

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112923\
 Data File : PO100147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 17:18
 Operator : YP/AJ
 Sample : 05557-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:14:27 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...	4.480	3.704	29254933	25198874	17.140	16.800
2)	SA Decachlor...	10.361	8.799	12888736	17083850	17.745	15.267
Target Compounds							
3)	L1 AR-1016-1	5.671	4.802	2159612	1772519	50.193	56.135
4)	L1 AR-1016-2	5.694	4.826	823426	607288	12.719	14.045
5)	L1 AR-1016-3	5.751	5.020	1187996	541299	27.256	23.341
6)	L1 AR-1016-4	5.853	5.049	1084831	797884	32.864	38.919
7)	L1 AR-1016-5	6.148	5.257	2214845	487776	70.540	19.127 #
8)	L2 AR-1221-1	4.690	3.927	2594969	301457	125.876	15.858 #
9)	L2 AR-1221-2	4.792	3.991	385128	3095709	25.498	237.559 #
10)	L2 AR-1221-3	4.871	4.086	692020	51396	15.421	1.431 #
11)	L3 AR-1232-1	4.871	4.086	692020	51396	19.395	1.751 #
12)	L3 AR-1232-2	5.403	4.826	3467495	607288	199.228	30.623 #
13)	L3 AR-1232-3	5.694	5.020	823426	541299	29.058	52.232 #
14)	L3 AR-1232-4	5.853	5.118	1084831	960670	78.092	96.648
15)	L3 AR-1232-5	5.947	5.257	824552	487776	67.188	45.164 #
16)	L4 AR-1242-1	5.671	4.802	2159612	1772519	62.339	67.445
17)	L4 AR-1242-2	5.694	4.826	823426	607288	15.692	17.271
18)	L4 AR-1242-3	5.751	5.020	1187996	541299	34.134	28.266
19)	L4 AR-1242-4	5.853	5.118	1084831	960670	41.263	47.695
20)	L4 AR-1242-5	6.614	5.624	9066870	5003221	405.514	214.126 #
21)	L5 AR-1248-1	5.671	4.802	2159612	1772519	83.535	88.663
22)	L5 AR-1248-2	5.947	5.049	824552	797884	20.162	28.515 #
23)	L5 AR-1248-3	6.148	5.118	2214845	960670	51.709	33.267 #
24)	L5 AR-1248-4	6.533	5.257	1066740	487776	28.302	14.876 #
25)	L5 AR-1248-5	6.614	5.676	9066870	2638174	245.496	88.317 #
26)	L6 AR-1254-1	6.533	5.624	1066740	5003221	22.153	96.518 #
27)	L6 AR-1254-2	6.755	5.773	4483850	8528283	65.381	183.137 #
28)	L6 AR-1254-3	7.127	6.181	8597488	15734094	134.953	201.743 #
29)	L6 AR-1254-4	7.415	6.411	6531931	6871778	172.785	161.019
30)	L6 AR-1254-5	7.839	6.833	30330086	37789753	708.609	522.224 #
31)	L7 AR-1260-1	7.293	6.313	10462449	11534353	196.499	199.611
32)	L7 AR-1260-2	7.552	6.502	14515239	25333429	274.405	381.432 #
33)	L7 AR-1260-3	7.915	6.657	3770463	7963299	105.704	124.451
34)	L7 AR-1260-4	8.132	7.133	11261501	5061068	272.095	100.365 #
35)	L7 AR-1260-5	8.475	7.376	6826403	11454426	102.192	102.178
36)	L8 AR-1262-1	7.839	6.833	30330086	37789753	838.501	988.713
37)	L8 AR-1262-2	8.475	7.133	6826403	5061068	80.400	67.096
38)	L8 AR-1262-3	8.811	7.662	4941839	3237218	82.039	55.580 #
39)	L8 AR-1262-4	8.891	7.726	2157111	13098513	44.743	127.439 #
40)	L8 AR-1262-5	9.572	8.228	1338512	2826133	51.269	64.859 #
41)	L9 AR-1268-1	8.811	7.662	4941839	3237218	44.770	19.490 #

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Acq On : 29 Nov 2023 17:18
Operator : YP/AJ
Sample : 05557-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

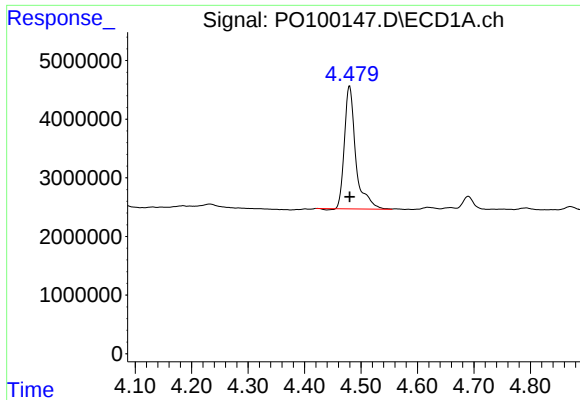
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 29 20:14:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 21 15:58:40 2023
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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	8.891	7.726	2157111	13098513	22.407	85.812 #
43)	L9 AR-1268-3	9.129	7.937	799946	6084850	8.870	42.460 #
44)	L9 AR-1268-4	9.572	8.228	1338512	2826133	47.070	60.149 #
45)	L9 AR-1268-5	10.005	8.531	2948046	4033760	11.719	10.131

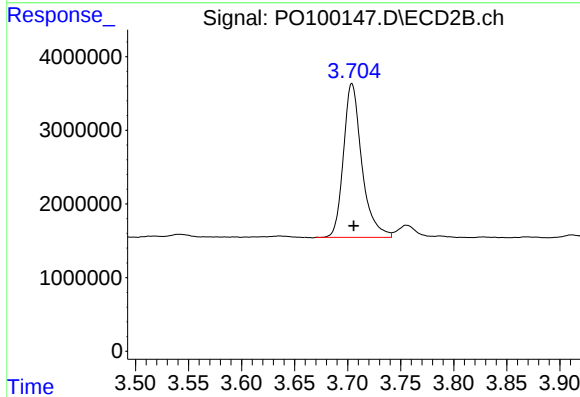
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

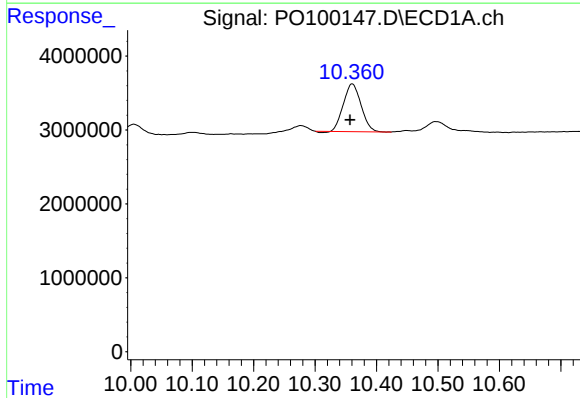
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 29254933
Conc: 17.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



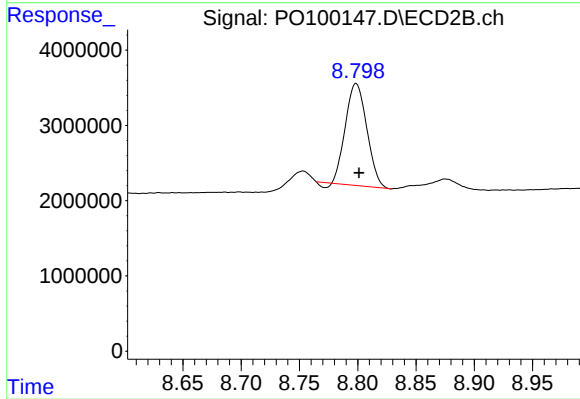
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 25198874
Conc: 16.80 ng/ml



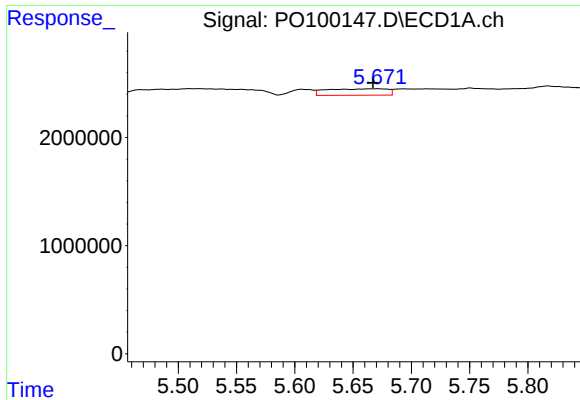
#2 Decachlorobiphenyl

R.T.: 10.361 min
Delta R.T.: 0.004 min
Response: 12888736
Conc: 17.74 ng/ml



#2 Decachlorobiphenyl

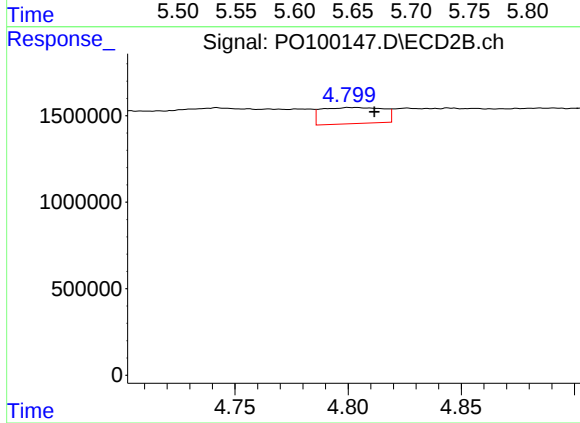
R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 17083850
Conc: 15.27 ng/ml



#3 AR-1016-1

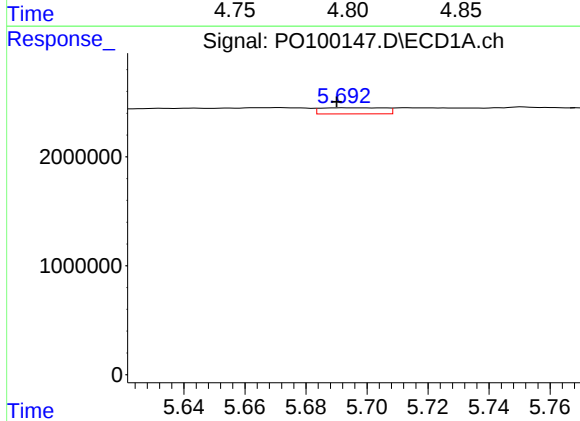
R.T.: 5.671 min
Delta R.T.: 0.004 min
Response: 2159612
Conc: 50.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



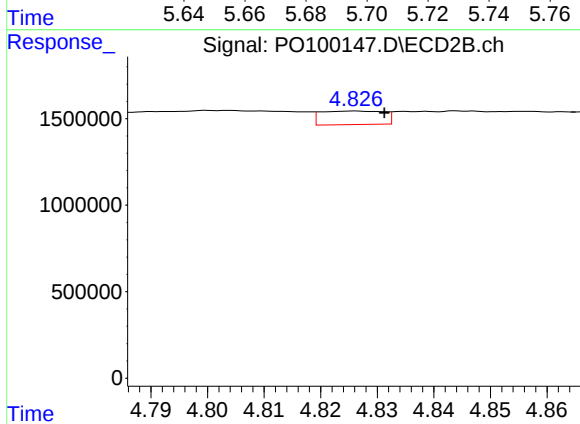
#3 AR-1016-1

R.T.: 4.802 min
Delta R.T.: -0.010 min
Response: 1772519
Conc: 56.13 ng/ml



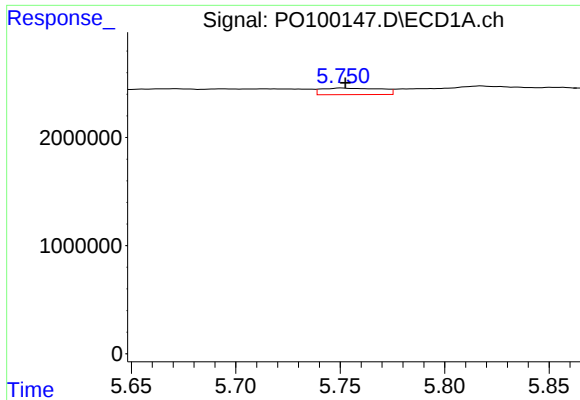
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.004 min
Response: 823426
Conc: 12.72 ng/ml



#4 AR-1016-2

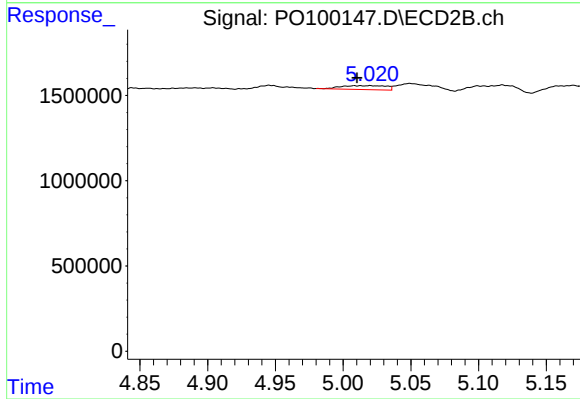
R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 607288
Conc: 14.05 ng/ml



#5 AR-1016-3

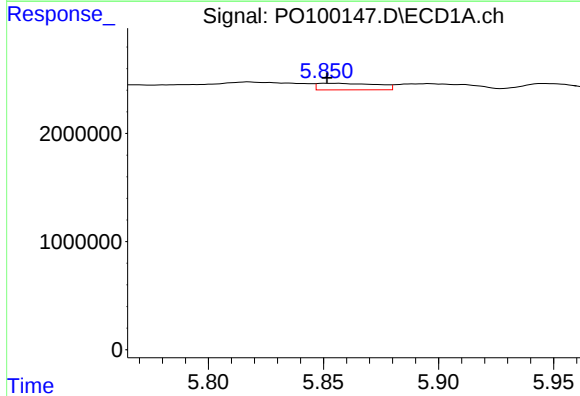
R.T.: 5.751 min
Delta R.T.: -0.001 min
Response: 1187996
Conc: 27.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



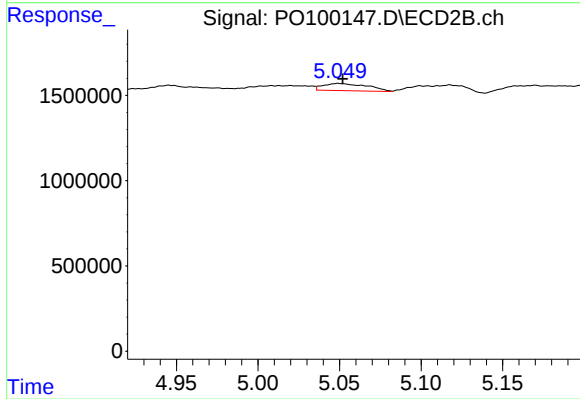
#5 AR-1016-3

R.T.: 5.020 min
Delta R.T.: 0.010 min
Response: 541299
Conc: 23.34 ng/ml



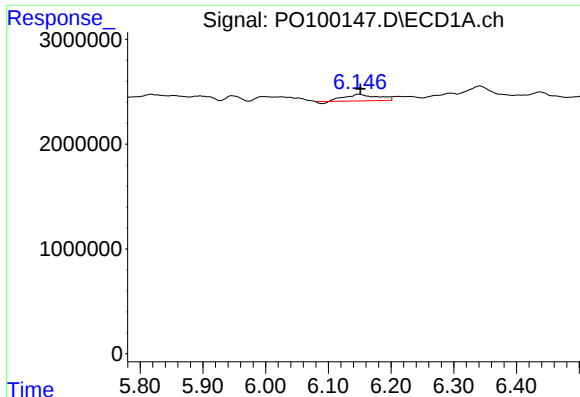
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: 0.002 min
Response: 1084831
Conc: 32.86 ng/ml



#6 AR-1016-4

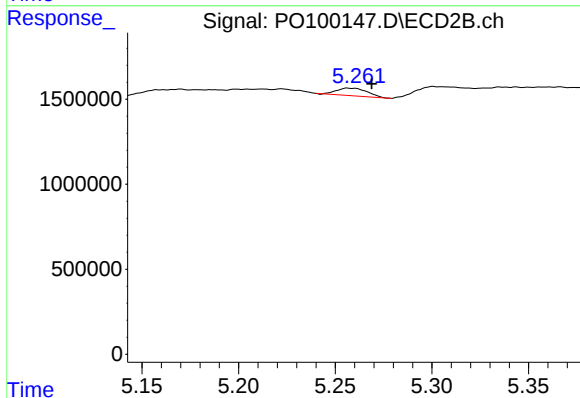
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 797884
Conc: 38.92 ng/ml



#7 AR-1016-5

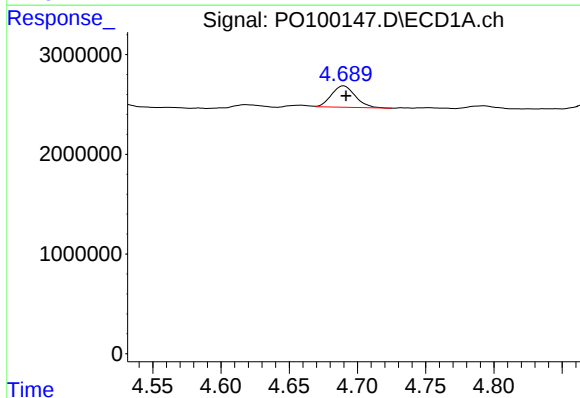
R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 2214845
Conc: 70.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



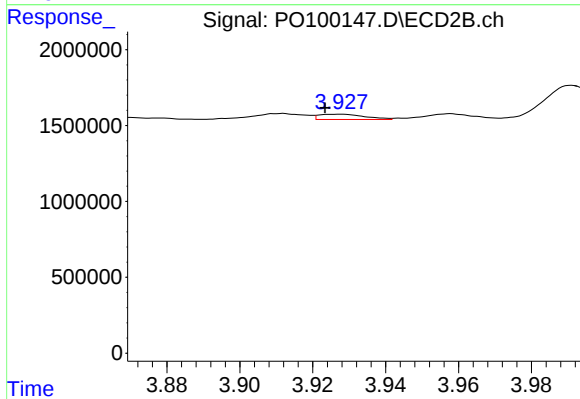
#7 AR-1016-5

R.T.: 5.257 min
Delta R.T.: -0.012 min
Response: 487776
Conc: 19.13 ng/ml



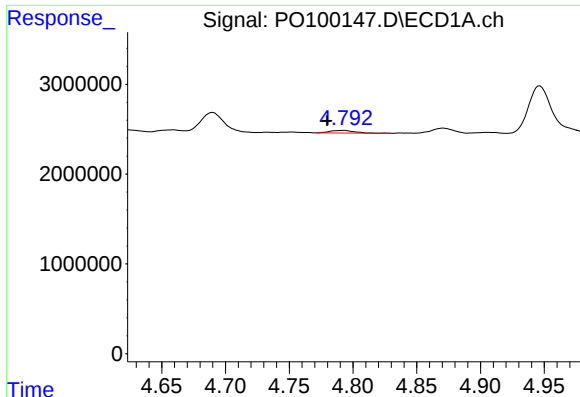
#8 AR-1221-1

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 2594969
Conc: 125.88 ng/ml



#8 AR-1221-1

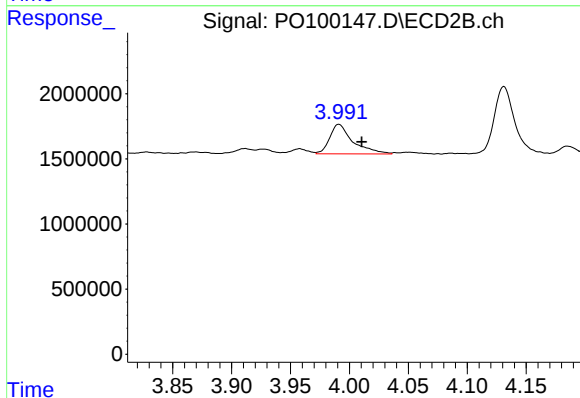
R.T.: 3.927 min
Delta R.T.: 0.004 min
Response: 301457
Conc: 15.86 ng/ml



#9 AR-1221-2

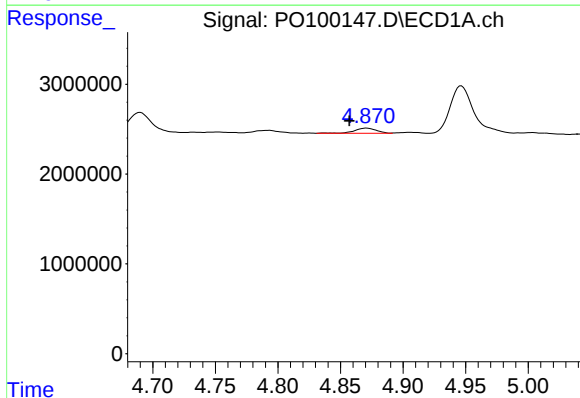
R.T.: 4.792 min
Delta R.T.: 0.012 min
Response: 385128
Conc: 25.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



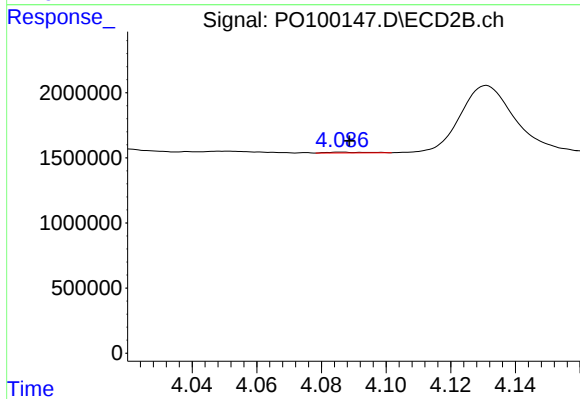
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: -0.020 min
Response: 3095709
Conc: 237.56 ng/ml



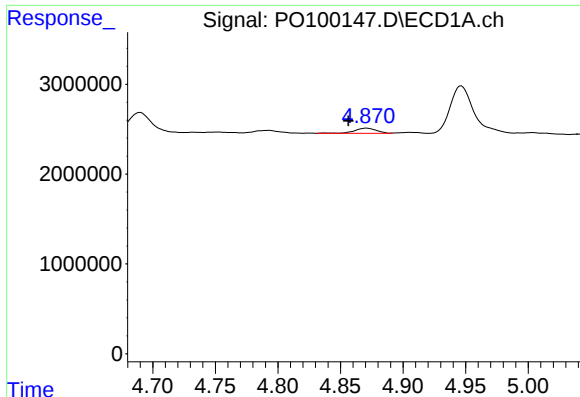
#10 AR-1221-3

R.T.: 4.871 min
Delta R.T.: 0.014 min
Response: 692020
Conc: 15.42 ng/ml



#10 AR-1221-3

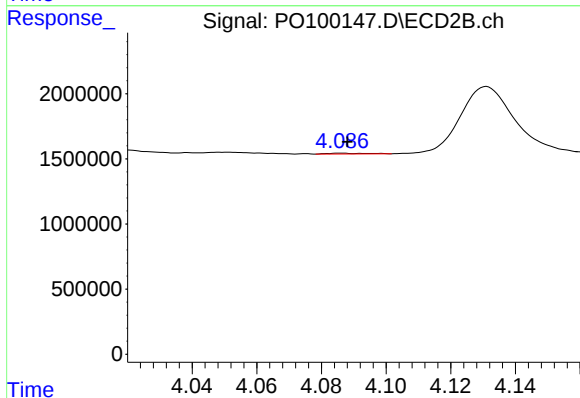
R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 51396
Conc: 1.43 ng/ml



#11 AR-1232-1

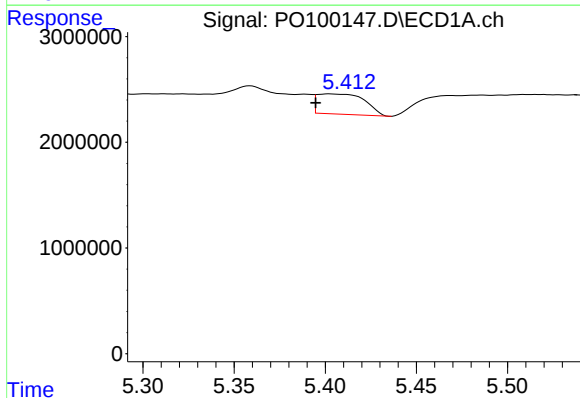
R.T.: 4.871 min
Delta R.T.: 0.014 min
Response: 692020
Conc: 19.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



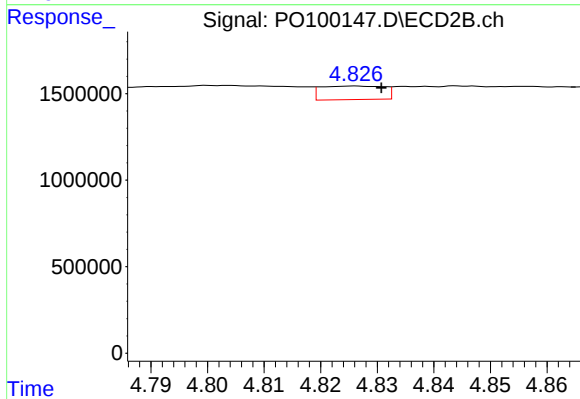
#11 AR-1232-1

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 51396
Conc: 1.75 ng/ml



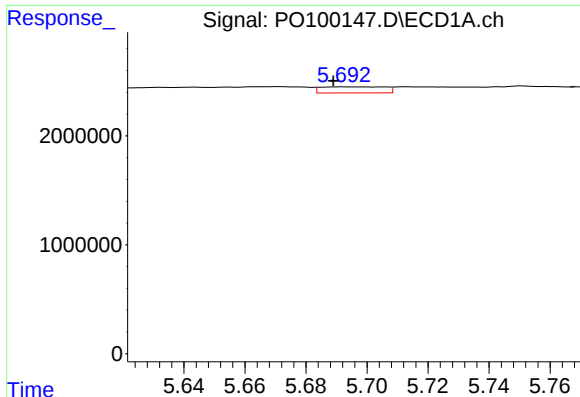
#12 AR-1232-2

R.T.: 5.403 min
Delta R.T.: 0.008 min
Response: 3467495
Conc: 199.23 ng/ml



#12 AR-1232-2

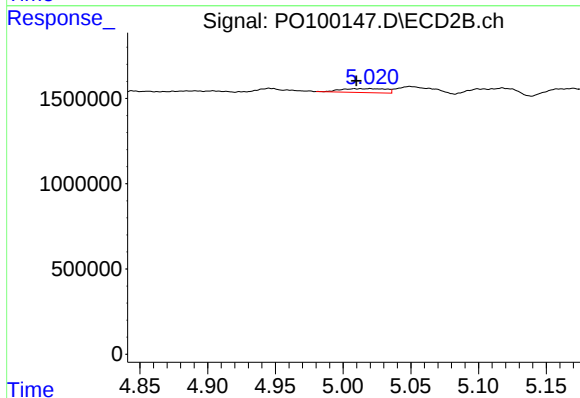
R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 607288
Conc: 30.62 ng/ml



#13 AR-1232-3

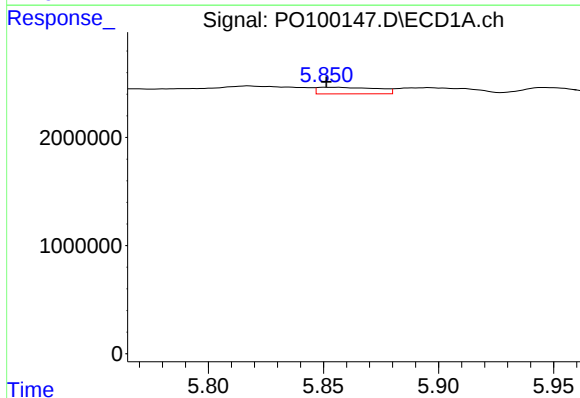
R.T.: 5.694 min
Delta R.T.: 0.005 min
Response: 823426
Conc: 29.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



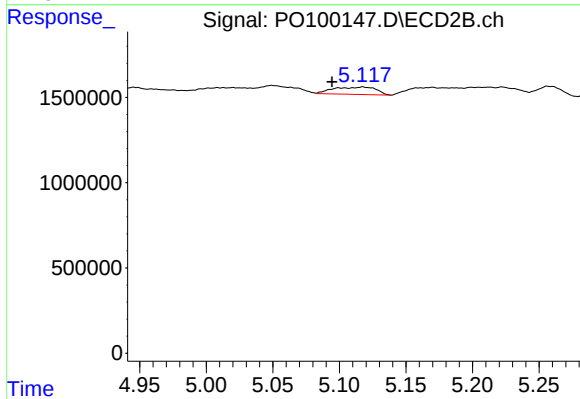
#13 AR-1232-3

R.T.: 5.020 min
Delta R.T.: 0.010 min
Response: 541299
Conc: 52.23 ng/ml



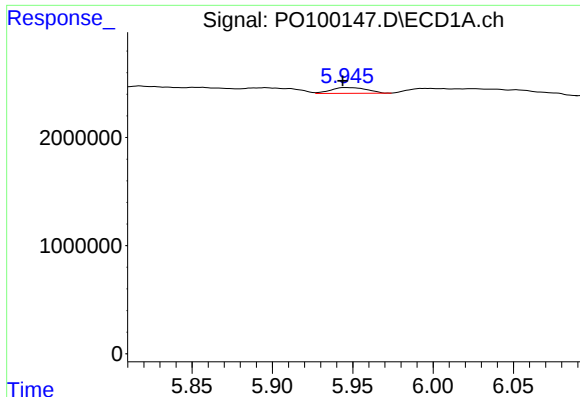
#14 AR-1232-4

R.T.: 5.853 min
Delta R.T.: 0.002 min
Response: 1084831
Conc: 78.09 ng/ml



#14 AR-1232-4

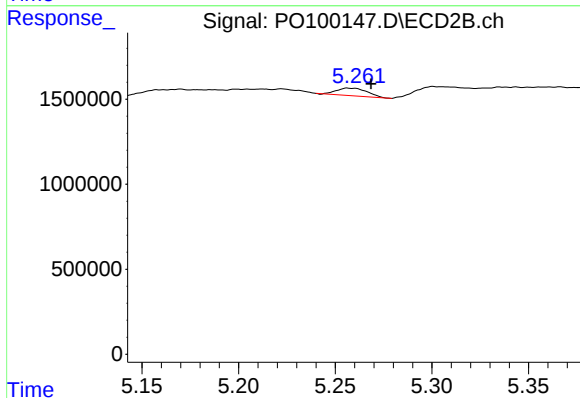
R.T.: 5.118 min
Delta R.T.: 0.023 min
Response: 960670
Conc: 96.65 ng/ml



#15 AR-1232-5

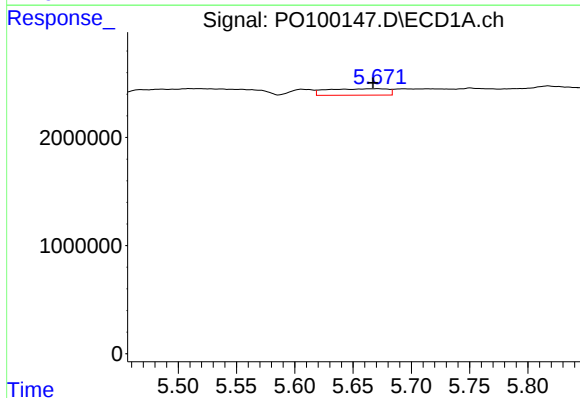
R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 824552
Conc: 67.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



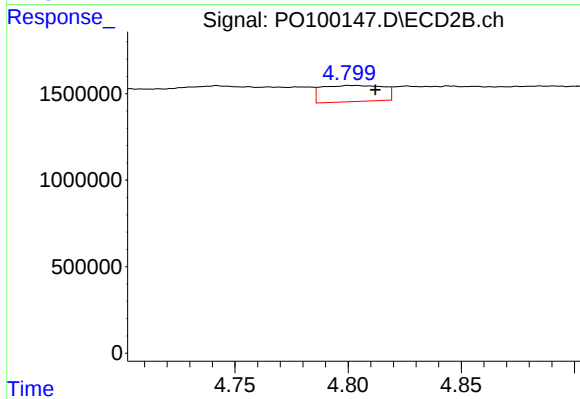
#15 AR-1232-5

R.T.: 5.257 min
Delta R.T.: -0.012 min
Response: 487776
Conc: 45.16 ng/ml



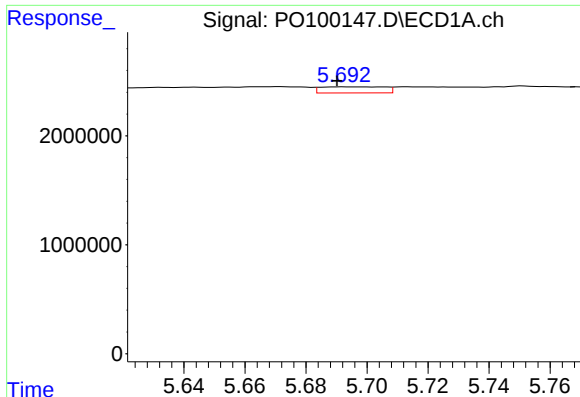
#16 AR-1242-1

R.T.: 5.671 min
Delta R.T.: 0.004 min
Response: 2159612
Conc: 62.34 ng/ml



#16 AR-1242-1

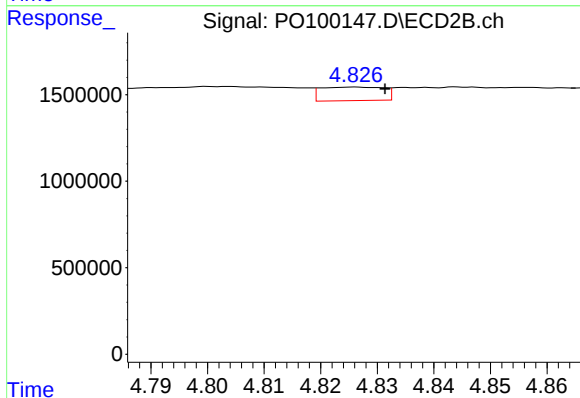
R.T.: 4.802 min
Delta R.T.: -0.010 min
Response: 1772519
Conc: 67.44 ng/ml



#17 AR-1242-2

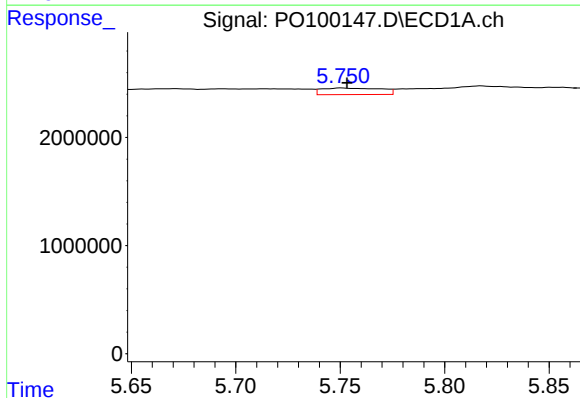
R.T.: 5.694 min
Delta R.T.: 0.003 min
Response: 823426
Conc: 15.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



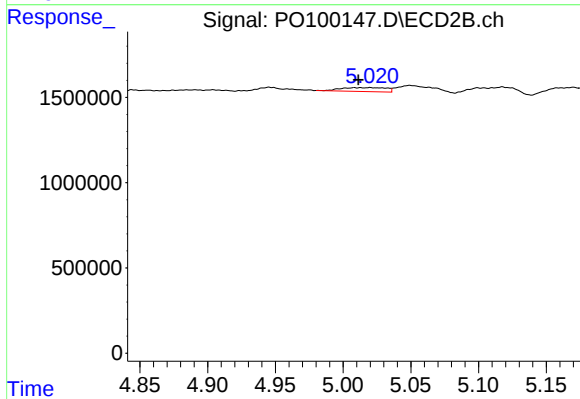
#17 AR-1242-2

R.T.: 4.826 min
Delta R.T.: -0.005 min
Response: 607288
Conc: 17.27 ng/ml



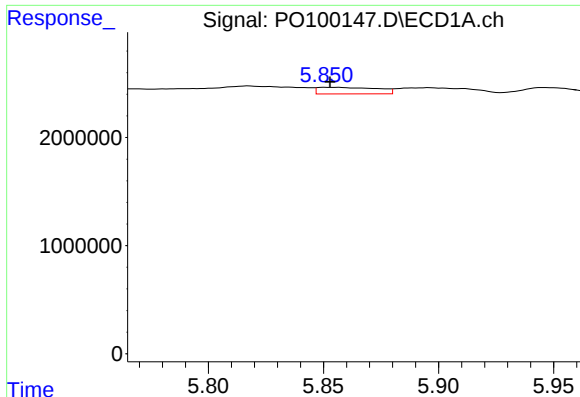
#18 AR-1242-3

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 1187996
Conc: 34.13 ng/ml



#18 AR-1242-3

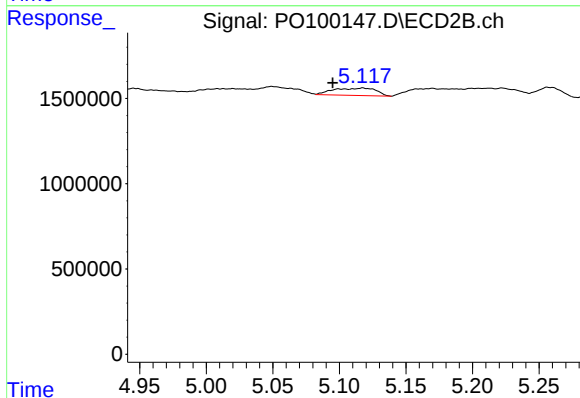
R.T.: 5.020 min
Delta R.T.: 0.009 min
Response: 541299
Conc: 28.27 ng/ml



#19 AR-1242-4

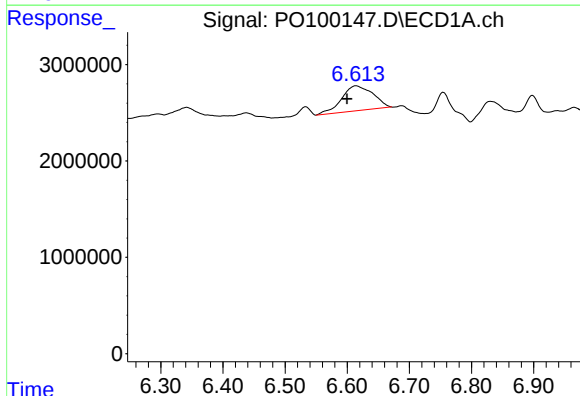
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 1084831
Conc: 41.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



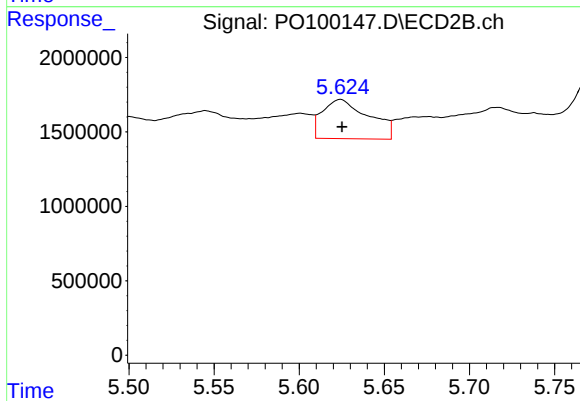
#19 AR-1242-4

R.T.: 5.118 min
Delta R.T.: 0.023 min
Response: 960670
Conc: 47.69 ng/ml



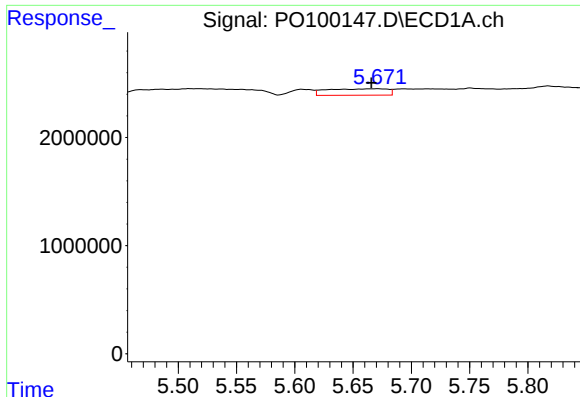
#20 AR-1242-5

R.T.: 6.614 min
Delta R.T.: 0.014 min
Response: 9066870
Conc: 405.51 ng/ml



#20 AR-1242-5

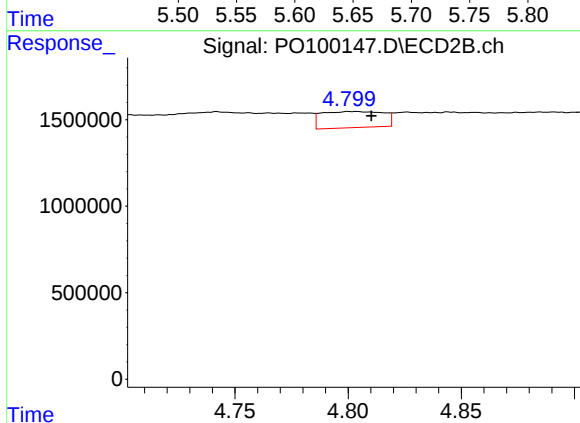
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 5003221
Conc: 214.13 ng/ml



#21 AR-1248-1

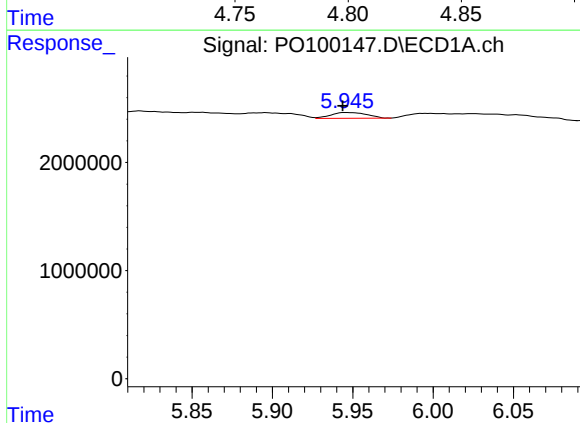
R.T.: 5.671 min
Delta R.T.: 0.005 min
Response: 2159612
Conc: 83.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



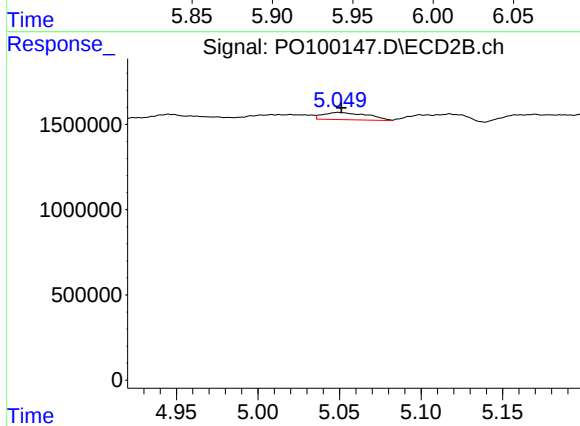
#21 AR-1248-1

R.T.: 4.802 min
Delta R.T.: -0.009 min
Response: 1772519
Conc: 88.66 ng/ml



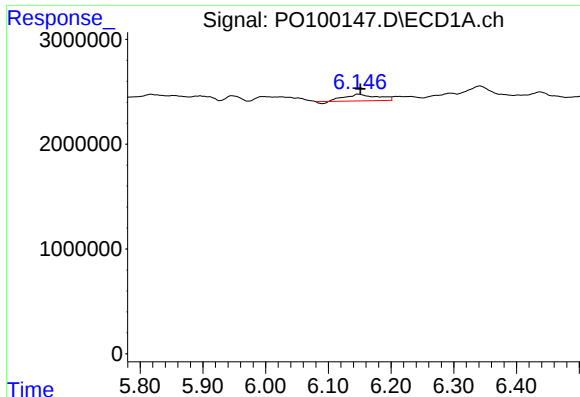
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: 0.003 min
Response: 824552
Conc: 20.16 ng/ml



#22 AR-1248-2

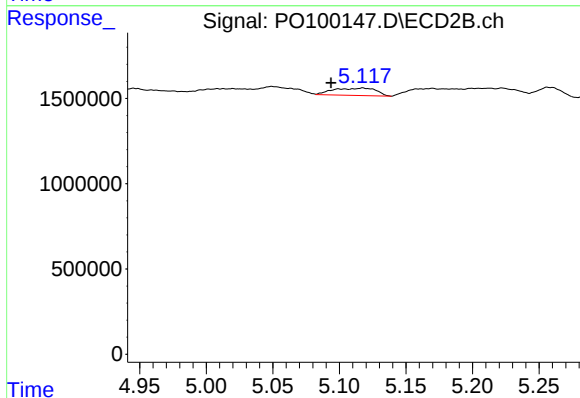
R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 797884
Conc: 28.52 ng/ml



#23 AR-1248-3

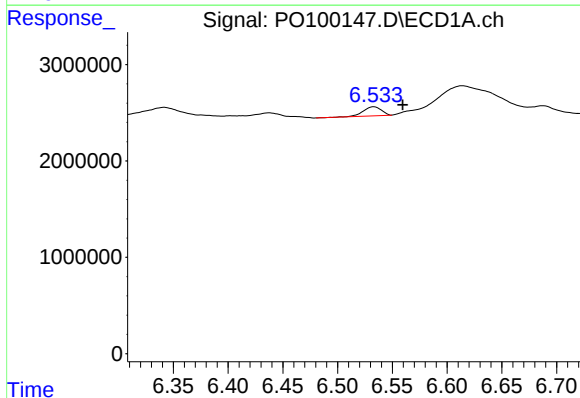
R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 2214845
Conc: 51.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



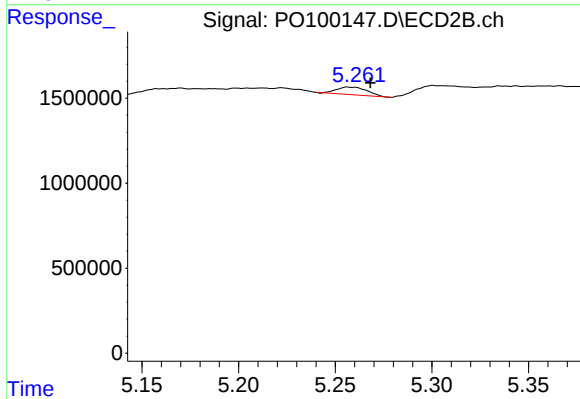
#23 AR-1248-3

R.T.: 5.118 min
Delta R.T.: 0.024 min
Response: 960670
Conc: 33.27 ng/ml



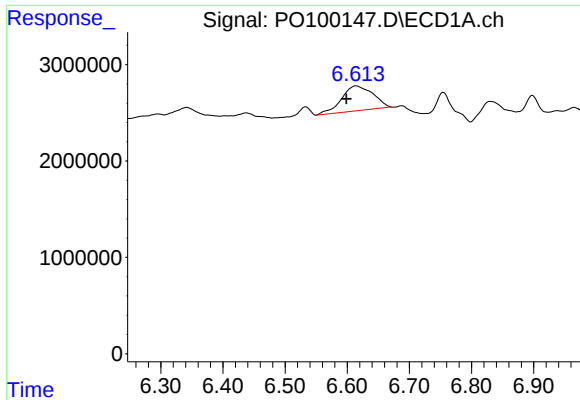
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: -0.026 min
Response: 1066740
Conc: 28.30 ng/ml



#24 AR-1248-4

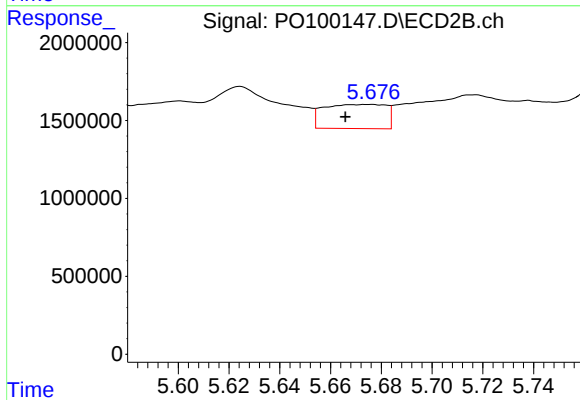
R.T.: 5.257 min
Delta R.T.: -0.011 min
Response: 487776
Conc: 14.88 ng/ml



#25 AR-1248-5

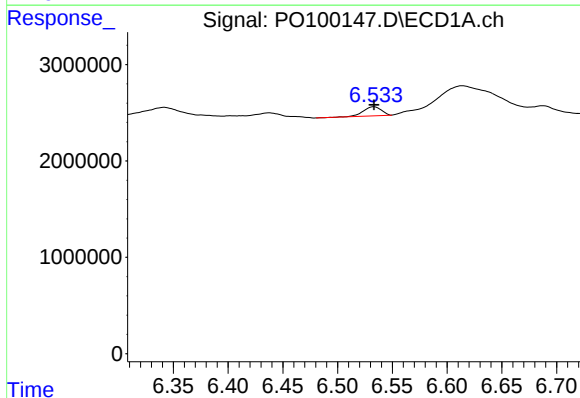
R.T.: 6.614 min
Delta R.T.: 0.016 min
Response: 9066870
Conc: 245.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



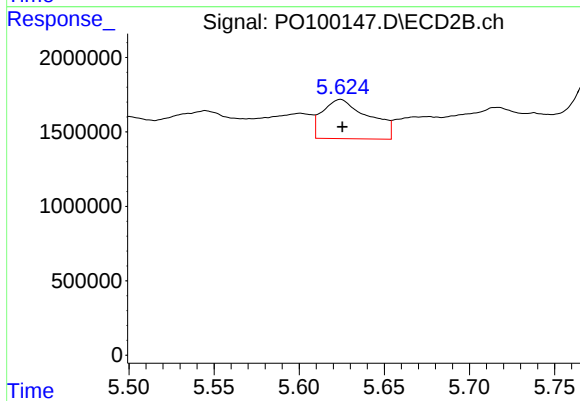
#25 AR-1248-5

R.T.: 5.676 min
Delta R.T.: 0.010 min
Response: 2638174
Conc: 88.32 ng/ml



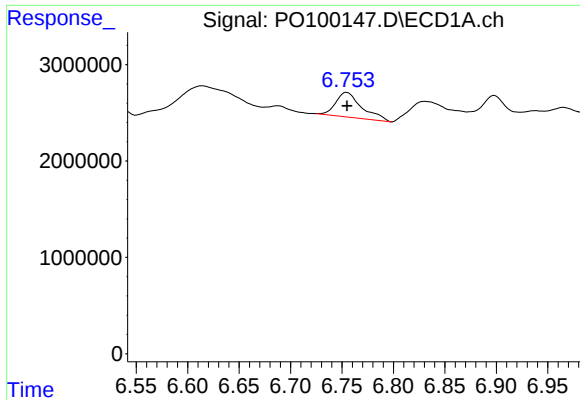
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 1066740
Conc: 22.15 ng/ml



#26 AR-1254-1

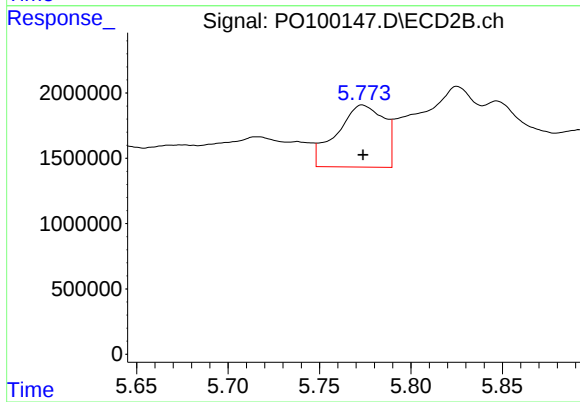
R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 5003221
Conc: 96.52 ng/ml



#27 AR-1254-2

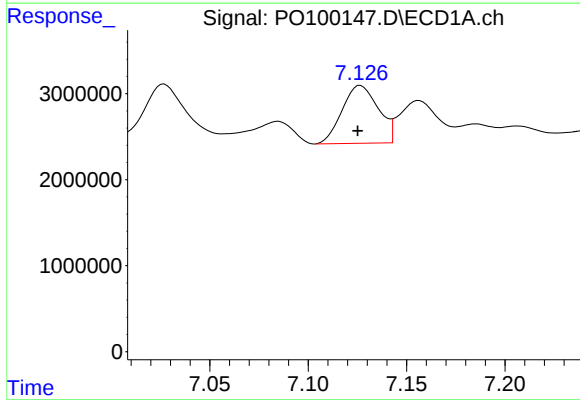
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 4483850
Conc: 65.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



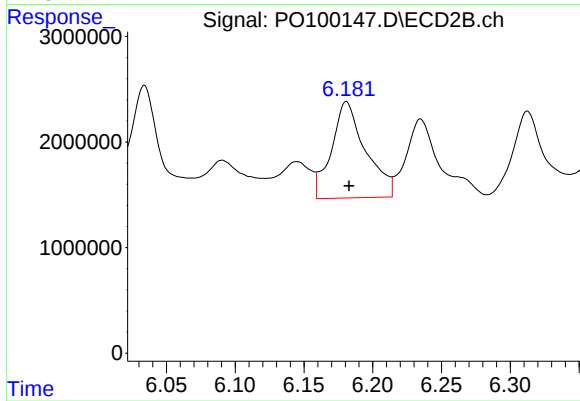
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 8528283
Conc: 183.14 ng/ml



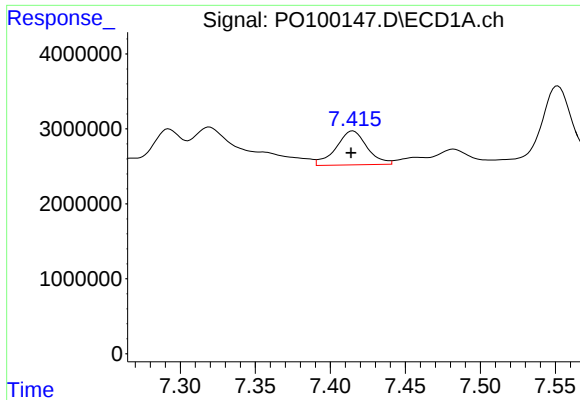
#28 AR-1254-3

R.T.: 7.127 min
Delta R.T.: 0.001 min
Response: 8597488
Conc: 134.95 ng/ml



#28 AR-1254-3

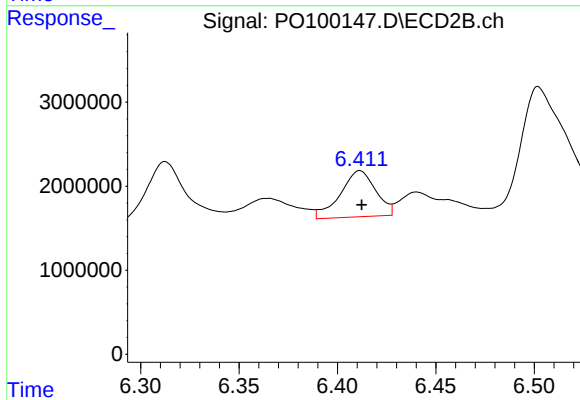
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 15734094
Conc: 201.74 ng/ml



#29 AR-1254-4

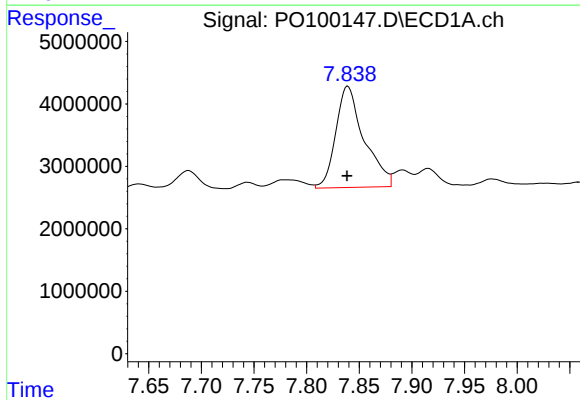
R.T.: 7.415 min
Delta R.T.: 0.001 min
Response: 6531931
Conc: 172.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



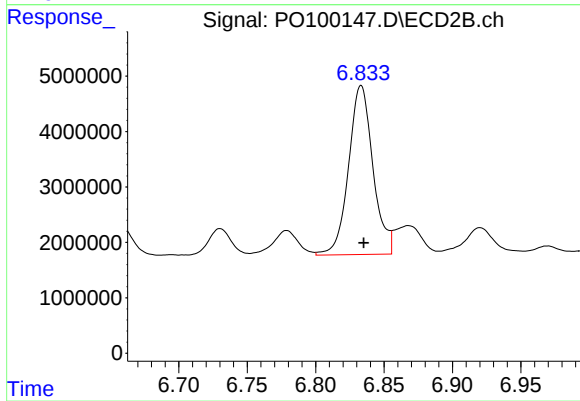
#29 AR-1254-4

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 6871778
Conc: 161.02 ng/ml



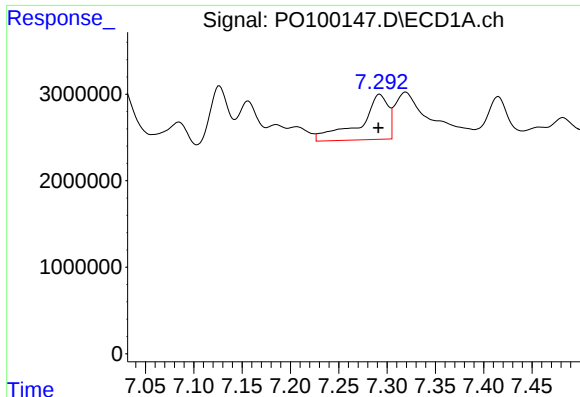
#30 AR-1254-5

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 30330086
Conc: 708.61 ng/ml



#30 AR-1254-5

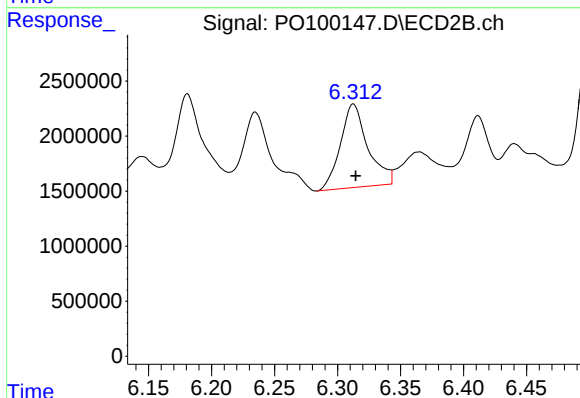
R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 37789753
Conc: 522.22 ng/ml



#31 AR-1260-1

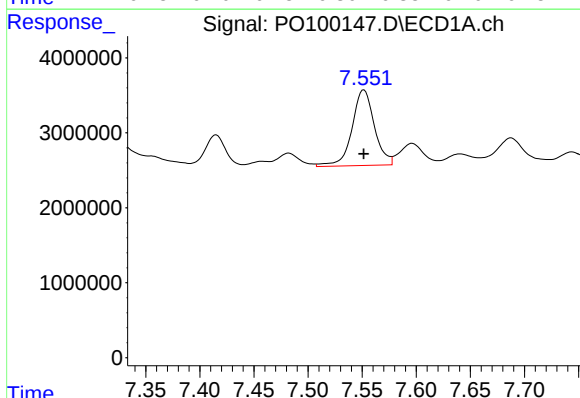
R.T.: 7.293 min
Delta R.T.: 0.001 min
Response: 10462449
Conc: 196.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



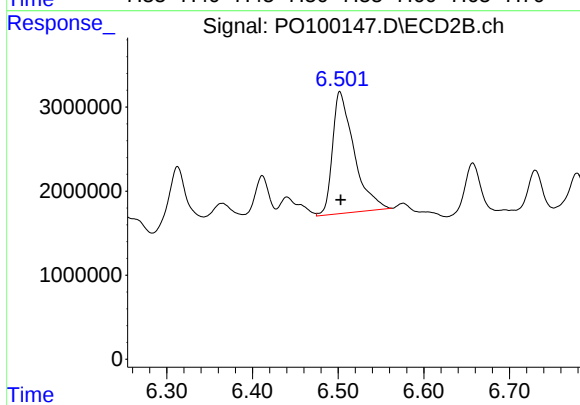
#31 AR-1260-1

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 11534353
Conc: 199.61 ng/ml



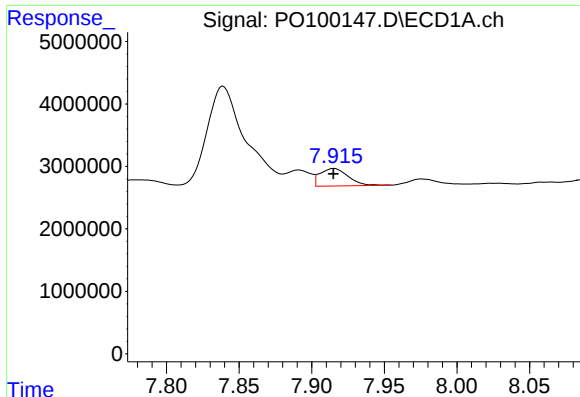
#32 AR-1260-2

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 14515239
Conc: 274.40 ng/ml



#32 AR-1260-2

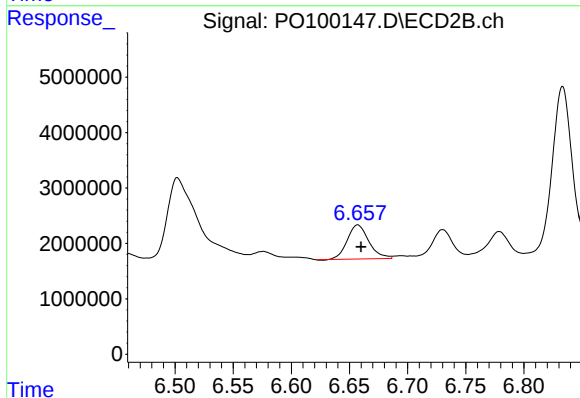
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 25333429
Conc: 381.43 ng/ml



#33 AR-1260-3

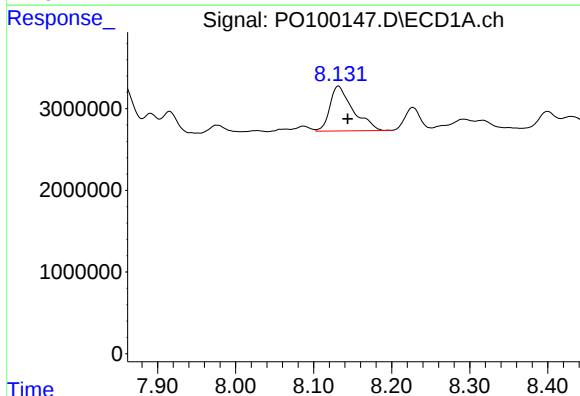
R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 3770463
Conc: 105.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



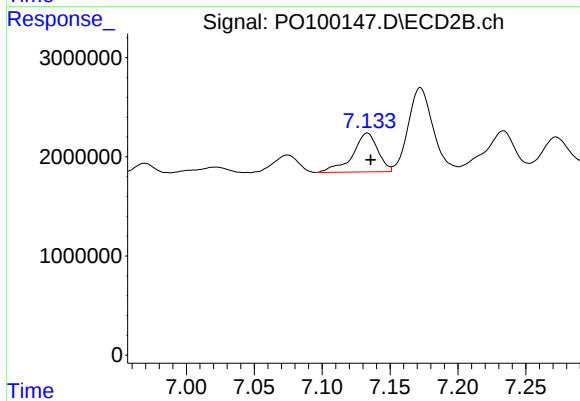
#33 AR-1260-3

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 7963299
Conc: 124.45 ng/ml



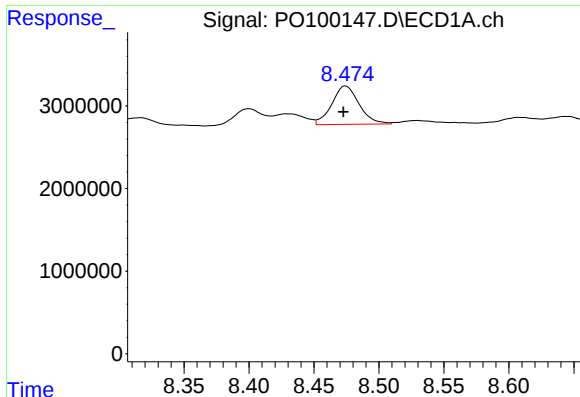
#34 AR-1260-4

R.T.: 8.132 min
Delta R.T.: -0.012 min
Response: 11261501
Conc: 272.09 ng/ml



#34 AR-1260-4

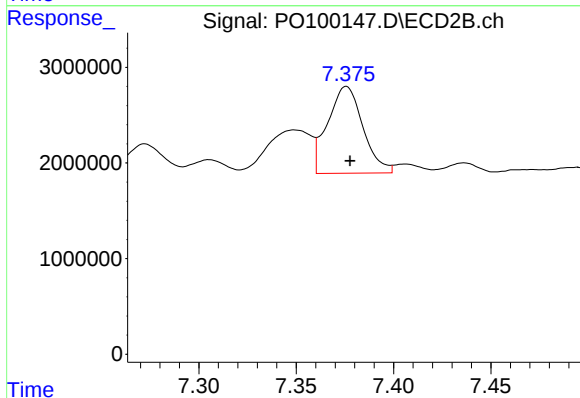
R.T.: 7.133 min
Delta R.T.: -0.003 min
Response: 5061068
Conc: 100.37 ng/ml



#35 AR-1260-5

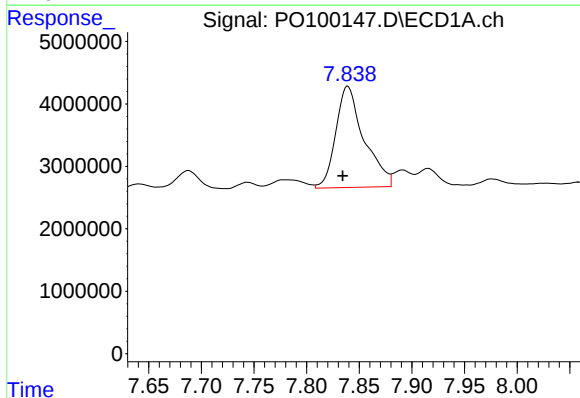
R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 6826403
Conc: 102.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



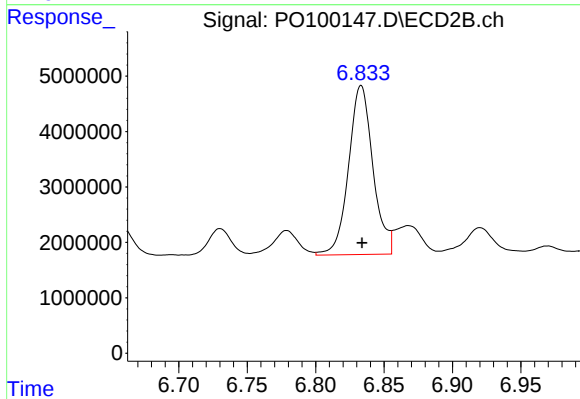
#35 AR-1260-5

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 11454426
Conc: 102.18 ng/ml



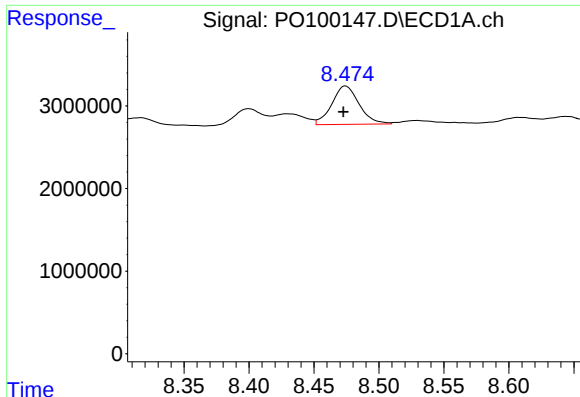
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: 0.005 min
Response: 30330086
Conc: 838.50 ng/ml



#36 AR-1262-1

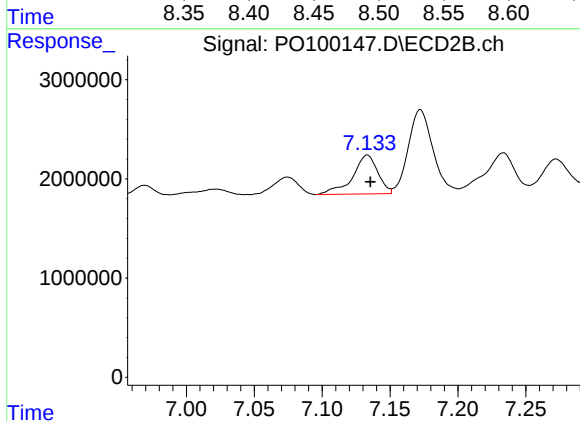
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 37789753
Conc: 988.71 ng/ml



#37 AR-1262-2

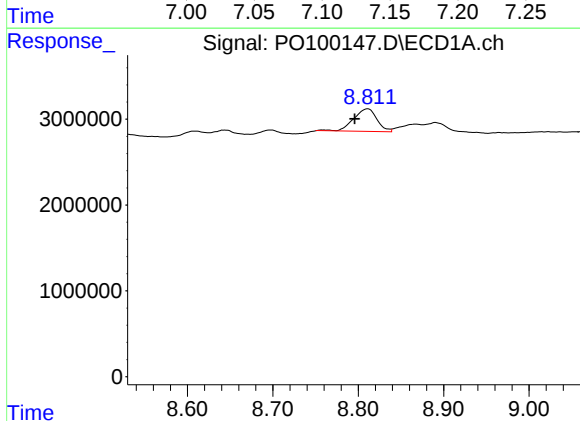
R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 6826403
Conc: 80.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



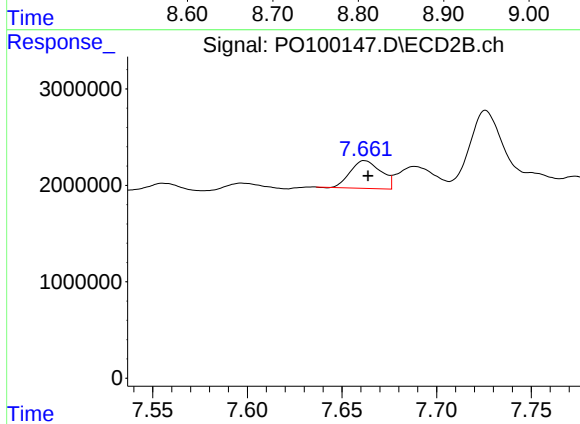
#37 AR-1262-2

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 5061068
Conc: 67.10 ng/ml



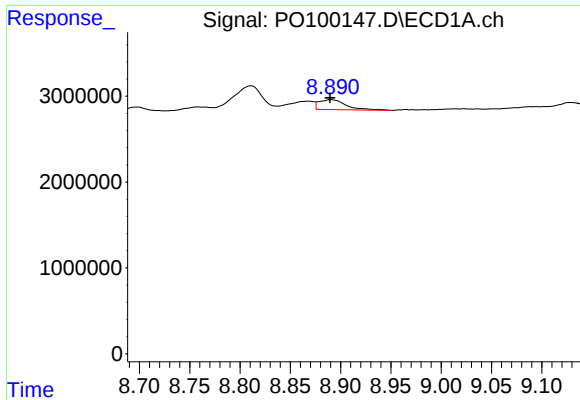
#38 AR-1262-3

R.T.: 8.811 min
Delta R.T.: 0.015 min
Response: 4941839
Conc: 82.04 ng/ml



#38 AR-1262-3

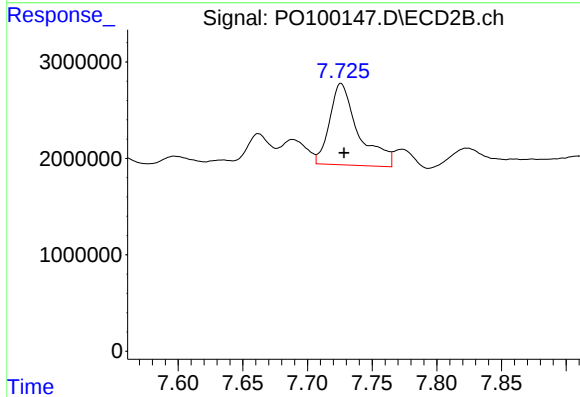
R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 3237218
Conc: 55.58 ng/ml



#39 AR-1262-4

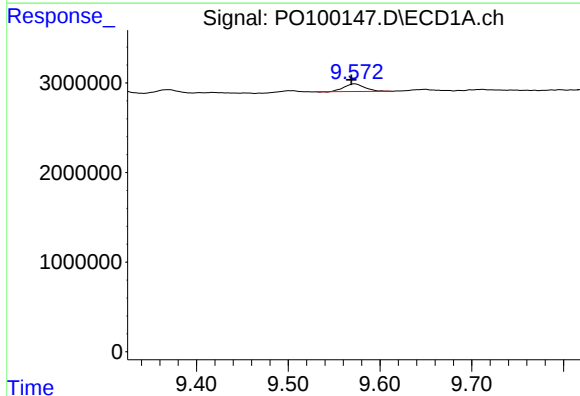
R.T.: 8.891 min
Delta R.T.: 0.001 min
Response: 2157111
Conc: 44.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



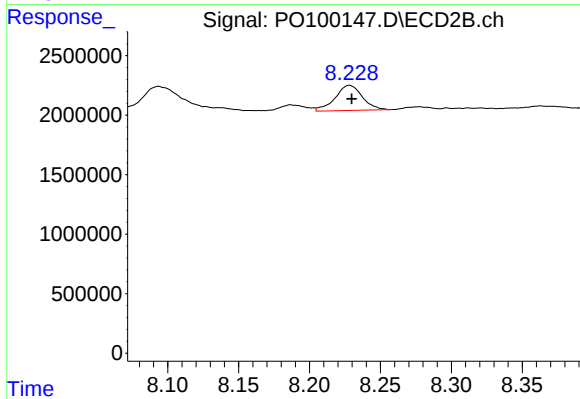
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 13098513
Conc: 127.44 ng/ml



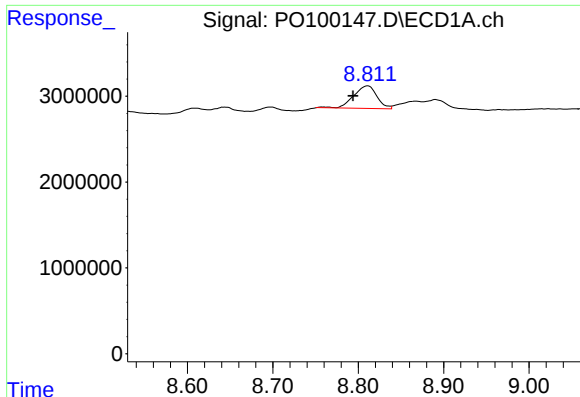
#40 AR-1262-5

R.T.: 9.572 min
Delta R.T.: 0.003 min
Response: 1338512
Conc: 51.27 ng/ml



#40 AR-1262-5

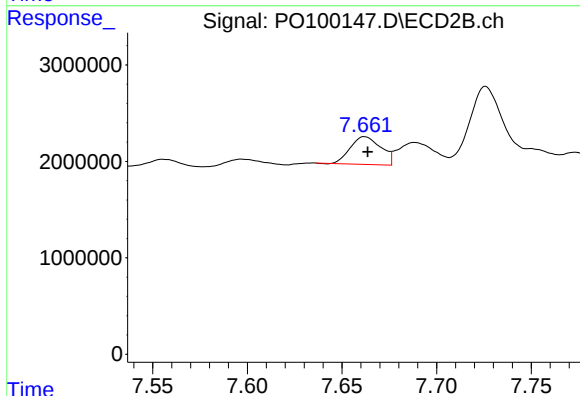
R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 2826133
Conc: 64.86 ng/ml



#41 AR-1268-1

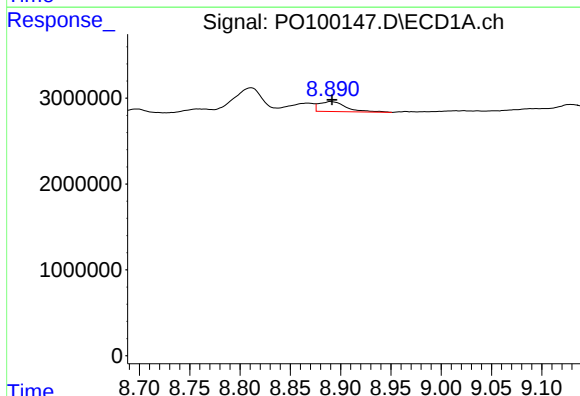
R.T.: 8.811 min
Delta R.T.: 0.017 min
Response: 4941839
Conc: 44.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



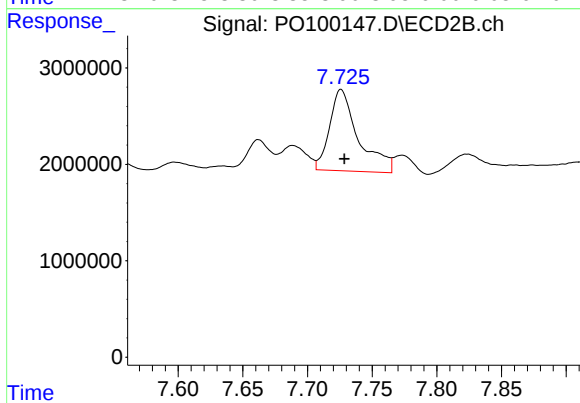
#41 AR-1268-1

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 3237218
Conc: 19.49 ng/ml



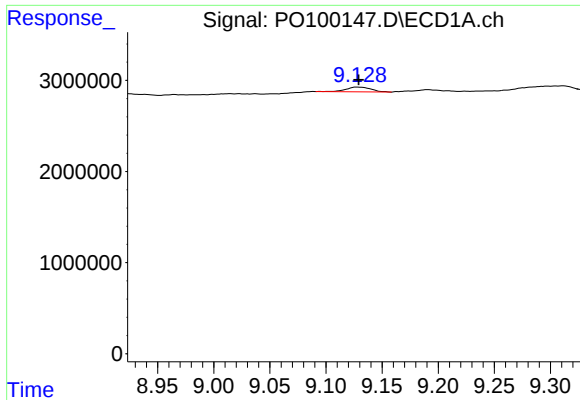
#42 AR-1268-2

R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 2157111
Conc: 22.41 ng/ml



#42 AR-1268-2

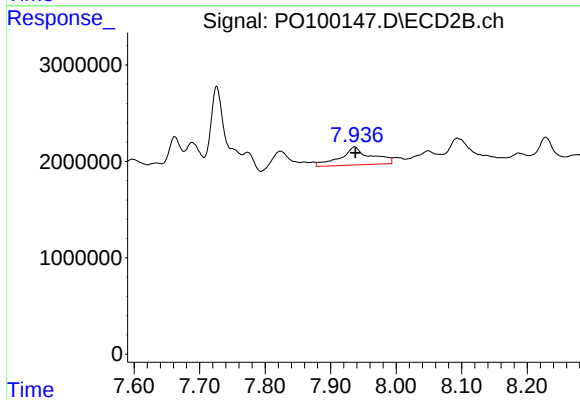
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 13098513
Conc: 85.81 ng/ml



#43 AR-1268-3

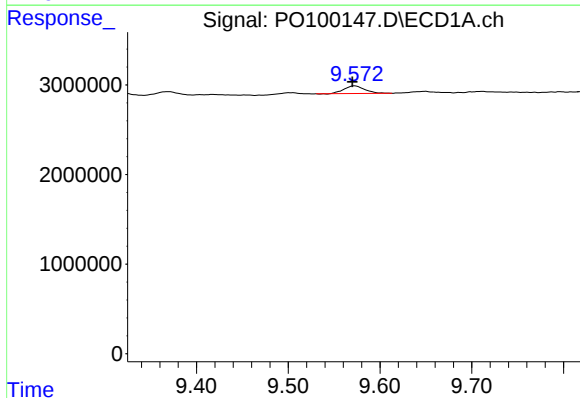
R.T.: 9.129 min
Delta R.T.: 0.000 min
Response: 799946
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



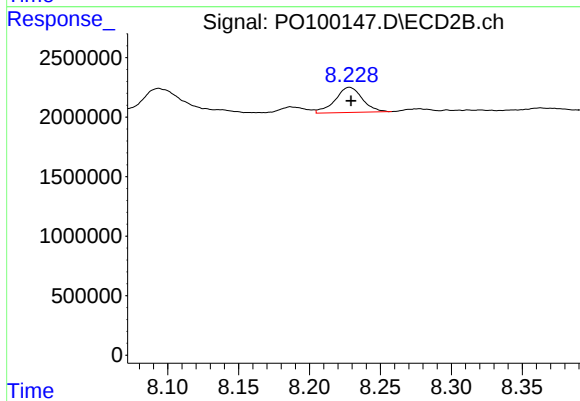
#43 AR-1268-3

R.T.: 7.937 min
Delta R.T.: -0.001 min
Response: 6084850
Conc: 42.46 ng/ml



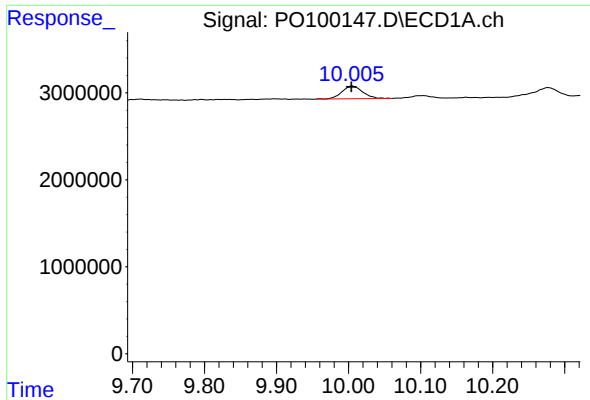
#44 AR-1268-4

R.T.: 9.572 min
Delta R.T.: 0.003 min
Response: 1338512
Conc: 47.07 ng/ml



#44 AR-1268-4

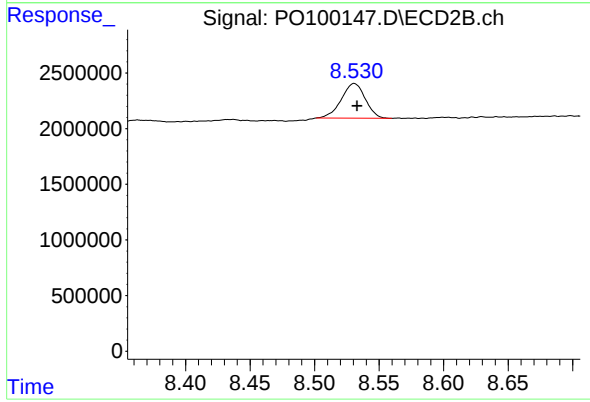
R.T.: 8.228 min
Delta R.T.: -0.001 min
Response: 2826133
Conc: 60.15 ng/ml



#45 AR-1268-5

R.T.: 10.005 min
Delta R.T.: 0.001 min
Response: 2948046
Conc: 11.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.531 min
Delta R.T.: -0.002 min
Response: 4033760
Conc: 10.13 ng/ml