

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080822\
 Data File : P0088722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 22:57
 Operator : YP/AJ
 Sample : N3980-09
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:10:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 2022
 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...	4.436	3.594	55678831	21767737	20.642	20.113
2)	SA Decachlor...	10.274	8.588	36452040	22559968	18.890	18.615
Target Compounds							
3)	L1 AR-1016-1	5.613	4.673	2620313	1118546	32.504	30.012
4)	L1 AR-1016-2	5.636	4.692	3667566	1573546	31.798	30.181
5)	L1 AR-1016-3	5.699	4.867	2548265	846414	35.263	28.930
6)	L1 AR-1016-4	5.798	4.909	1752996	735290	30.575	30.482
7)	L1 AR-1016-5	6.095	5.121	1766327	1069518	30.793	32.792
8)	L2 AR-1221-1	4.644	3.805	562690	229911	18.153	19.212
9)	L2 AR-1221-2	4.743	3.892	1057286	422532	45.730	46.781
10)	L2 AR-1221-3	4.809	3.966	1625470	611544	23.163	21.520
11)	L3 AR-1232-1	4.809	3.966	1625470	611544	29.262	27.008
12)	L3 AR-1232-2	5.148	4.692	2194383	1573546	79.146	68.153
13)	L3 AR-1232-3	5.636	4.867	3667566	846414	71.896	68.875
14)	L3 AR-1232-4	5.798	4.950	1752996	956357	70.089	81.141
15)	L3 AR-1232-5	5.888	5.121	1733677	1069518	84.237	79.494
16)	L4 AR-1242-1	5.613	4.673	2620313	1118546	38.987	36.482
17)	L4 AR-1242-2	5.636	4.692	3667566	1573546	38.003	36.521
18)	L4 AR-1242-3	5.699	4.867	2548265	846414	42.220	35.256
19)	L4 AR-1242-4	5.798	4.950	1752996	956357	36.366	37.931
20)	L4 AR-1242-5	6.540	5.473	596829	948582	11.500	29.793 #
21)	L5 AR-1248-1	5.613	4.673	2620313	1118546	50.789	47.637
22)	L5 AR-1248-2	5.888	4.909	1733677	735290	22.583	20.488
23)	L5 AR-1248-3	6.095	4.950	1766327	956357	21.384	25.117
24)	L5 AR-1248-4	6.499	5.121	620212	1069518	6.906	23.290 #
25)	L5 AR-1248-5	6.540	5.514	596829	232775	6.733	5.331
26)	L6 AR-1254-1	6.474	5.473	1676395	948582	18.352	13.773
27)	L6 AR-1254-2	6.692	5.620	1499694	712648	10.966	12.034
28)	L6 AR-1254-3	7.064	6.039	895601	1220200	6.364	13.122 #
29)	L6 AR-1254-4	7.352	6.283	386422	548620	3.824	9.684 #
30)	L6 AR-1254-5	7.768	6.669	3746485	2361691	35.182	28.933
31)	L7 AR-1260-1	7.227	6.153	3110758	1946151	30.100	30.622
32)	L7 AR-1260-2	7.484	6.342	3617274	2436159	30.603	31.793
33)	L7 AR-1260-3	7.846	6.494	2475232	1974685	28.178	27.487
34)	L7 AR-1260-4	8.073	6.965	2947738	1813749	30.097	29.723
35)	L7 AR-1260-5	8.400	7.208	5659453	3899816	30.725	27.650
36)	L8 AR-1262-1	7.846	6.761	2475232	991260	19.534	28.310 #
37)	L8 AR-1262-2	8.400	7.208	5659453	3899816	26.956	25.459
38)	L8 AR-1262-3	8.734	7.491	3452072	1056373	38.290	17.127 #
39)	L8 AR-1262-4	8.812	7.555	937012	2830993	14.215	24.859 #
40)	L8 AR-1262-5	9.489	8.049	1693790	1117355	21.124	20.812
41)	L9 AR-1268-1	8.734	7.491	3452072	1056373	13.919	5.966 #

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 Sample : N3980-09
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

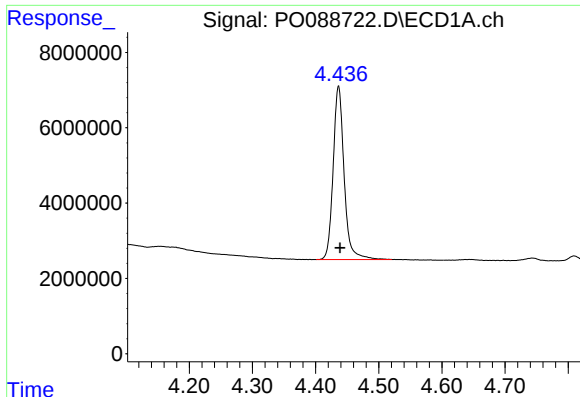
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:10:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.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	8.812	7.555	937012	2830993	4.119	17.634 #
43) L9	AR-1268-3	9.056	7.762	174017	190775	0.888	1.383 #
44) L9	AR-1268-4	9.489	8.049	1693790	1117355	19.452	19.305
45) L9	AR-1268-5	9.919	8.338	623578	441384	0.997	1.082

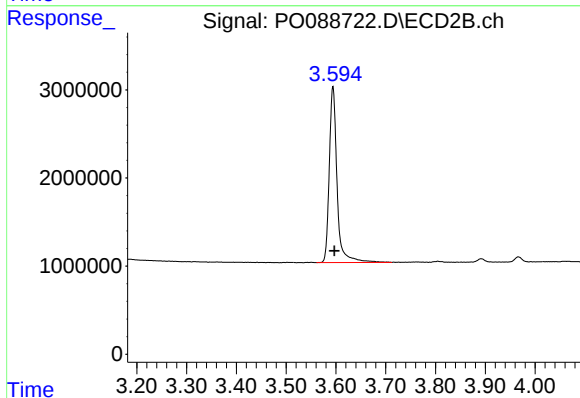
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

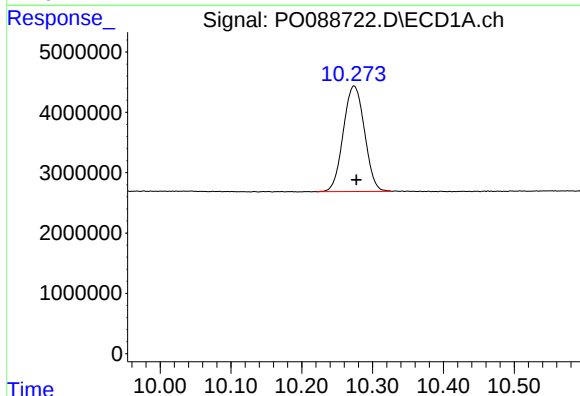
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 55678831
Conc: 20.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



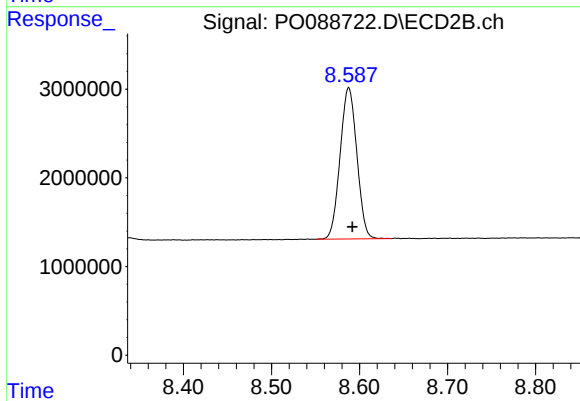
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 21767737
Conc: 20.11 ng/ml



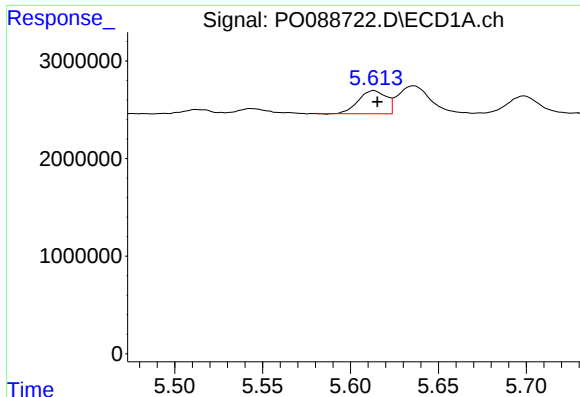
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: -0.003 min
Response: 36452040
Conc: 18.89 ng/ml



#2 Decachlorobiphenyl

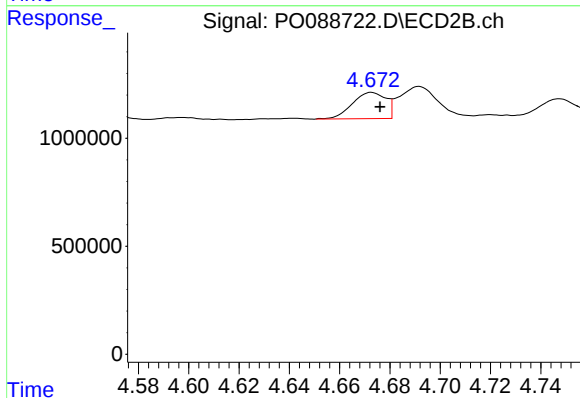
R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 22559968
Conc: 18.62 ng/ml



#3 AR-1016-1

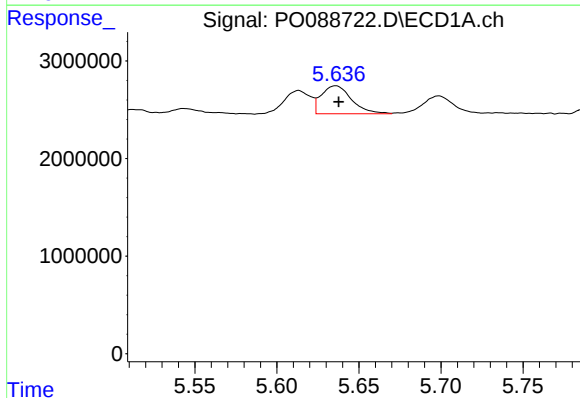
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 2620313
Conc: 32.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



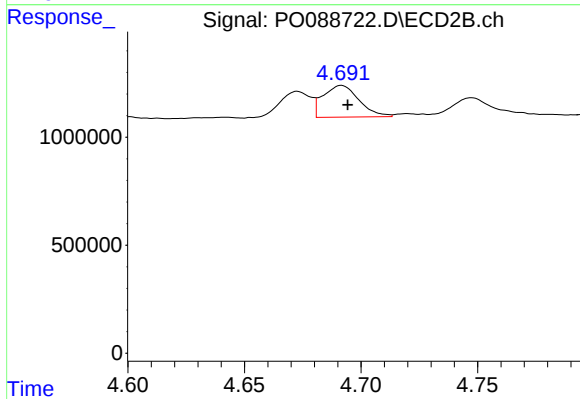
#3 AR-1016-1

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 1118546
Conc: 30.01 ng/ml



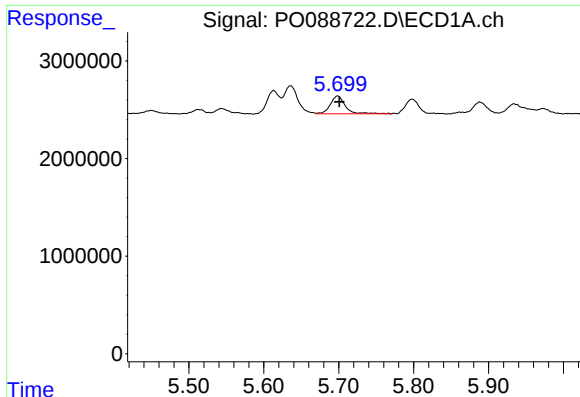
#4 AR-1016-2

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 3667566
Conc: 31.80 ng/ml



#4 AR-1016-2

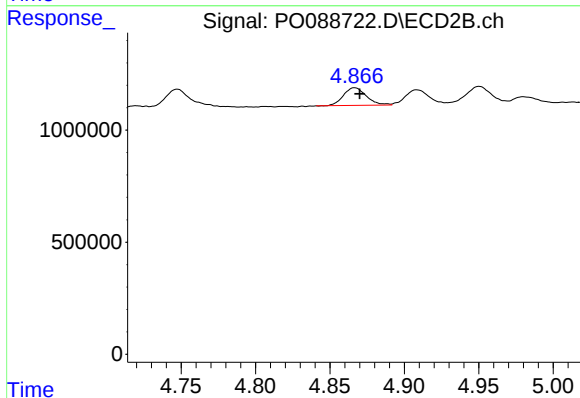
R.T.: 4.692 min
Delta R.T.: -0.003 min
Response: 1573546
Conc: 30.18 ng/ml



#5 AR-1016-3

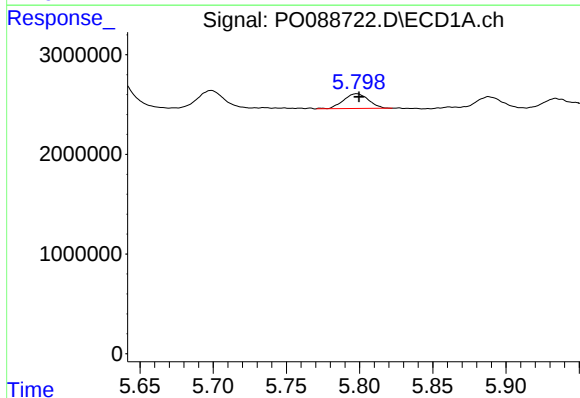
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 2548265
Conc: 35.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



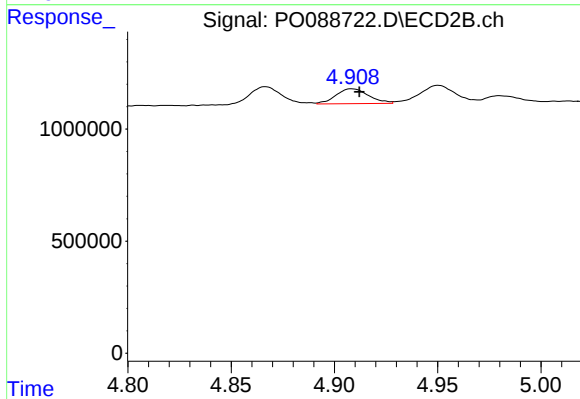
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 846414
Conc: 28.93 ng/ml



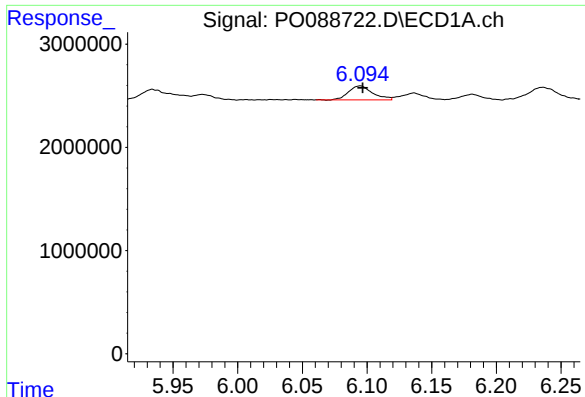
#6 AR-1016-4

R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 1752996
Conc: 30.57 ng/ml



#6 AR-1016-4

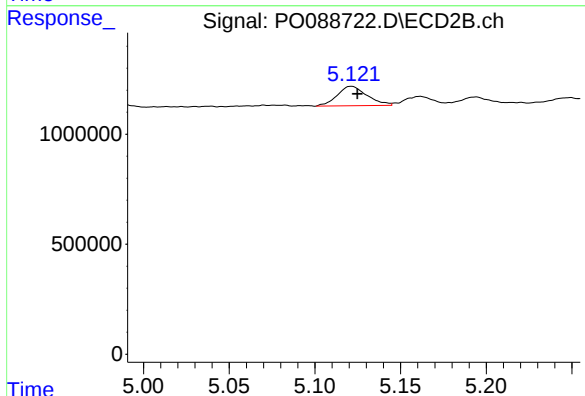
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 735290
Conc: 30.48 ng/ml



#7 AR-1016-5

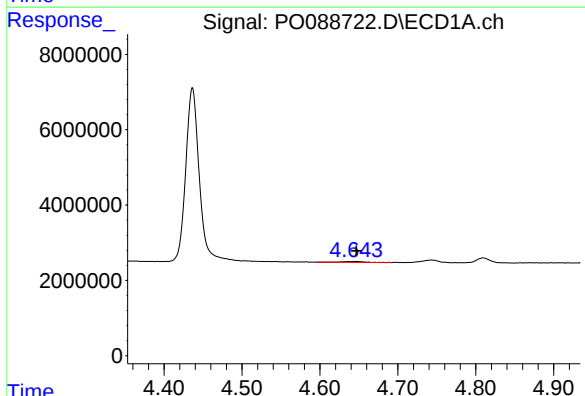
R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 1766327
Conc: 30.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



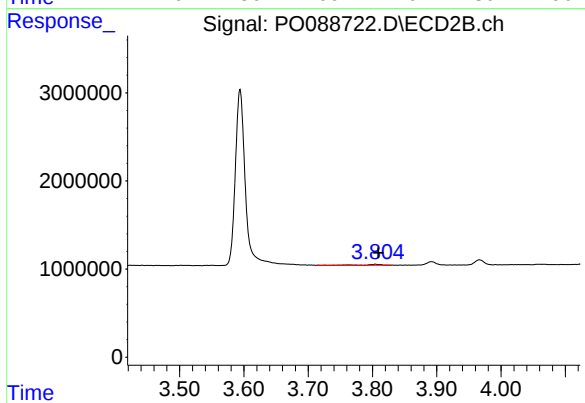
#7 AR-1016-5

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 1069518
Conc: 32.79 ng/ml



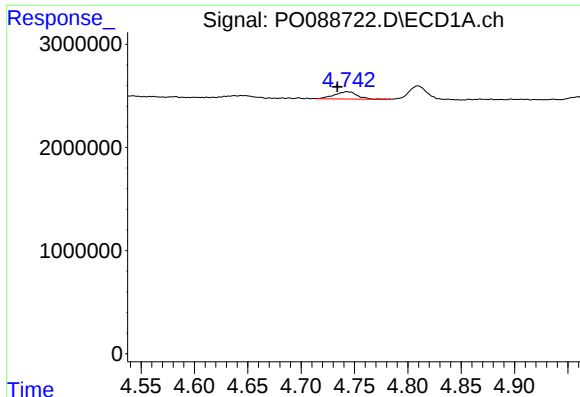
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 562690
Conc: 18.15 ng/ml



#8 AR-1221-1

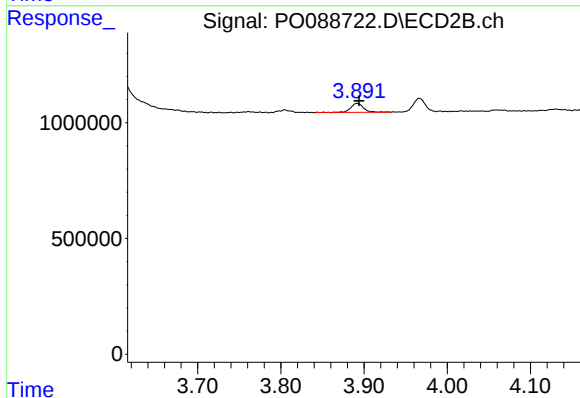
R.T.: 3.805 min
Delta R.T.: -0.004 min
Response: 229911
Conc: 19.21 ng/ml



#9 AR-1221-2

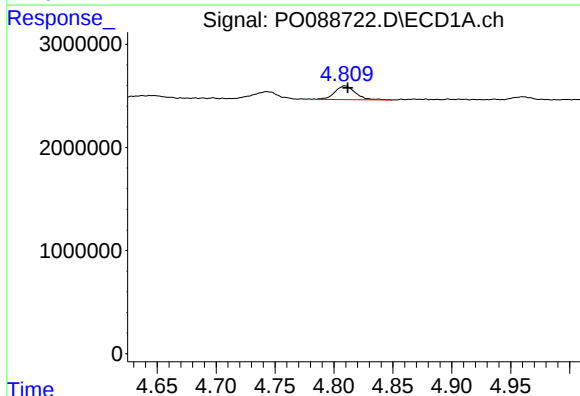
R.T.: 4.743 min
Delta R.T.: 0.009 min
Response: 1057286
Conc: 45.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



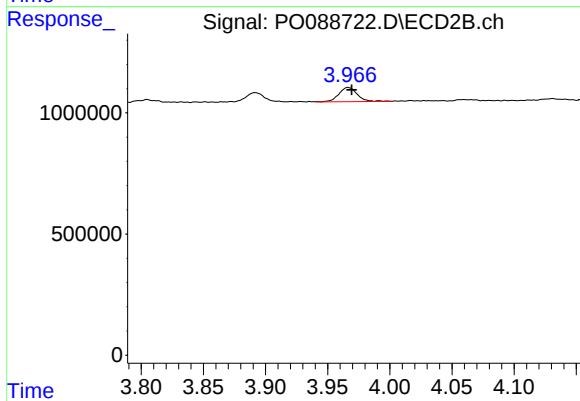
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.002 min
Response: 422532
Conc: 46.78 ng/ml



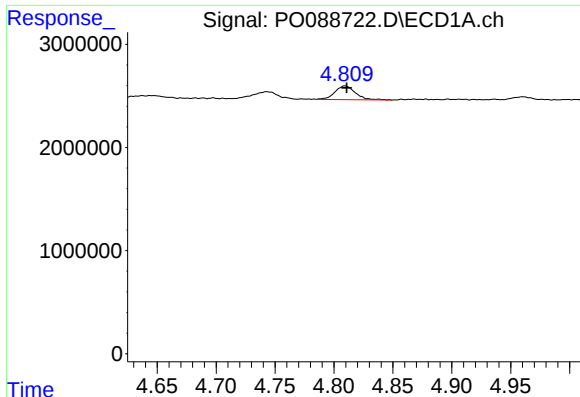
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 1625470
Conc: 23.16 ng/ml



#10 AR-1221-3

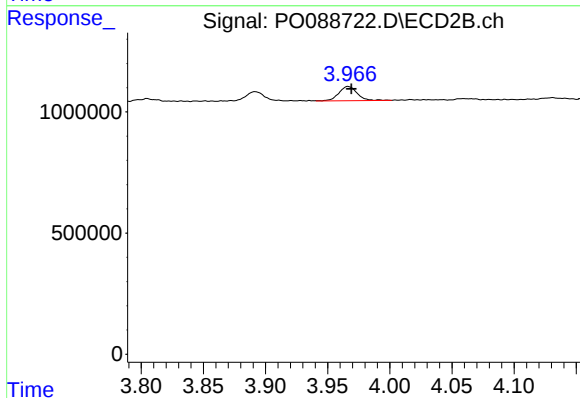
R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 611544
Conc: 21.52 ng/ml



#11 AR-1232-1

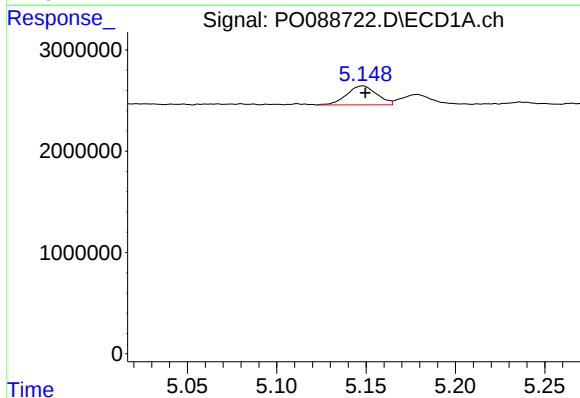
R.T.: 4.809 min
Delta R.T.: -0.001 min
Response: 1625470
Conc: 29.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



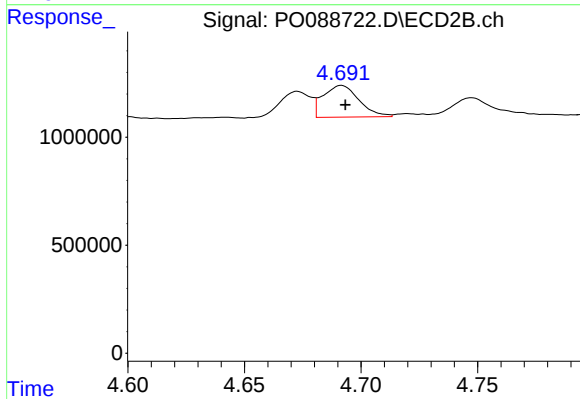
#11 AR-1232-1

R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 611544
Conc: 27.01 ng/ml



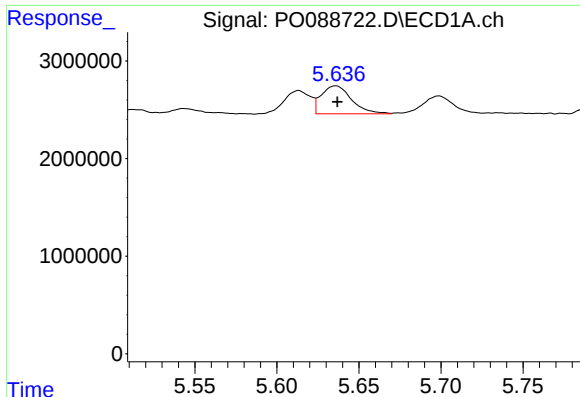
#12 AR-1232-2

R.T.: 5.148 min
Delta R.T.: -0.001 min
Response: 2194383
Conc: 79.15 ng/ml



#12 AR-1232-2

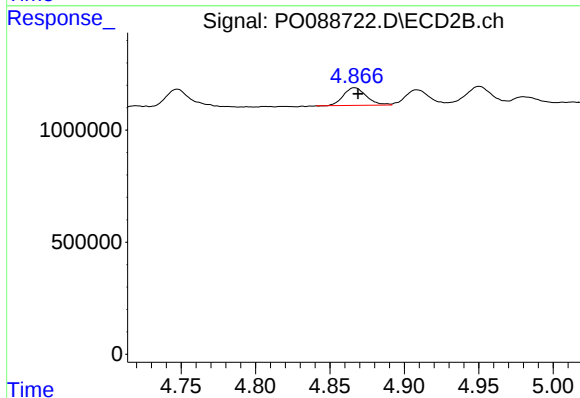
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 1573546
Conc: 68.15 ng/ml



#13 AR-1232-3

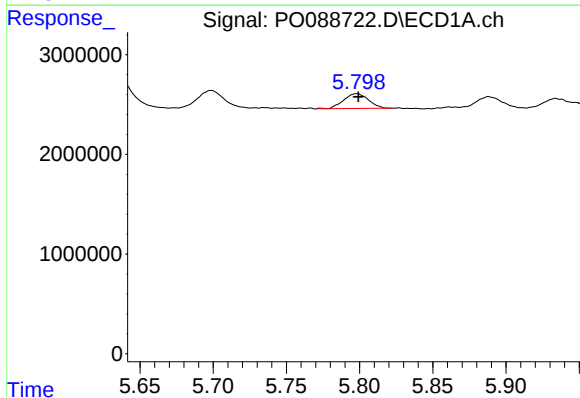
R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 3667566
Conc: 71.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



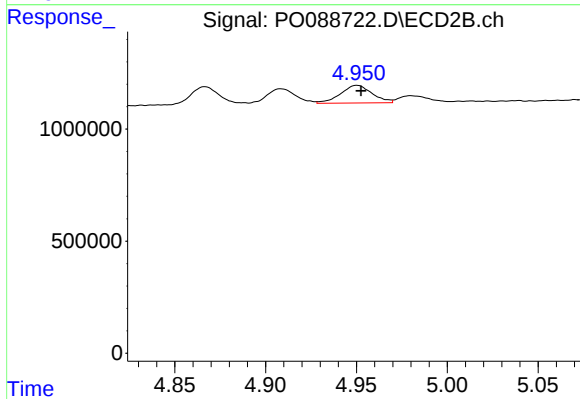
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 846414
Conc: 68.88 ng/ml



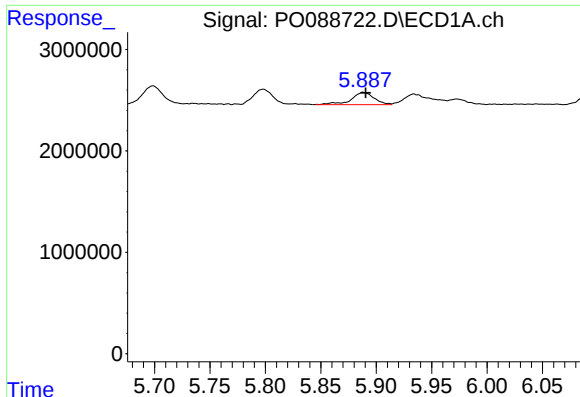
#14 AR-1232-4

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 1752996
Conc: 70.09 ng/ml



#14 AR-1232-4

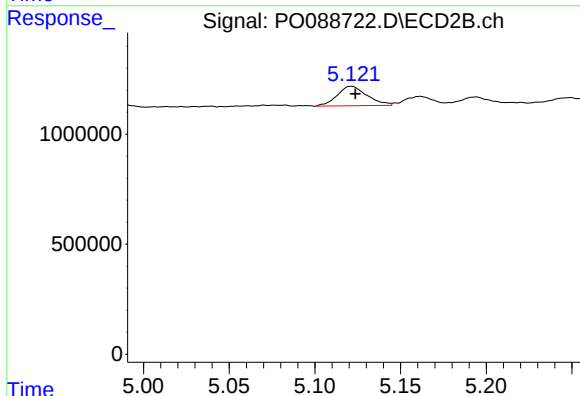
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 956357
Conc: 81.14 ng/ml



#15 AR-1232-5

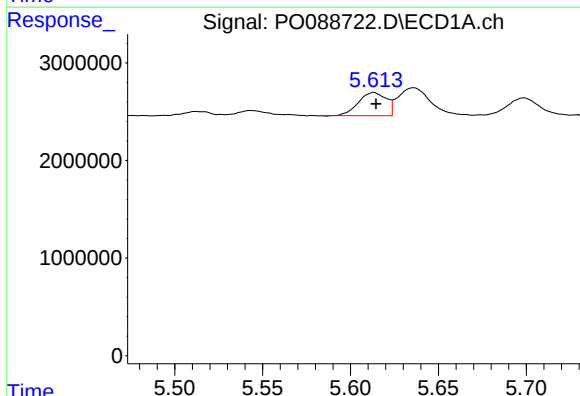
R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 1733677
Conc: 84.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



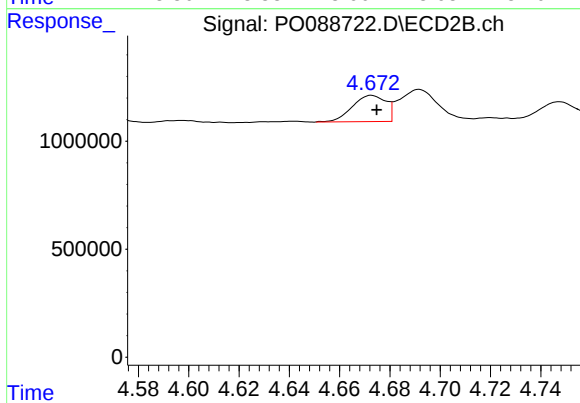
#15 AR-1232-5

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 1069518
Conc: 79.49 ng/ml



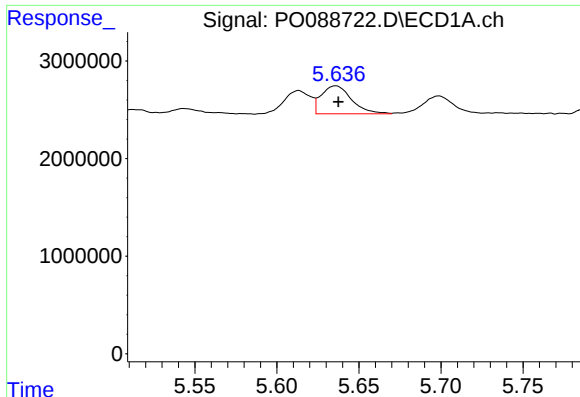
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: -0.001 min
Response: 2620313
Conc: 38.99 ng/ml



#16 AR-1242-1

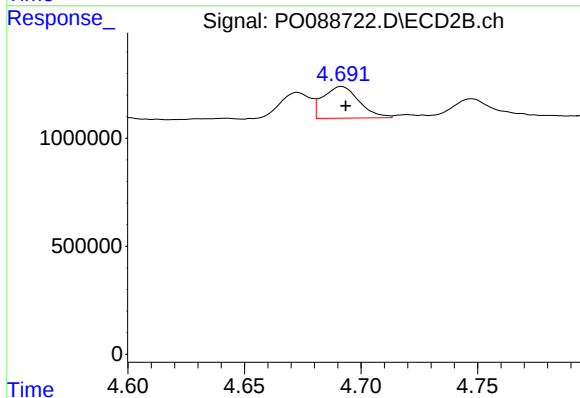
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 1118546
Conc: 36.48 ng/ml



#17 AR-1242-2

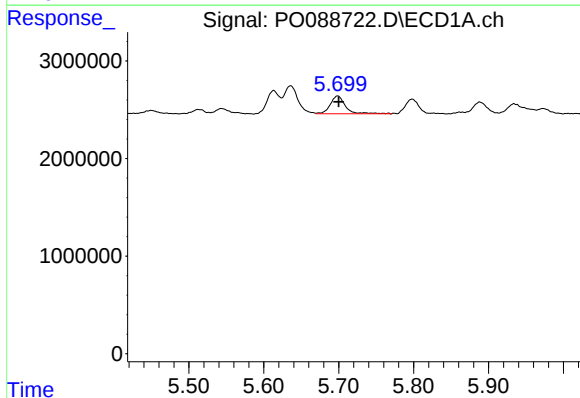
R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 3667566
Conc: 38.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



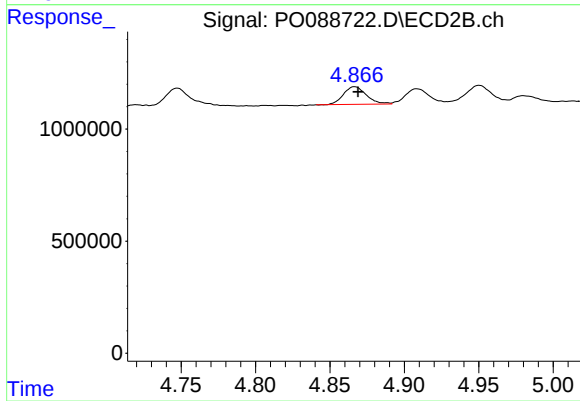
#17 AR-1242-2

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 1573546
Conc: 36.52 ng/ml



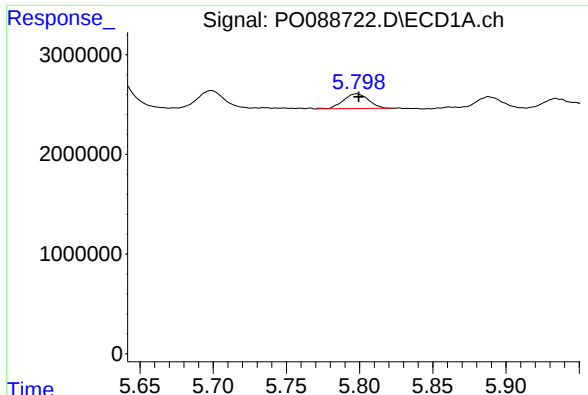
#18 AR-1242-3

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 2548265
Conc: 42.22 ng/ml



#18 AR-1242-3

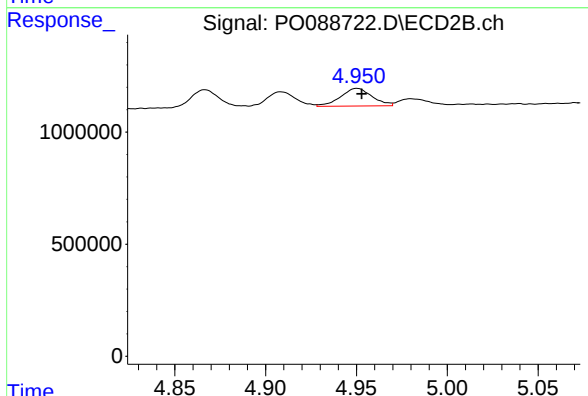
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 846414
Conc: 35.26 ng/ml



#19 AR-1242-4

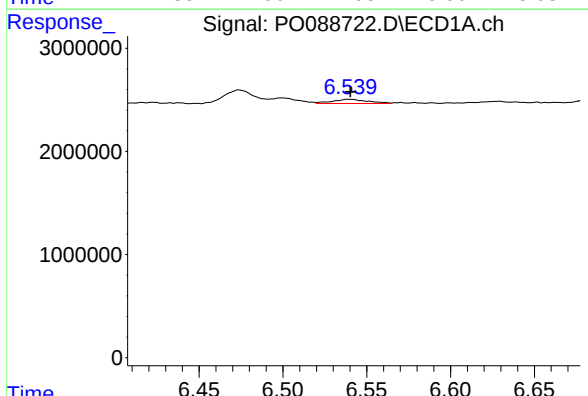
R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 1752996
Conc: 36.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



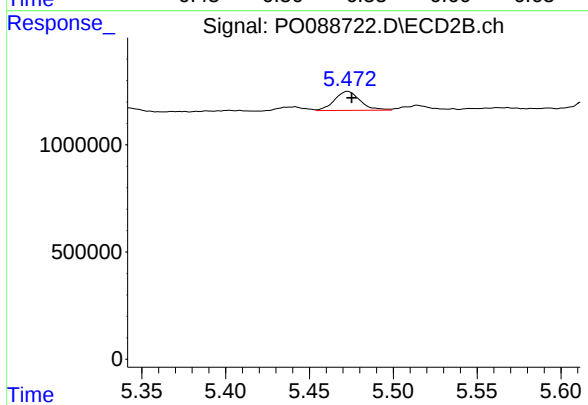
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 956357
Conc: 37.93 ng/ml



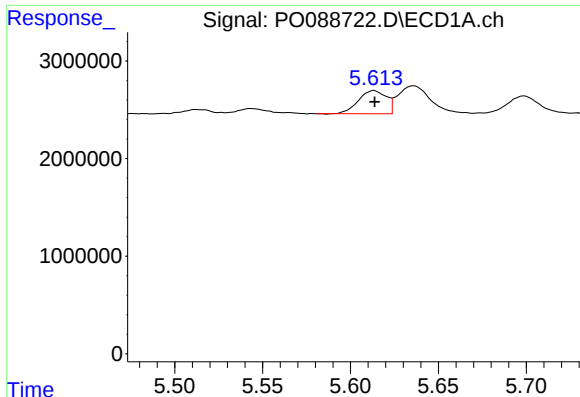
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 596829
Conc: 11.50 ng/ml



#20 AR-1242-5

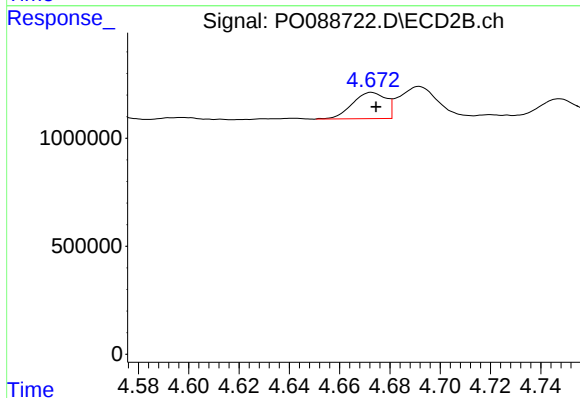
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 948582
Conc: 29.79 ng/ml



#21 AR-1248-1

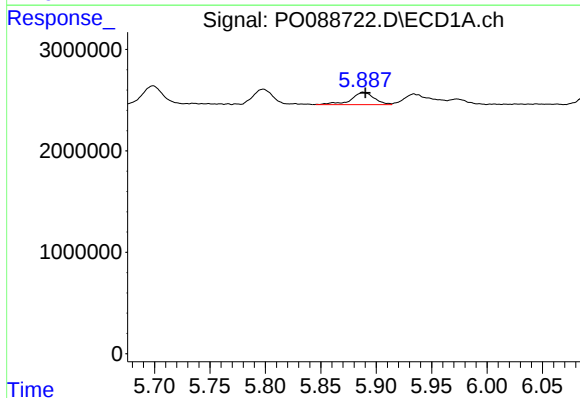
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 2620313
Conc: 50.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



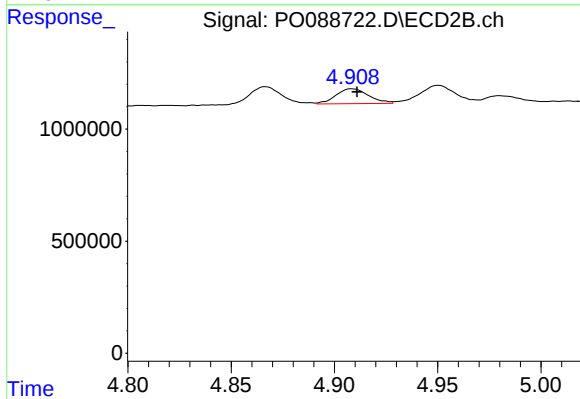
#21 AR-1248-1

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 1118546
Conc: 47.64 ng/ml



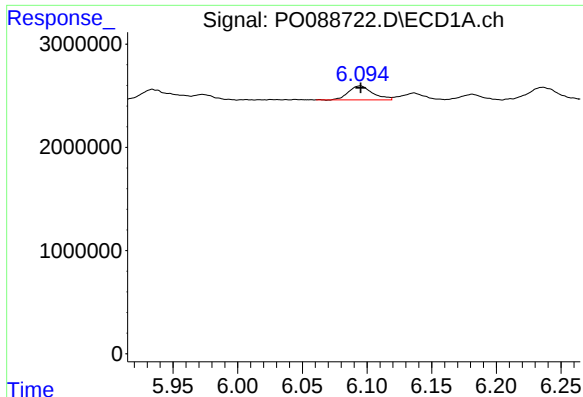
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 1733677
Conc: 22.58 ng/ml



#22 AR-1248-2

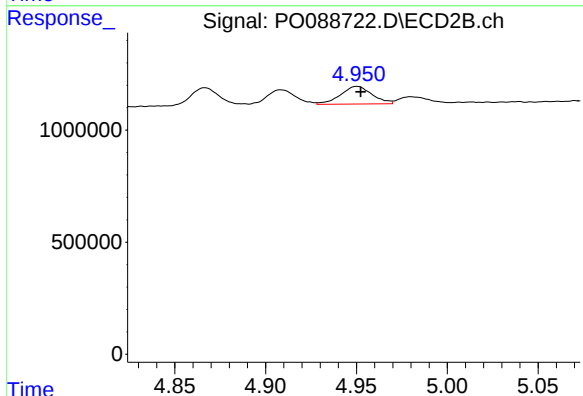
R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 735290
Conc: 20.49 ng/ml



#23 AR-1248-3

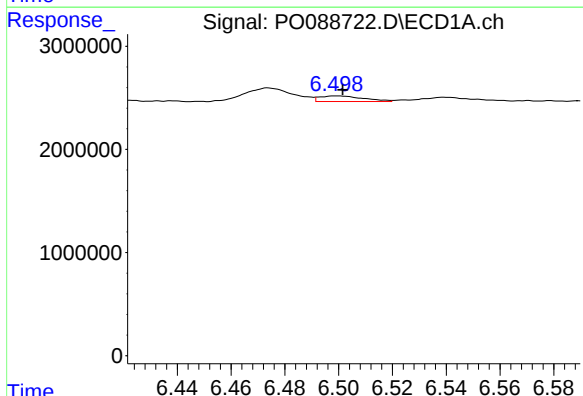
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 1766327
Conc: 21.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



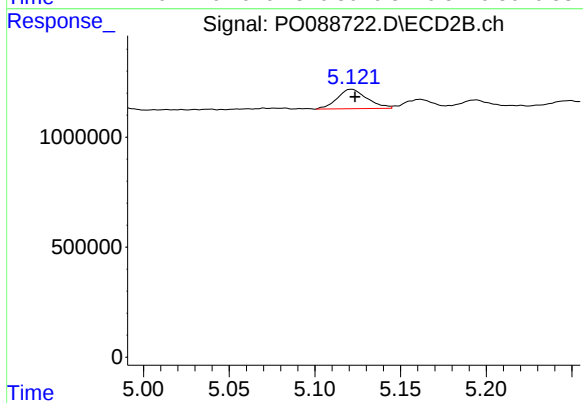
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 956357
Conc: 25.12 ng/ml



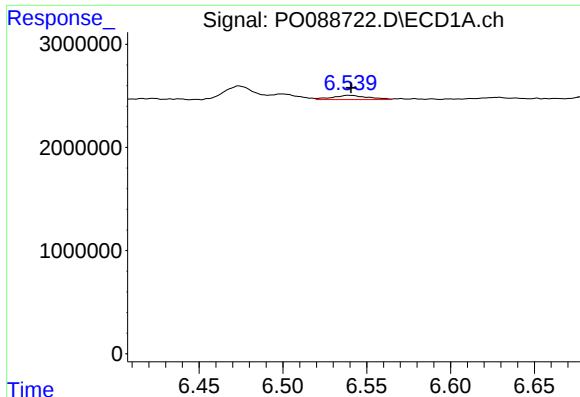
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 620212
Conc: 6.91 ng/ml



#24 AR-1248-4

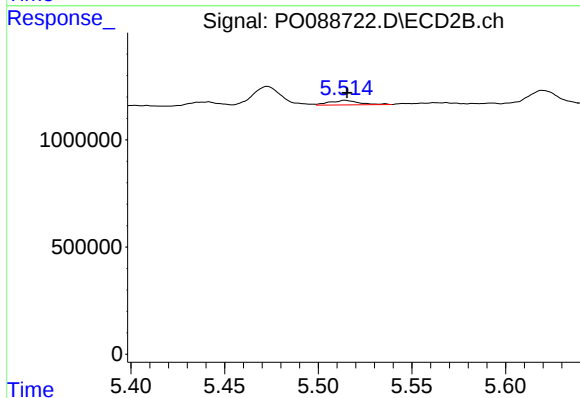
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 1069518
Conc: 23.29 ng/ml



#25 AR-1248-5

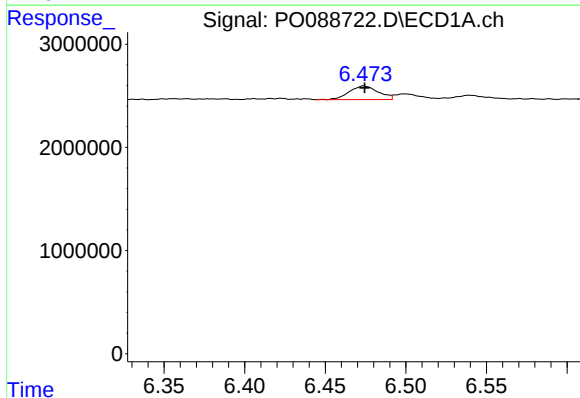
R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 596829
Conc: 6.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



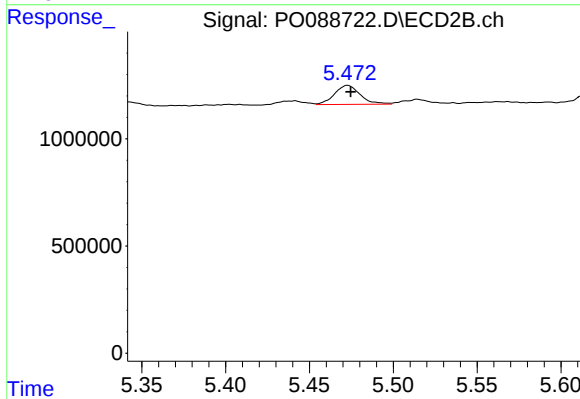
#25 AR-1248-5

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 232775
Conc: 5.33 ng/ml



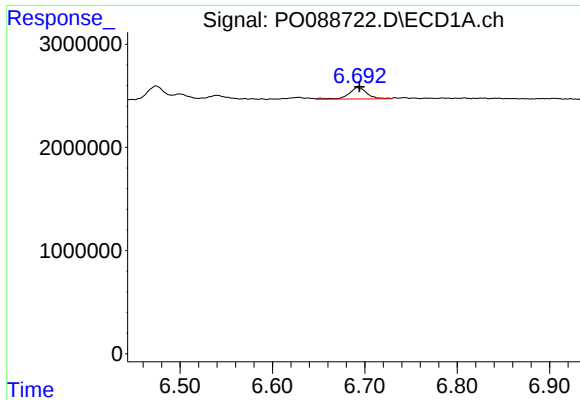
#26 AR-1254-1

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1676395
Conc: 18.35 ng/ml



#26 AR-1254-1

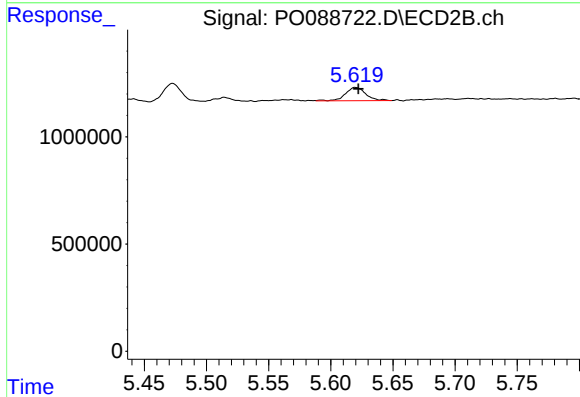
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 948582
Conc: 13.77 ng/ml



#27 AR-1254-2

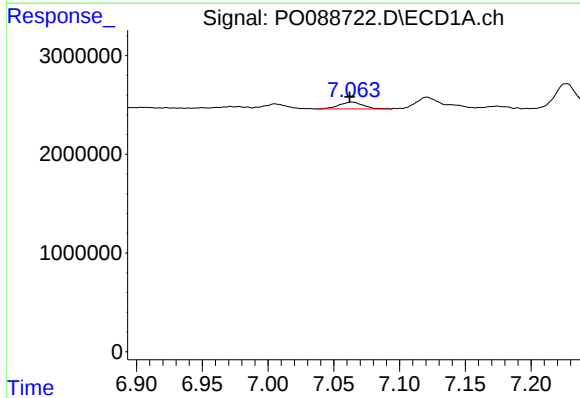
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 1499694
Conc: 10.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



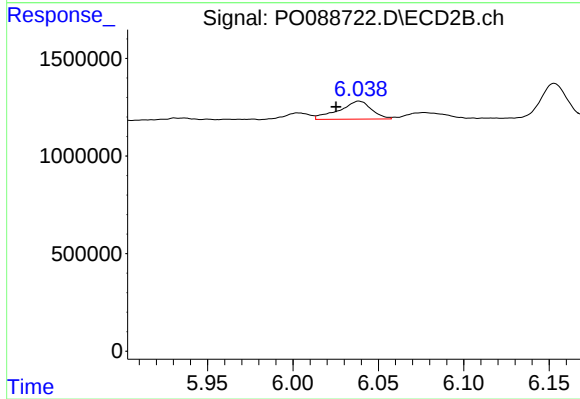
#27 AR-1254-2

R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 712648
Conc: 12.03 ng/ml



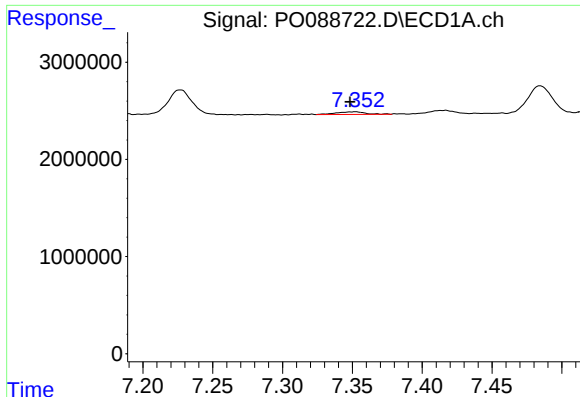
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.002 min
Response: 895601
Conc: 6.36 ng/ml



#28 AR-1254-3

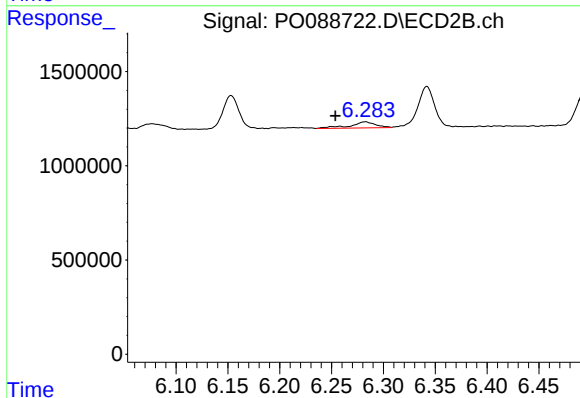
R.T.: 6.039 min
Delta R.T.: 0.014 min
Response: 1220200
Conc: 13.12 ng/ml



#29 AR-1254-4

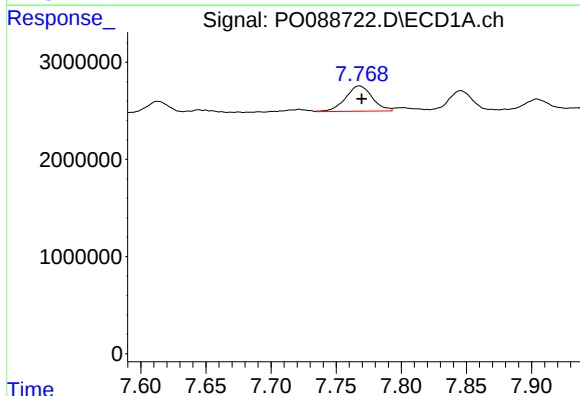
R.T.: 7.352 min
Delta R.T.: 0.004 min
Response: 386422
Conc: 3.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



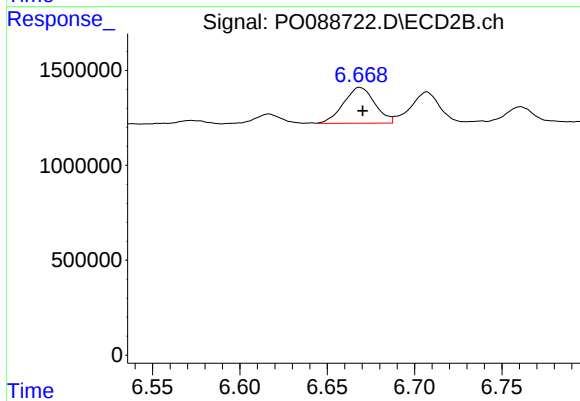
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: 0.029 min
Response: 548620
Conc: 9.68 ng/ml



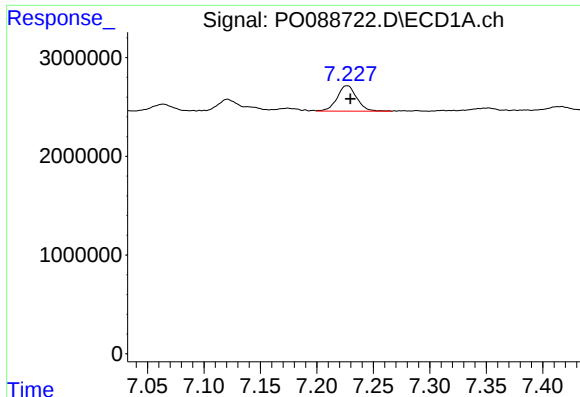
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 3746485
Conc: 35.18 ng/ml



#30 AR-1254-5

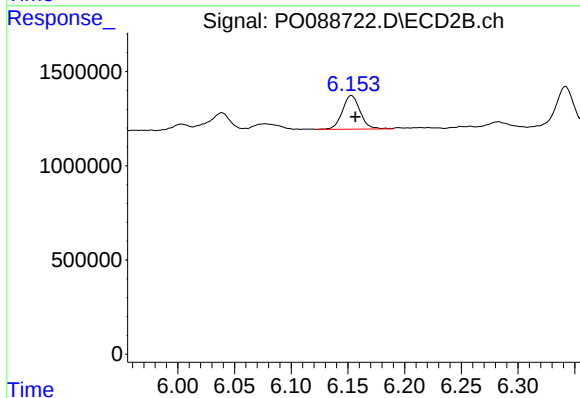
R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 2361691
Conc: 28.93 ng/ml



#31 AR-1260-1

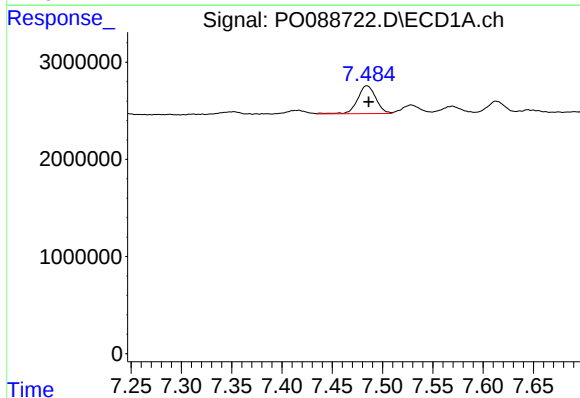
R.T.: 7.227 min
Delta R.T.: -0.003 min
Response: 3110758
Conc: 30.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



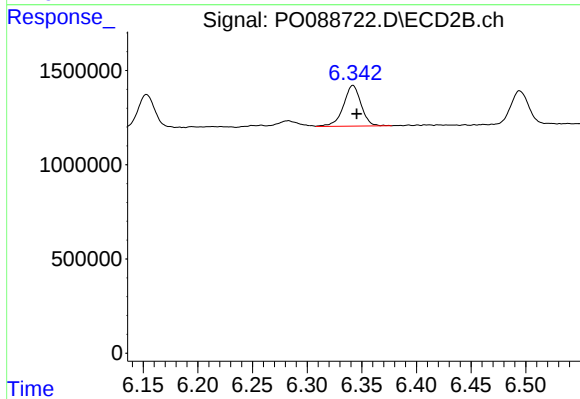
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.004 min
Response: 1946151
Conc: 30.62 ng/ml



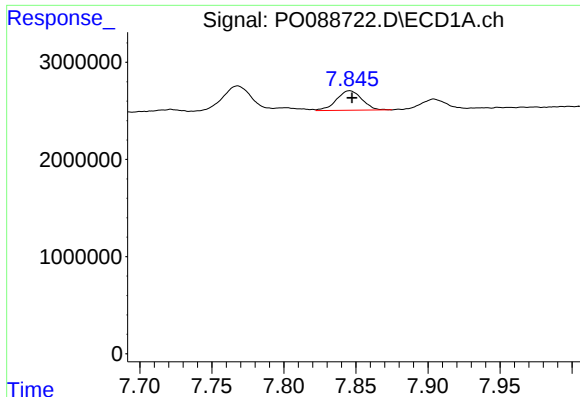
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 3617274
Conc: 30.60 ng/ml



#32 AR-1260-2

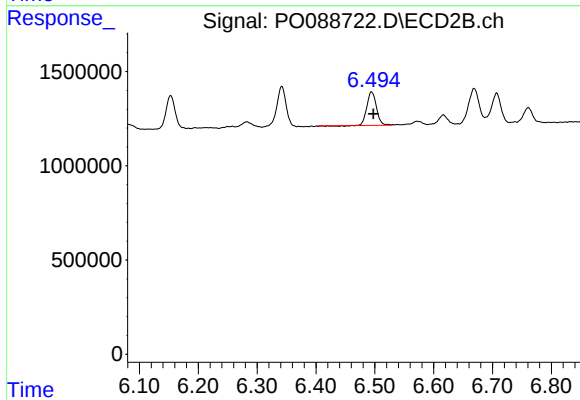
R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 2436159
Conc: 31.79 ng/ml



#33 AR-1260-3

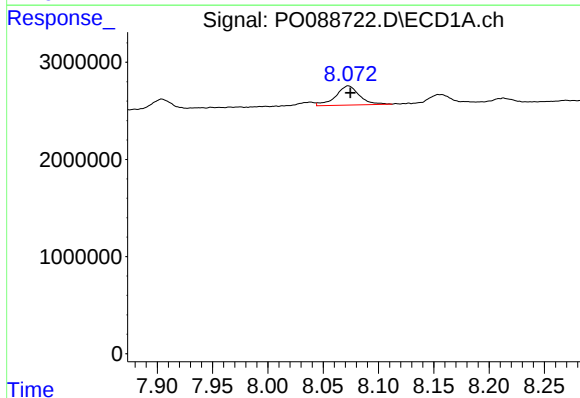
R.T.: 7.846 min
Delta R.T.: -0.002 min
Response: 2475232
Conc: 28.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



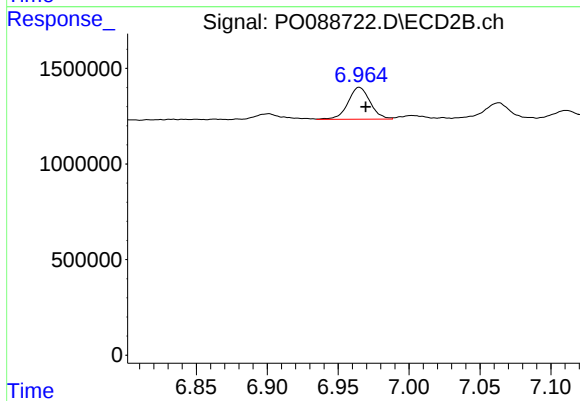
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 1974685
Conc: 27.49 ng/ml



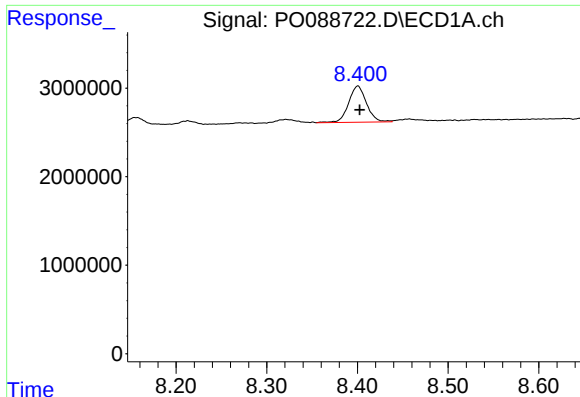
#34 AR-1260-4

R.T.: 8.073 min
Delta R.T.: -0.002 min
Response: 2947738
Conc: 30.10 ng/ml



#34 AR-1260-4

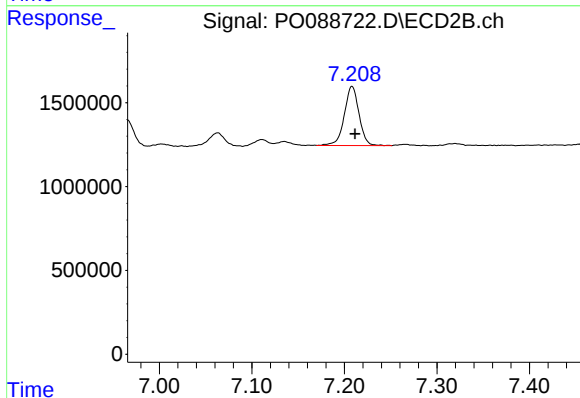
R.T.: 6.965 min
Delta R.T.: -0.005 min
Response: 1813749
Conc: 29.72 ng/ml



#35 AR-1260-5

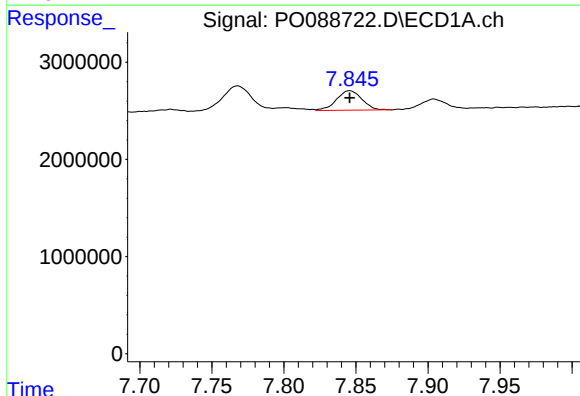
R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 5659453
Conc: 30.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



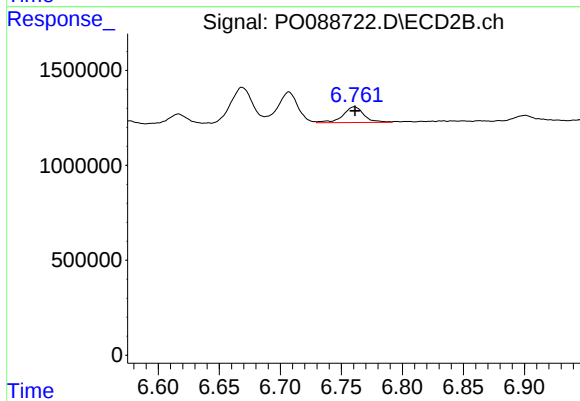
#35 AR-1260-5

R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 3899816
Conc: 27.65 ng/ml



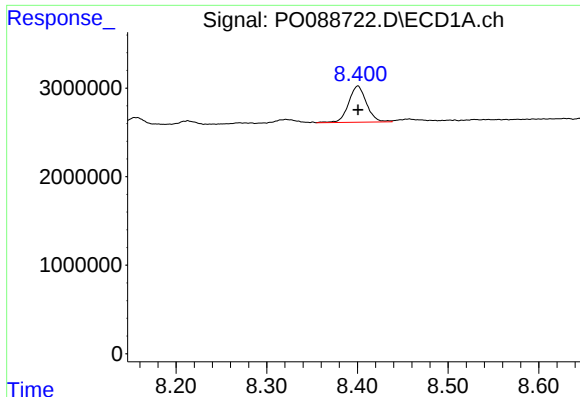
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 2475232
Conc: 19.53 ng/ml



#36 AR-1262-1

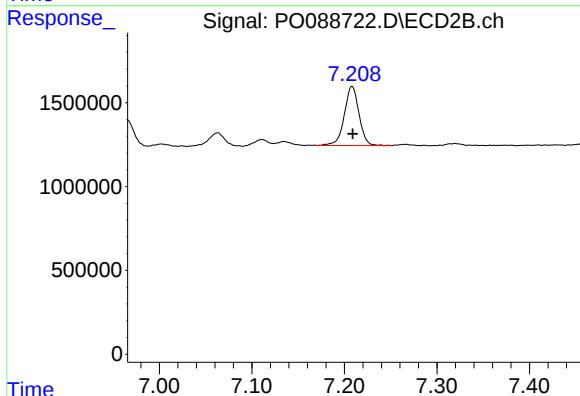
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 991260
Conc: 28.31 ng/ml



#37 AR-1262-2

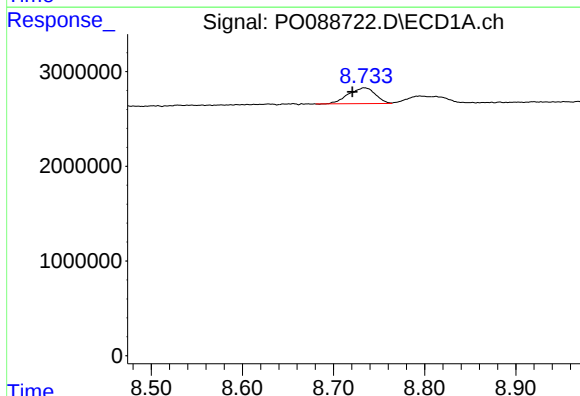
R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 5659453
Conc: 26.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



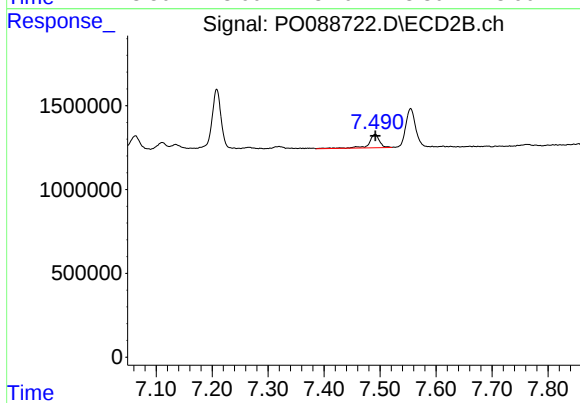
#37 AR-1262-2

R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 3899816
Conc: 25.46 ng/ml



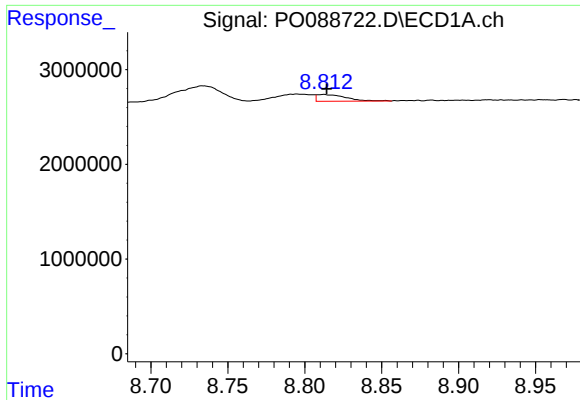
#38 AR-1262-3

R.T.: 8.734 min
Delta R.T.: 0.013 min
Response: 3452072
Conc: 38.29 ng/ml



#38 AR-1262-3

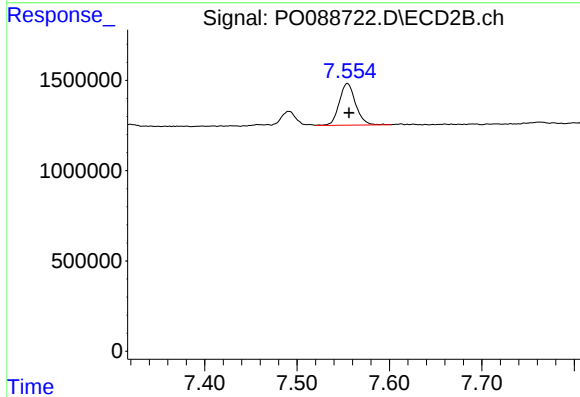
R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 1056373
Conc: 17.13 ng/ml



#39 AR-1262-4

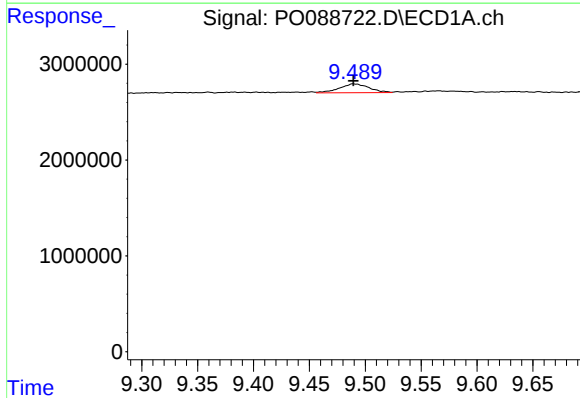
R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 937012
Conc: 14.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



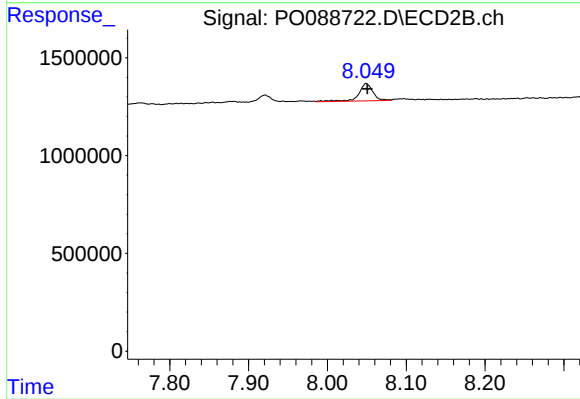
#39 AR-1262-4

R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 2830993
Conc: 24.86 ng/ml



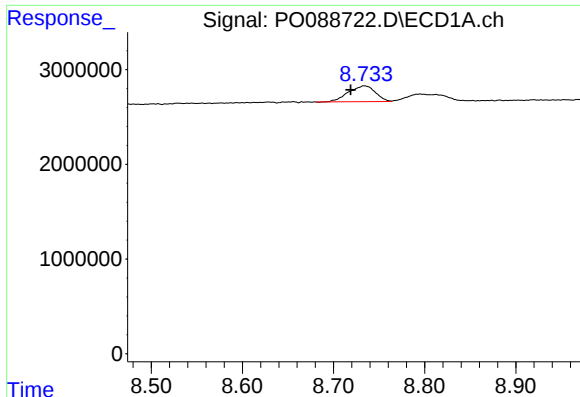
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 1693790
Conc: 21.12 ng/ml



#40 AR-1262-5

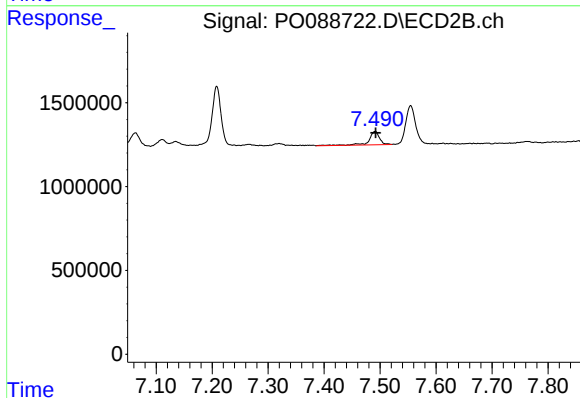
R.T.: 8.049 min
Delta R.T.: -0.001 min
Response: 1117355
Conc: 20.81 ng/ml



#41 AR-1268-1

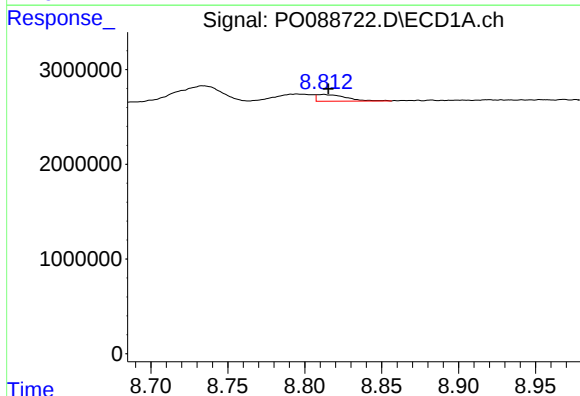
R.T.: 8.734 min
Delta R.T.: 0.015 min
Response: 3452072
Conc: 13.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



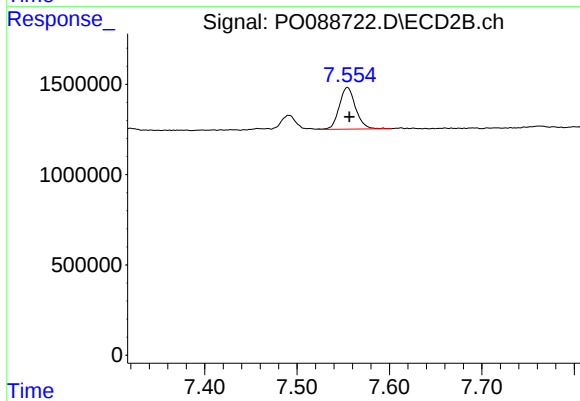
#41 AR-1268-1

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 1056373
Conc: 5.97 ng/ml



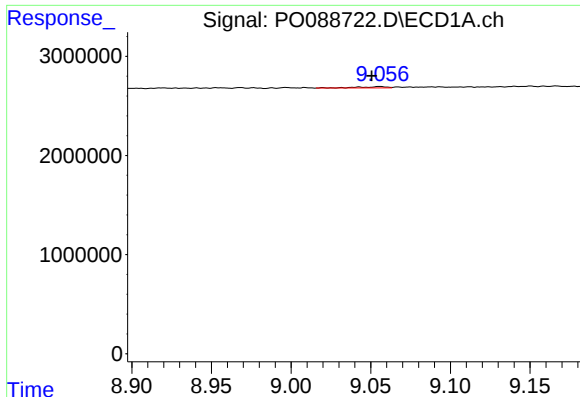
#42 AR-1268-2

R.T.: 8.812 min
Delta R.T.: -0.003 min
Response: 937012
Conc: 4.12 ng/ml



#42 AR-1268-2

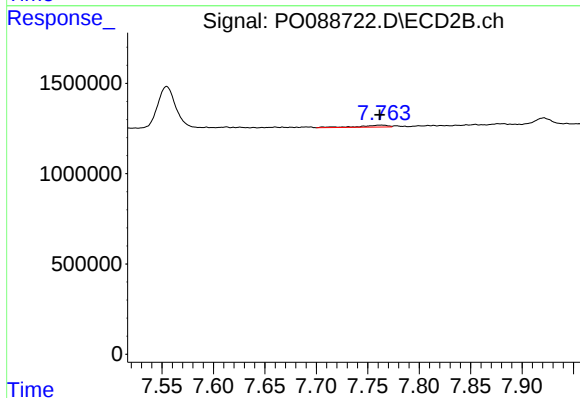
R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 2830993
Conc: 17.63 ng/ml



#43 AR-1268-3

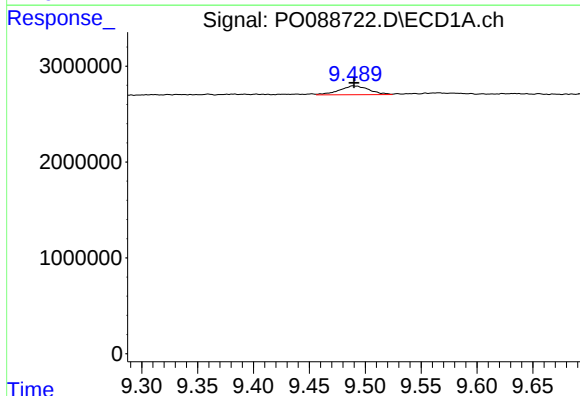
R.T.: 9.056 min
Delta R.T.: 0.005 min
Response: 174017
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



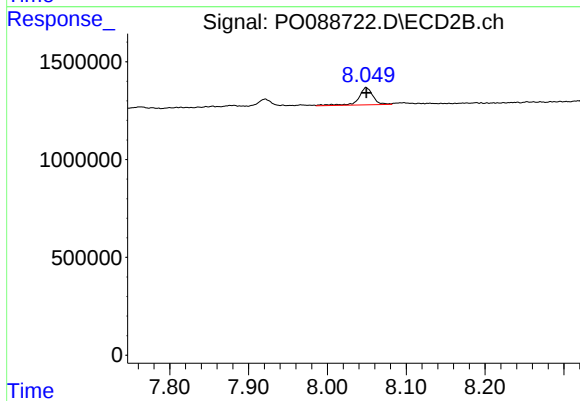
#43 AR-1268-3

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 190775
Conc: 1.38 ng/ml



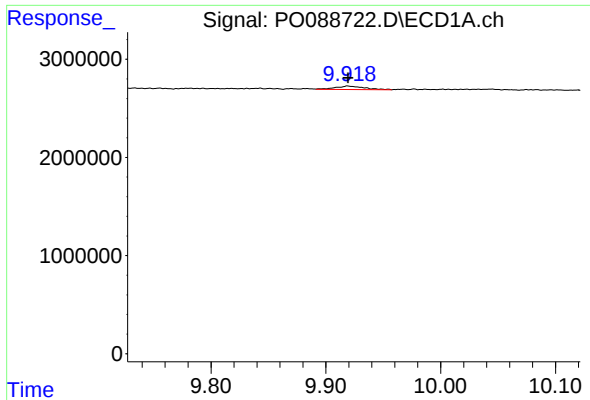
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 1693790
Conc: 19.45 ng/ml



#44 AR-1268-4

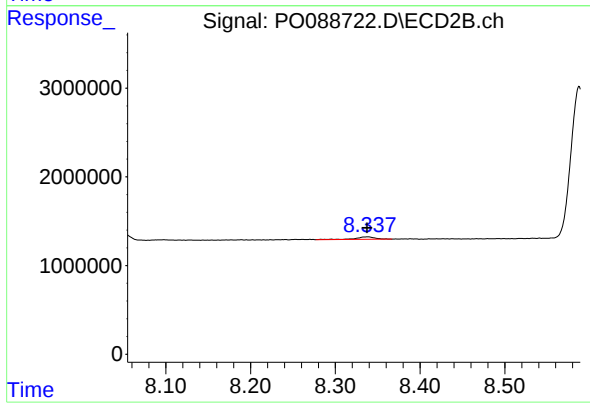
R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 1117355
Conc: 19.30 ng/ml



#45 AR-1268-5

R.T.: 9.919 min
Delta R.T.: 0.000 min
Response: 623578
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 441384
Conc: 1.08 ng/ml