

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112923\
 Data File : PO100149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 17:52
 Operator : YP/AJ
 Sample : 05559-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:16:41 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	33022929	28001569	19.348	18.669
2)	SA Decachlor...	10.360	8.797	18146369	20410586	24.983	18.240 #
Target Compounds							
3)	L1 AR-1016-1	5.666	4.810	1818519	1513053	42.265	47.917
4)	L1 AR-1016-2	5.691	4.839	4196813	3664419	64.823	84.750 #
5)	L1 AR-1016-3	5.758	5.008	2850271	869211	65.394	37.480 #
6)	L1 AR-1016-4	5.829	5.050	10615472	1822822	321.589	88.913 #
7)	L1 AR-1016-5	6.164	5.266	117.4E6	411458	3740.341	16.134 #
8)	L2 AR-1221-1	4.689	3.928	2633306	485075	127.736	25.517 #
9)	L2 AR-1221-2	4.790	3.992	486422	2806435	32.204	215.360 #
10)	L2 AR-1221-3	4.874	4.084	1296098	791888	28.883	22.045
11)	L3 AR-1232-1	4.874	4.084	1296098	791888	36.325	26.985 #
12)	L3 AR-1232-2	5.373	4.839	14920602	3664419	857.277	184.781 #
13)	L3 AR-1232-3	5.691	5.008	4196813	869211	148.103	83.874 #
14)	L3 AR-1232-4	5.829	5.124	10615472	84451912	764.159	8496.294 #
15)	L3 AR-1232-5	5.946	5.266	2672313	411458	217.753	38.097 #
16)	L4 AR-1242-1	5.666	4.810	1818519	1513053	52.493	57.572
17)	L4 AR-1242-2	5.691	4.839	4196813	3664419	79.976	104.214 #
18)	L4 AR-1242-3	5.758	5.008	2850271	869211	81.895	45.390 #
19)	L4 AR-1242-4	5.829	5.124	10615472	84451912	403.778	4192.809 #
20)	L4 AR-1242-5	6.622	5.624	2211175	10787341	98.894	461.672 #
21)	L5 AR-1248-1	5.666	4.810	1818519	1513053	70.342	75.684
22)	L5 AR-1248-2	5.946	5.050	2672313	1822822	65.343	65.146
23)	L5 AR-1248-3	6.164	5.124	117.4E6	84451912	2741.824	2924.442
24)	L5 AR-1248-4	6.571	5.266	11041885	411458	292.955	12.548 #
25)	L5 AR-1248-5	6.622	5.667	2211175	3587824	59.870	120.108 #
26)	L6 AR-1254-1	6.538	5.624	7037348	10787341	146.146	208.101 #
27)	L6 AR-1254-2	6.759	5.772	7973475	4715761	116.265	101.267
28)	L6 AR-1254-3	7.130	6.181	9073946	5460287	142.431	70.012 #
29)	L6 AR-1254-4	7.414	6.410	3537164	1980742	93.566	46.413 #
30)	L6 AR-1254-5	7.858	6.832	26810573	30418545	626.382	420.360 #
31)	L7 AR-1260-1	7.293	6.312	2094465	3290155	39.337	56.939 #
32)	L7 AR-1260-2	7.544	6.513	15232352	4120399	287.961	62.039 #
33)	L7 AR-1260-3	7.915	6.656	1861557	2593830	52.188	40.537
34)	L7 AR-1260-4	8.140	7.138	2741683	2240134	66.243	44.424 #
35)	L7 AR-1260-5	8.474	7.375	1546201	3452964	23.147	30.802 #
36)	L8 AR-1262-1	7.858	6.832	26810573	30418545	741.201	795.857
37)	L8 AR-1262-2	8.474	7.138	1546201	2240134	18.211	29.698 #
38)	L8 AR-1262-3	8.810	7.662	1001601	188348	16.628	3.234 #
39)	L8 AR-1262-4	8.893	7.726	1741161	4034809	36.115	39.256
40)	L8 AR-1262-5	9.570	8.226	657820	842545	25.197	19.336
41)	L9 AR-1268-1	8.810	7.662	1001601	188348	9.074	1.134 #

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 ALS Vial : 22 Sample Multiplier: 1

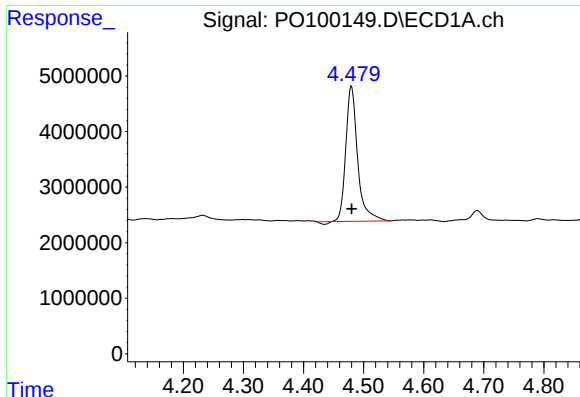
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:16:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.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	8.893	7.726	1741161	4034809	18.087	26.433 #
43) L9	AR-1268-3	9.132	7.934	44850	904140	0.497	6.309 #
44) L9	AR-1268-4	9.570	8.226	657820	842545	23.133	17.932
45) L9	AR-1268-5	10.002	8.530	437624	503006	1.740	1.263 #

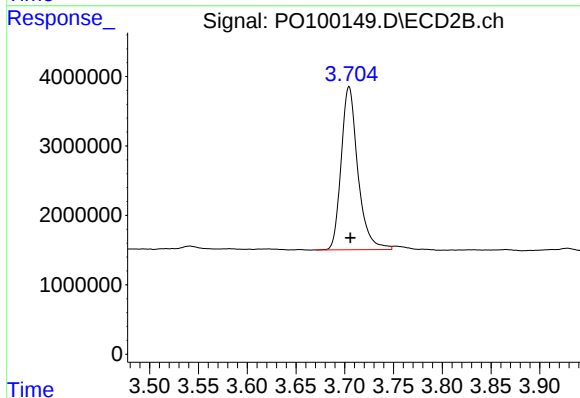
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

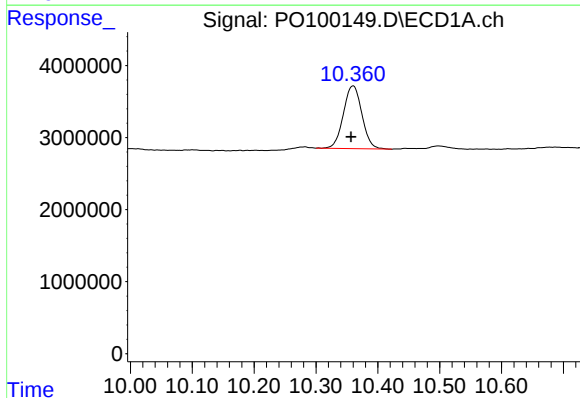
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 33022929
Conc: 19.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



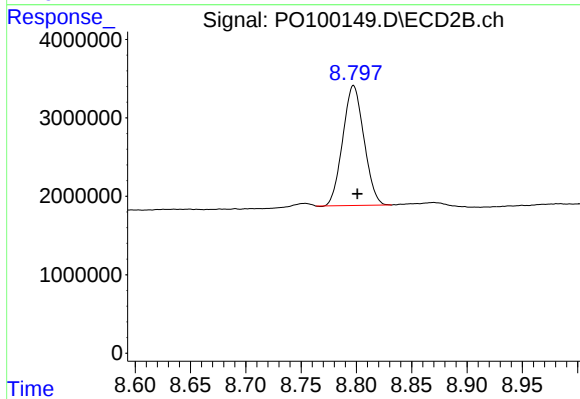
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.001 min
Response: 28001569
Conc: 18.67 ng/ml



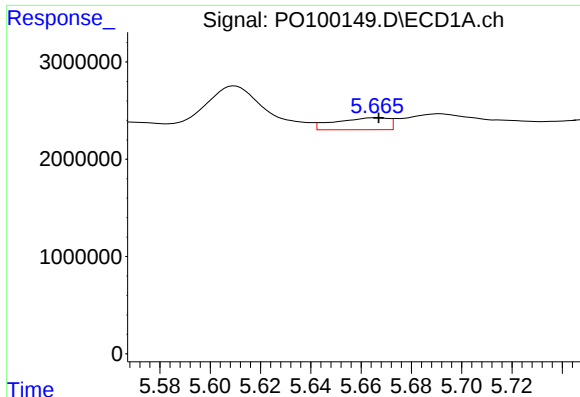
#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: 0.003 min
Response: 18146369
Conc: 24.98 ng/ml



#2 Decachlorobiphenyl

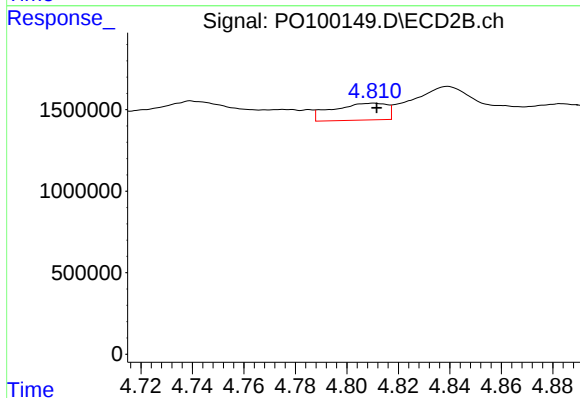
R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 20410586
Conc: 18.24 ng/ml



#3 AR-1016-1

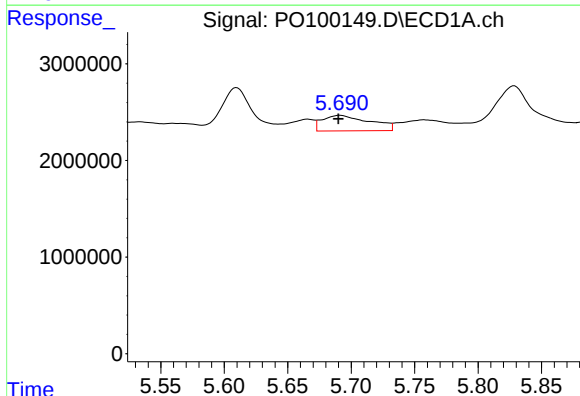
R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 1818519
Conc: 42.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



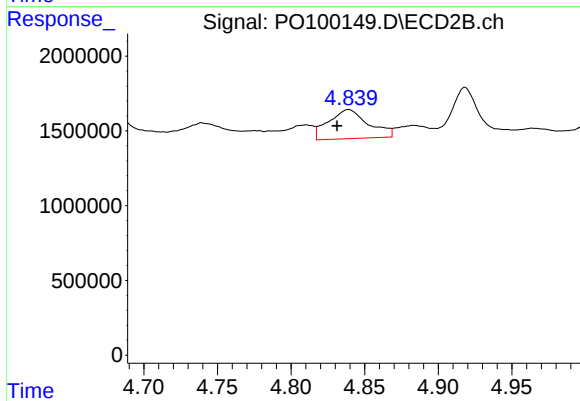
#3 AR-1016-1

R.T.: 4.810 min
Delta R.T.: -0.001 min
Response: 1513053
Conc: 47.92 ng/ml



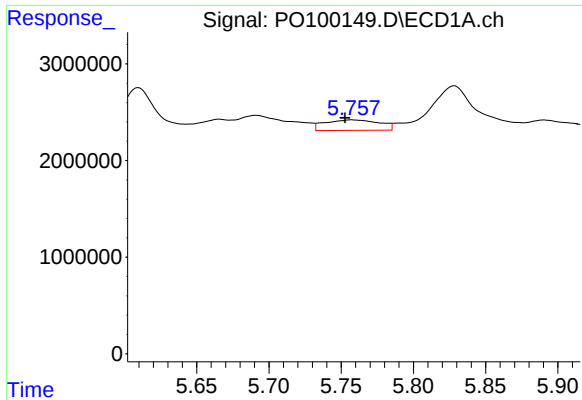
#4 AR-1016-2

R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 4196813
Conc: 64.82 ng/ml



#4 AR-1016-2

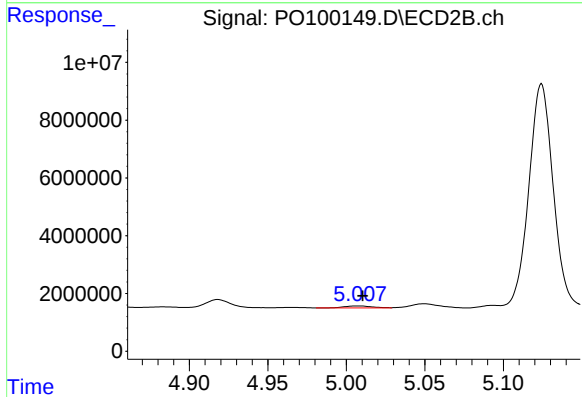
R.T.: 4.839 min
Delta R.T.: 0.008 min
Response: 3664419
Conc: 84.75 ng/ml



#5 AR-1016-3

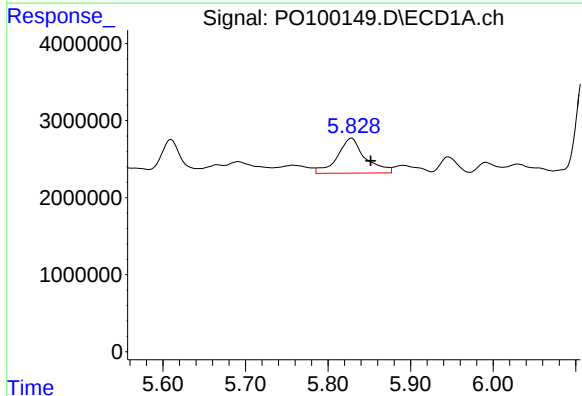
R.T.: 5.758 min
Delta R.T.: 0.005 min
Response: 2850271
Conc: 65.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



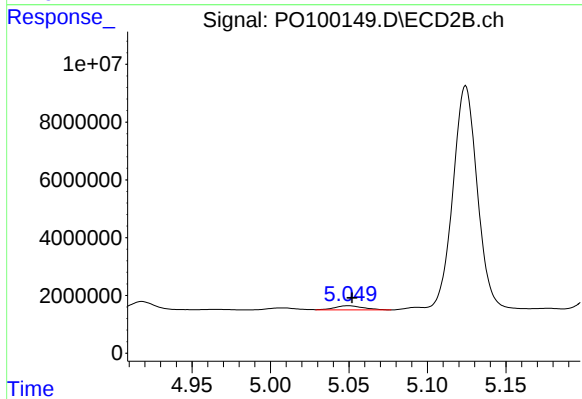
#5 AR-1016-3

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 869211
Conc: 37.48 ng/ml



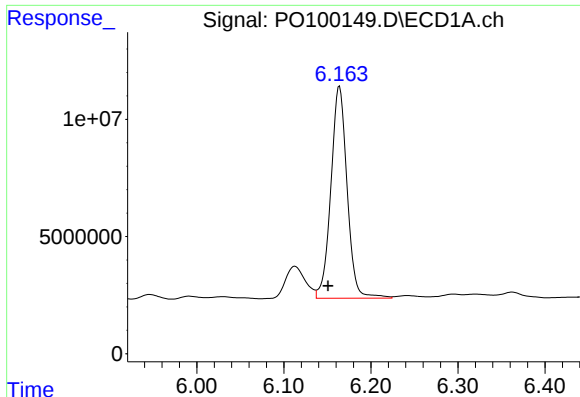
#6 AR-1016-4

R.T.: 5.829 min
Delta R.T.: -0.023 min
Response: 10615472
Conc: 321.59 ng/ml



#6 AR-1016-4

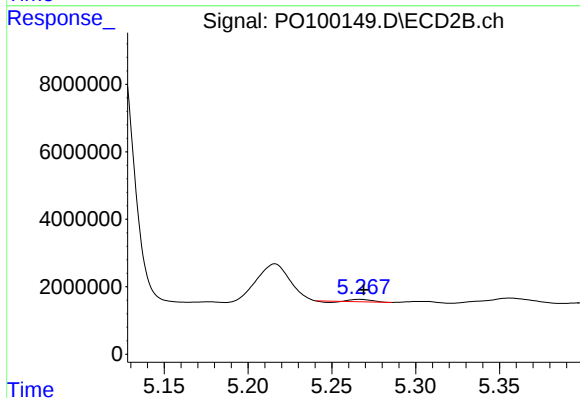
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 1822822
Conc: 88.91 ng/ml



#7 AR-1016-5

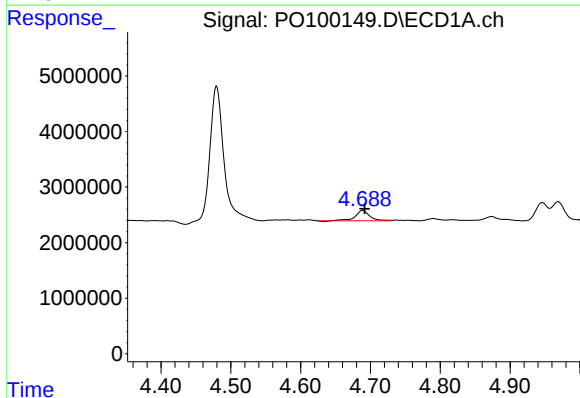
R.T.: 6.164 min
Delta R.T.: 0.013 min
Response: 117440729
Conc: 3740.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



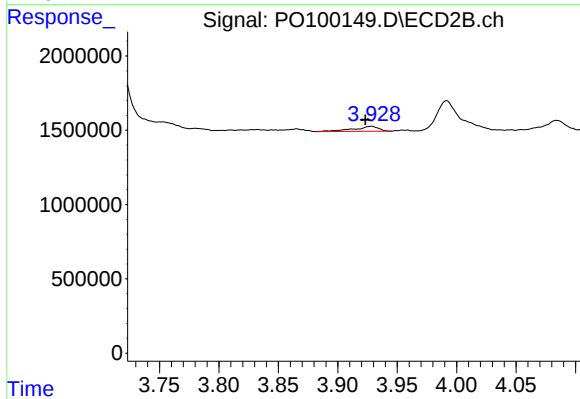
#7 AR-1016-5

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 411458
Conc: 16.13 ng/ml



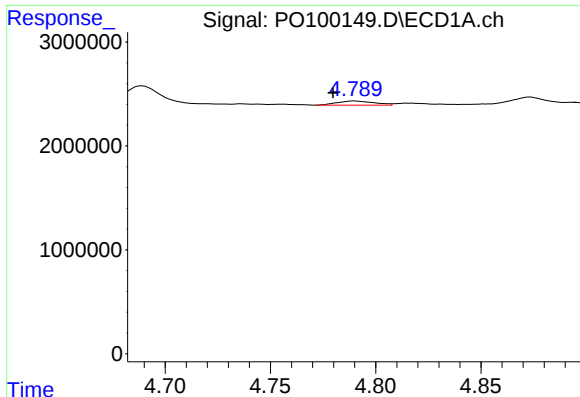
#8 AR-1221-1

R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 2633306
Conc: 127.74 ng/ml



#8 AR-1221-1

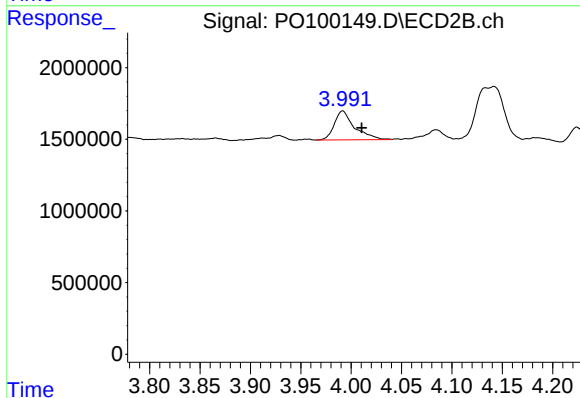
R.T.: 3.928 min
Delta R.T.: 0.005 min
Response: 485075
Conc: 25.52 ng/ml



#9 AR-1221-2

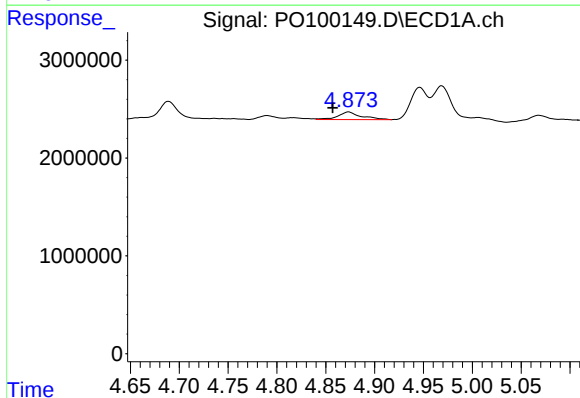
R.T.: 4.790 min
Delta R.T.: 0.010 min
Response: 486422
Conc: 32.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



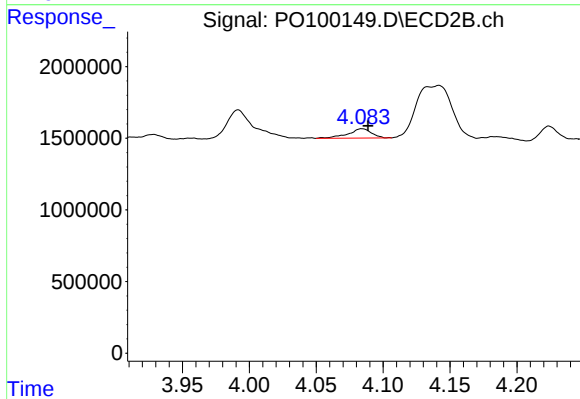
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: -0.019 min
Response: 2806435
Conc: 215.36 ng/ml



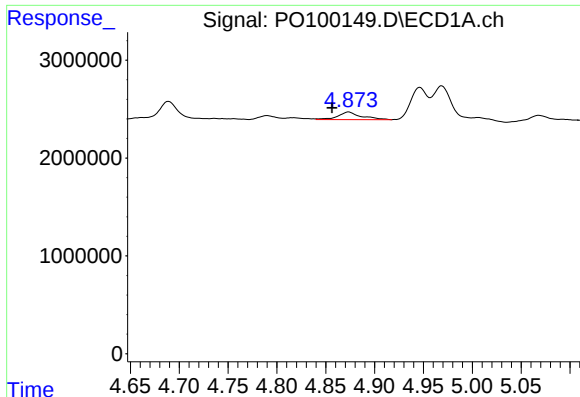
#10 AR-1221-3

R.T.: 4.874 min
Delta R.T.: 0.016 min
Response: 1296098
Conc: 28.88 ng/ml



#10 AR-1221-3

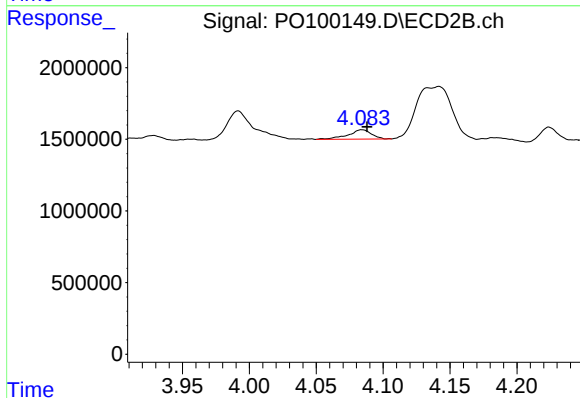
R.T.: 4.084 min
Delta R.T.: -0.004 min
Response: 791888
Conc: 22.05 ng/ml



#11 AR-1232-1

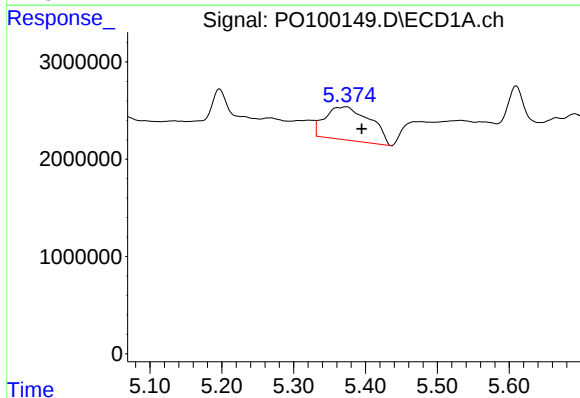
R.T.: 4.874 min
Delta R.T.: 0.017 min
Response: 1296098
Conc: 36.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



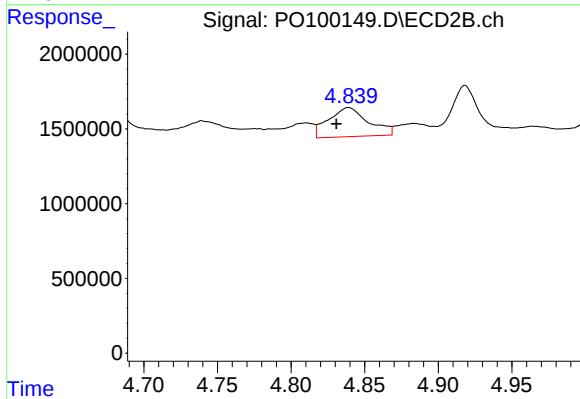
#11 AR-1232-1

R.T.: 4.084 min
Delta R.T.: -0.004 min
Response: 791888
Conc: 26.98 ng/ml



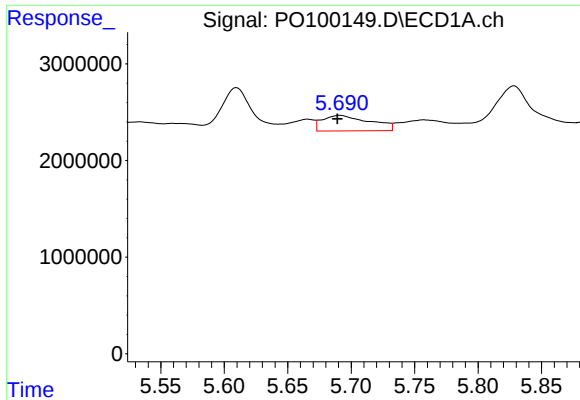
#12 AR-1232-2

R.T.: 5.373 min
Delta R.T.: -0.021 min
Response: 14920602
Conc: 857.28 ng/ml



#12 AR-1232-2

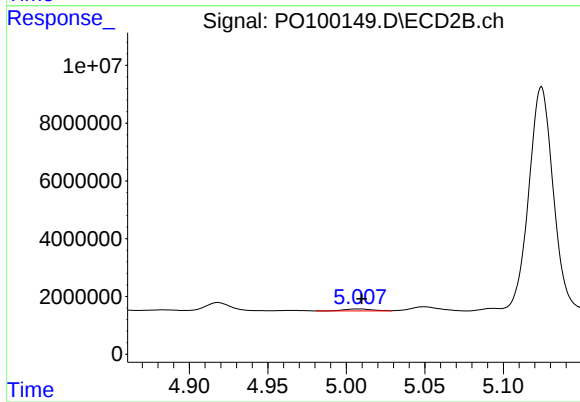
R.T.: 4.839 min
Delta R.T.: 0.008 min
Response: 3664419
Conc: 184.78 ng/ml



#13 AR-1232-3

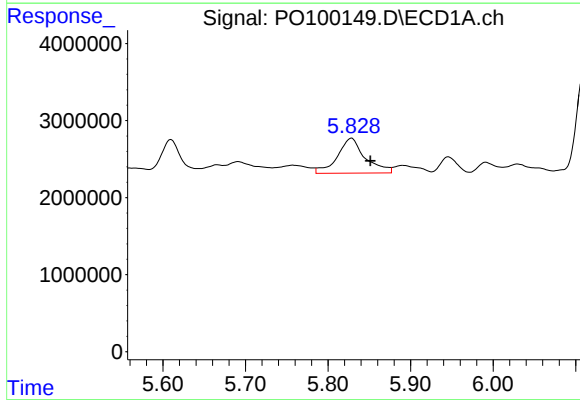
R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 4196813
Conc: 148.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



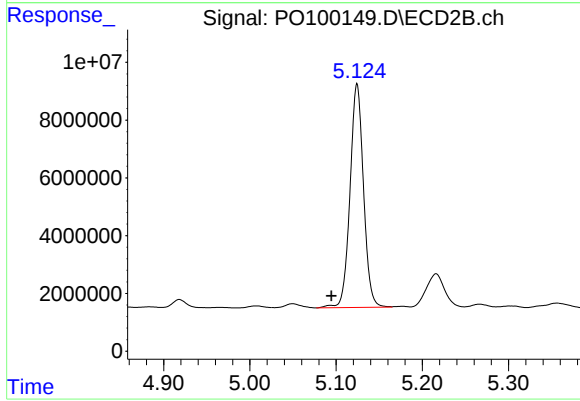
#13 AR-1232-3

R.T.: 5.008 min
Delta R.T.: -0.002 min
Response: 869211
Conc: 83.87 ng/ml



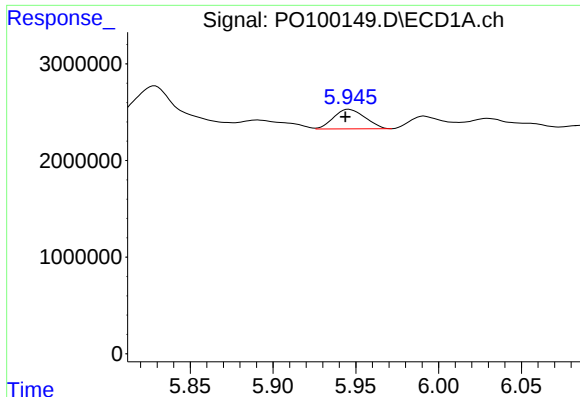
#14 AR-1232-4

R.T.: 5.829 min
Delta R.T.: -0.023 min
Response: 10615472
Conc: 764.16 ng/ml



#14 AR-1232-4

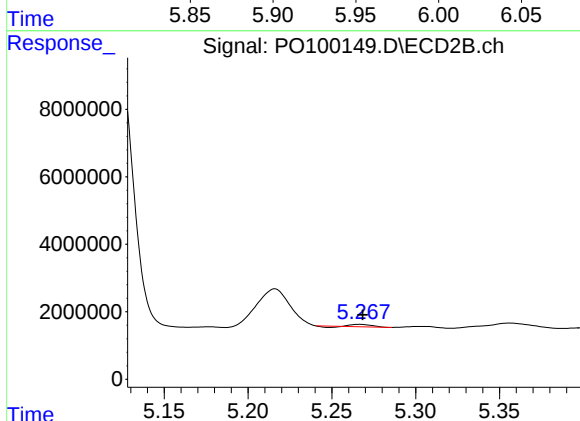
R.T.: 5.124 min
Delta R.T.: 0.030 min
Response: 84451912
Conc: 8496.29 ng/ml



#15 AR-1232-5

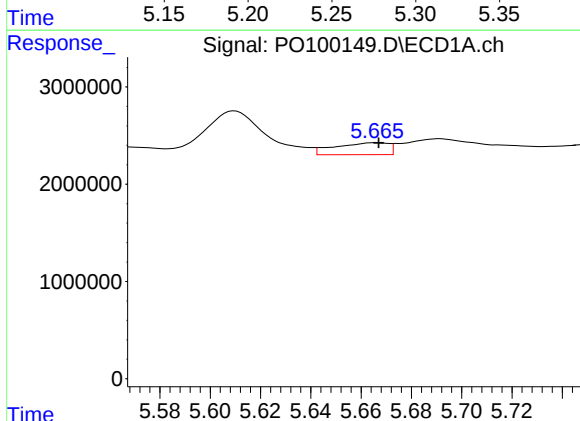
R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 2672313
Conc: 217.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



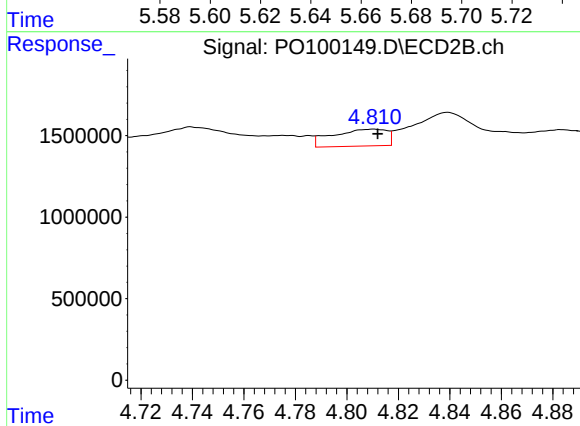
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 411458
Conc: 38.10 ng/ml



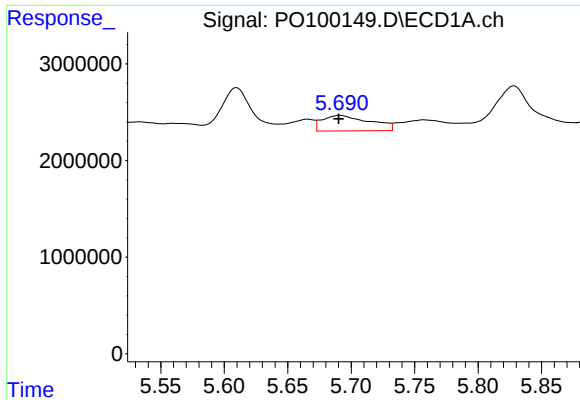
#16 AR-1242-1

R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 1818519
Conc: 52.49 ng/ml



#16 AR-1242-1

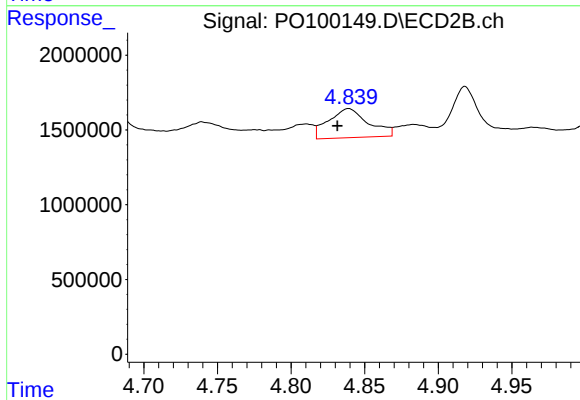
R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 1513053
Conc: 57.57 ng/ml



#17 AR-1242-2

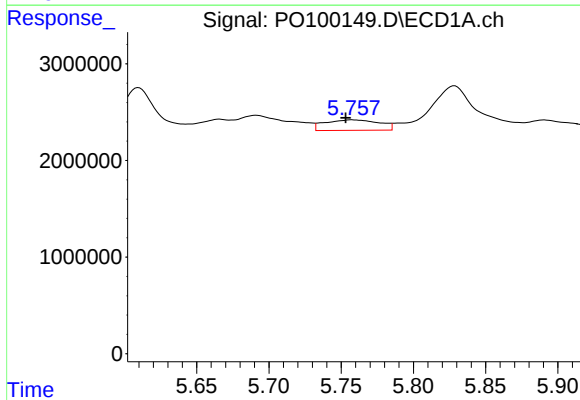
R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 4196813
Conc: 79.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



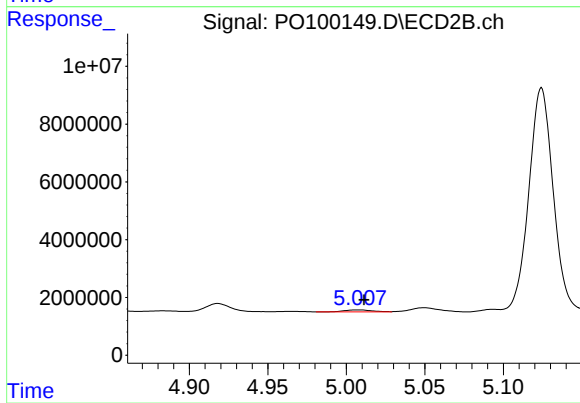
#17 AR-1242-2

R.T.: 4.839 min
Delta R.T.: 0.008 min
Response: 3664419
Conc: 104.21 ng/ml



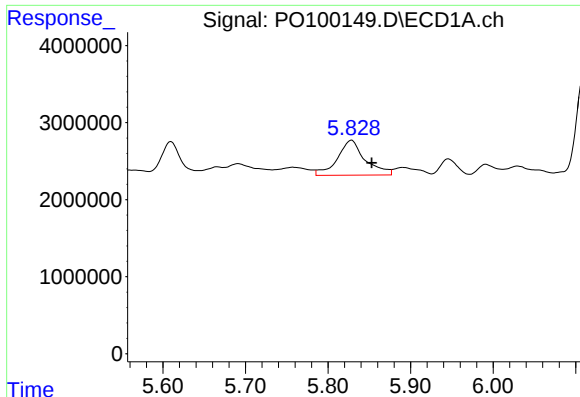
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: 0.004 min
Response: 2850271
Conc: 81.89 ng/ml



#18 AR-1242-3

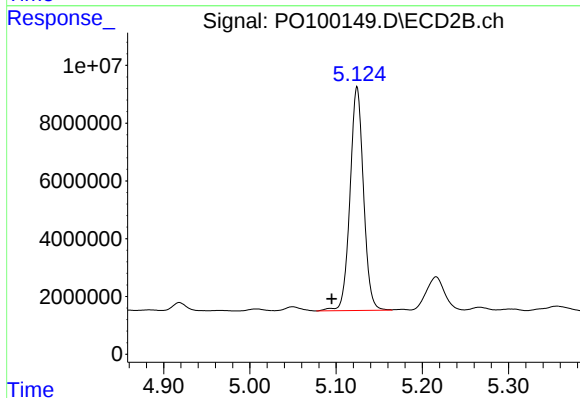
R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 869211
Conc: 45.39 ng/ml



#19 AR-1242-4

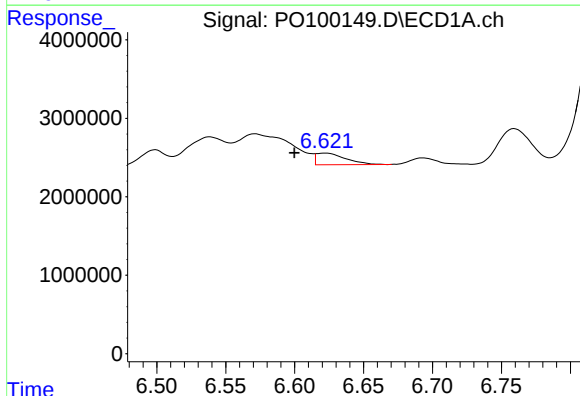
R.T.: 5.829 min
Delta R.T.: -0.024 min
Response: 10615472
Conc: 403.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



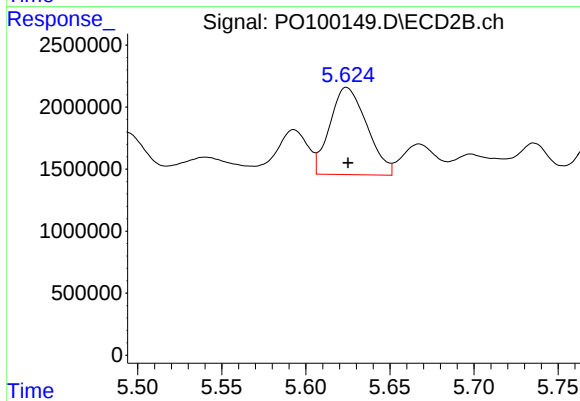
#19 AR-1242-4

R.T.: 5.124 min
Delta R.T.: 0.029 min
Response: 84451912
Conc: 4192.81 ng/ml



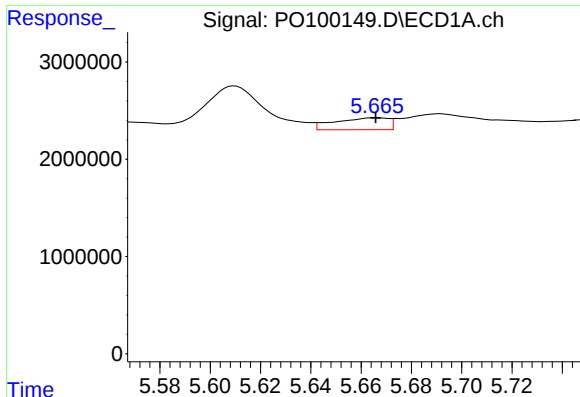
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: 0.023 min
Response: 2211175
Conc: 98.89 ng/ml



#20 AR-1242-5

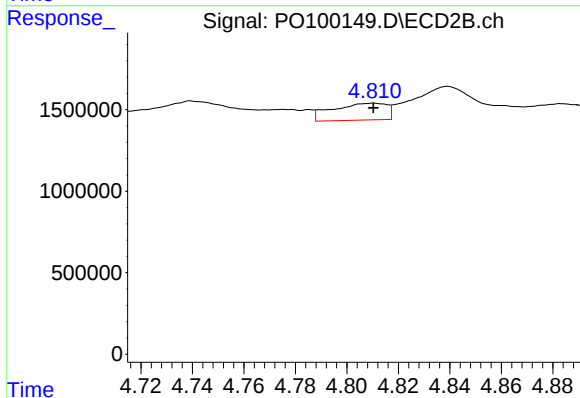
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 10787341
Conc: 461.67 ng/ml



#21 AR-1248-1

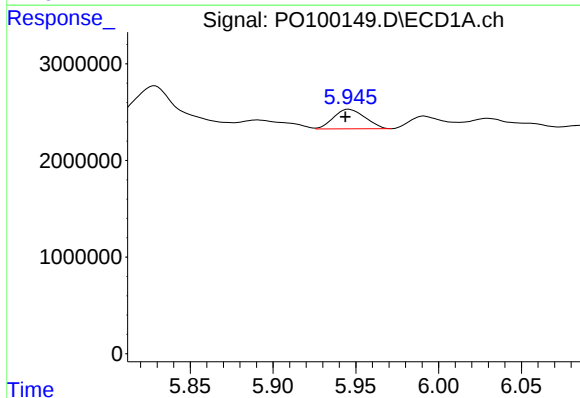
R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 1818519
Conc: 70.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



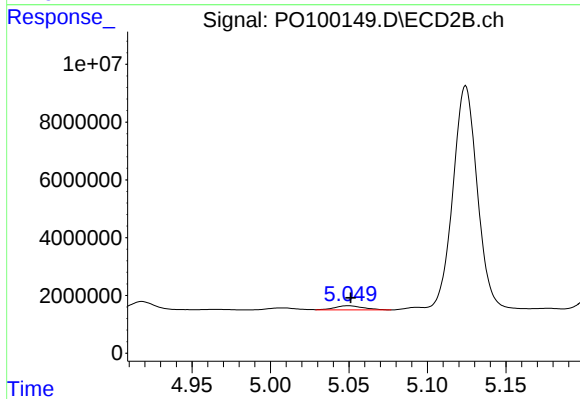
#21 AR-1248-1

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 1513053
Conc: 75.68 ng/ml



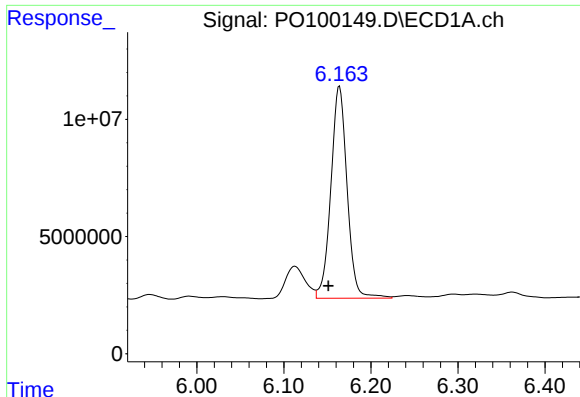
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 2672313
Conc: 65.34 ng/ml



#22 AR-1248-2

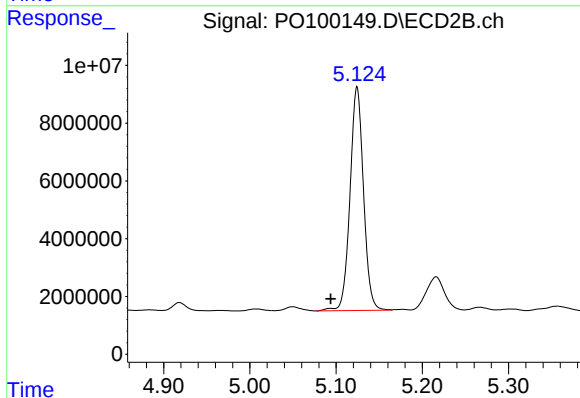
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 1822822
Conc: 65.15 ng/ml



#23 AR-1248-3

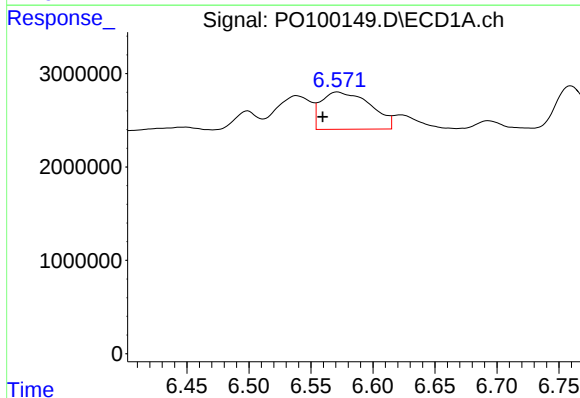
R.T.: 6.164 min
Delta R.T.: 0.013 min
Response: 117440729
Conc: 2741.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



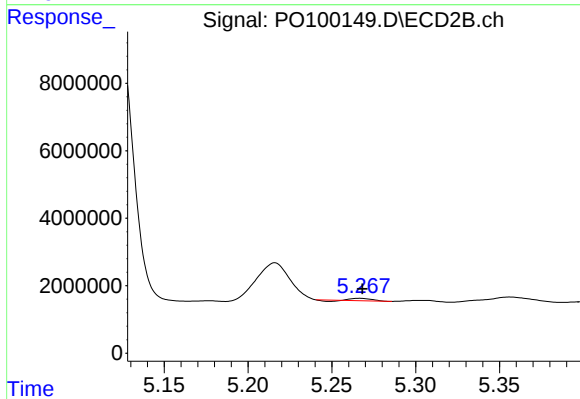
#23 AR-1248-3

R.T.: 5.124 min
Delta R.T.: 0.030 min
Response: 84451912
Conc: 2924.44 ng/ml



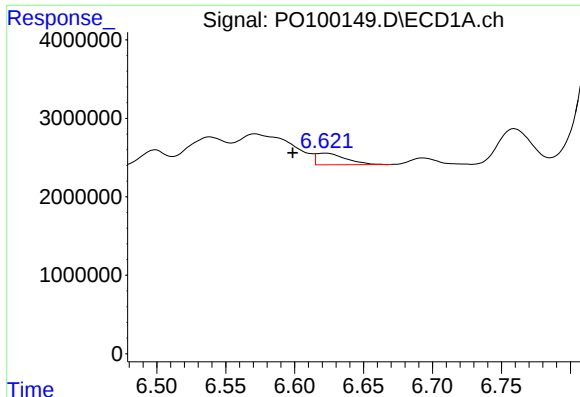
#24 AR-1248-4

R.T.: 6.571 min
Delta R.T.: 0.012 min
Response: 11041885
Conc: 292.96 ng/ml



#24 AR-1248-4

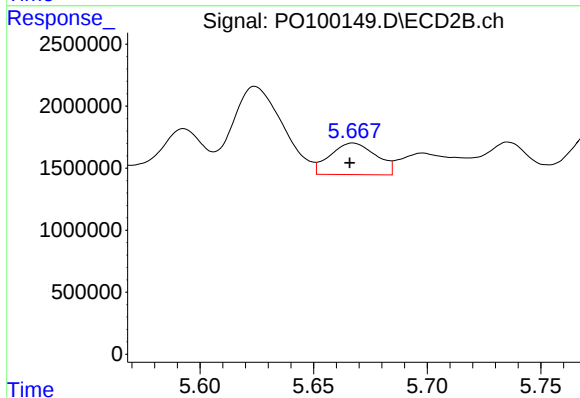
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 411458
Conc: 12.55 ng/ml



#25 AR-1248-5

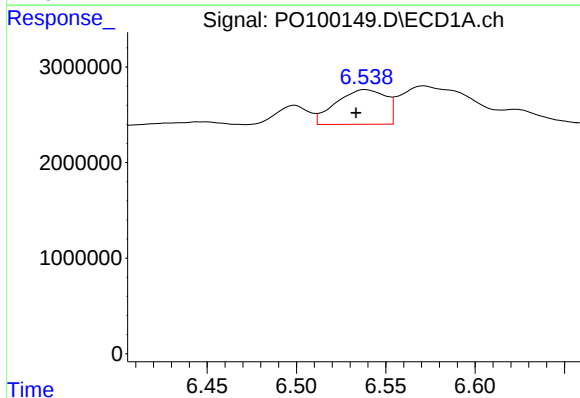
R.T.: 6.622 min
Delta R.T.: 0.024 min
Response: 2211175
Conc: 59.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



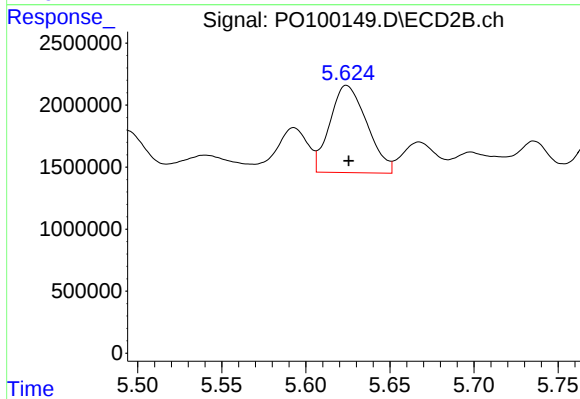
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: 0.001 min
Response: 3587824
Conc: 120.11 ng/ml



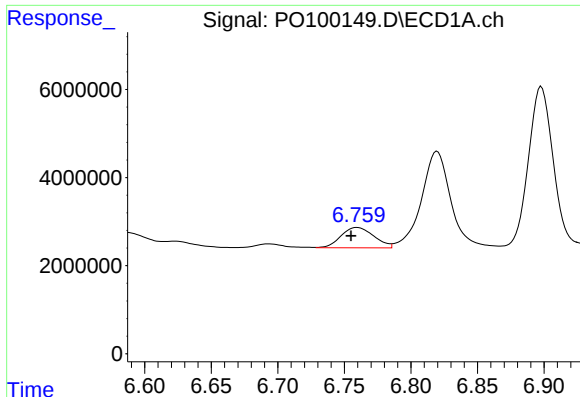
#26 AR-1254-1

R.T.: 6.538 min
Delta R.T.: 0.005 min
Response: 7037348
Conc: 146.15 ng/ml



#26 AR-1254-1

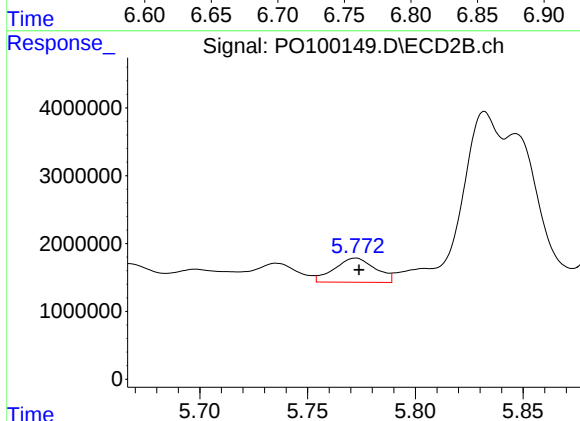
R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 10787341
Conc: 208.10 ng/ml



#27 AR-1254-2

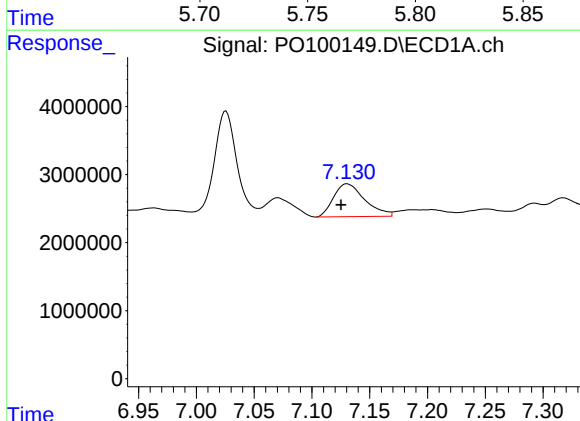
R.T.: 6.759 min
Delta R.T.: 0.004 min
Response: 7973475
Conc: 116.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



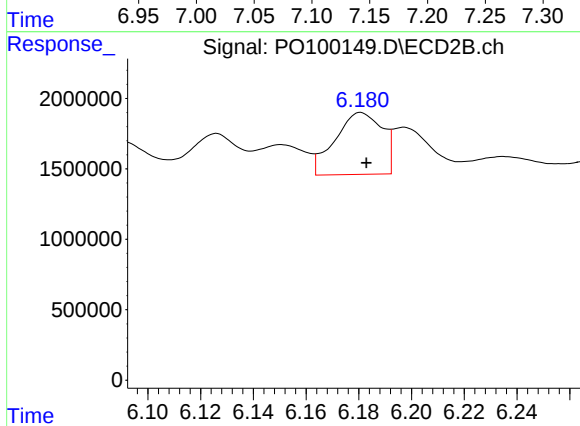
#27 AR-1254-2

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 4715761
Conc: 101.27 ng/ml



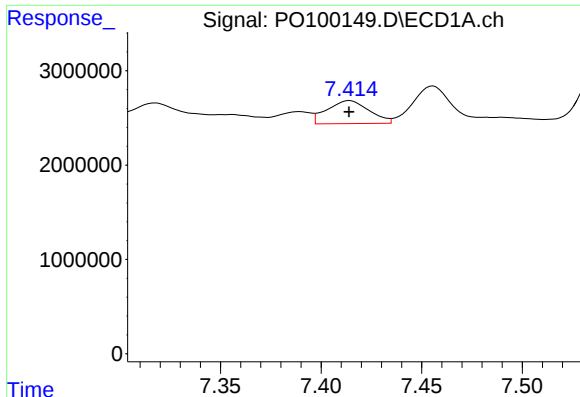
#28 AR-1254-3

R.T.: 7.130 min
Delta R.T.: 0.005 min
Response: 9073946
Conc: 142.43 ng/ml



#28 AR-1254-3

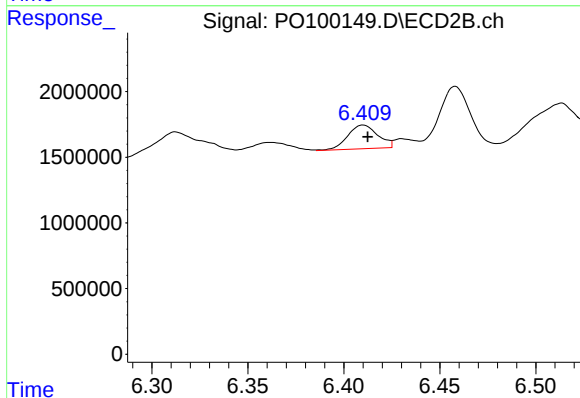
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 5460287
Conc: 70.01 ng/ml



#29 AR-1254-4

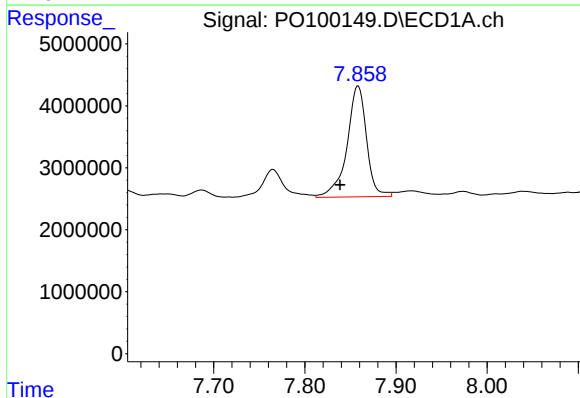
R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 3537164
Conc: 93.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



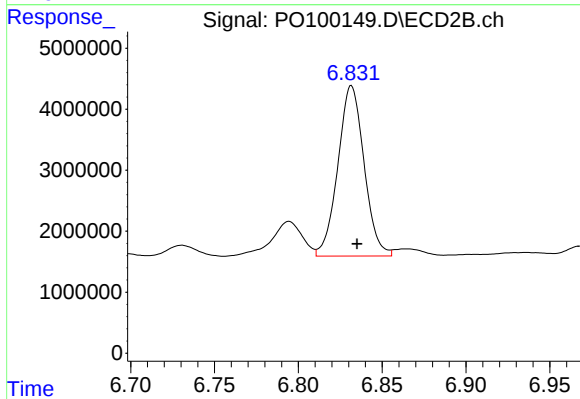
#29 AR-1254-4

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 1980742
Conc: 46.41 ng/ml



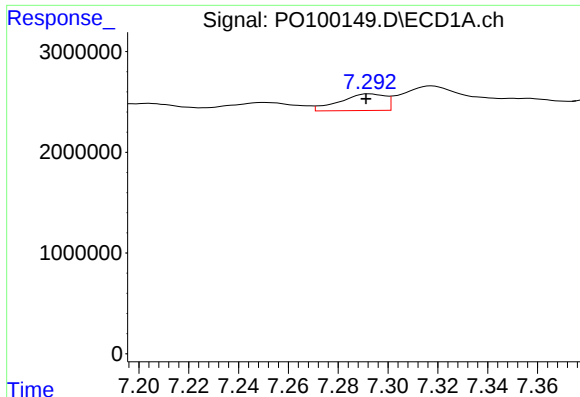
#30 AR-1254-5

R.T.: 7.858 min
Delta R.T.: 0.020 min
Response: 26810573
Conc: 626.38 ng/ml



#30 AR-1254-5

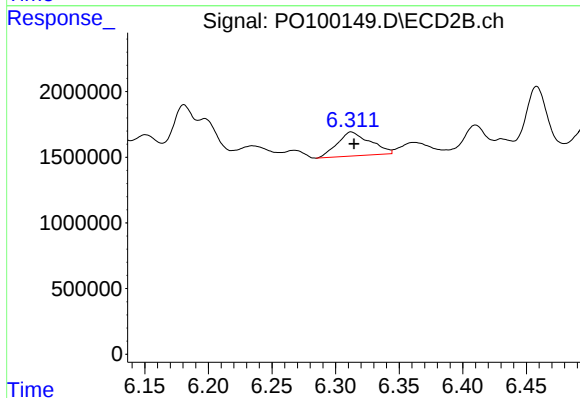
R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 30418545
Conc: 420.36 ng/ml



#31 AR-1260-1

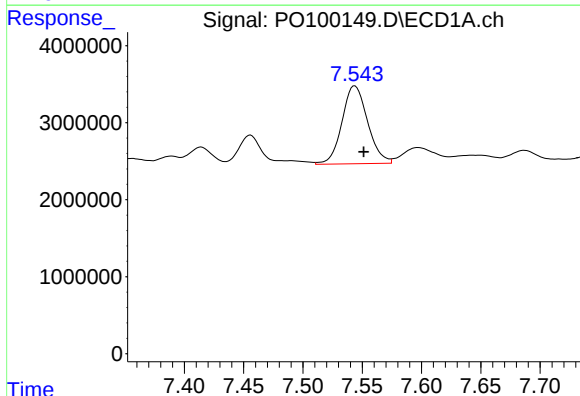
R.T.: 7.293 min
Delta R.T.: 0.001 min
Response: 2094465
Conc: 39.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



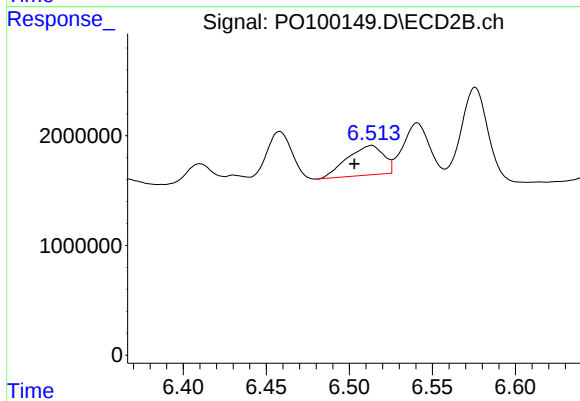
#31 AR-1260-1

R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 3290155
Conc: 56.94 ng/ml



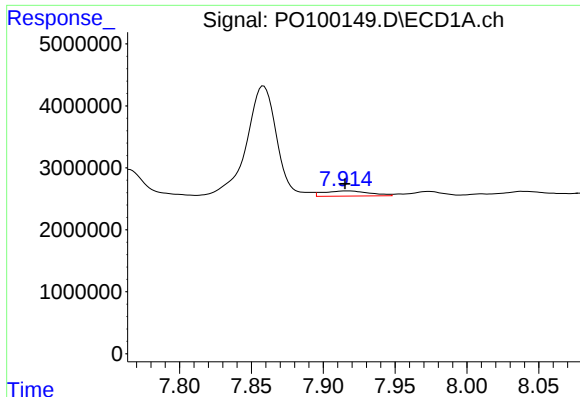
#32 AR-1260-2

R.T.: 7.544 min
Delta R.T.: -0.008 min
Response: 15232352
Conc: 287.96 ng/ml



#32 AR-1260-2

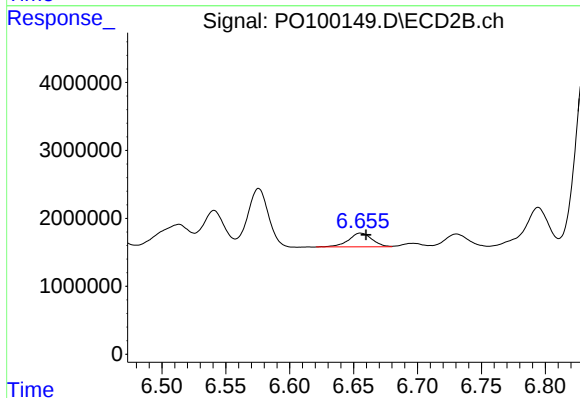
R.T.: 6.513 min
Delta R.T.: 0.010 min
Response: 4120399
Conc: 62.04 ng/ml



#33 AR-1260-3

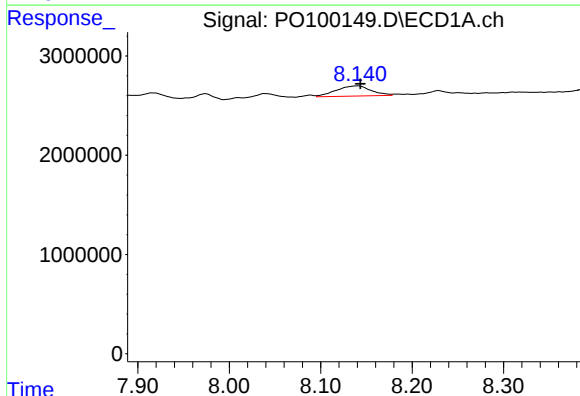
R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 1861557
Conc: 52.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



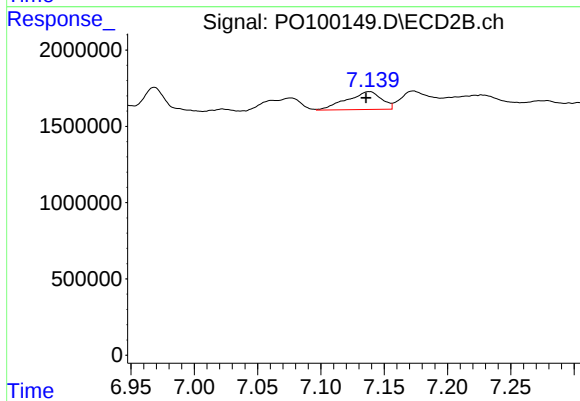
#33 AR-1260-3

R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 2593830
Conc: 40.54 ng/ml



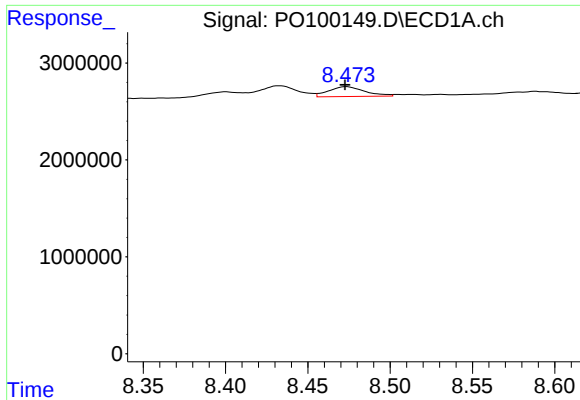
#34 AR-1260-4

R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 2741683
Conc: 66.24 ng/ml



#34 AR-1260-4

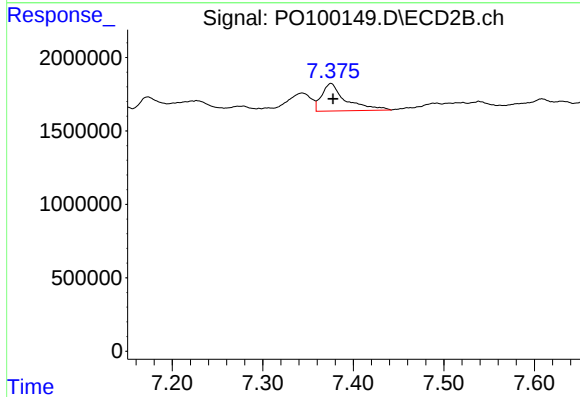
R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 2240134
Conc: 44.42 ng/ml



#35 AR-1260-5

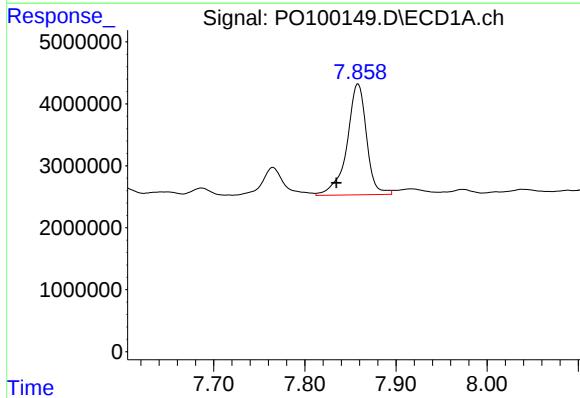
R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 1546201
Conc: 23.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



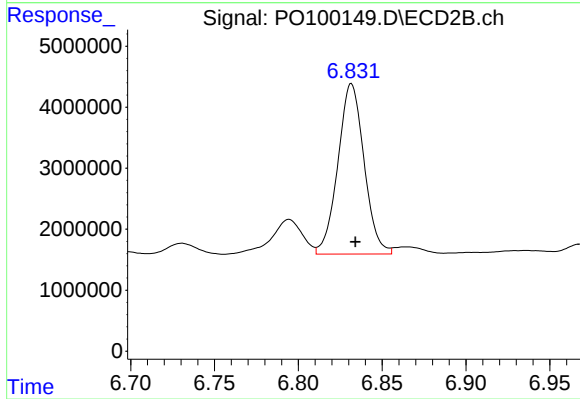
#35 AR-1260-5

R.T.: 7.375 min
Delta R.T.: -0.002 min
Response: 3452964
Conc: 30.80 ng/ml



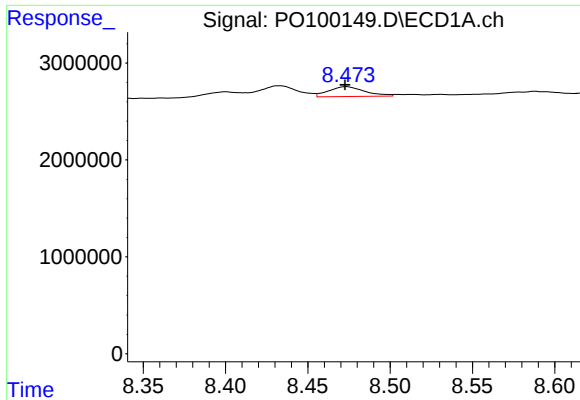
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: 0.024 min
Response: 26810573
Conc: 741.20 ng/ml



#36 AR-1262-1

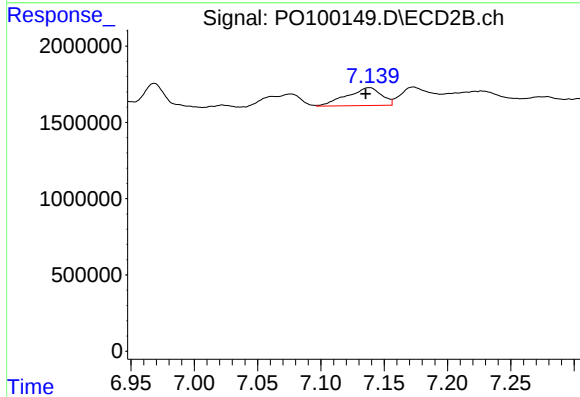
R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 30418545
Conc: 795.86 ng/ml



#37 AR-1262-2

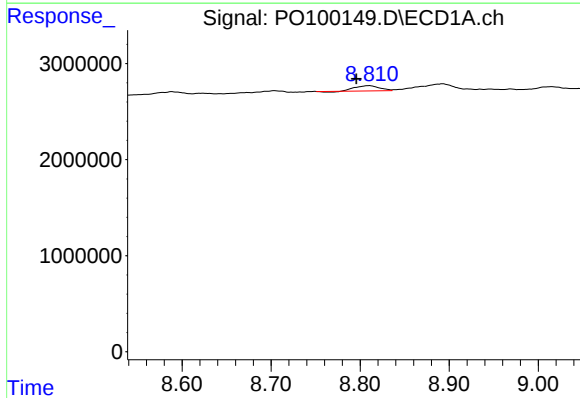
R.T.: 8.474 min
Delta R.T.: 0.001 min
Response: 1546201
Conc: 18.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



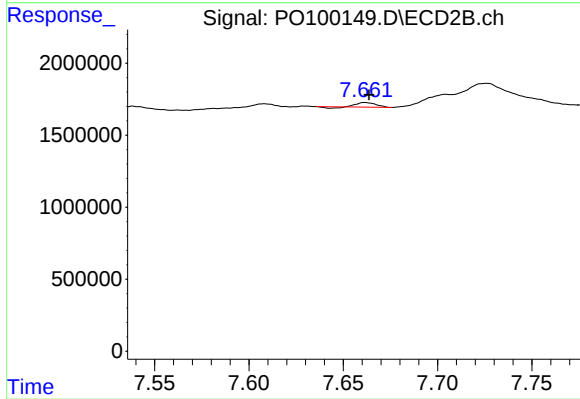
#37 AR-1262-2

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 2240134
Conc: 29.70 ng/ml



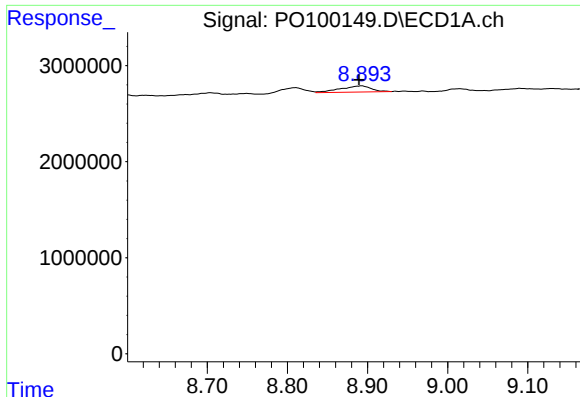
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.014 min
Response: 1001601
Conc: 16.63 ng/ml



#38 AR-1262-3

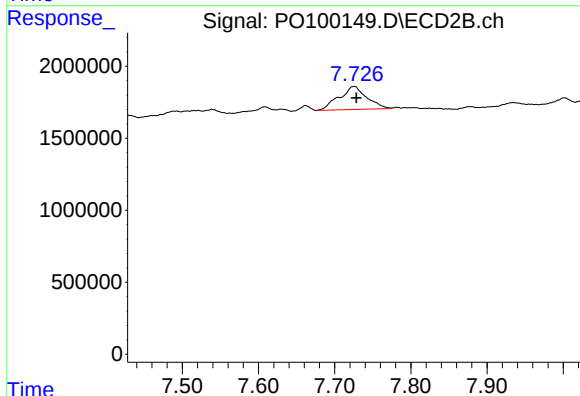
R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 188348
Conc: 3.23 ng/ml



#39 AR-1262-4

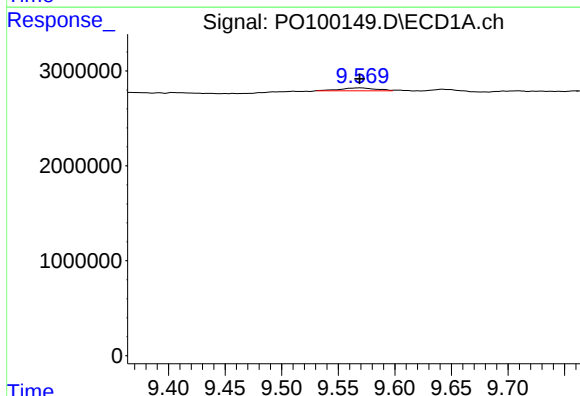
R.T.: 8.893 min
Delta R.T.: 0.003 min
Response: 1741161
Conc: 36.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



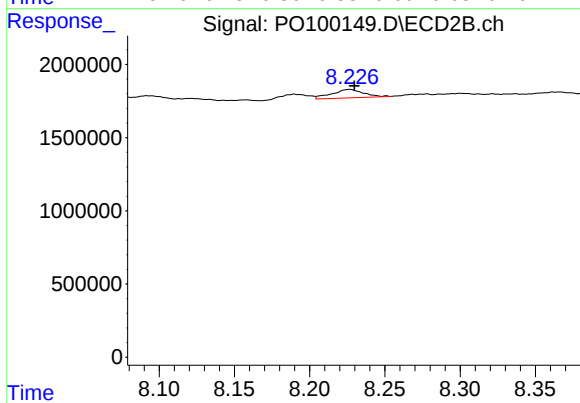
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 4034809
Conc: 39.26 ng/ml



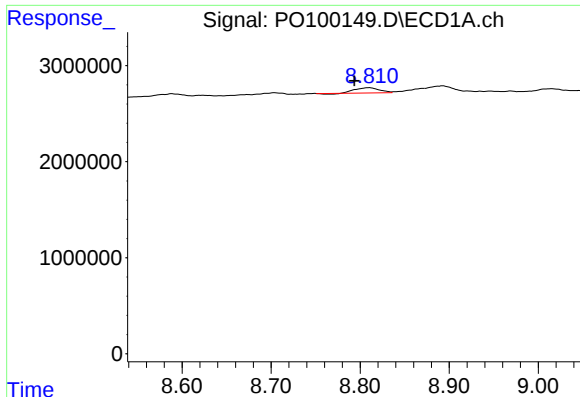
#40 AR-1262-5

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 657820
Conc: 25.20 ng/ml



#40 AR-1262-5

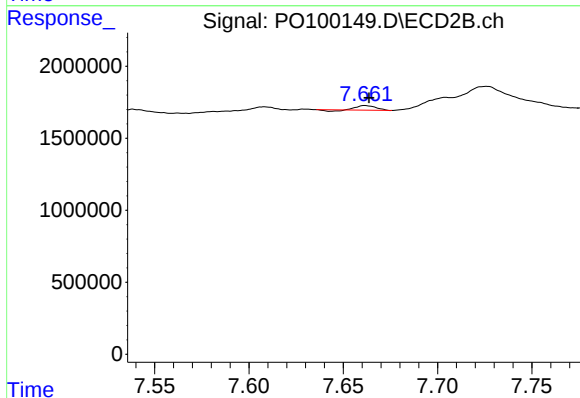
R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 842545
Conc: 19.34 ng/ml



#41 AR-1268-1

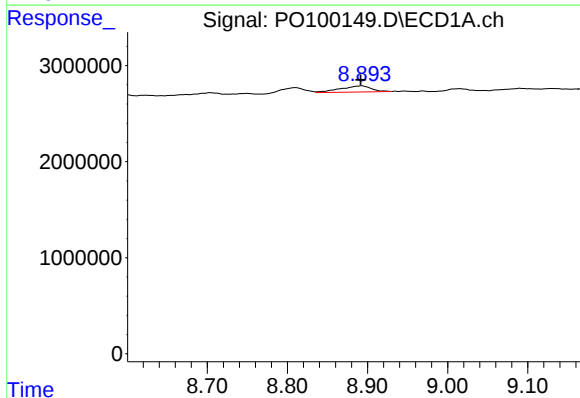
R.T.: 8.810 min
Delta R.T.: 0.016 min
Response: 1001601
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



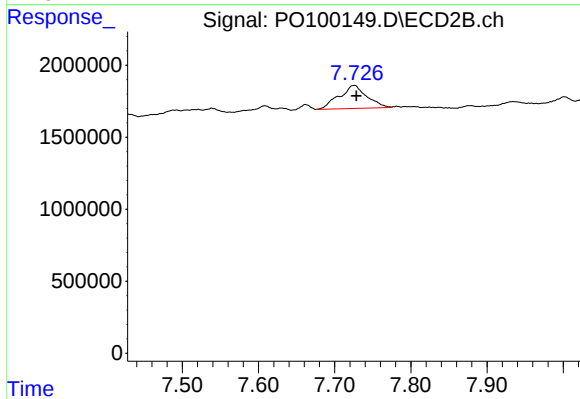
#41 AR-1268-1

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 188348
Conc: 1.13 ng/ml



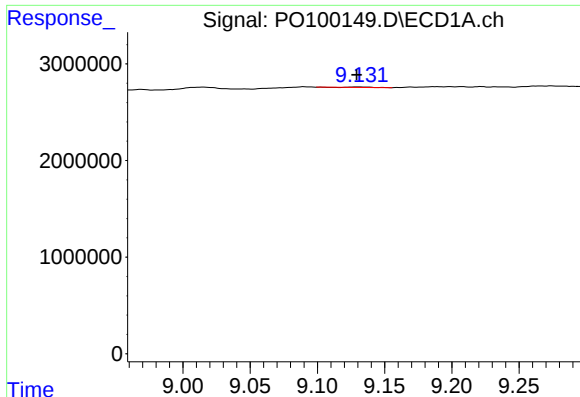
#42 AR-1268-2

R.T.: 8.893 min
Delta R.T.: 0.001 min
Response: 1741161
Conc: 18.09 ng/ml



#42 AR-1268-2

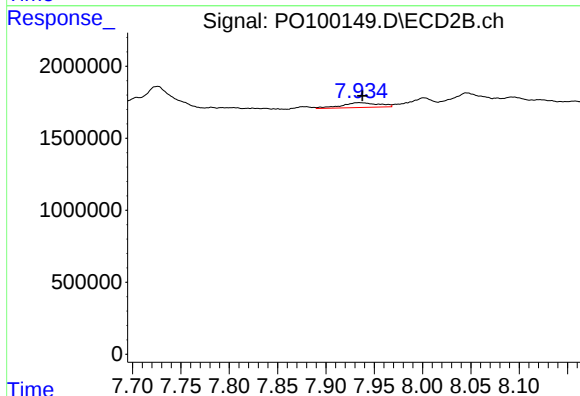
R.T.: 7.726 min
Delta R.T.: -0.002 min
Response: 4034809
Conc: 26.43 ng/ml



#43 AR-1268-3

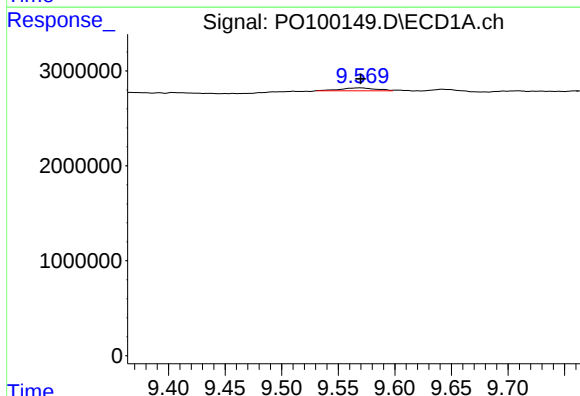
R.T.: 9.132 min
Delta R.T.: 0.002 min
Response: 44850
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



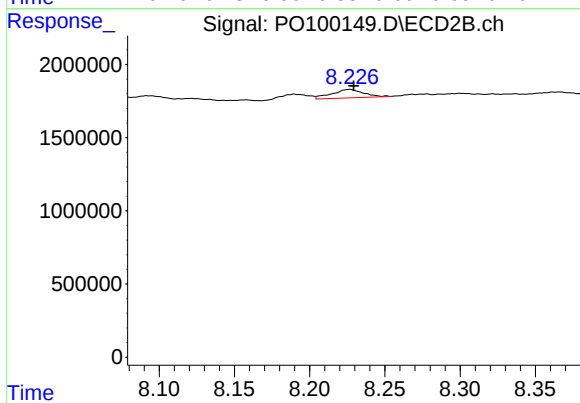
#43 AR-1268-3

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 904140
Conc: 6.31 ng/ml



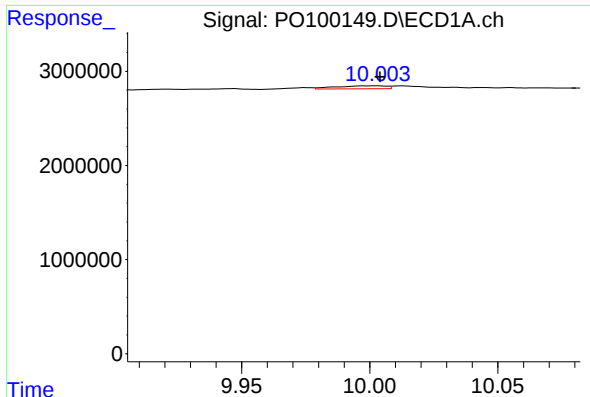
#44 AR-1268-4

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 657820
Conc: 23.13 ng/ml



#44 AR-1268-4

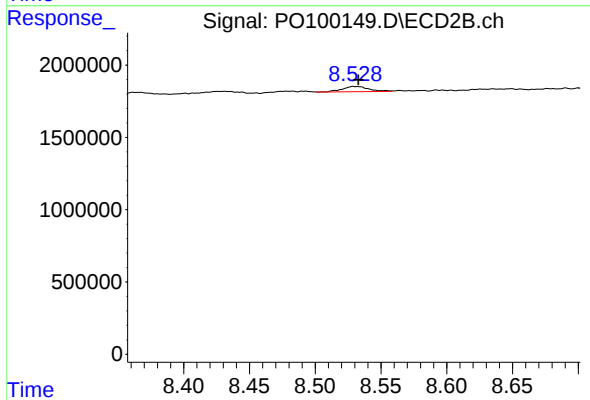
R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 842545
Conc: 17.93 ng/ml



#45 AR-1268-5

R.T.: 10.002 min
Delta R.T.: -0.002 min
Response: 437624
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.530 min
Delta R.T.: -0.003 min
Response: 503006
Conc: 1.26 ng/ml