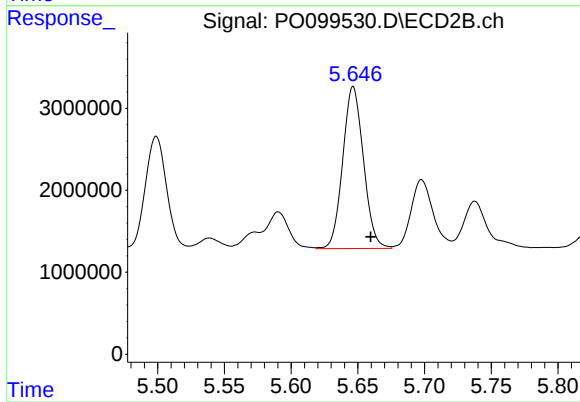
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 15288394
Conc: 431.47 ng/ml



#27 AR-1254-2

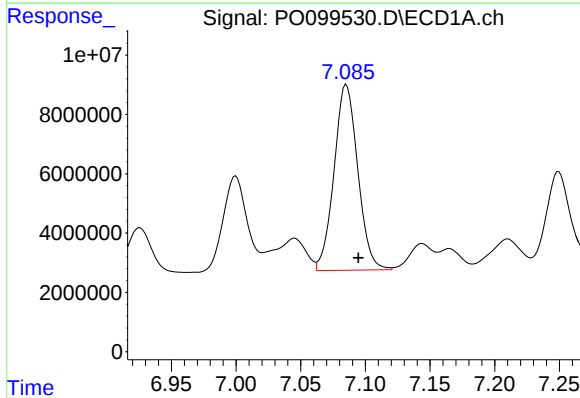
R.T.: 6.718 min
Delta R.T.: -0.009 min
Response: 57397073
Conc: 596.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



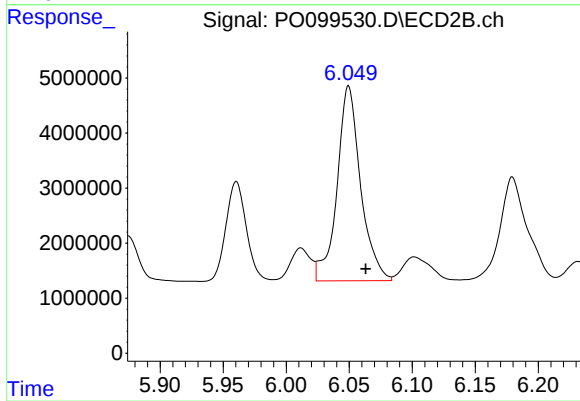
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 21364563
Conc: 667.97 ng/ml



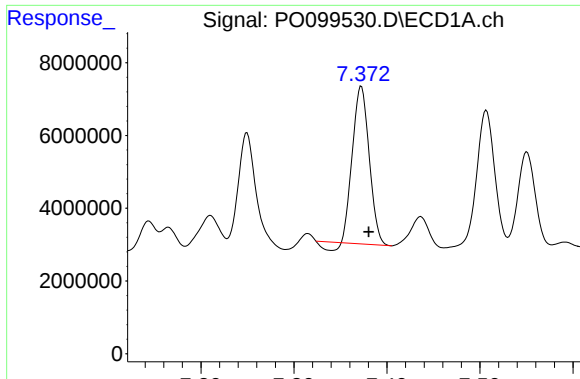
#28 AR-1254-3

R.T.: 7.085 min
Delta R.T.: -0.009 min
Response: 79995273
Conc: 894.97 ng/ml



#28 AR-1254-3

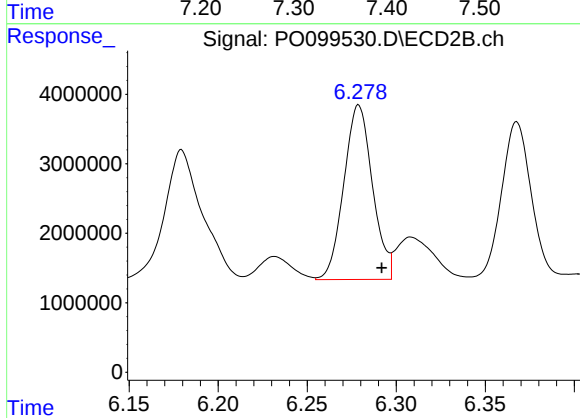
R.T.: 6.050 min
Delta R.T.: -0.014 min
Response: 46111763
Conc: 943.22 ng/ml



#29 AR-1254-4

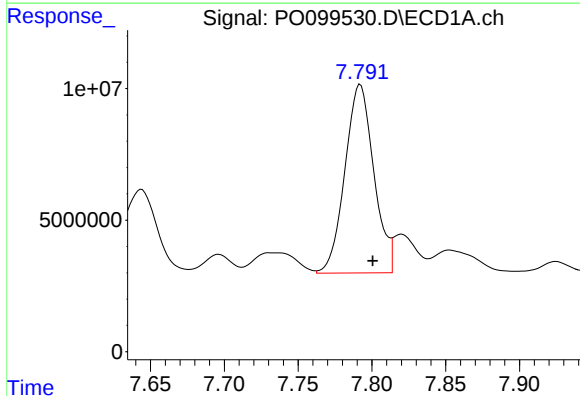
R.T.: 7.372 min
Delta R.T.: -0.008 min
Response: 52774945
Conc: 963.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



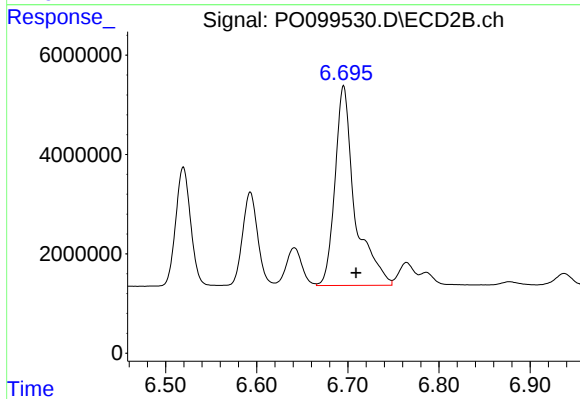
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.013 min
Response: 28183939
Conc: 1075.44 ng/ml



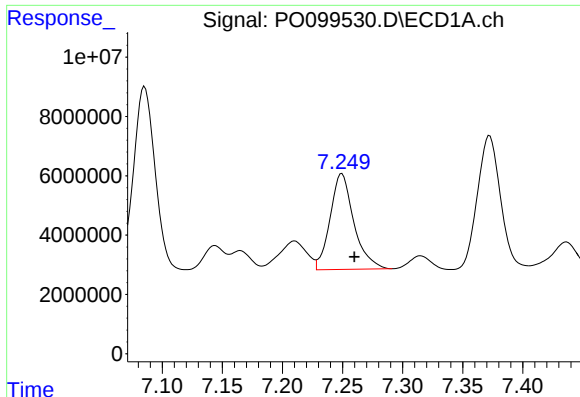
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: -0.008 min
Response: 97433403
Conc: 1447.00 ng/ml



#30 AR-1254-5

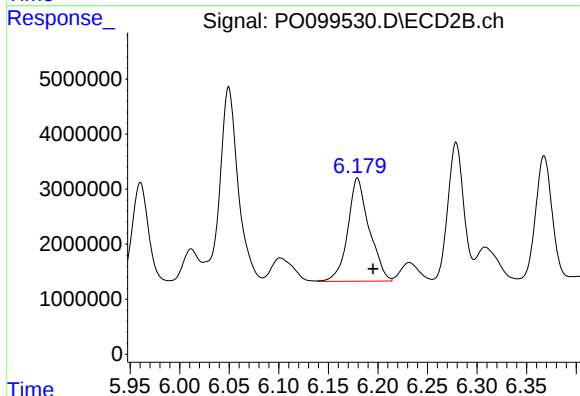
R.T.: 6.695 min
Delta R.T.: -0.014 min
Response: 60892773
Conc: 1444.50 ng/ml



#31 AR-1260-1

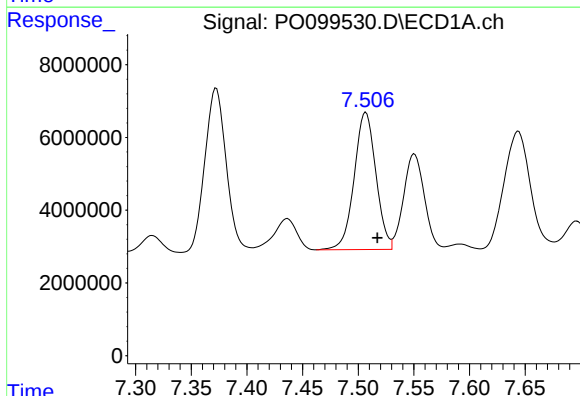
R.T.: 7.250 min
Delta R.T.: -0.010 min
Response: 44482857
Conc: 620.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



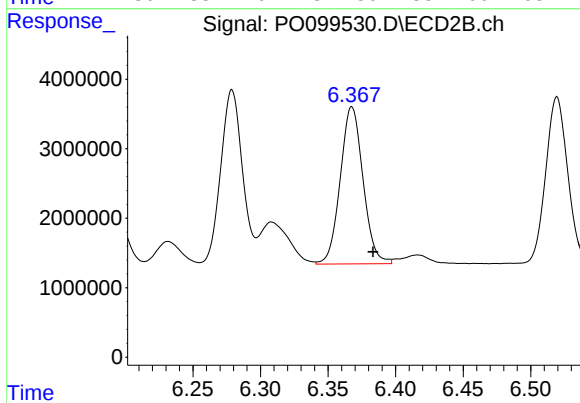
#31 AR-1260-1

R.T.: 6.179 min
Delta R.T.: -0.016 min
Response: 28170910
Conc: 798.60 ng/ml



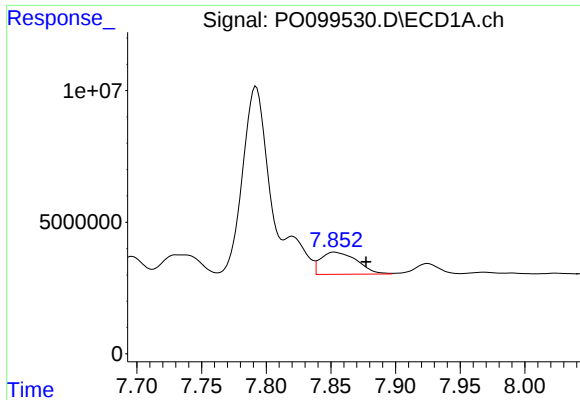
#32 AR-1260-2

R.T.: 7.507 min
Delta R.T.: -0.011 min
Response: 51180894
Conc: 648.71 ng/ml



#32 AR-1260-2

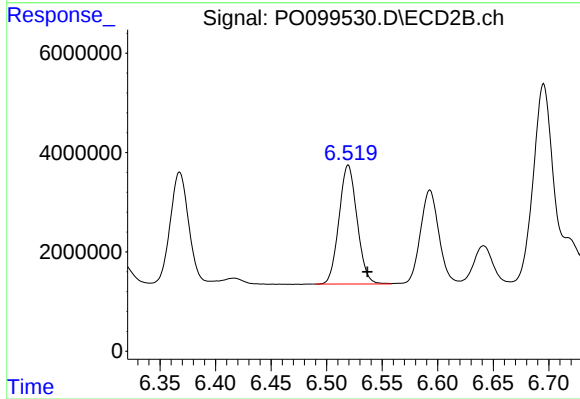
R.T.: 6.368 min
Delta R.T.: -0.016 min
Response: 26525417
Conc: 661.70 ng/ml



#33 AR-1260-3

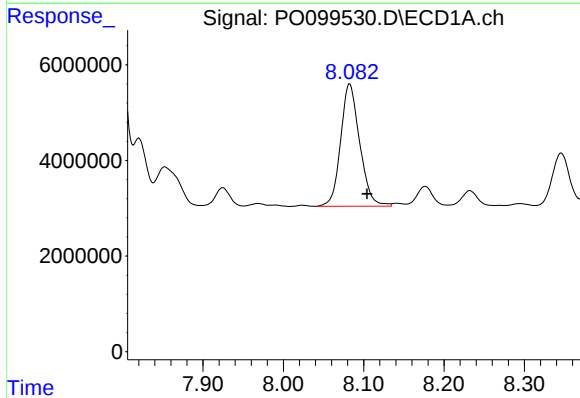
R.T.: 7.853 min
Delta R.T.: -0.025 min
Response: 16559109
Conc: 303.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



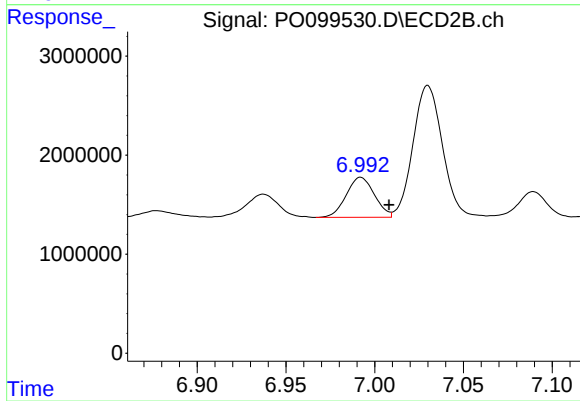
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.017 min
Response: 27082842
Conc: 716.23 ng/ml



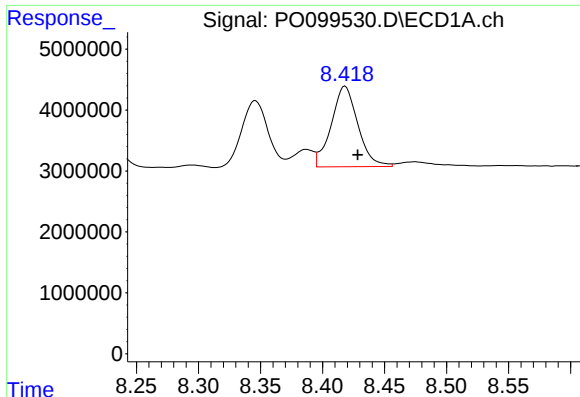
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.022 min
Response: 42150702
Conc: 672.72 ng/ml



#34 AR-1260-4

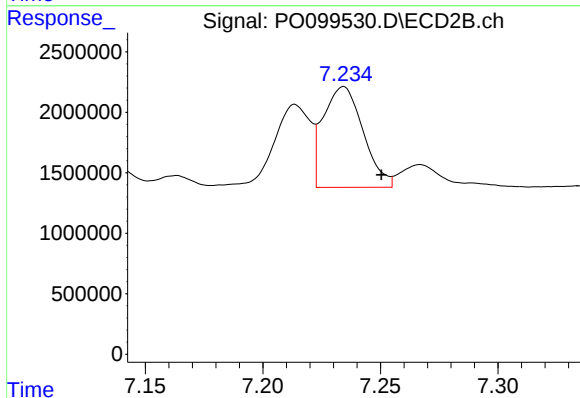
R.T.: 6.992 min
Delta R.T.: -0.016 min
Response: 4466723
Conc: 154.58 ng/ml



#35 AR-1260-5

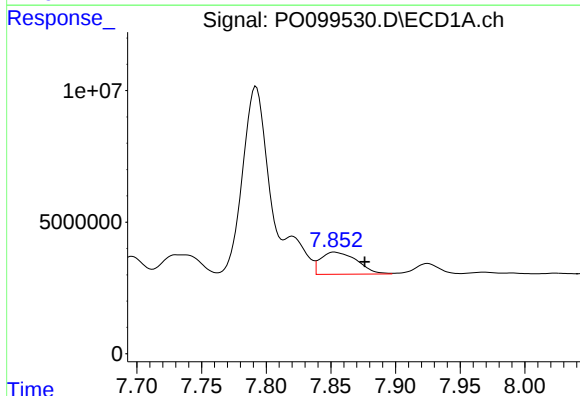
R.T.: 8.418 min
Delta R.T.: -0.010 min
Response: 19765482
Conc: 184.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



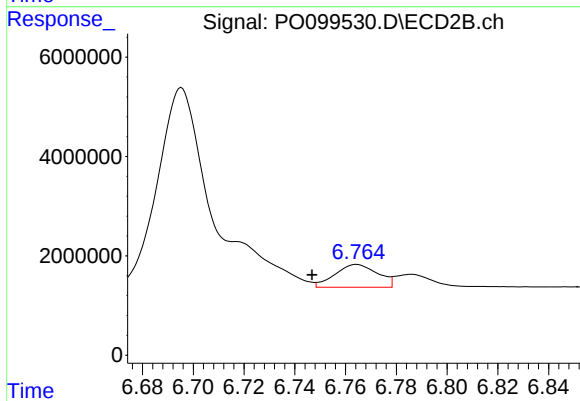
#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: -0.016 min
Response: 9830467
Conc: 163.35 ng/ml



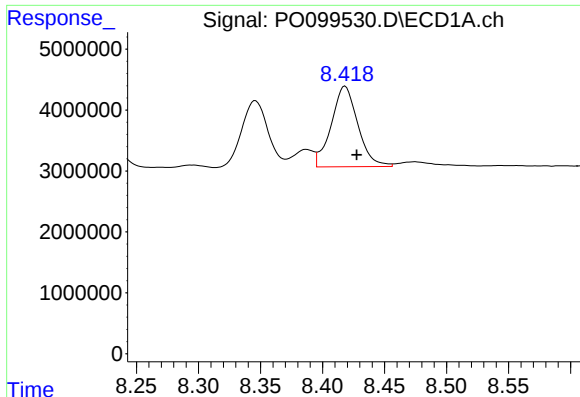
#36 AR-1262-1

R.T.: 7.853 min
Delta R.T.: -0.024 min
Response: 16559109
Conc: 182.95 ng/ml



#36 AR-1262-1

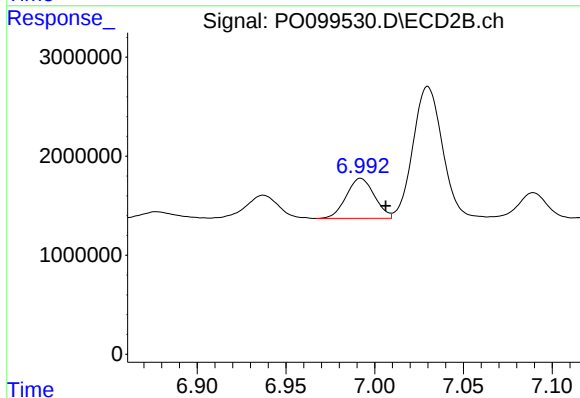
R.T.: 6.764 min
Delta R.T.: 0.018 min
Response: 5331187
Conc: 113.62 ng/ml



#37 AR-1262-2

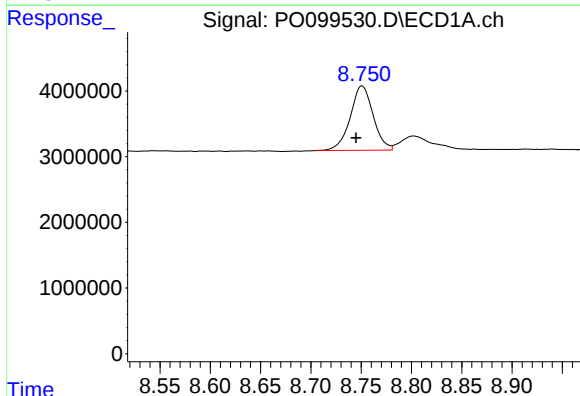
R.T.: 8.418 min
Delta R.T.: -0.009 min
Response: 19765482
Conc: 148.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



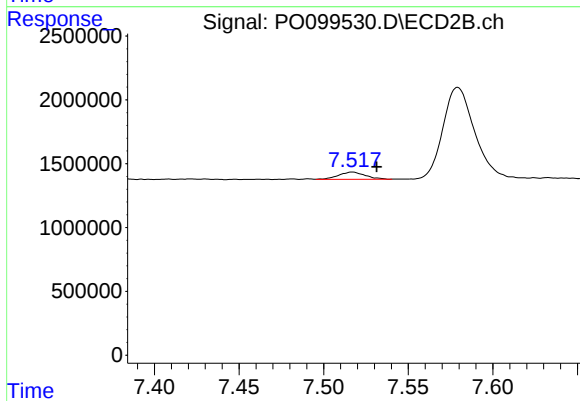
#37 AR-1262-2

R.T.: 6.992 min
Delta R.T.: -0.014 min
Response: 4466723
Conc: 107.59 ng/ml



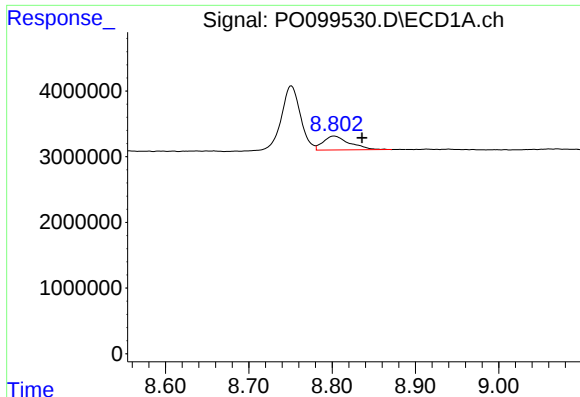
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: 0.006 min
Response: 15551488
Conc: 158.15 ng/ml



#38 AR-1262-3

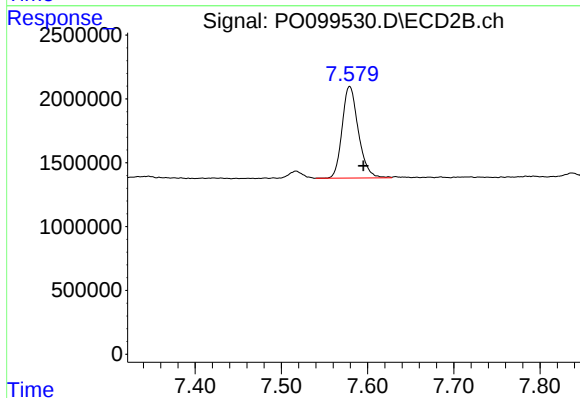
R.T.: 7.517 min
Delta R.T.: -0.014 min
Response: 620020
Conc: 19.41 ng/ml



#39 AR-1262-4

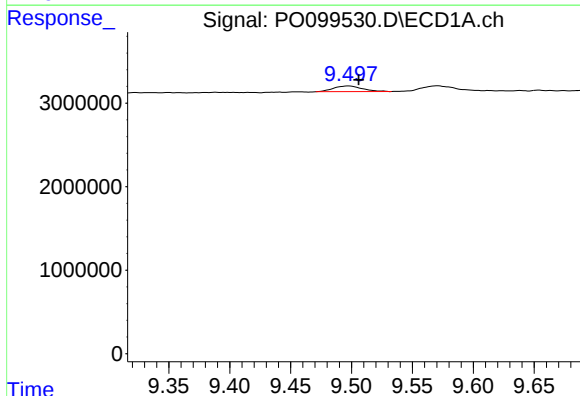
R.T.: 8.803 min
Delta R.T.: -0.033 min
Response: 4664302
Conc: 58.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



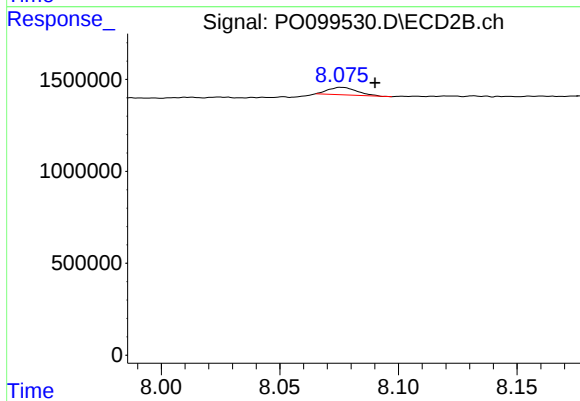
#39 AR-1262-4

R.T.: 7.579 min
Delta R.T.: -0.016 min
Response: 9388499
Conc: 170.77 ng/ml



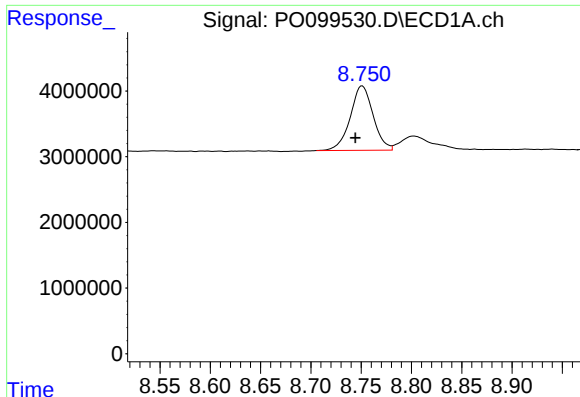
#40 AR-1262-5

R.T.: 9.498 min
Delta R.T.: -0.008 min
Response: 1123557
Conc: 25.57 ng/ml



#40 AR-1262-5

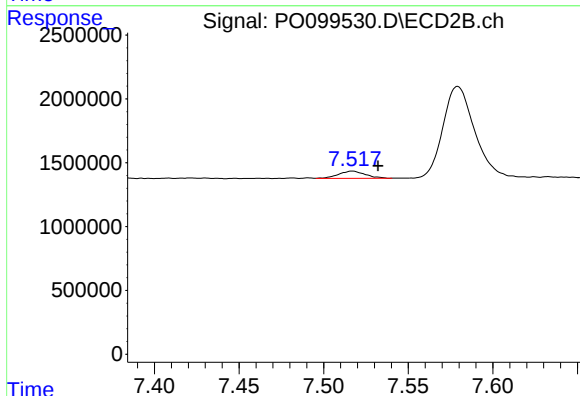
R.T.: 8.076 min
Delta R.T.: -0.014 min
Response: 337783
Conc: 13.45 ng/ml



#41 AR-1268-1

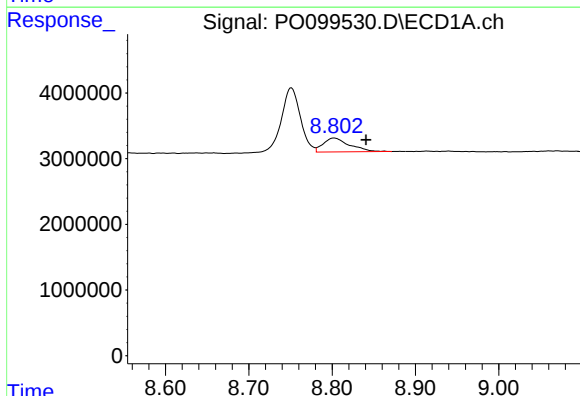
R.T.: 8.751 min
Delta R.T.: 0.007 min
Response: 15551488
Conc: 90.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



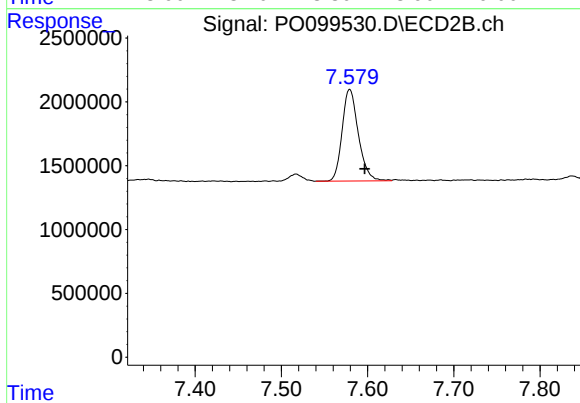
#41 AR-1268-1

R.T.: 7.517 min
Delta R.T.: -0.015 min
Response: 620020
Conc: 6.95 ng/ml



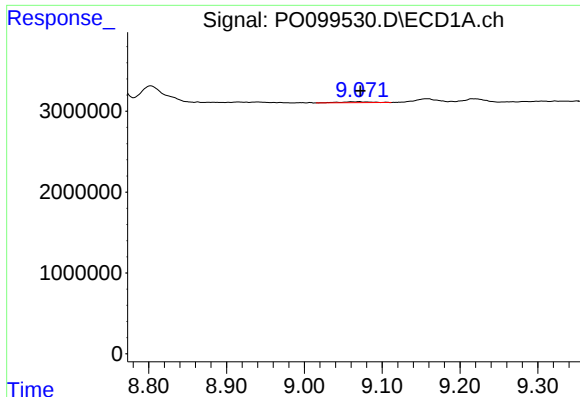
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.038 min
Response: 4664302
Conc: 29.75 ng/ml



#42 AR-1268-2

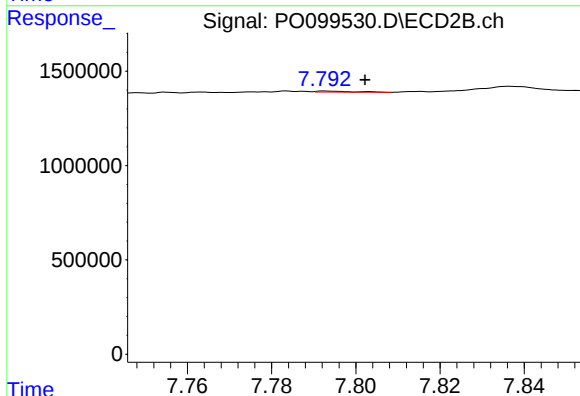
R.T.: 7.579 min
Delta R.T.: -0.018 min
Response: 9388499
Conc: 118.91 ng/ml



#43 AR-1268-3

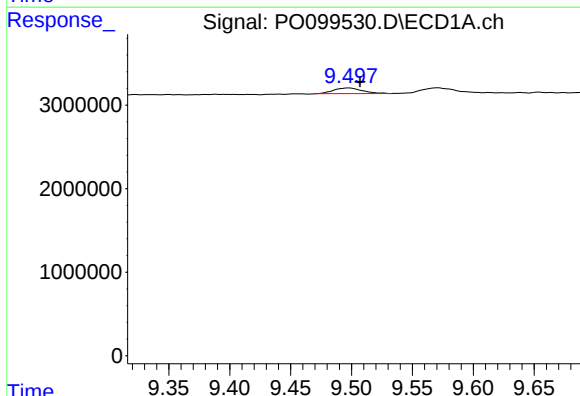
R.T.: 9.070 min
Delta R.T.: -0.001 min
Response: 336731
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



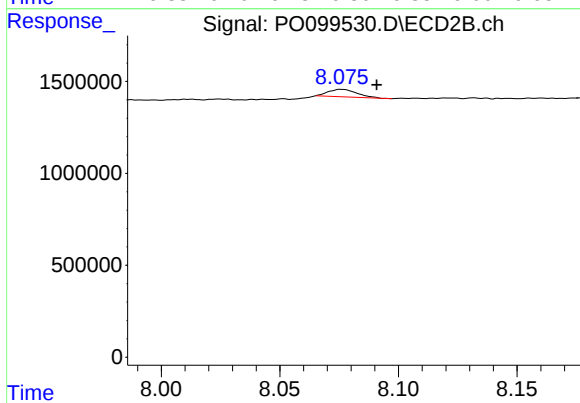
#43 AR-1268-3

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 32785
Conc: 0.47 ng/ml



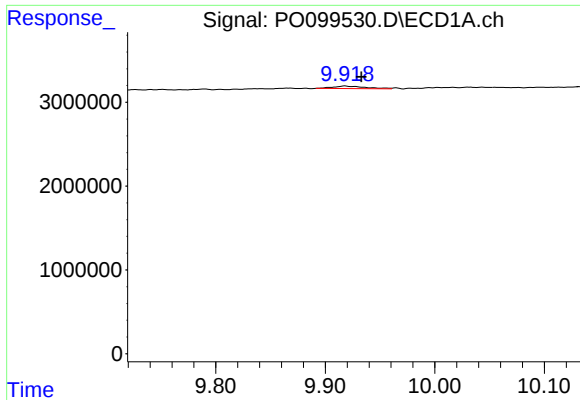
#44 AR-1268-4

R.T.: 9.498 min
Delta R.T.: -0.009 min
Response: 1123557
Conc: 22.41 ng/ml



#44 AR-1268-4

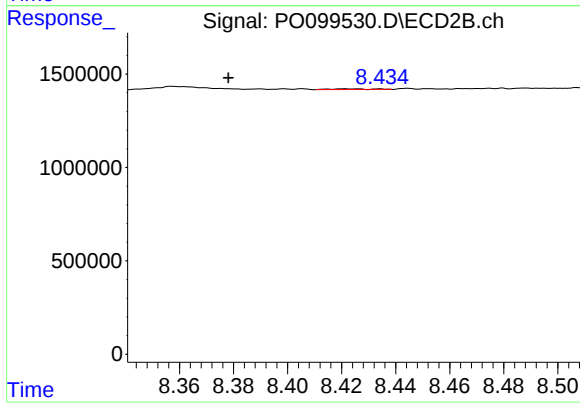
R.T.: 8.076 min
Delta R.T.: -0.015 min
Response: 337783
Conc: 12.26 ng/ml



#45 AR-1268-5

R.T.: 9.918 min
Delta R.T.: -0.015 min
Response: 622758
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: 0.043 min
Response: 39046
Conc: 0.20 ng/ml