

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO113023\
 Data File : PO100177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2023 16:29
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 16:55:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.479	3.704	75140289	68925601	44.023	45.953
2)	SA Decachlor...	10.358	8.796	40142944	58733192	55.267	52.487
Target Compounds							
3)	L1 AR-1016-1	5.666	4.808	11642767	9385546	270.596	297.234
4)	L1 AR-1016-2	5.689	4.827	14780927	9593606	228.304	221.878
5)	L1 AR-1016-3	5.752	5.008	7518077	6318412	172.488	272.451 #
6)	L1 AR-1016-4	5.850	5.049	7876966	13130654	238.628	640.483 #
7)	L1 AR-1016-5	6.150	5.266	19797844	15810852	630.537	619.980
8)	L2 AR-1221-1	4.682	3.919	130873	466055	6.348	24.516 #
9)	L2 AR-1221-2	4.790	4.009	1333152	1083968	88.264	83.182
10)	L2 AR-1221-3	4.856	4.086	1221703	1075350	27.225	29.937
11)	L3 AR-1232-1	4.856	4.086	1221703	1075350	34.240	36.644
12)	L3 AR-1232-2	5.394	4.827	5900403	9593606	339.013	483.765 #
13)	L3 AR-1232-3	5.689	5.008	14780927	6318412	521.611	609.692
14)	L3 AR-1232-4	5.850	5.091	7876966	13715648	567.027	1379.864 #
15)	L3 AR-1232-5	5.944	5.266	18465246	15810852	1504.637	1463.945
16)	L4 AR-1242-1	5.666	4.808	11642767	9385546	336.078	357.123
17)	L4 AR-1242-2	5.689	4.827	14780927	9593606	281.671	272.838
18)	L4 AR-1242-3	5.752	5.008	7518077	6318412	216.011	329.943 #
19)	L4 AR-1242-4	5.850	5.091	7876966	13715648	299.614	680.945 #
20)	L4 AR-1242-5	6.599	5.621	18605893	21967463	832.146	940.155
21)	L5 AR-1248-1	5.666	4.808	11642767	9385546	450.351	469.471
22)	L5 AR-1248-2	5.944	5.049	18465246	13130654	451.508	469.274
23)	L5 AR-1248-3	6.150	5.091	19797844	13715648	462.209	474.952
24)	L5 AR-1248-4	6.559	5.266	19075246	15810852	506.090	482.190
25)	L5 AR-1248-5	6.599	5.663	18605893	15010414	503.776	502.497
26)	L6 AR-1254-1	6.532	5.621	14965783	21967463	310.797	423.779 #
27)	L6 AR-1254-2	6.757	5.771	19096477	7037293	278.454	151.120 #
28)	L6 AR-1254-3	7.125	6.180	10315745	11670557	161.924	149.640
29)	L6 AR-1254-4	7.414	6.409	5939086	7757071	157.103	181.763
30)	L6 AR-1254-5	7.837	6.832	1493264	2536498	34.887	35.052
31)	L7 AR-1260-1	7.293	6.327	1161338	5732510	21.811	99.205 #
32)	L7 AR-1260-2	7.549	6.499	1427211	1075830	26.981	16.198 #
33)	L7 AR-1260-3	7.922	6.656	31809	1310834	0.892	20.486 #
34)	L7 AR-1260-4	8.130	7.132	743963	207337	17.975	4.112 #
35)	L7 AR-1260-5	8.472	7.374	523671	483523	7.839	4.313 #
36)	L8 AR-1262-1	7.837	6.832	1493264	2536498	41.283	66.364 #
37)	L8 AR-1262-2	8.472	7.132	523671	207337	6.168	2.749 #
38)	L8 AR-1262-3	8.786	7.661	72594	107779	1.205	1.850 #
39)	L8 AR-1262-4	8.894	7.725	35380	371837	0.734	3.618 #
40)	L8 AR-1262-5	9.573	8.226	16811	97687	0.644	2.242 #
41)	L9 AR-1268-1	8.786	7.661	72594	107779	0.658	0.649

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 Operator : YP/AJ
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

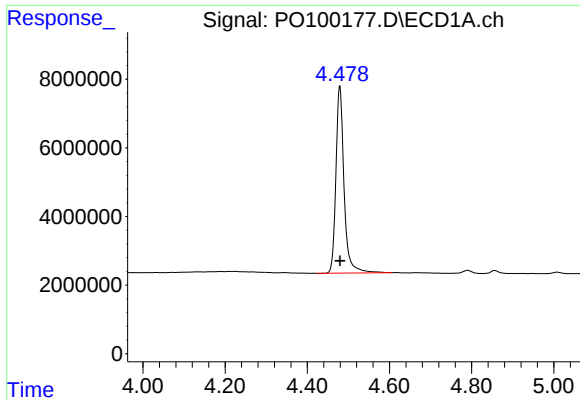
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 16:55:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
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 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	8.894	7.725	35380	371837	0.368	2.436 #
43) L9	AR-1268-3	9.129	7.938	72726	459266	0.806	3.205 #
44) L9	AR-1268-4	9.573	8.226	16811	97687	0.591	2.079 #
45) L9	AR-1268-5	10.009	8.529	219342	444024	0.872	1.115 #

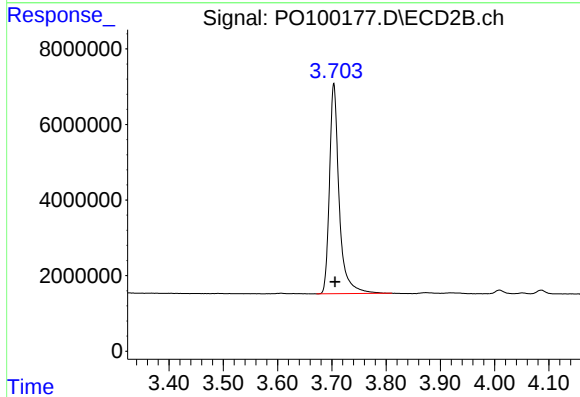
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

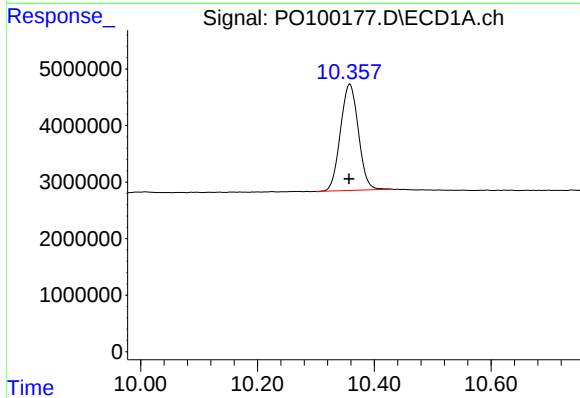
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 75140289
Conc: 44.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



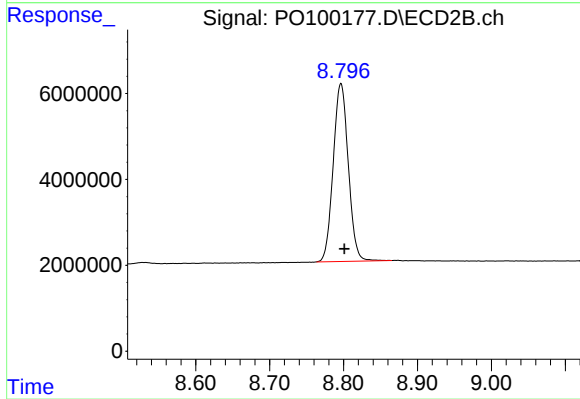
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 68925601
Conc: 45.95 ng/ml



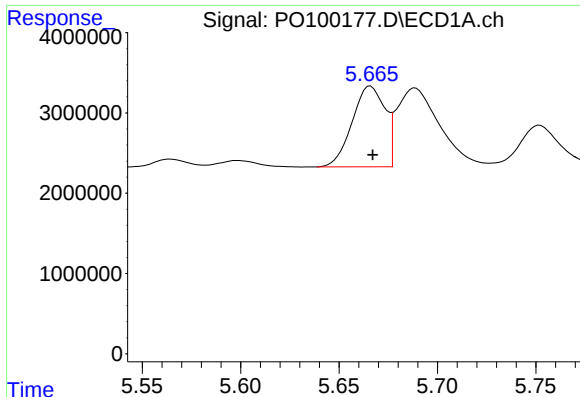
#2 Decachlorobiphenyl

R.T.: 10.358 min
Delta R.T.: 0.001 min
Response: 40142944
Conc: 55.27 ng/ml



#2 Decachlorobiphenyl

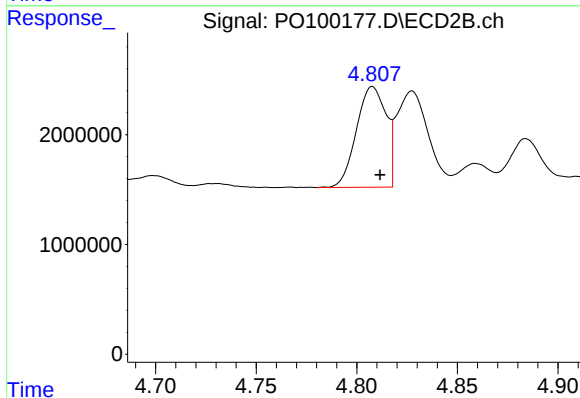
R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 58733192
Conc: 52.49 ng/ml



#3 AR-1016-1

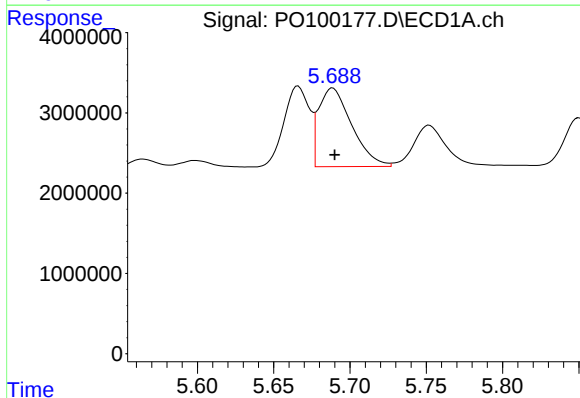
R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 11642767
Conc: 270.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



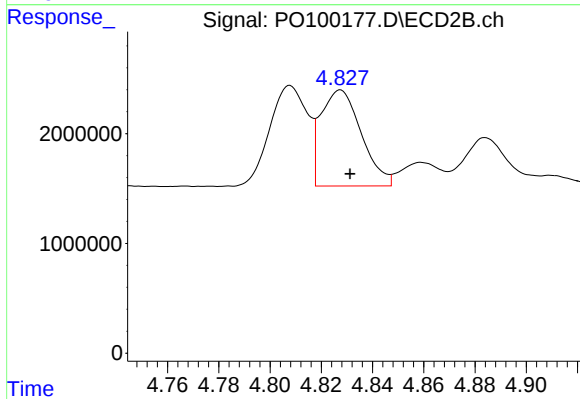
#3 AR-1016-1

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 9385546
Conc: 297.23 ng/ml



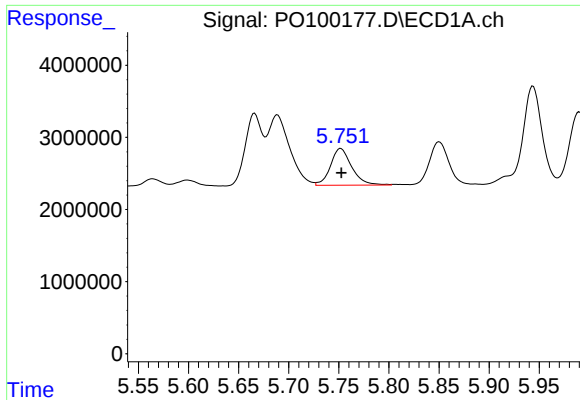
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 14780927
Conc: 228.30 ng/ml



#4 AR-1016-2

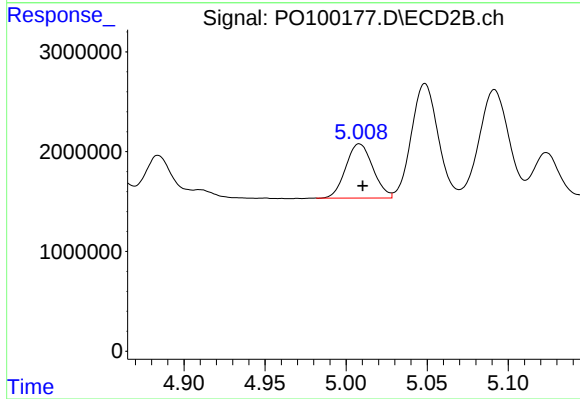
R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 9593606
Conc: 221.88 ng/ml



#5 AR-1016-3

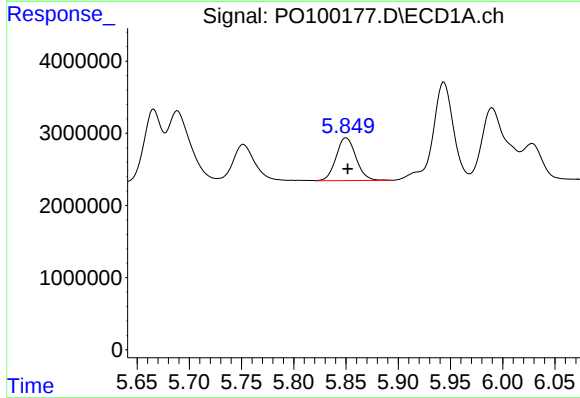
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 7518077
Conc: 172.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



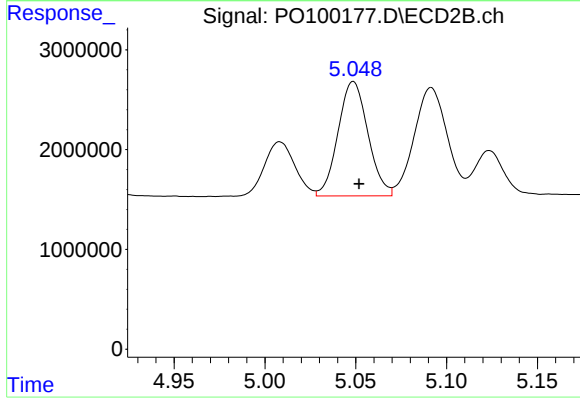
#5 AR-1016-3

R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 6318412
Conc: 272.45 ng/ml



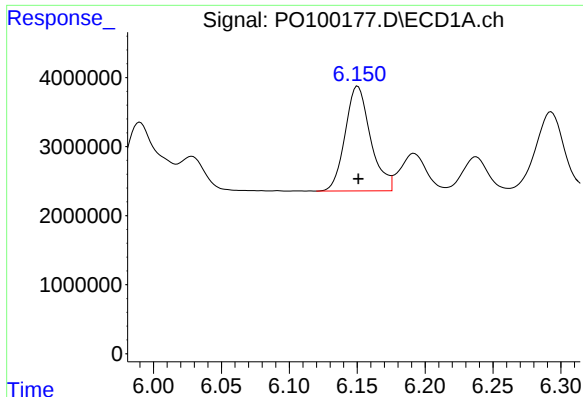
#6 AR-1016-4

R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 7876966
Conc: 238.63 ng/ml



#6 AR-1016-4

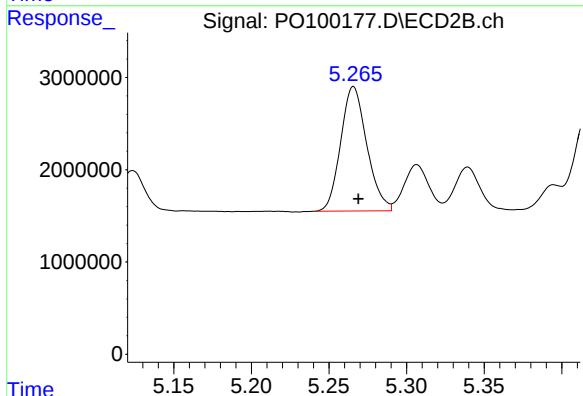
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 13130654
Conc: 640.48 ng/ml



#7 AR-1016-5

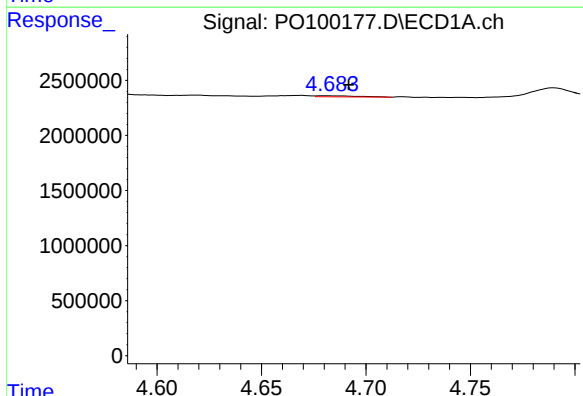
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 19797844
Conc: 630.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



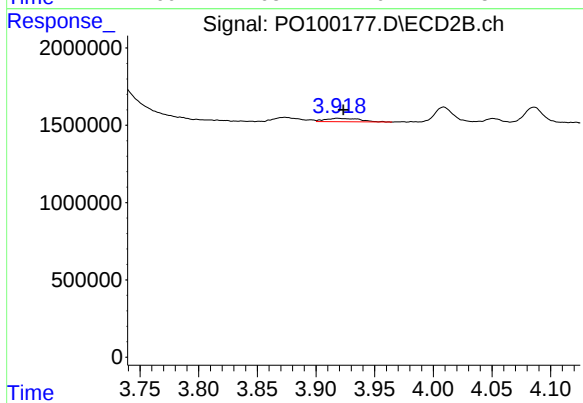
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 15810852
Conc: 619.98 ng/ml



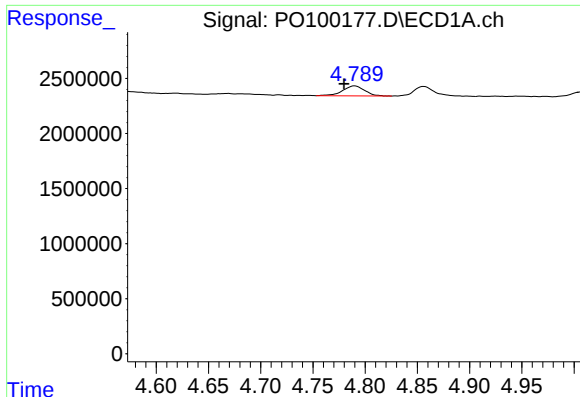
#8 AR-1221-1

R.T.: 4.682 min
Delta R.T.: -0.010 min
Response: 130873
Conc: 6.35 ng/ml



#8 AR-1221-1

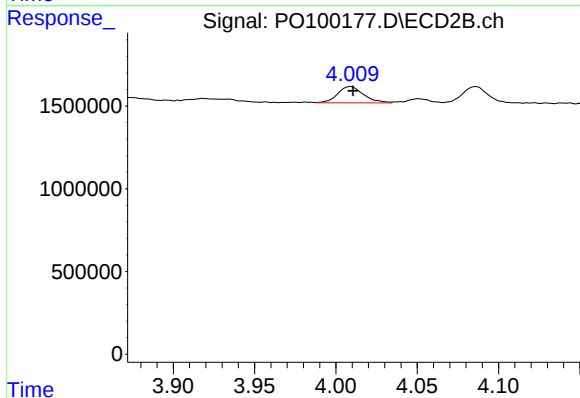
R.T.: 3.919 min
Delta R.T.: -0.005 min
Response: 466055
Conc: 24.52 ng/ml



#9 AR-1221-2

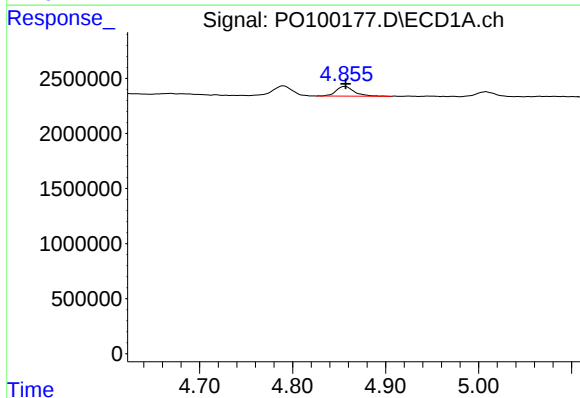
R.T.: 4.790 min
Delta R.T.: 0.010 min
Response: 1333152
Conc: 88.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



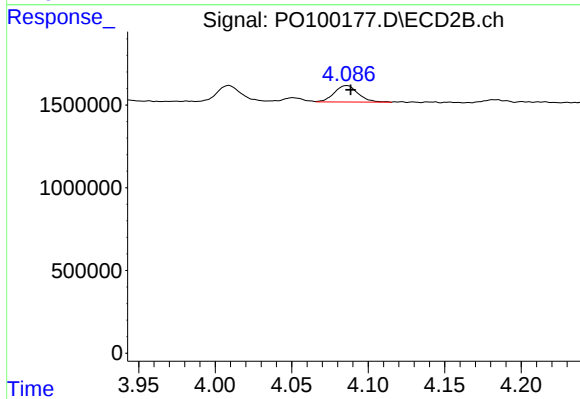
#9 AR-1221-2

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 1083968
Conc: 83.18 ng/ml



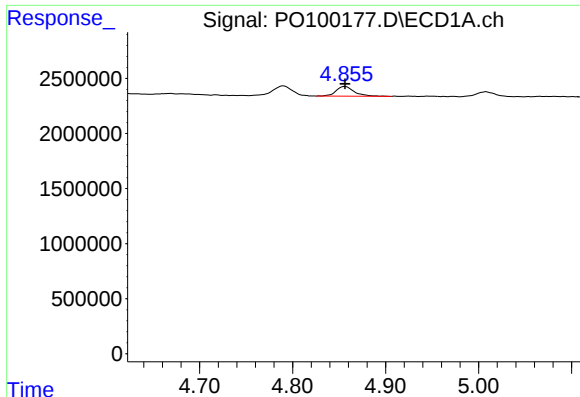
#10 AR-1221-3

R.T.: 4.856 min
Delta R.T.: -0.001 min
Response: 1221703
Conc: 27.22 ng/ml



#10 AR-1221-3

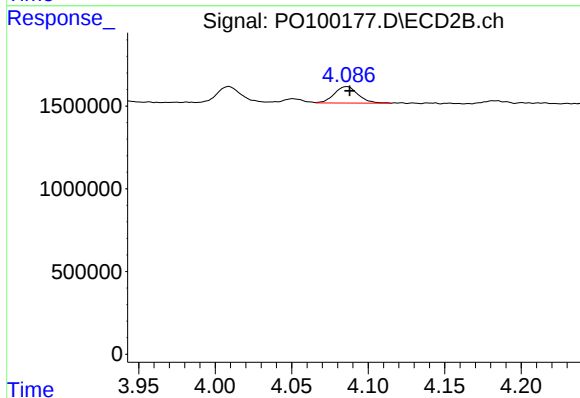
R.T.: 4.086 min
Delta R.T.: -0.003 min
Response: 1075350
Conc: 29.94 ng/ml



#11 AR-1232-1

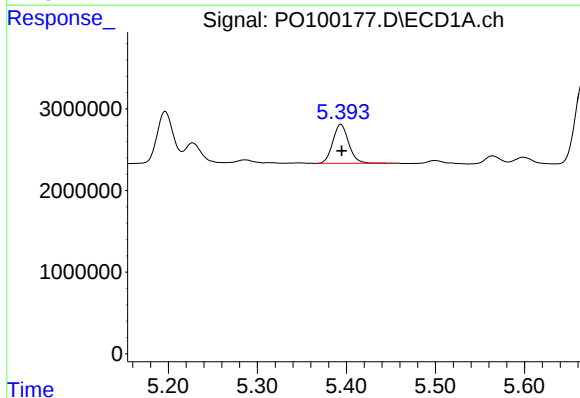
R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 1221703
Conc: 34.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



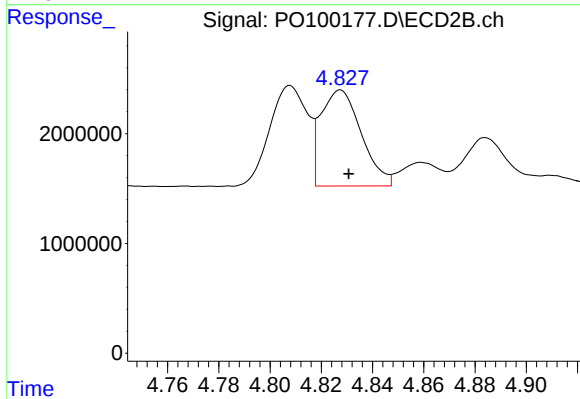
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 1075350
Conc: 36.64 ng/ml



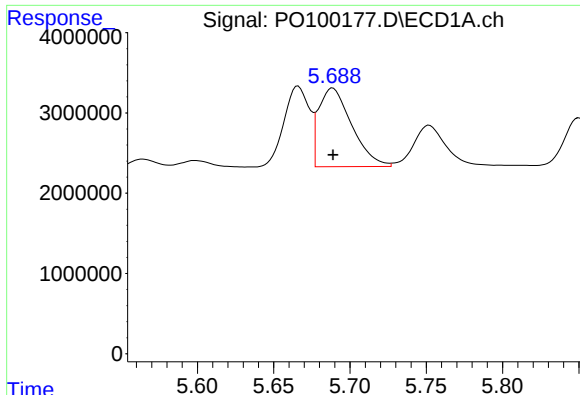
#12 AR-1232-2

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 5900403
Conc: 339.01 ng/ml



#12 AR-1232-2

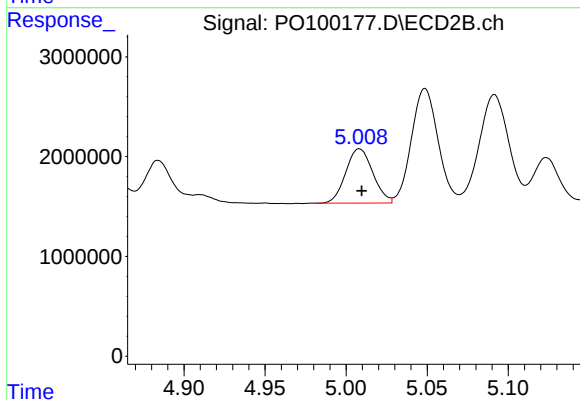
R.T.: 4.827 min
Delta R.T.: -0.003 min
Response: 9593606
Conc: 483.77 ng/ml



#13 AR-1232-3

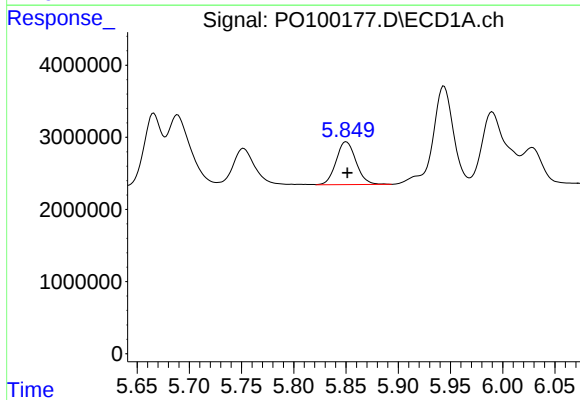
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 14780927
Conc: 521.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



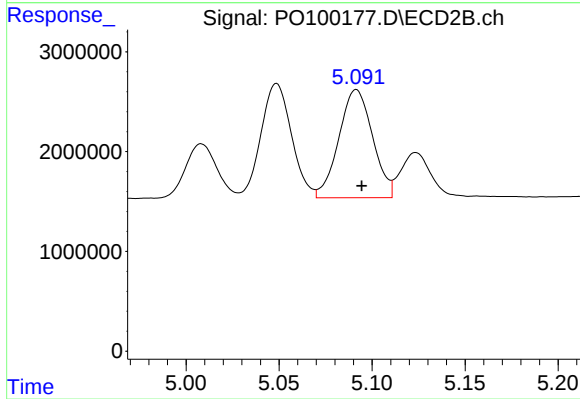
#13 AR-1232-3

R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 6318412
Conc: 609.69 ng/ml



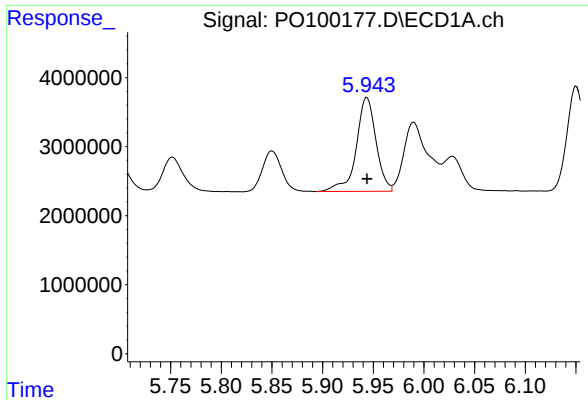
#14 AR-1232-4

R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 7876966
Conc: 567.03 ng/ml



#14 AR-1232-4

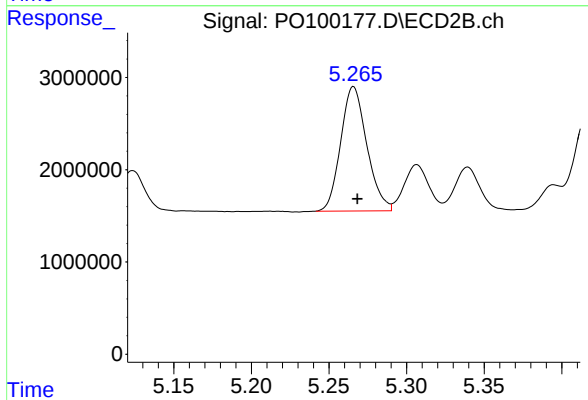
R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 13715648
Conc: 1379.86 ng/ml



#15 AR-1232-5

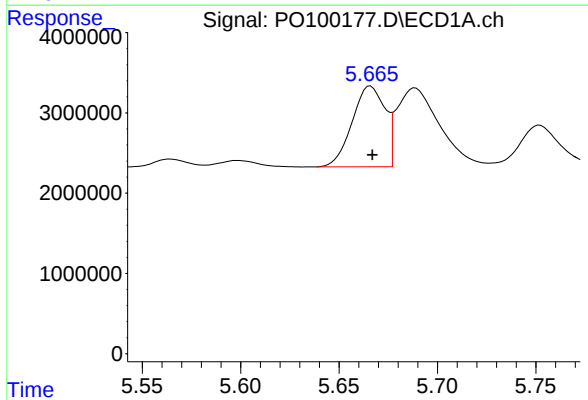
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 18465246
Conc: 1504.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



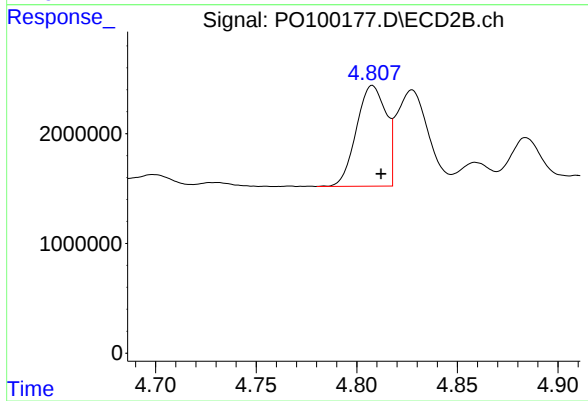
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 15810852
Conc: 1463.95 ng/ml



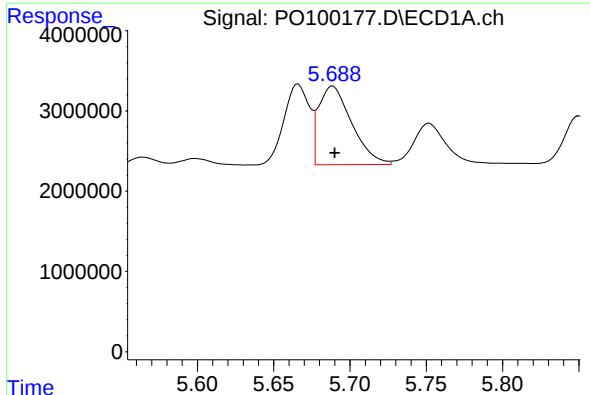
#16 AR-1242-1

R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 11642767
Conc: 336.08 ng/ml



#16 AR-1242-1

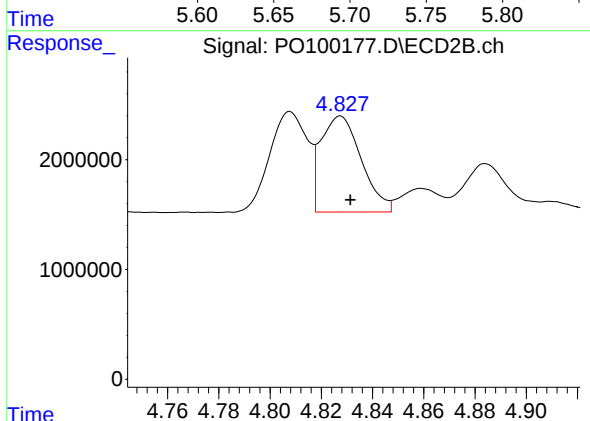
R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 9385546
Conc: 357.12 ng/ml



#17 AR-1242-2

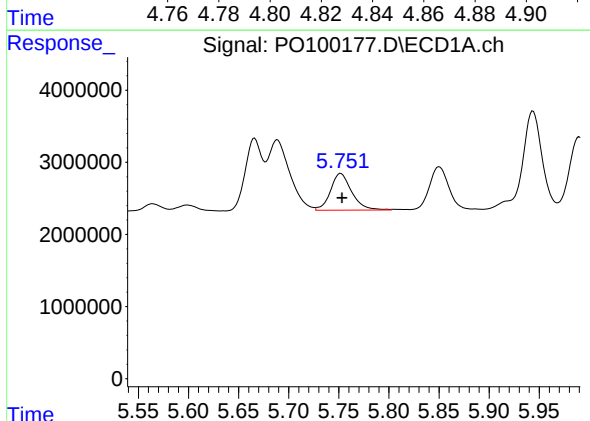
R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 14780927
Conc: 281.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



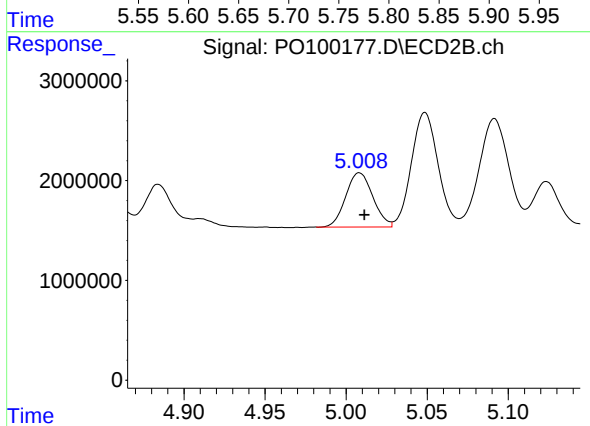
#17 AR-1242-2

R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 9593606
Conc: 272.84 ng/ml



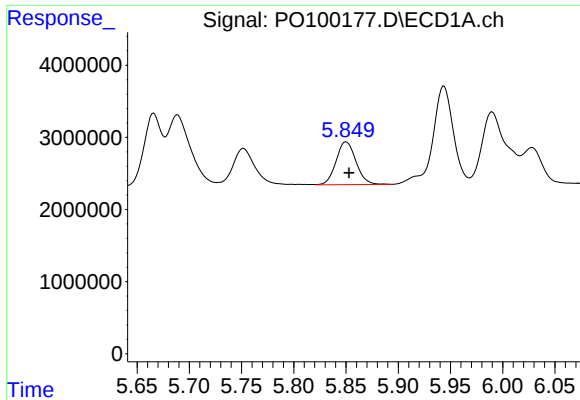
#18 AR-1242-3

R.T.: 5.752 min
Delta R.T.: -0.001 min
Response: 7518077
Conc: 216.01 ng/ml



#18 AR-1242-3

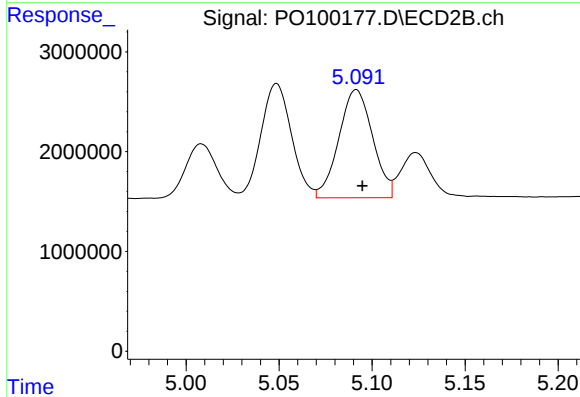
R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 6318412
Conc: 329.94 ng/ml



#19 AR-1242-4

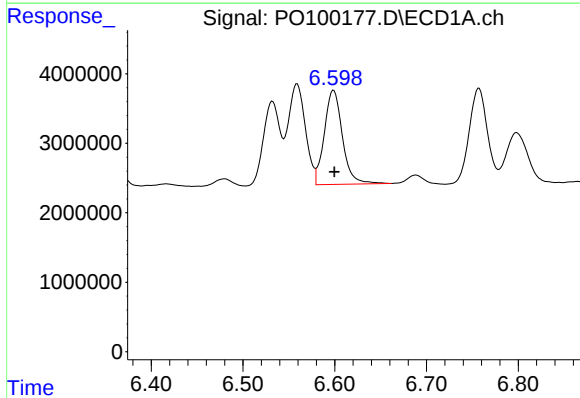
R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 7876966
Conc: 299.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



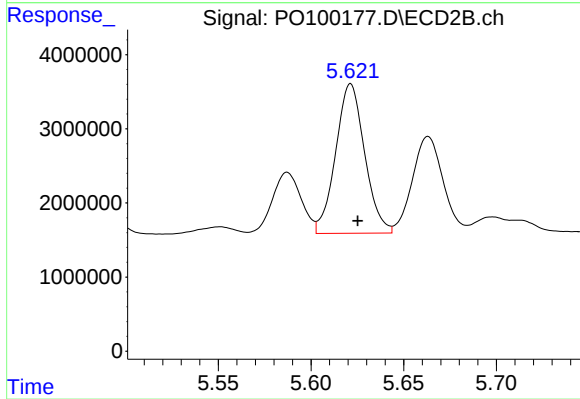
#19 AR-1242-4

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 13715648
Conc: 680.94 ng/ml



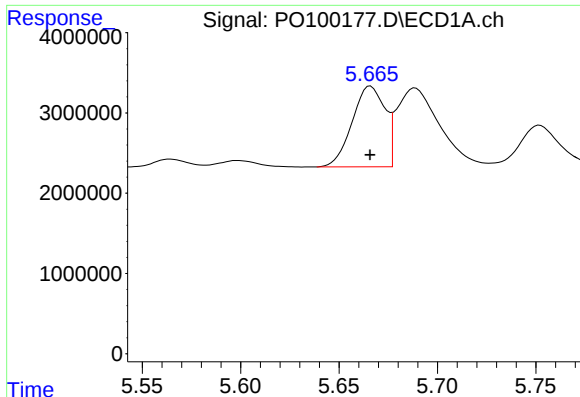
#20 AR-1242-5

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 18605893
Conc: 832.15 ng/ml



#20 AR-1242-5

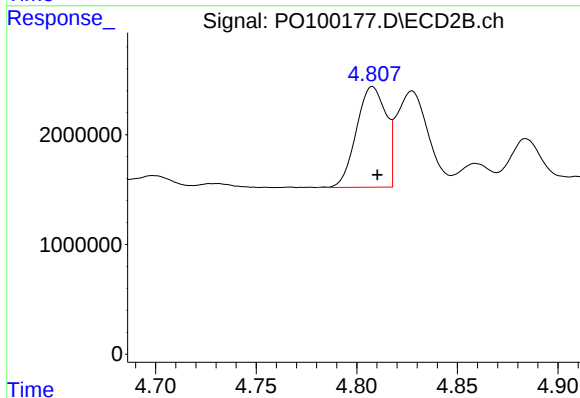
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 21967463
Conc: 940.15 ng/ml



#21 AR-1248-1

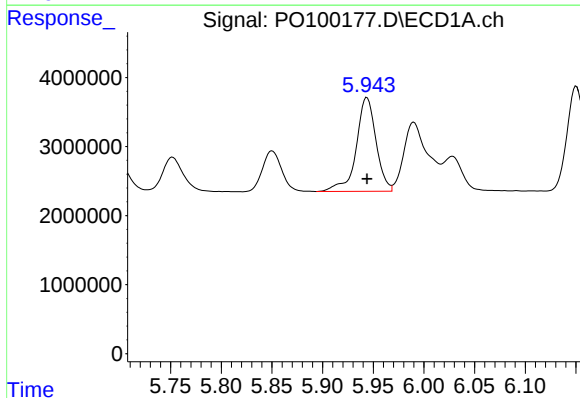
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 11642767
Conc: 450.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



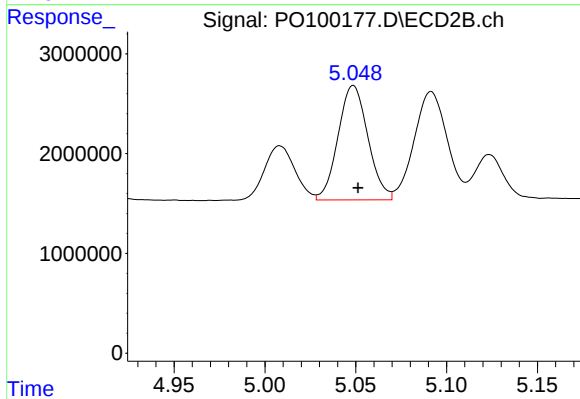
#21 AR-1248-1

R.T.: 4.808 min
Delta R.T.: -0.002 min
Response: 9385546
Conc: 469.47 ng/ml



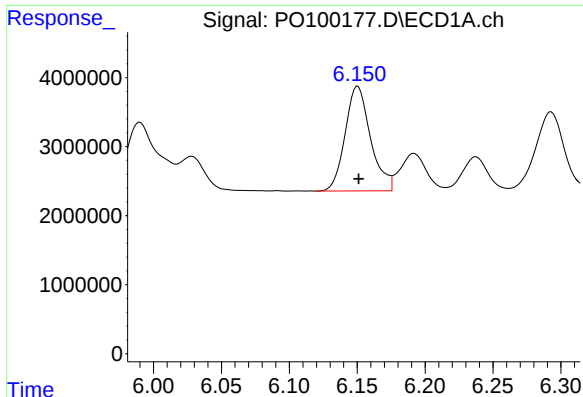
#22 AR-1248-2

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 18465246
Conc: 451.51 ng/ml



#22 AR-1248-2

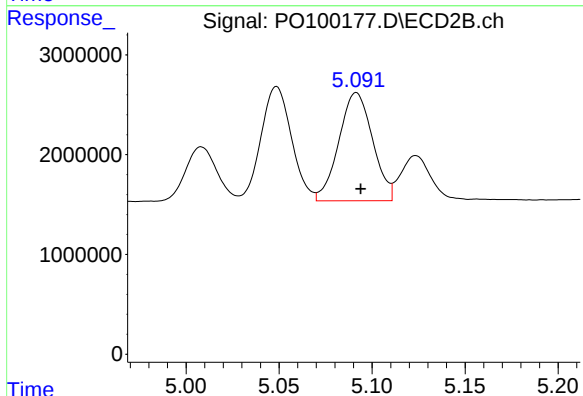
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 13130654
Conc: 469.27 ng/ml



#23 AR-1248-3

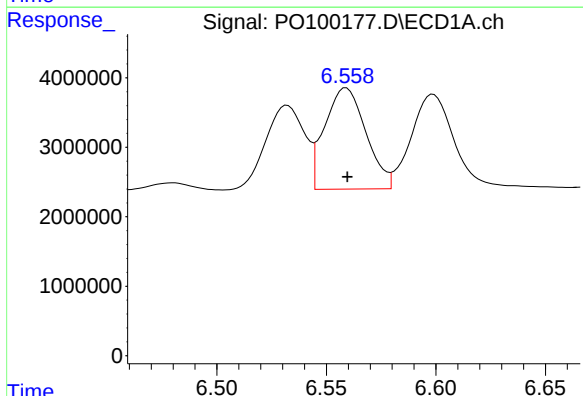
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 19797844
Conc: 462.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



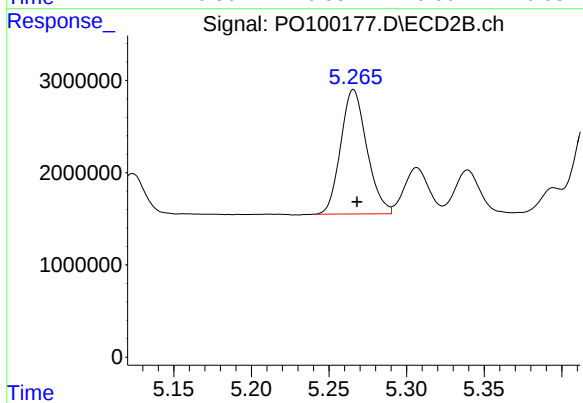
#23 AR-1248-3

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 13715648
Conc: 474.95 ng/ml



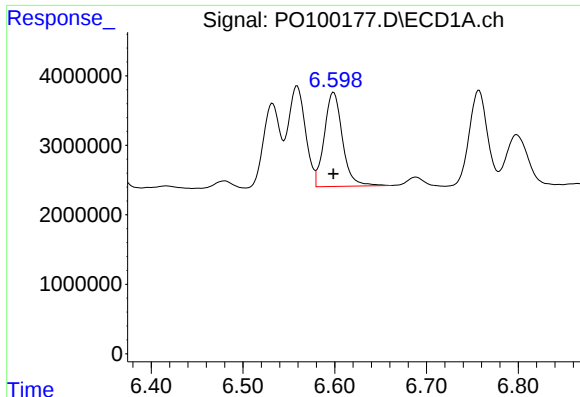
#24 AR-1248-4

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 19075246
Conc: 506.09 ng/ml



#24 AR-1248-4

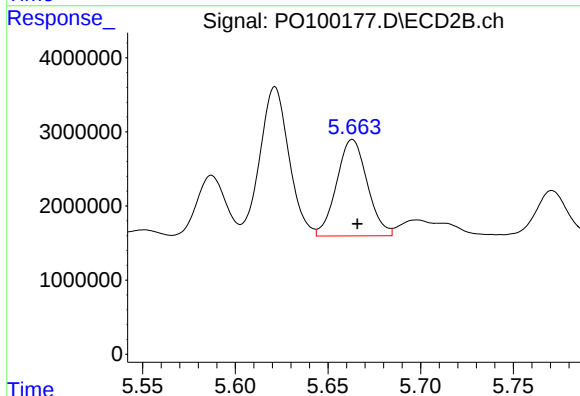
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 15810852
Conc: 482.19 ng/ml



#25 AR-1248-5

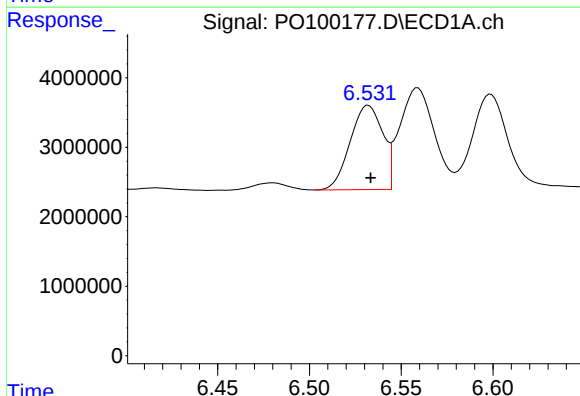
R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 18605893
Conc: 503.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



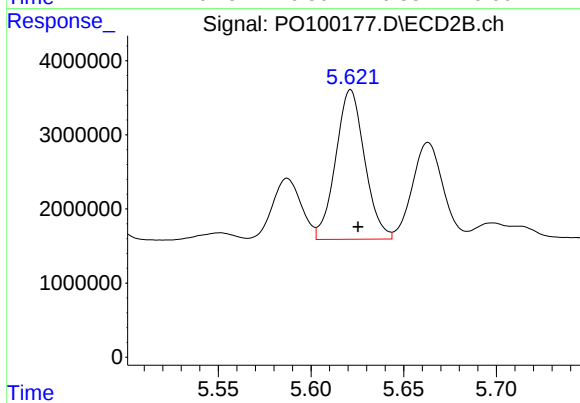
#25 AR-1248-5

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 15010414
Conc: 502.50 ng/ml



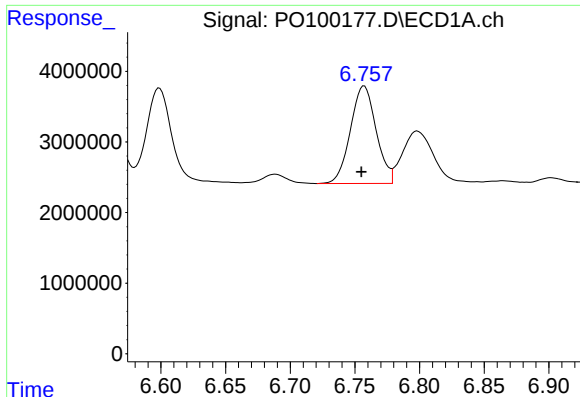
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 14965783
Conc: 310.80 ng/ml



#26 AR-1254-1

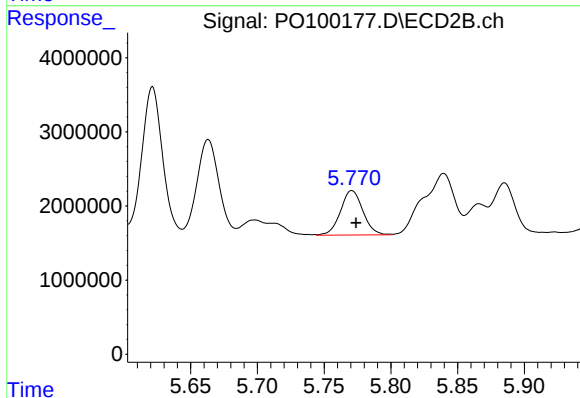
R.T.: 5.621 min
Delta R.T.: -0.004 min
Response: 21967463
Conc: 423.78 ng/ml



#27 AR-1254-2

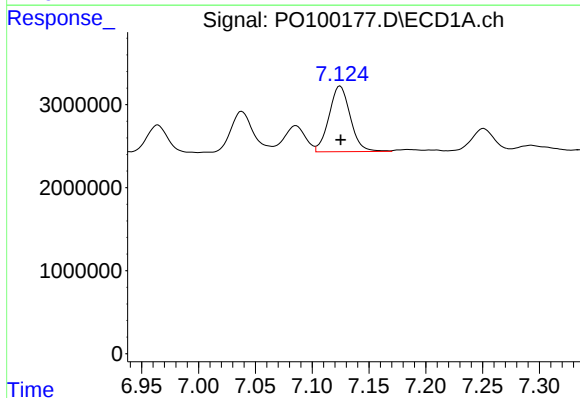
R.T.: 6.757 min
Delta R.T.: 0.002 min
Response: 19096477
Conc: 278.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



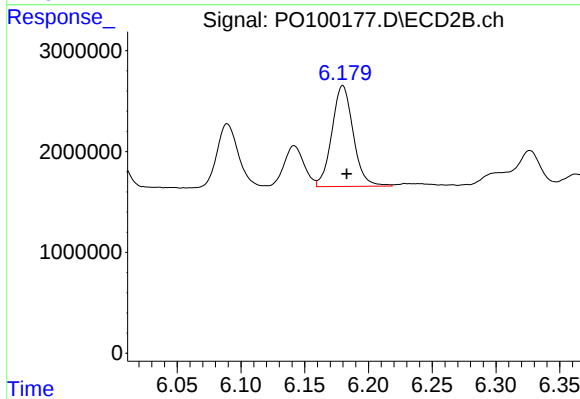
#27 AR-1254-2

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 7037293
Conc: 151.12 ng/ml



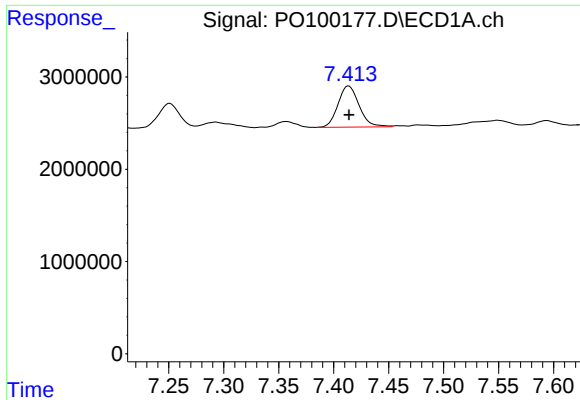
#28 AR-1254-3

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 10315745
Conc: 161.92 ng/ml



#28 AR-1254-3

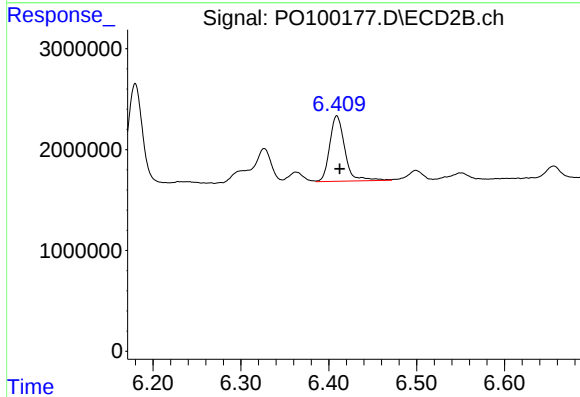
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 11670557
Conc: 149.64 ng/ml



#29 AR-1254-4

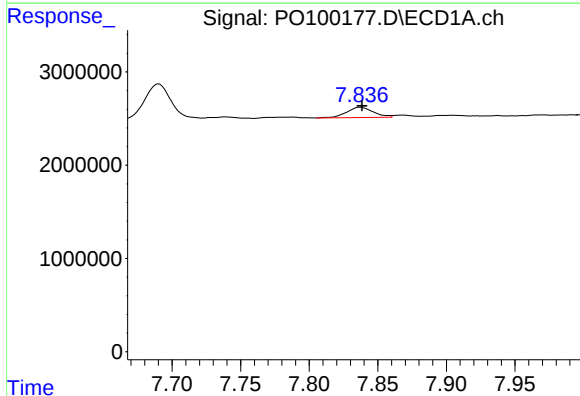
R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 5939086
Conc: 157.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



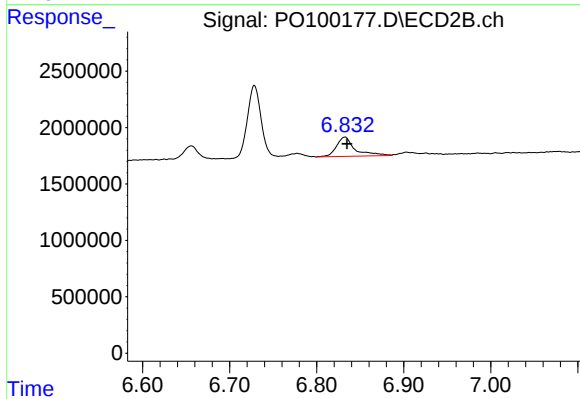
#29 AR-1254-4

R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 7757071
Conc: 181.76 ng/ml



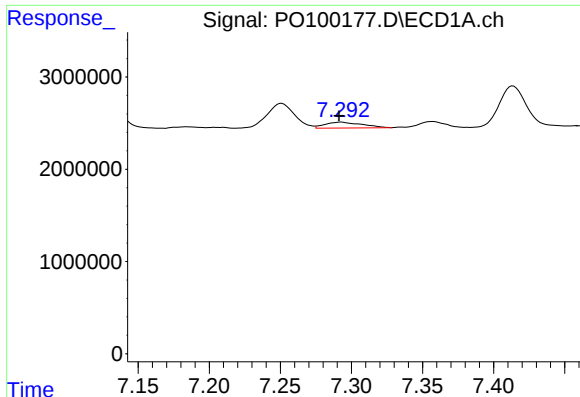
#30 AR-1254-5

R.T.: 7.837 min
Delta R.T.: -0.001 min
Response: 1493264
Conc: 34.89 ng/ml



#30 AR-1254-5

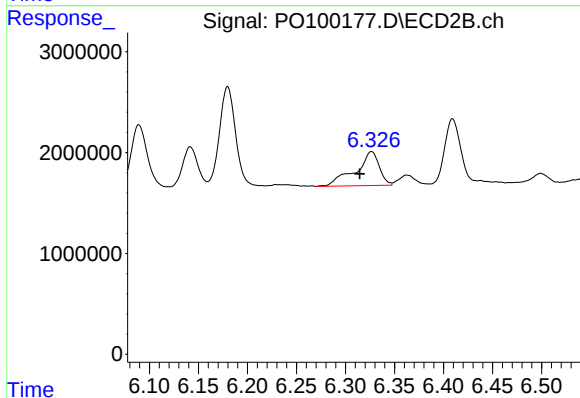
R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 2536498
Conc: 35.05 ng/ml



#31 AR-1260-1

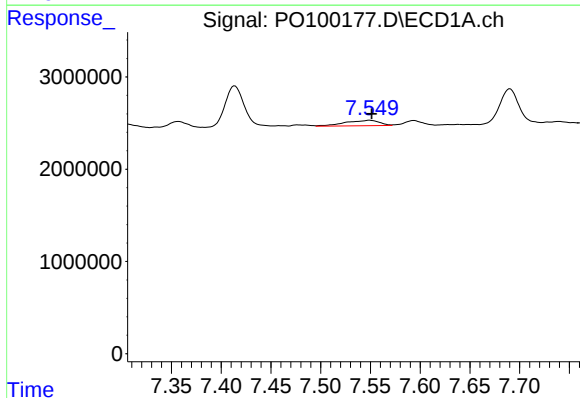
R.T.: 7.293 min
Delta R.T.: 0.002 min
Response: 1161338
Conc: 21.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



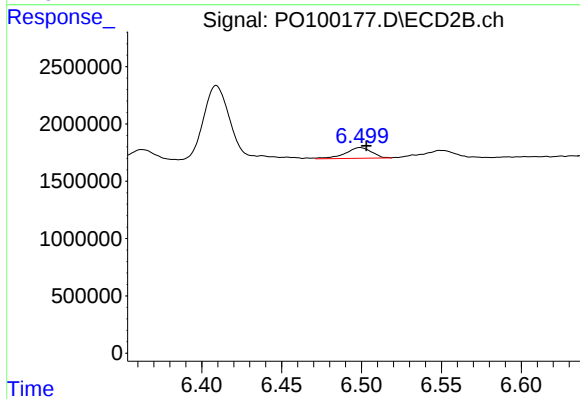
#31 AR-1260-1

R.T.: 6.327 min
Delta R.T.: 0.012 min
Response: 5732510
Conc: 99.21 ng/ml



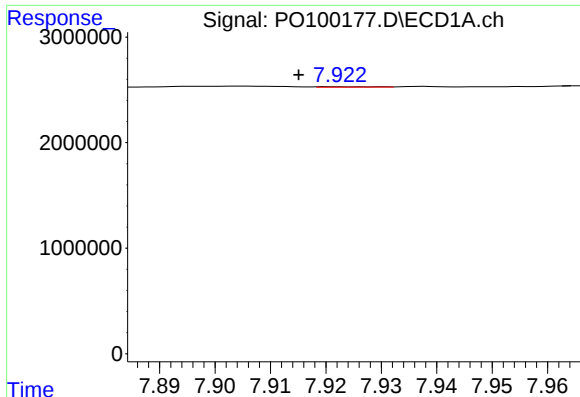
#32 AR-1260-2

R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 1427211
Conc: 26.98 ng/ml



#32 AR-1260-2

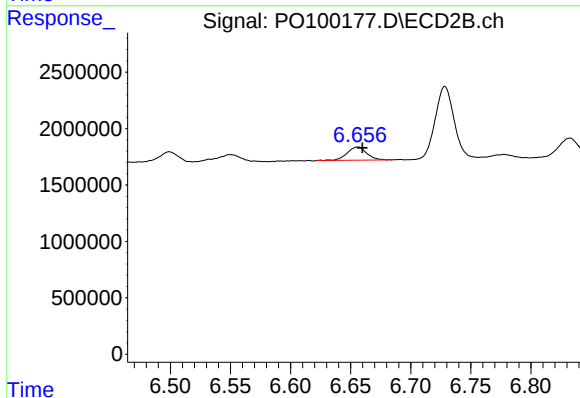
R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 1075830
Conc: 16.20 ng/ml



#33 AR-1260-3

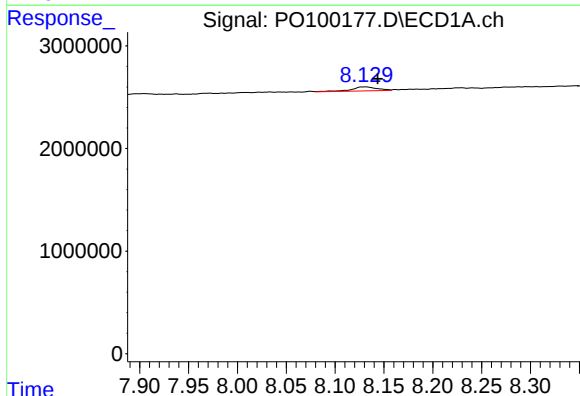
R.T.: 7.922 min
Delta R.T.: 0.007 min
Response: 31809
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



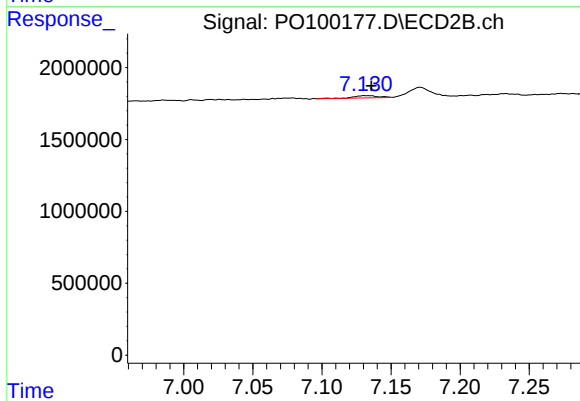
#33 AR-1260-3

R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 1310834
Conc: 20.49 ng/ml



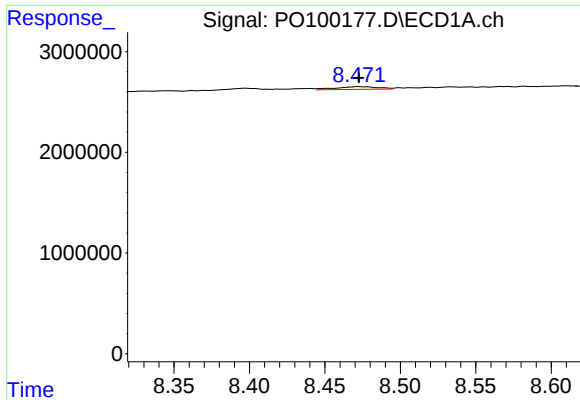
#34 AR-1260-4

R.T.: 8.130 min
Delta R.T.: -0.013 min
Response: 743963
Conc: 17.98 ng/ml



#34 AR-1260-4

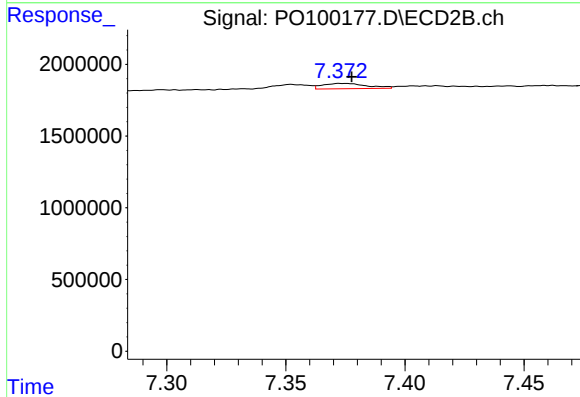
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 207337
Conc: 4.11 ng/ml



#35 AR-1260-5

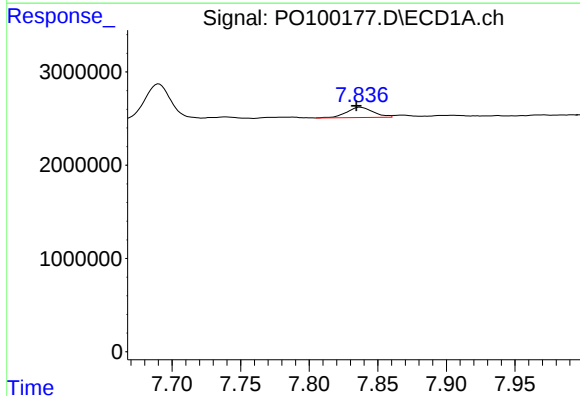
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 523671
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



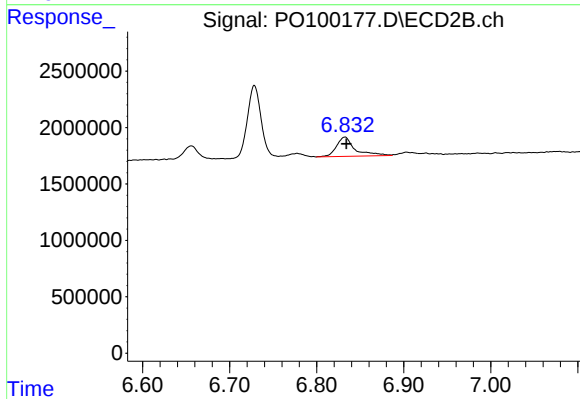
#35 AR-1260-5

R.T.: 7.374 min
Delta R.T.: -0.004 min
Response: 483523
Conc: 4.31 ng/ml



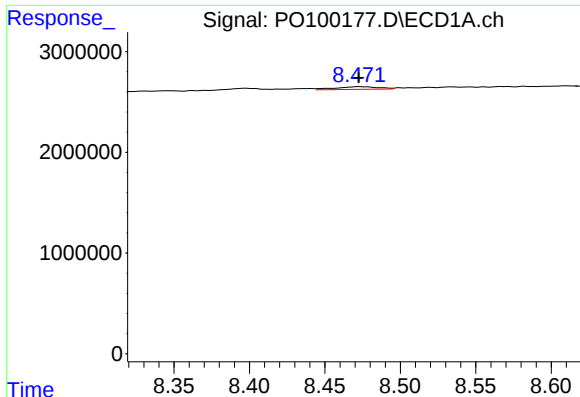
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: 0.003 min
Response: 1493264
Conc: 41.28 ng/ml



#36 AR-1262-1

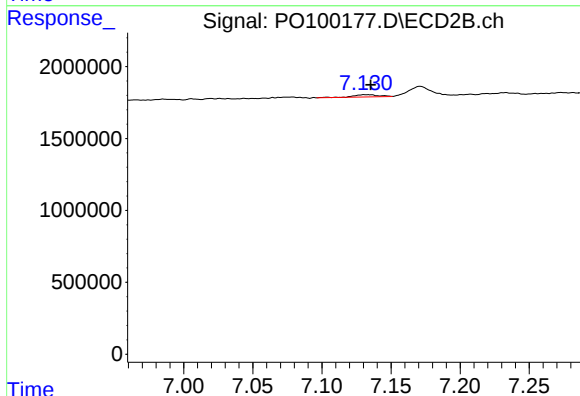
R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 2536498
Conc: 66.36 ng/ml



#37 AR-1262-2

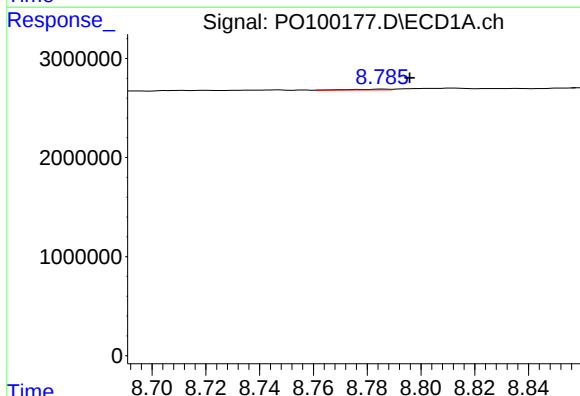
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 523671
Conc: 6.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



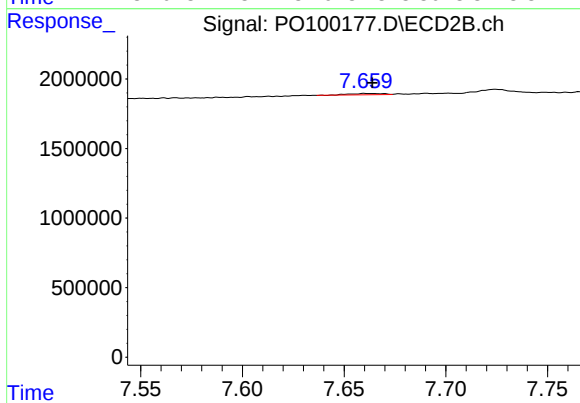
#37 AR-1262-2

R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 207337
Conc: 2.75 ng/ml



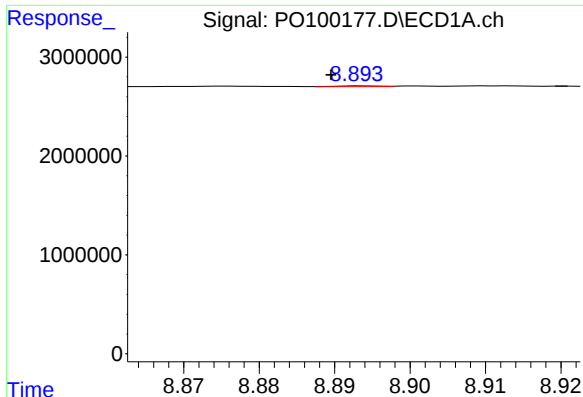
#38 AR-1262-3

R.T.: 8.786 min
Delta R.T.: -0.010 min
Response: 72594
Conc: 1.21 ng/ml



#38 AR-1262-3

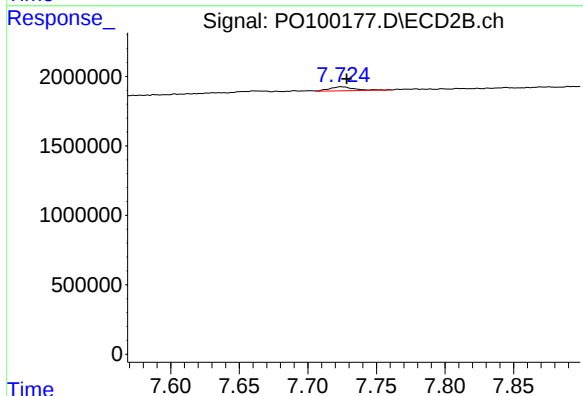
R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 107779
Conc: 1.85 ng/ml



#39 AR-1262-4

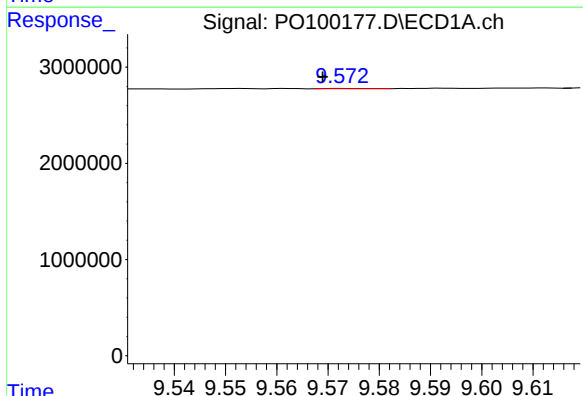
R.T.: 8.894 min
Delta R.T.: 0.004 min
Response: 35380
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



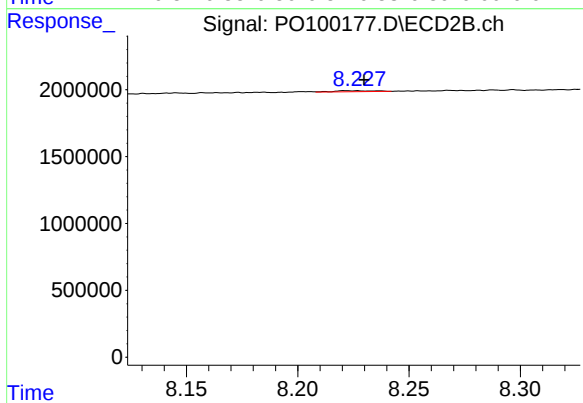
#39 AR-1262-4

R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 371837
Conc: 3.62 ng/ml



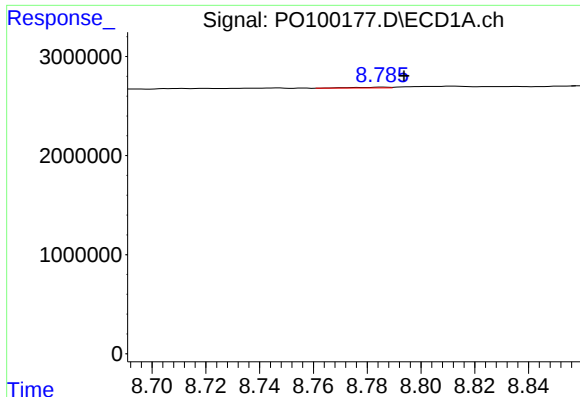
#40 AR-1262-5

R.T.: 9.573 min
Delta R.T.: 0.004 min
Response: 16811
Conc: 0.64 ng/ml



#40 AR-1262-5

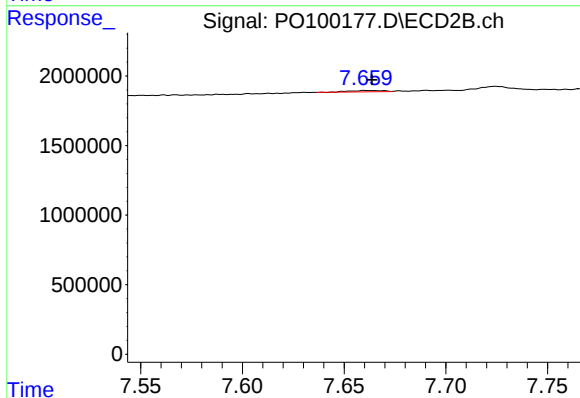
R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 97687
Conc: 2.24 ng/ml



#41 AR-1268-1

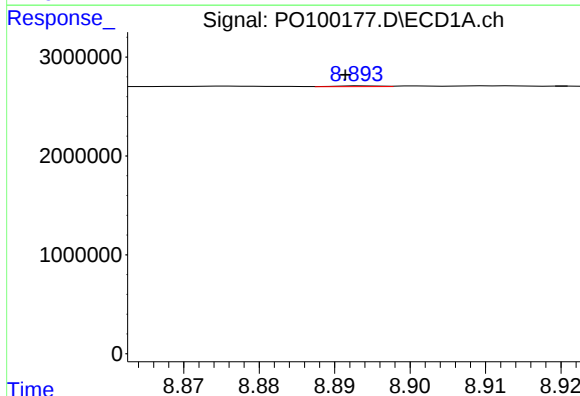
R.T.: 8.786 min
Delta R.T.: -0.008 min
Response: 72594
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



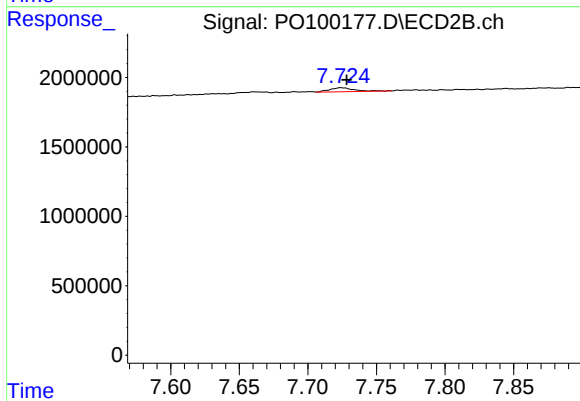
#41 AR-1268-1

R.T.: 7.661 min
Delta R.T.: -0.003 min
Response: 107779
Conc: 0.65 ng/ml



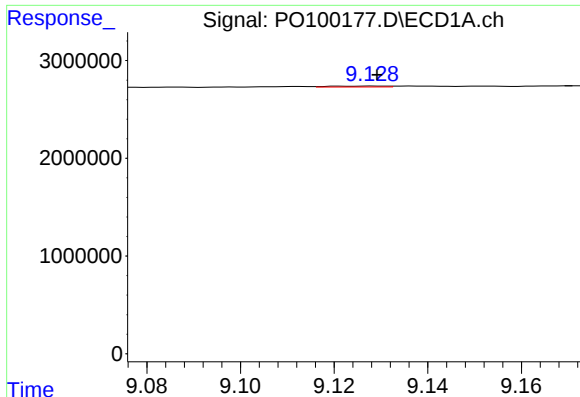
#42 AR-1268-2

R.T.: 8.894 min
Delta R.T.: 0.002 min
Response: 35380
Conc: 0.37 ng/ml



#42 AR-1268-2

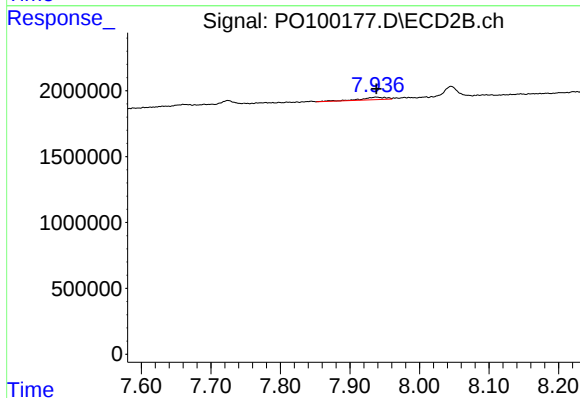
R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 371837
Conc: 2.44 ng/ml



#43 AR-1268-3

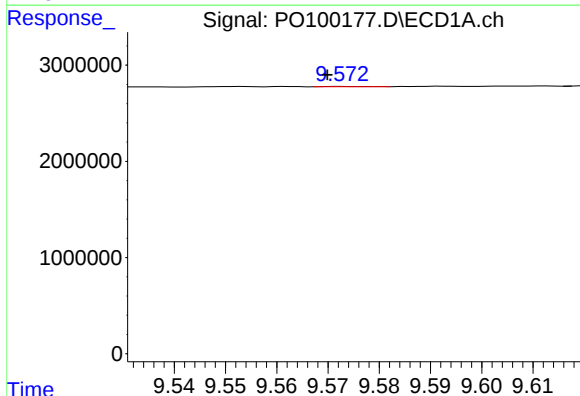
R.T.: 9.129 min
Delta R.T.: 0.000 min
Response: 72726
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



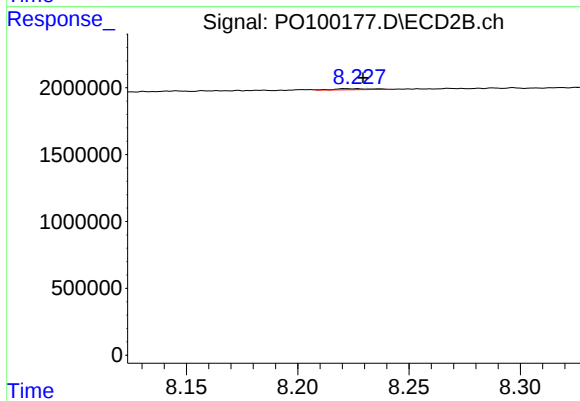
#43 AR-1268-3

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 459266
Conc: 3.20 ng/ml



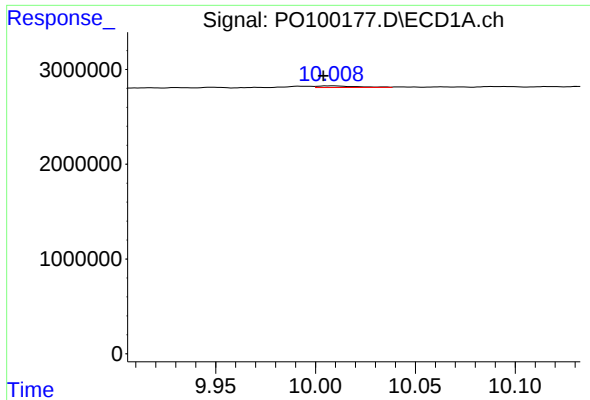
#44 AR-1268-4

R.T.: 9.573 min
Delta R.T.: 0.003 min
Response: 16811
Conc: 0.59 ng/ml



#44 AR-1268-4

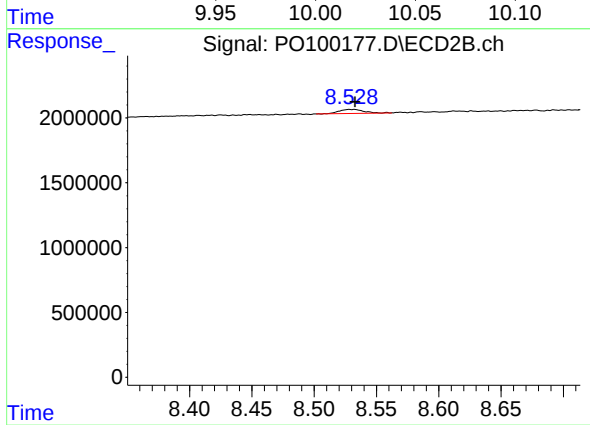
R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 97687
Conc: 2.08 ng/ml



#45 AR-1268-5

R.T.: 10.009 min
Delta R.T.: 0.005 min
Response: 219342
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 444024
Conc: 1.12 ng/ml