

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080922\
 Data File : P0088768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 13:58
 Operator : YP/AJ
 Sample : N3980-03
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 03:02:08 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...	4.437	3.594	56562972	20862332	20.970	19.276
2)	SA Decachlor...	10.280	8.588	41573970	25843962	21.544	21.325
Target Compounds							
3)	L1 AR-1016-1	5.613	4.673	3494128	1451653	43.343	38.950
4)	L1 AR-1016-2	5.636	4.691	4994500	2048168	43.302	39.285
5)	L1 AR-1016-3	5.698	4.867	3138357	1102278	43.429	37.675
6)	L1 AR-1016-4	5.797	4.909	2515248	940402	43.870	38.985
7)	L1 AR-1016-5	6.095	5.121	2314871	1307331	40.356	40.084
8)	L2 AR-1221-1	4.644	0.000	729548	0	23.536	N.D. #
9)	L2 AR-1221-2	4.743	3.891	1498433	448797	64.811	49.689
10)	L2 AR-1221-3	4.809	3.966	2122098	785706	30.240	27.648
11)	L3 AR-1232-1	4.809	3.966	2122098	785706	38.203	34.700
12)	L3 AR-1232-2	5.148	4.691	3023319	2048168	109.044	88.709
13)	L3 AR-1232-3	5.636	4.867	4994500	1102278	97.908	89.696
14)	L3 AR-1232-4	5.797	4.950	2515248	1205820	100.566	102.306
15)	L3 AR-1232-5	5.889	5.121	2376057	1307331	115.450	97.170
16)	L4 AR-1242-1	5.613	4.673	3494128	1451653	51.988	47.346
17)	L4 AR-1242-2	5.636	4.691	4994500	2048168	51.753	47.537
18)	L4 AR-1242-3	5.698	4.867	3138357	1102278	51.997	45.913
19)	L4 AR-1242-4	5.797	4.950	2515248	1205820	52.179	47.825
20)	L4 AR-1242-5	6.539	5.473	2561835	1407026	49.363	44.192
21)	L5 AR-1248-1	5.613	4.673	3494128	1451653	67.726	61.823
22)	L5 AR-1248-2	5.889	4.909	2376057	940402	30.951	26.203
23)	L5 AR-1248-3	6.095	4.950	2314871	1205820	28.025	31.669
24)	L5 AR-1248-4	6.500	5.121	2459619	1307331	27.388	28.468
25)	L5 AR-1248-5	6.539	5.514	2561835	1230907	28.901	28.192
26)	L6 AR-1254-1	6.473	5.473	2059566	1407026	22.547	20.429
27)	L6 AR-1254-2	6.698	5.620	2280782	454535	16.678	7.675 #
28)	L6 AR-1254-3	7.064	6.024	1352832	591027	9.613	6.356 #
29)	L6 AR-1254-4	7.350	6.253	736221	376959	7.286	6.654
30)	L6 AR-1254-5	7.771	6.671	427333	133831	4.013	1.640 #
31)	L7 AR-1260-1	7.244	6.165	42284	201150	0.409	3.165 #
32)	L7 AR-1260-2	7.493	6.328	414097	334077	3.503	4.360
33)	L7 AR-1260-3	7.871	6.566f	283023	337582	3.222	4.699 #
34)	L7 AR-1260-4	8.085	0.000	167676	0	1.712	N.D. #
35)	L7 AR-1260-5	8.369	0.000	32798	0	0.178	N.D. #
36)	L8 AR-1262-1	7.821	0.000	52426	0	0.414	N.D. #
37)	L8 AR-1262-2	8.369	0.000	32798	0	0.156	N.D. #
38)	L8 AR-1262-3	8.770f	7.553f	52523	42287	0.583	0.686
39)	L8 AR-1262-4	8.770f	7.553	52523	42287	0.797	0.371 #
40)	L8 AR-1262-5	9.491	8.047	230917	246891	2.880	4.599 #
41)	L9 AR-1268-1	8.770f	7.553f	52523	42287	0.212	0.239

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 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 63 Sample Multiplier: 1

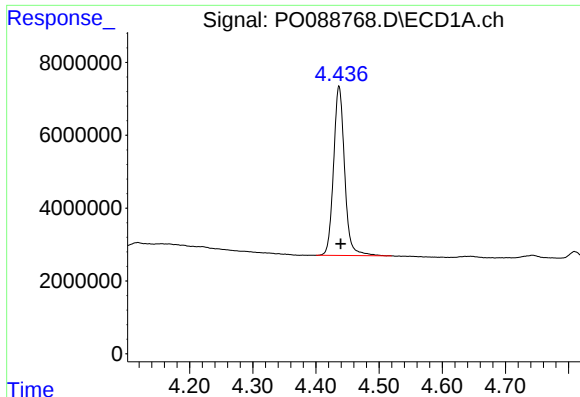
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 03:02:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.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	8.770f	7.553	52523	42287	0.231	0.263
43) L9	AR-1268-3	0.000	7.763	0	308751	N.D.	2.238 #
44) L9	AR-1268-4	9.491	8.047	230917	246891	2.652	4.266 #
45) L9	AR-1268-5	9.925	8.339	428075	250791	0.684	0.615

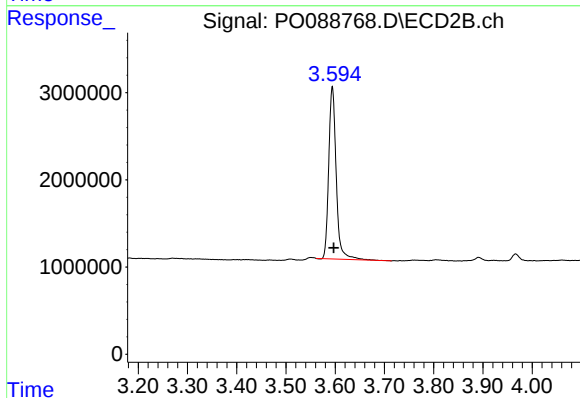
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

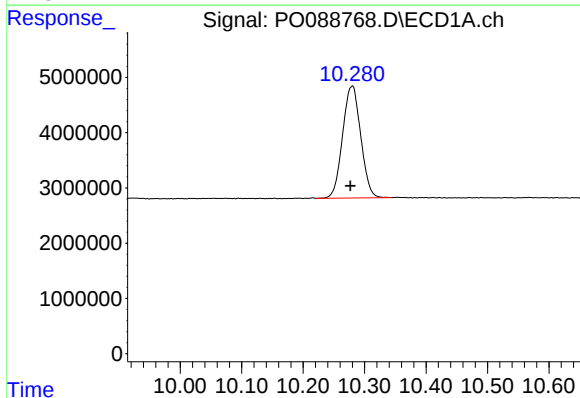
R.T.: 4.437 min
Delta R.T.: -0.002 min
Response: 56562972
Conc: 20.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



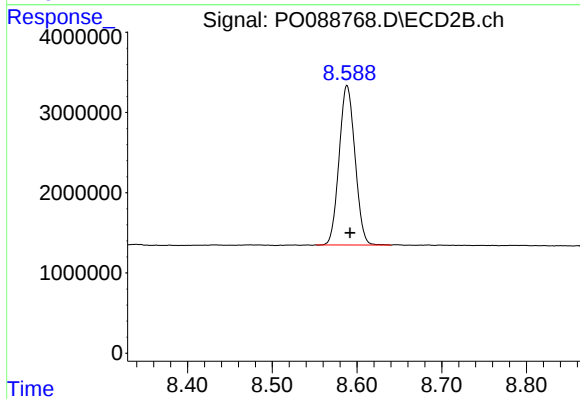
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 20862332
Conc: 19.28 ng/ml



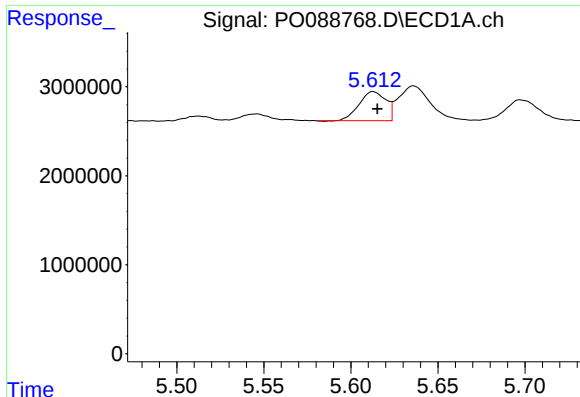
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.003 min
Response: 41573970
Conc: 21.54 ng/ml



#2 Decachlorobiphenyl

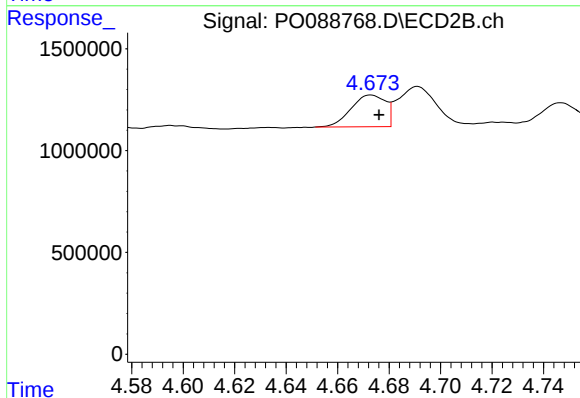
R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 25843962
Conc: 21.32 ng/ml



#3 AR-1016-1

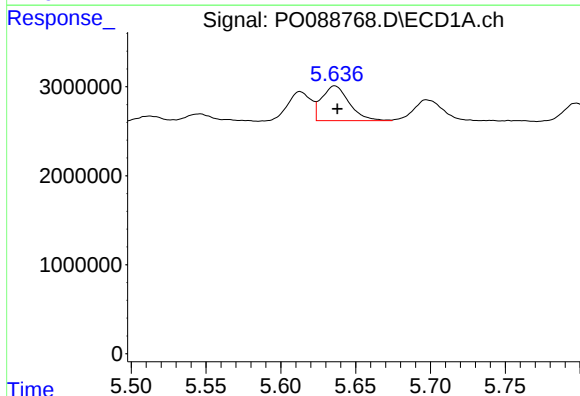
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 3494128
Conc: 43.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



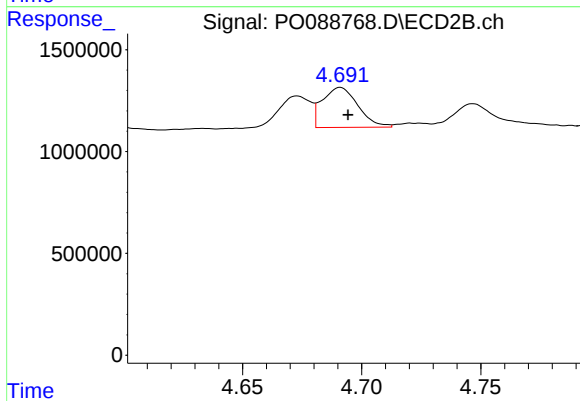
#3 AR-1016-1

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 1451653
Conc: 38.95 ng/ml



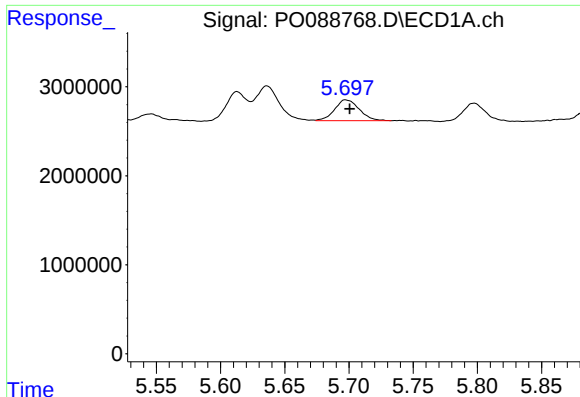
#4 AR-1016-2

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 4994500
Conc: 43.30 ng/ml



#4 AR-1016-2

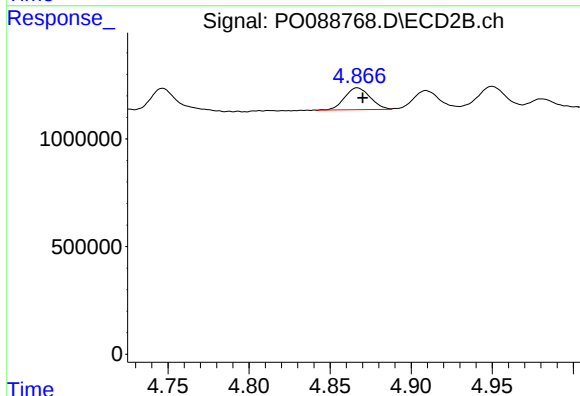
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 2048168
Conc: 39.28 ng/ml



#5 AR-1016-3

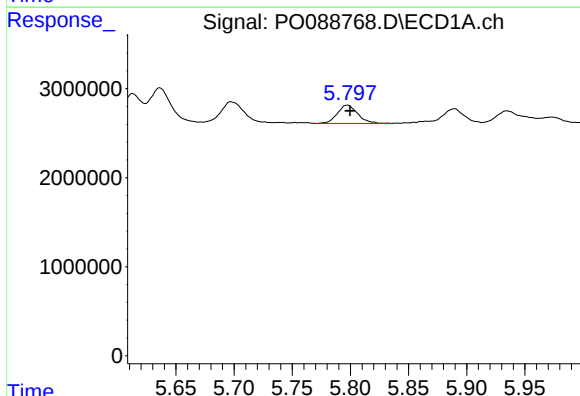
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 3138357
Conc: 43.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



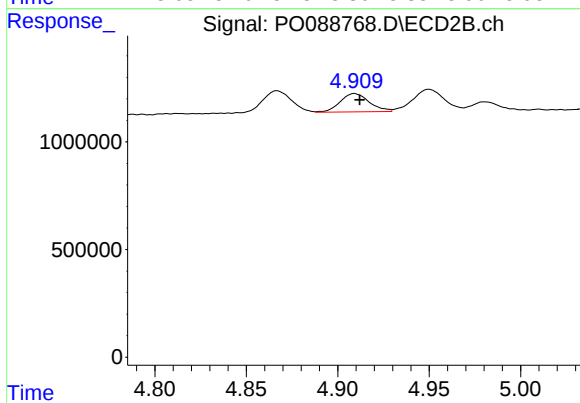
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 1102278
Conc: 37.68 ng/ml



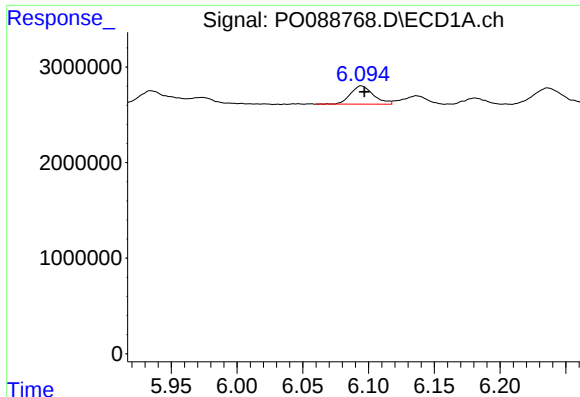
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 2515248
Conc: 43.87 ng/ml



#6 AR-1016-4

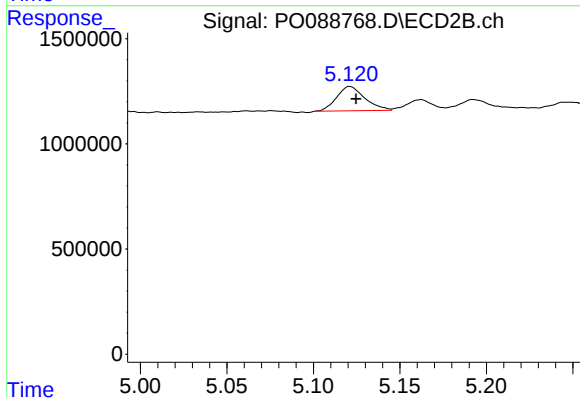
R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 940402
Conc: 38.98 ng/ml



#7 AR-1016-5

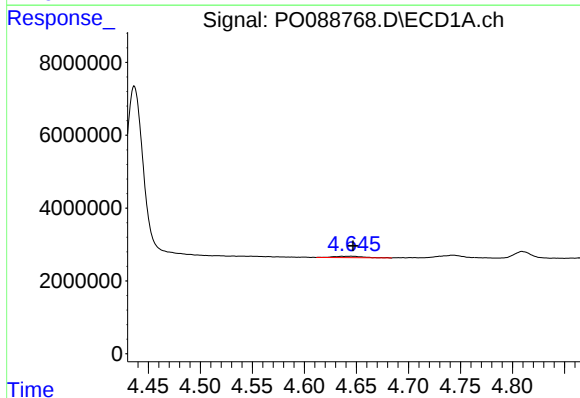
R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 2314871
Conc: 40.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



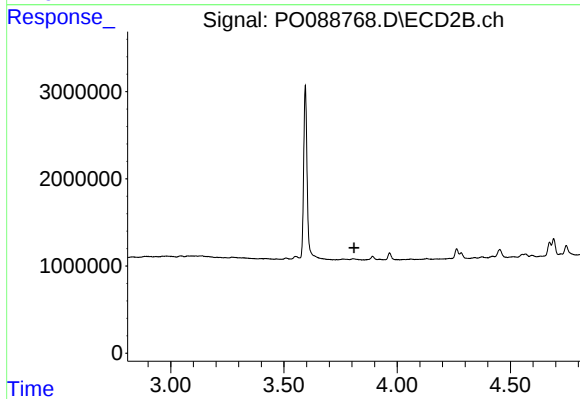
#7 AR-1016-5

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 1307331
Conc: 40.08 ng/ml



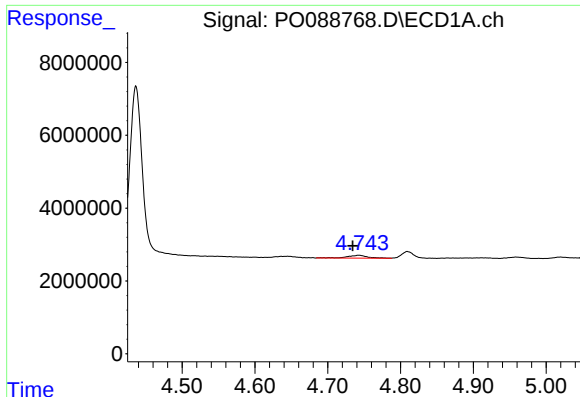
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 729548
Conc: 23.54 ng/ml



#8 AR-1221-1

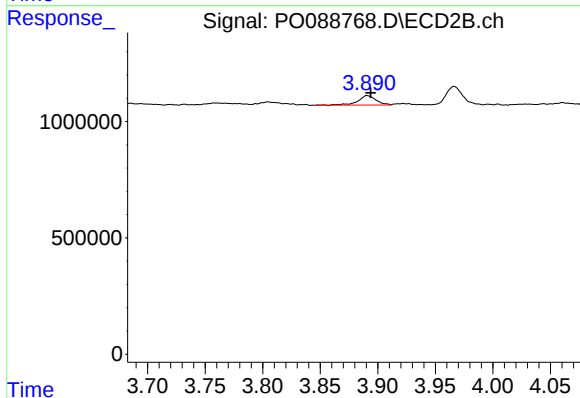
R.T.: 0.000 min
Exp R.T. : 3.809 min
Response: 0
Conc: N.D.



#9 AR-1221-2

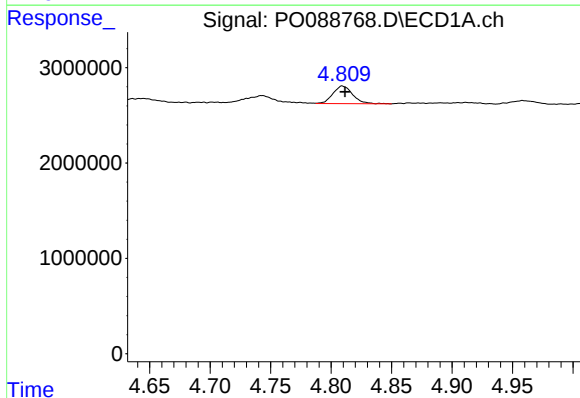
R.T.: 4.743 min
Delta R.T.: 0.009 min
Response: 1498433
Conc: 64.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



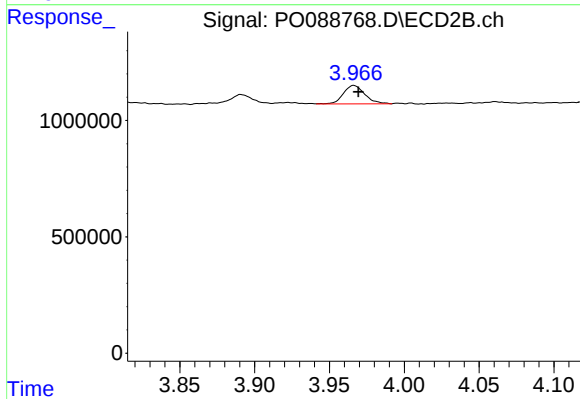
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 448797
Conc: 49.69 ng/ml



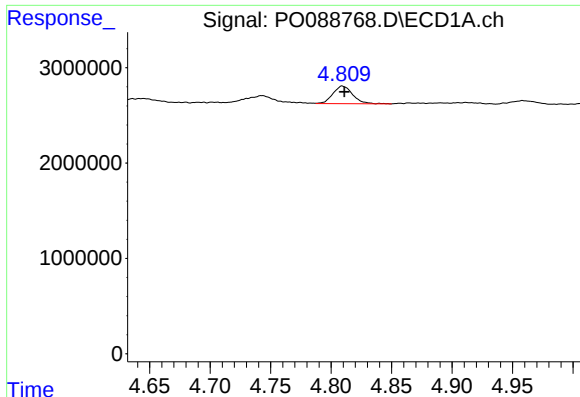
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 2122098
Conc: 30.24 ng/ml



#10 AR-1221-3

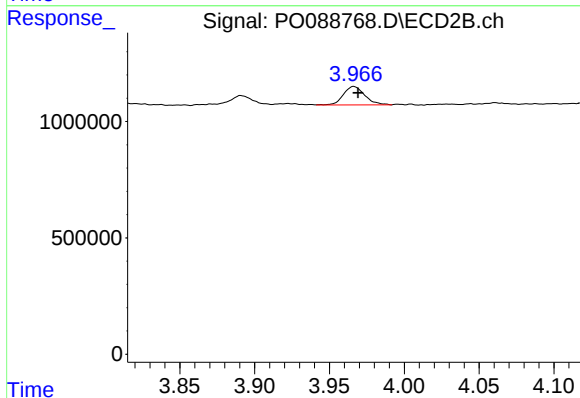
R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 785706
Conc: 27.65 ng/ml



#11 AR-1232-1

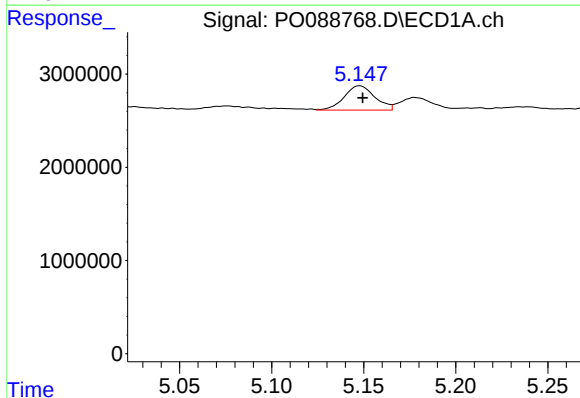
R.T.: 4.809 min
Delta R.T.: -0.001 min
Response: 2122098
Conc: 38.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



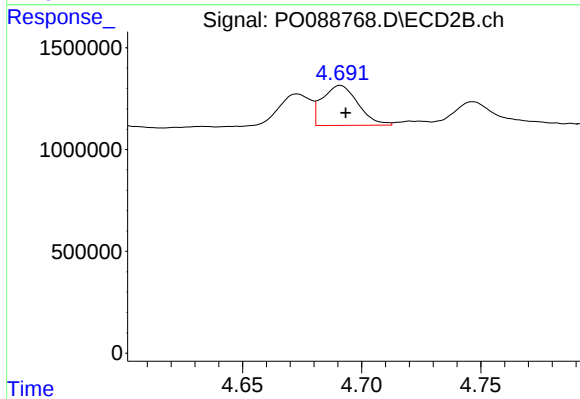
#11 AR-1232-1

R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 785706
Conc: 34.70 ng/ml



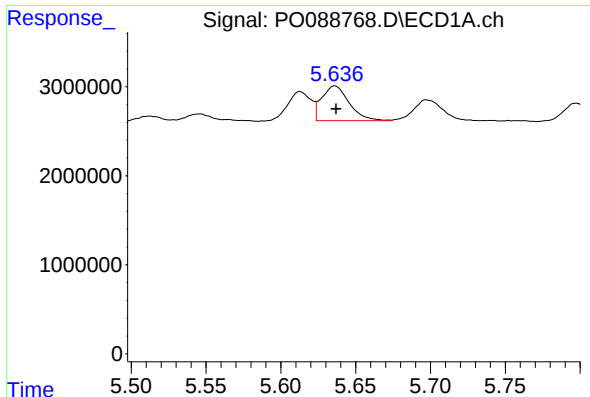
#12 AR-1232-2

R.T.: 5.148 min
Delta R.T.: -0.002 min
Response: 3023319
Conc: 109.04 ng/ml



#12 AR-1232-2

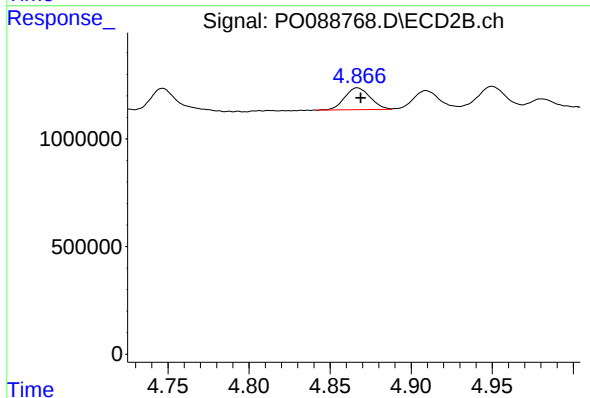
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 2048168
Conc: 88.71 ng/ml



#13 AR-1232-3

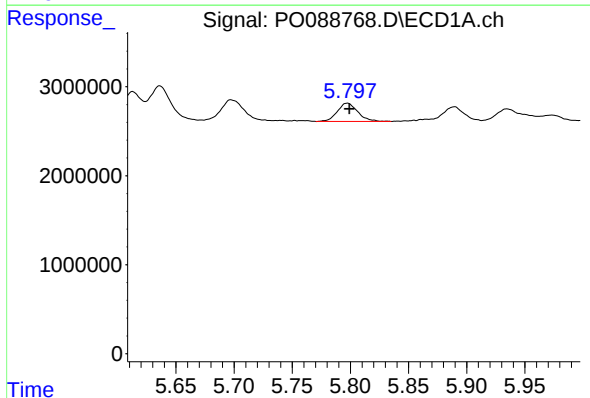
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 4994500
Conc: 97.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



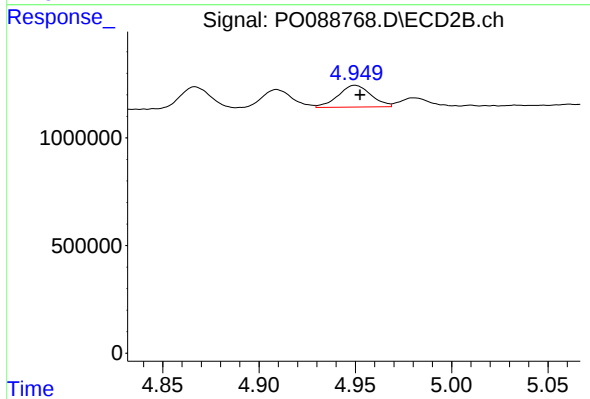
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1102278
Conc: 89.70 ng/ml



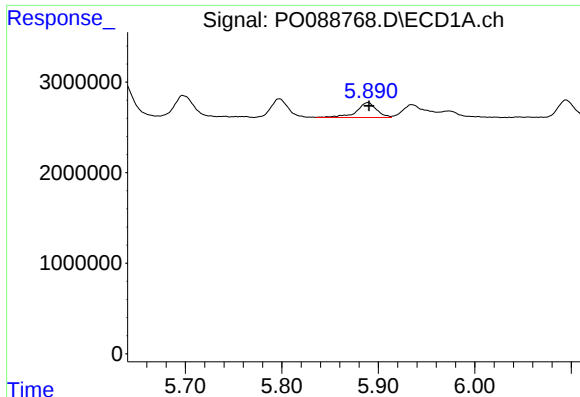
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 2515248
Conc: 100.57 ng/ml



#14 AR-1232-4

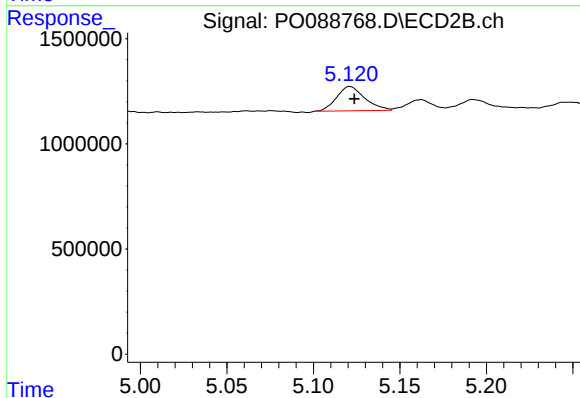
R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 1205820
Conc: 102.31 ng/ml



#15 AR-1232-5

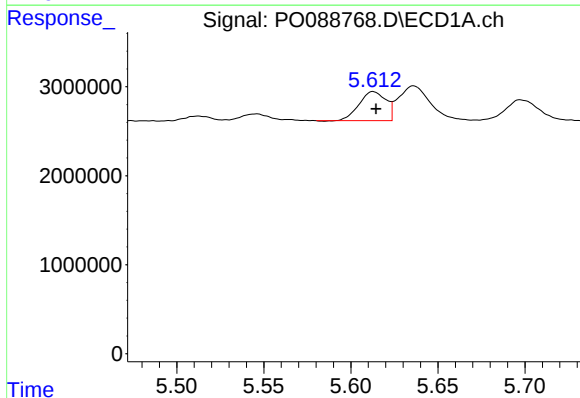
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 2376057
Conc: 115.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



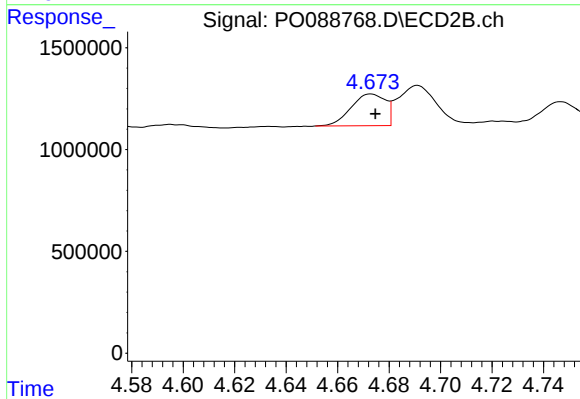
#15 AR-1232-5

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 1307331
Conc: 97.17 ng/ml



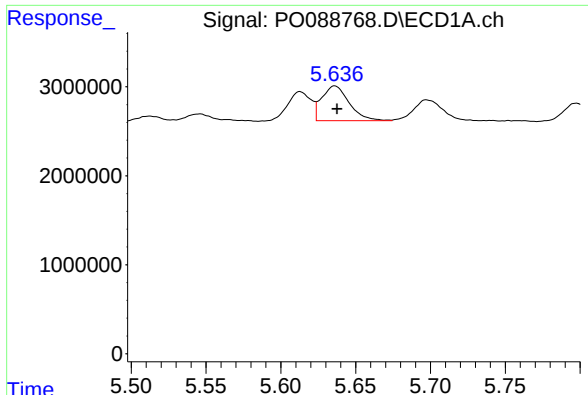
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 3494128
Conc: 51.99 ng/ml



#16 AR-1242-1

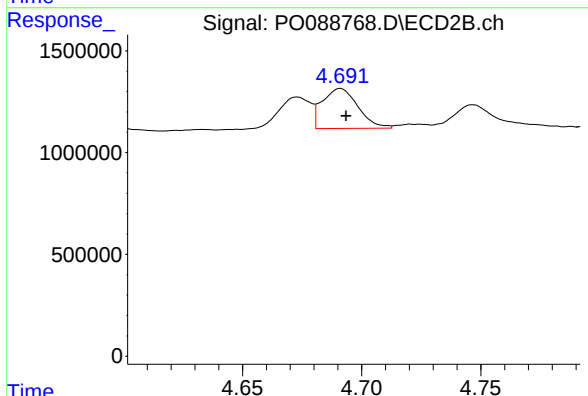
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 1451653
Conc: 47.35 ng/ml



#17 AR-1242-2

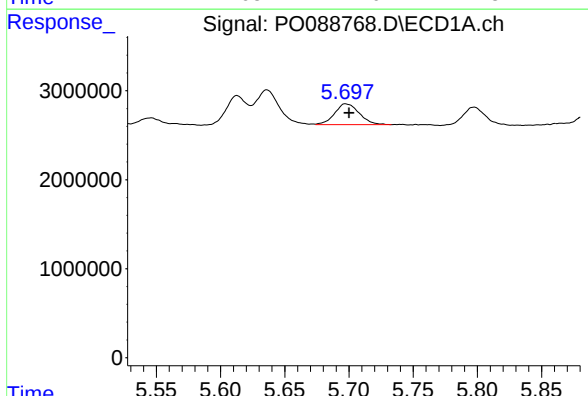
R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 4994500
Conc: 51.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



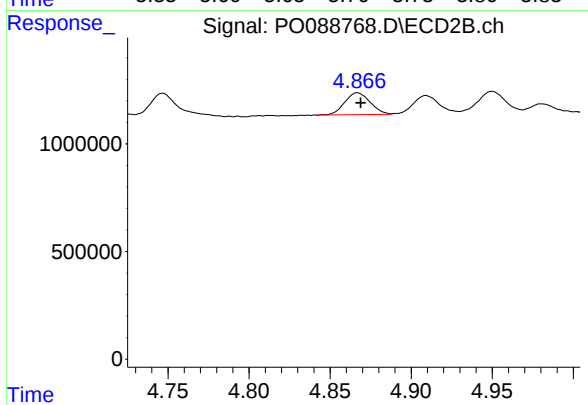
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 2048168
Conc: 47.54 ng/ml



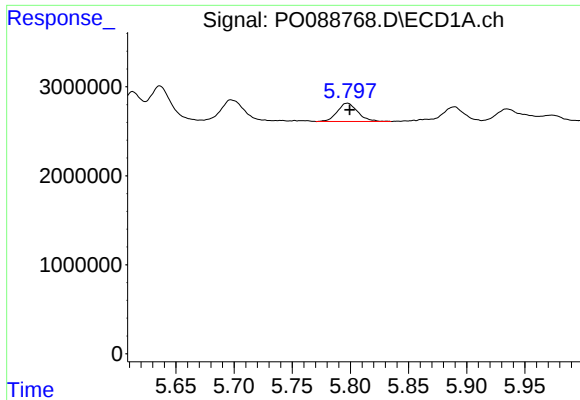
#18 AR-1242-3

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 3138357
Conc: 52.00 ng/ml



#18 AR-1242-3

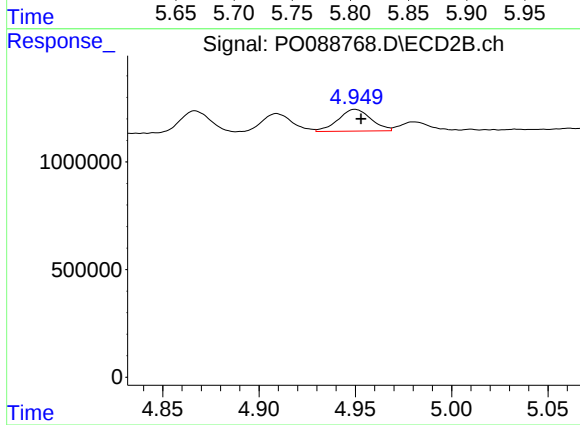
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1102278
Conc: 45.91 ng/ml



#19 AR-1242-4

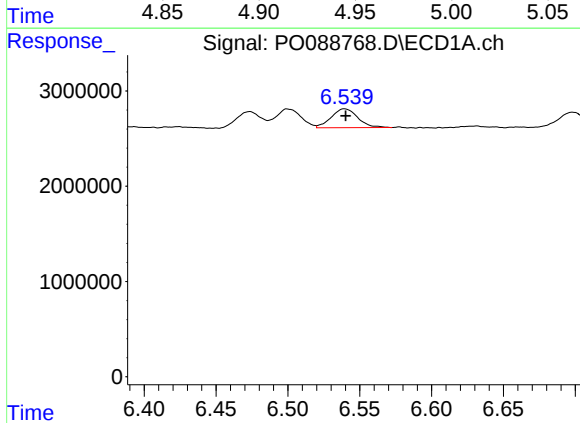
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 2515248
Conc: 52.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



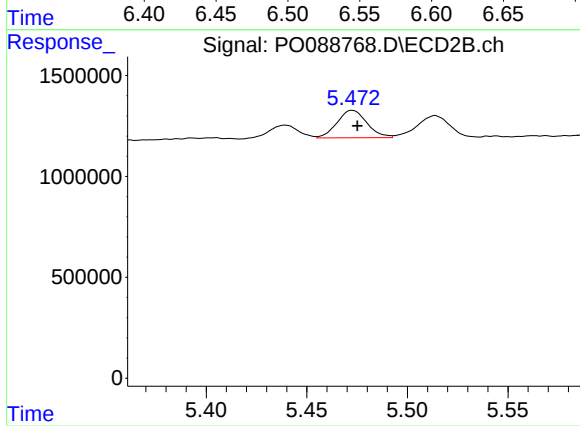
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 1205820
Conc: 47.83 ng/ml



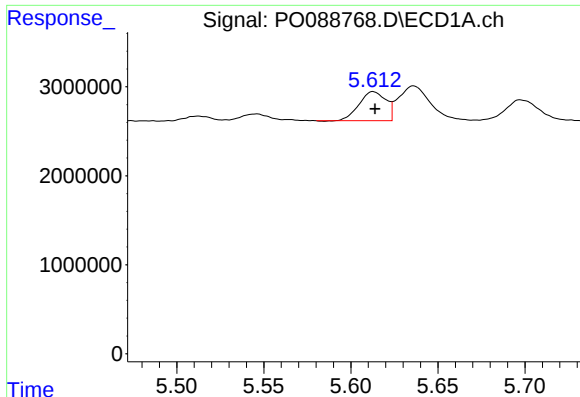
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 2561835
Conc: 49.36 ng/ml



#20 AR-1242-5

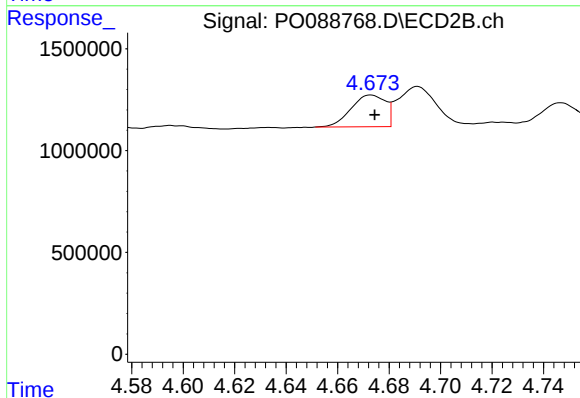
R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 1407026
Conc: 44.19 ng/ml



#21 AR-1248-1

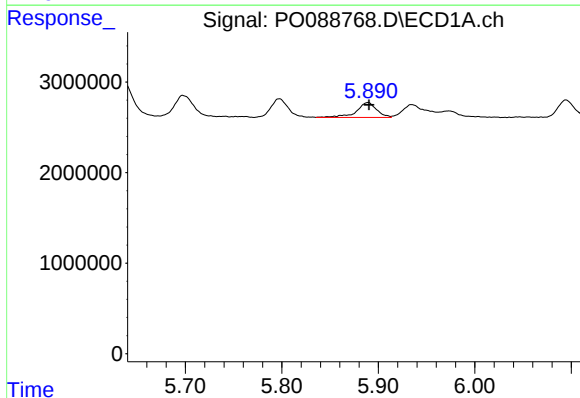
R.T.: 5.613 min
Delta R.T.: -0.001 min
Response: 3494128
Conc: 67.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



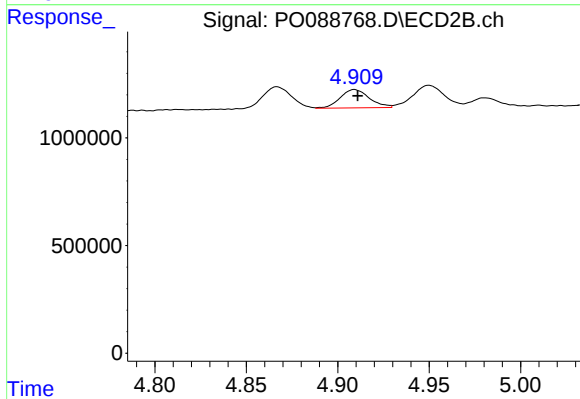
#21 AR-1248-1

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 1451653
Conc: 61.82 ng/ml



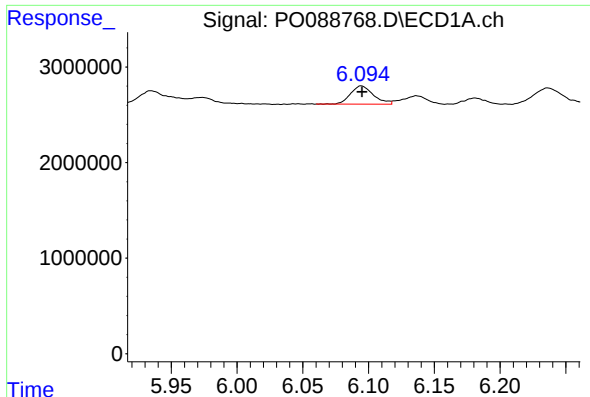
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 2376057
Conc: 30.95 ng/ml



#22 AR-1248-2

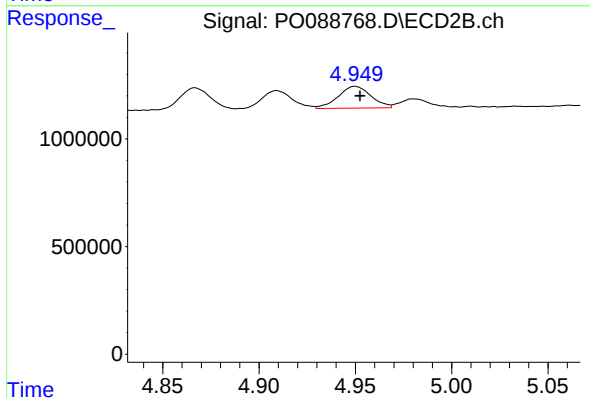
R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 940402
Conc: 26.20 ng/ml



#23 AR-1248-3

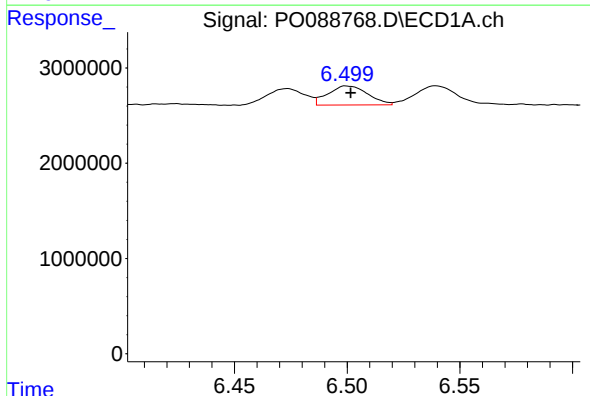
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2314871
Conc: 28.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



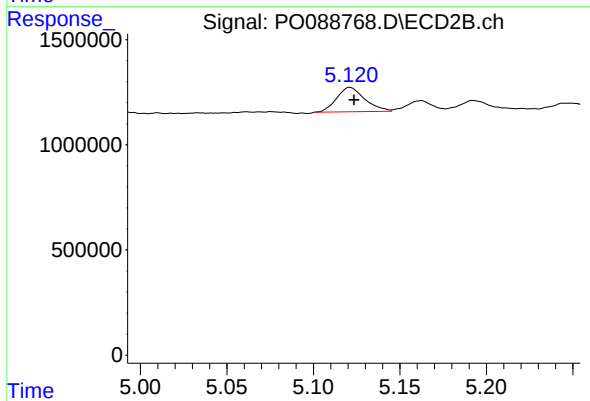
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 1205820
Conc: 31.67 ng/ml



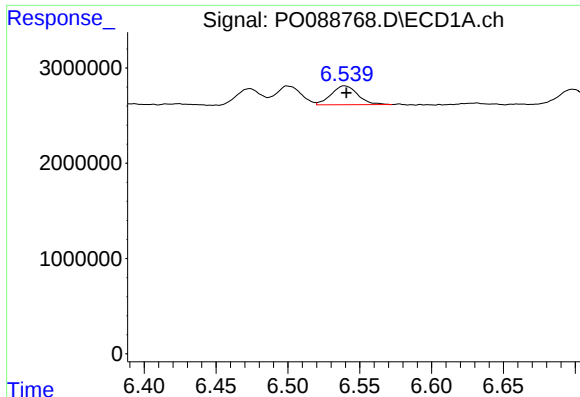
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 2459619
Conc: 27.39 ng/ml



#24 AR-1248-4

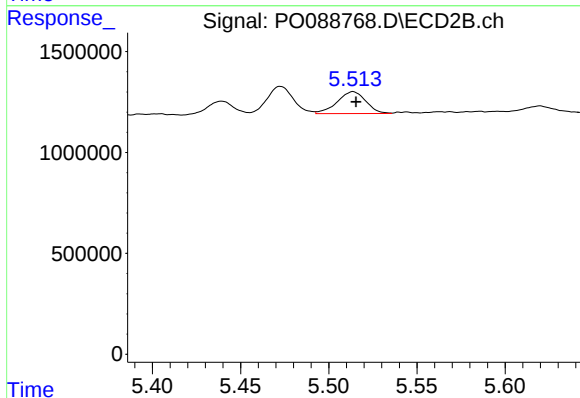
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 1307331
Conc: 28.47 ng/ml



#25 AR-1248-5

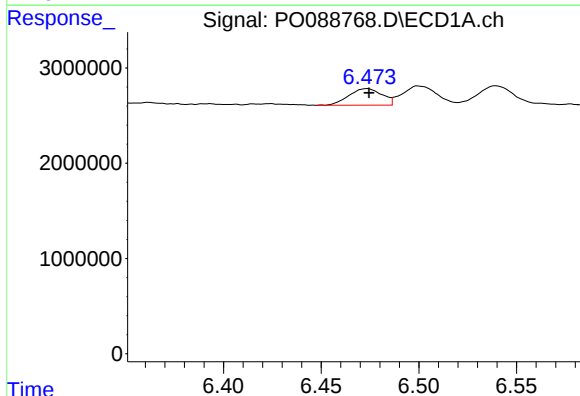
R.T.: 6.539 min
Delta R.T.: -0.001 min
Response: 2561835
Conc: 28.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



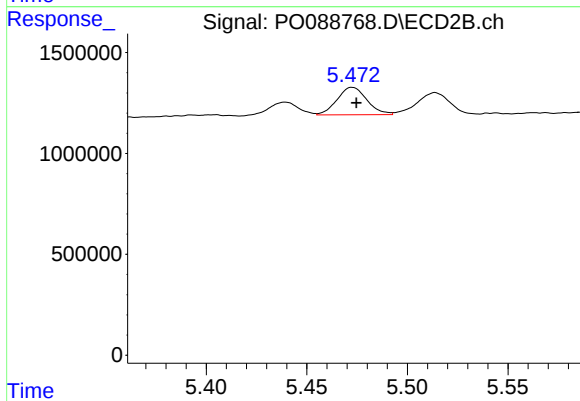
#25 AR-1248-5

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1230907
Conc: 28.19 ng/ml



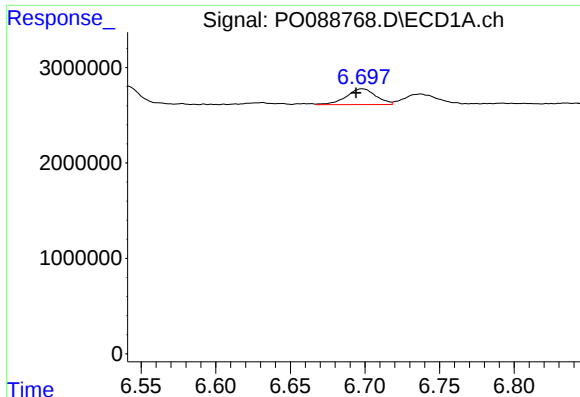
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 2059566
Conc: 22.55 ng/ml



#26 AR-1254-1

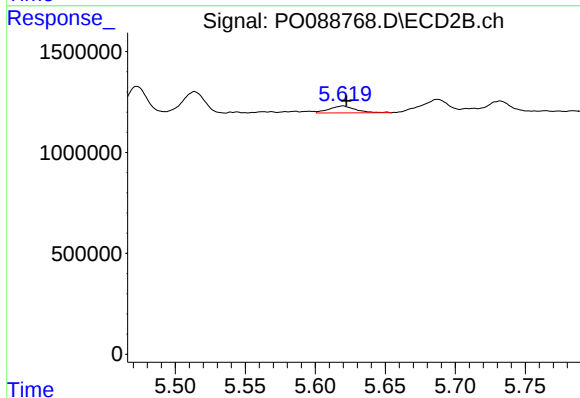
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1407026
Conc: 20.43 ng/ml



#27 AR-1254-2

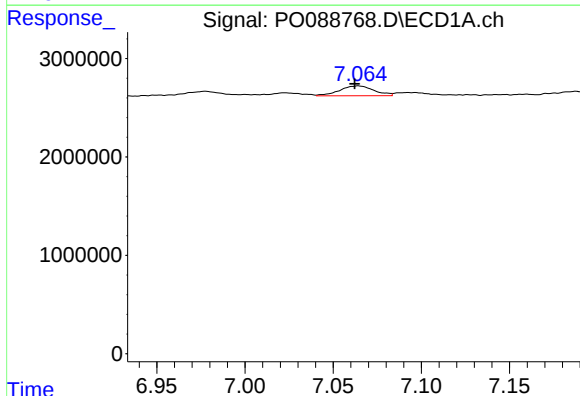
R.T.: 6.698 min
Delta R.T.: 0.004 min
Response: 2280782
Conc: 16.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



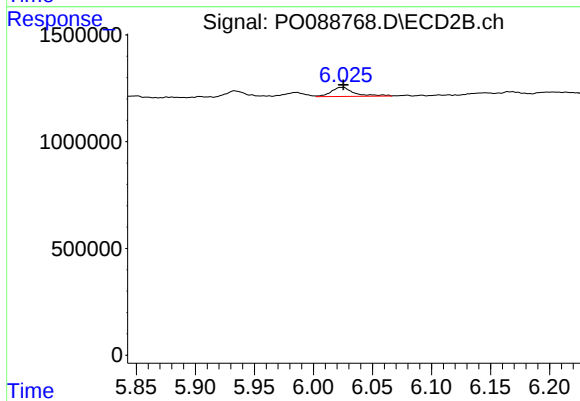
#27 AR-1254-2

R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 454535
Conc: 7.68 ng/ml



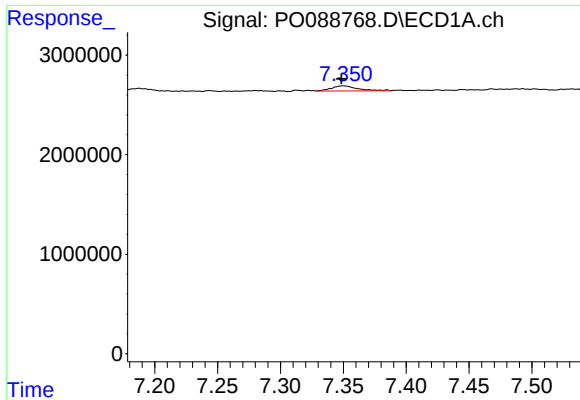
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.002 min
Response: 1352832
Conc: 9.61 ng/ml



#28 AR-1254-3

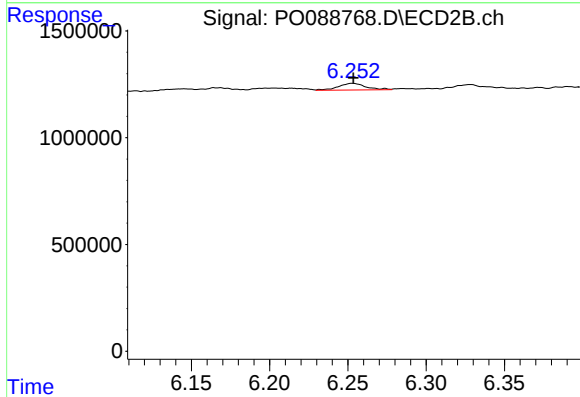
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 591027
Conc: 6.36 ng/ml



#29 AR-1254-4

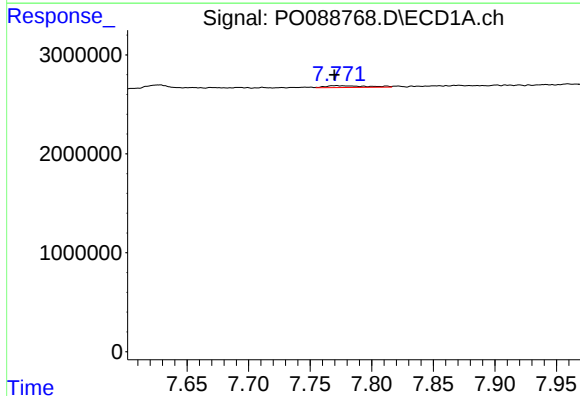
R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 736221
Conc: 7.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



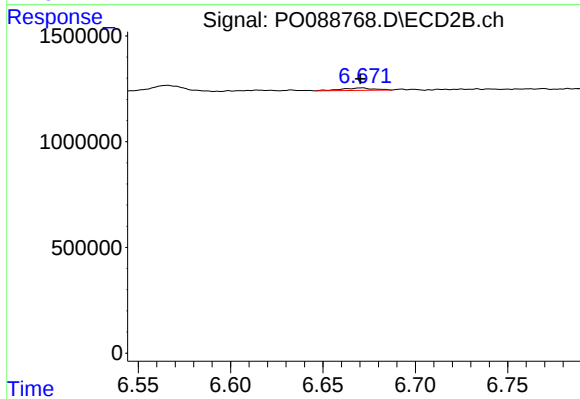
#29 AR-1254-4

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 376959
Conc: 6.65 ng/ml



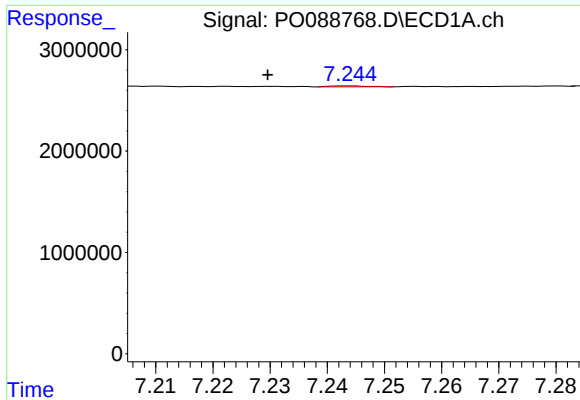
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 427333
Conc: 4.01 ng/ml



#30 AR-1254-5

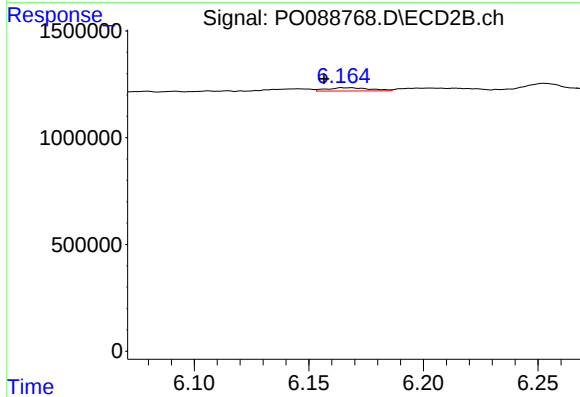
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 133831
Conc: 1.64 ng/ml



#31 AR-1260-1

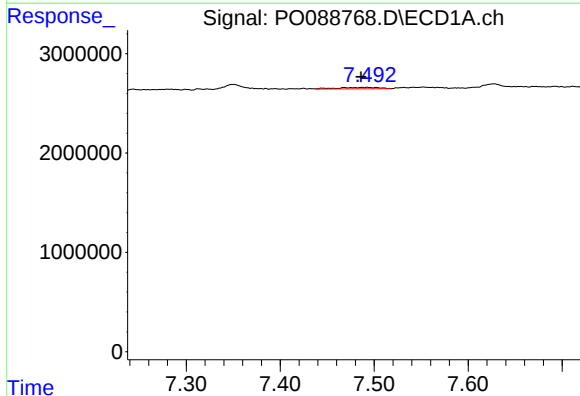
R.T.: 7.244 min
Delta R.T.: 0.014 min
Response: 42284
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



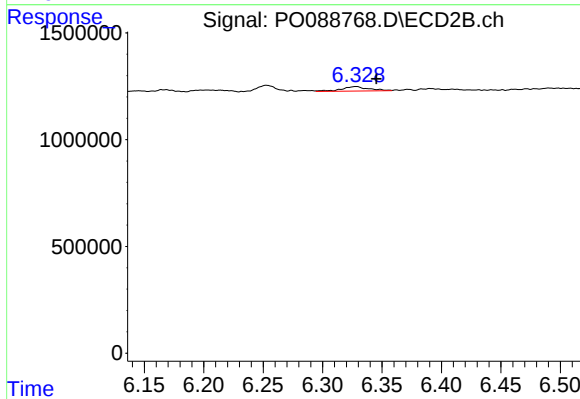
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: 0.009 min
Response: 201150
Conc: 3.17 ng/ml



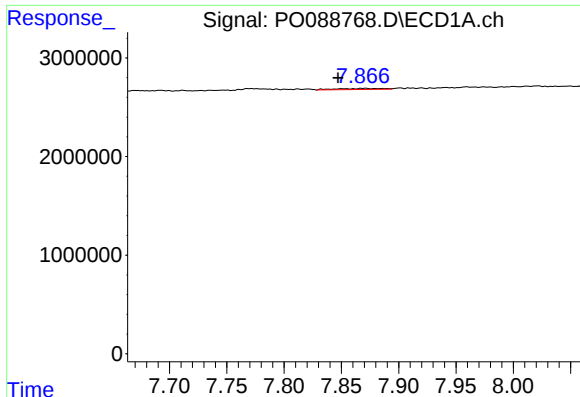
#32 AR-1260-2

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 414097
Conc: 3.50 ng/ml



#32 AR-1260-2

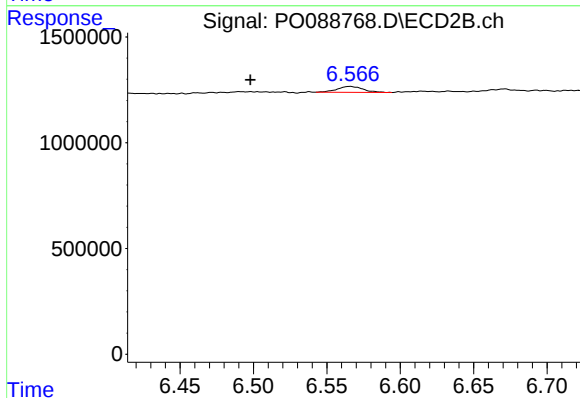
R.T.: 6.328 min
Delta R.T.: -0.017 min
Response: 334077
Conc: 4.36 ng/ml



#33 AR-1260-3

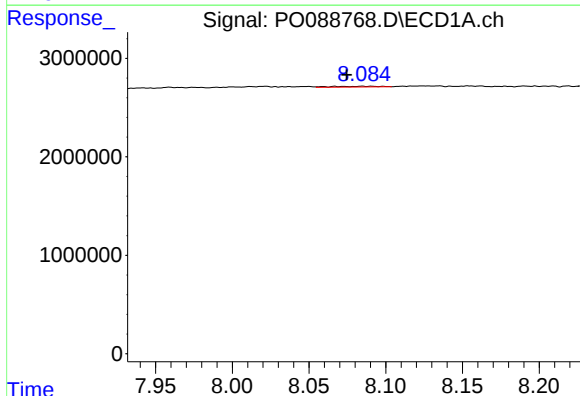
R.T.: 7.871 min
Delta R.T.: 0.024 min
Response: 283023
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



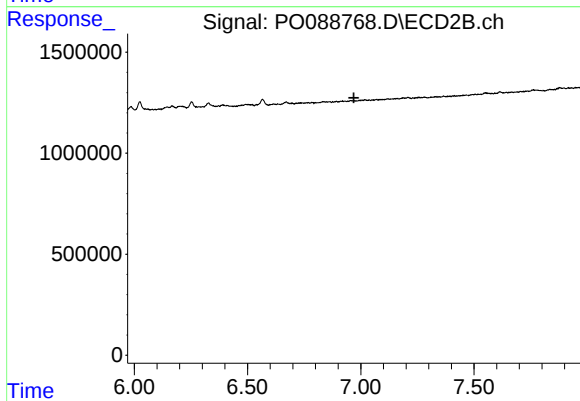
#33 AR-1260-3

R.T.: 6.566 min
Delta R.T.: 0.068 min
Response: 337582
Conc: 4.70 ng/ml



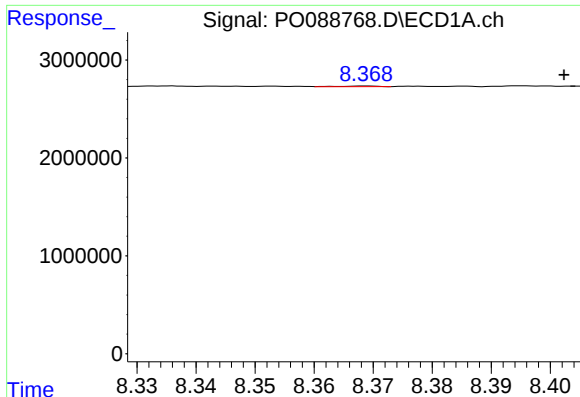
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: 0.010 min
Response: 167676
Conc: 1.71 ng/ml



#34 AR-1260-4

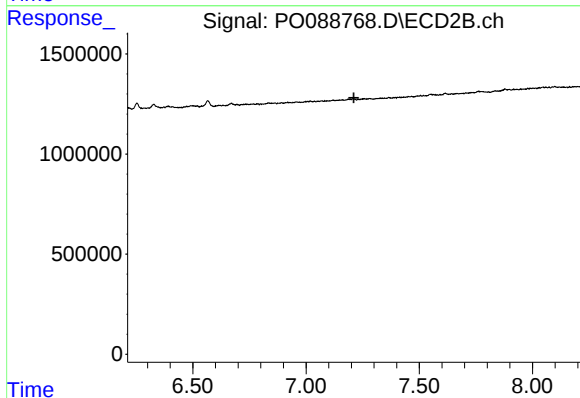
R.T.: 0.000 min
Exp R.T.: 6.970 min
Response: 0
Conc: N.D.



#35 AR-1260-5

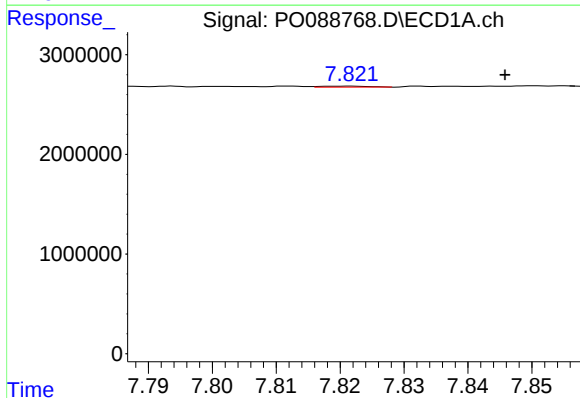
R.T.: 8.369 min
Delta R.T.: -0.034 min
Response: 32798
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



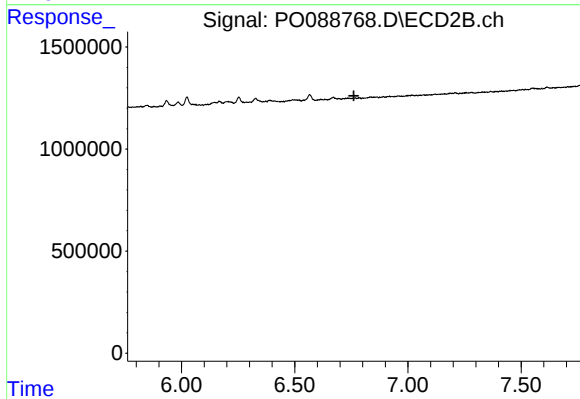
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.212 min
Response: 0
Conc: N.D.



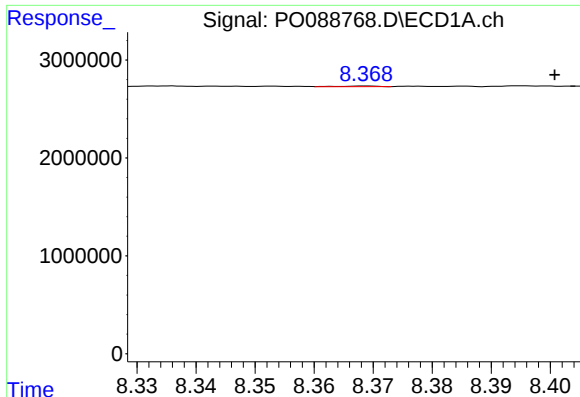
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.025 min
Response: 52426
Conc: 0.41 ng/ml



#36 AR-1262-1

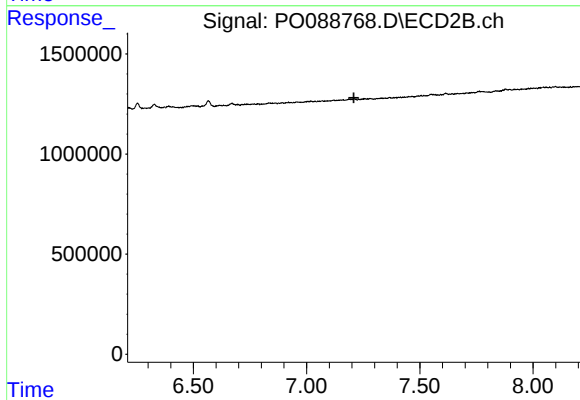
R.T.: 0.000 min
Exp R.T. : 6.761 min
Response: 0
Conc: N.D.



#37 AR-1262-2

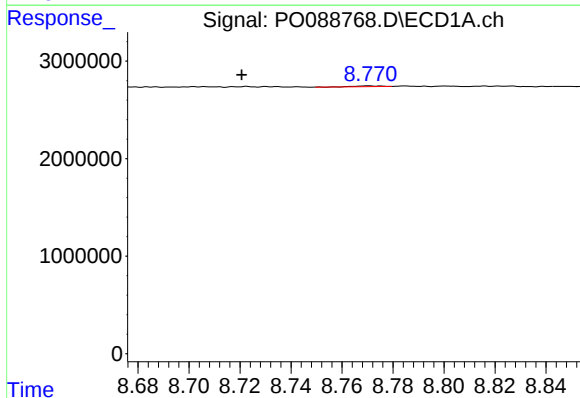
R.T.: 8.369 min
Delta R.T.: -0.032 min
Response: 32798
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



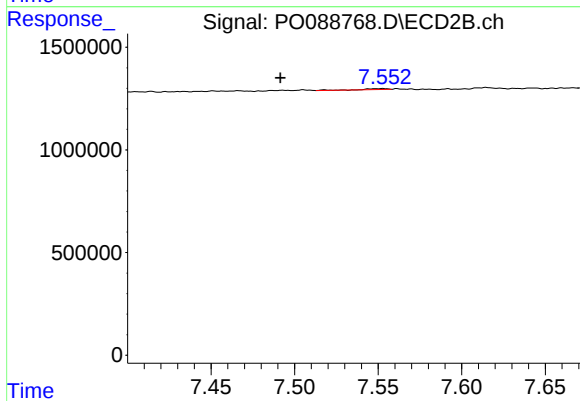
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.209 min
Response: 0
Conc: N.D.



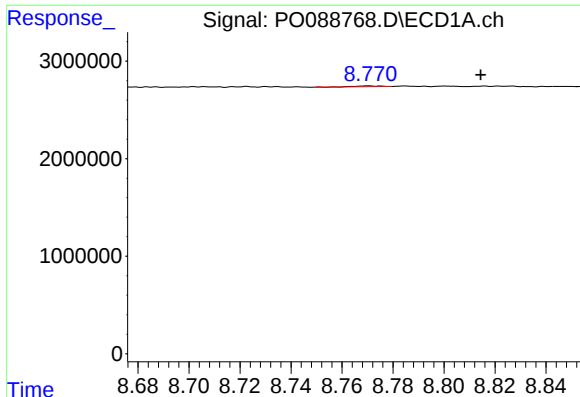
#38 AR-1262-3

R.T.: 8.770 min
Delta R.T.: 0.050 min
Response: 52523
Conc: 0.58 ng/ml



#38 AR-1262-3

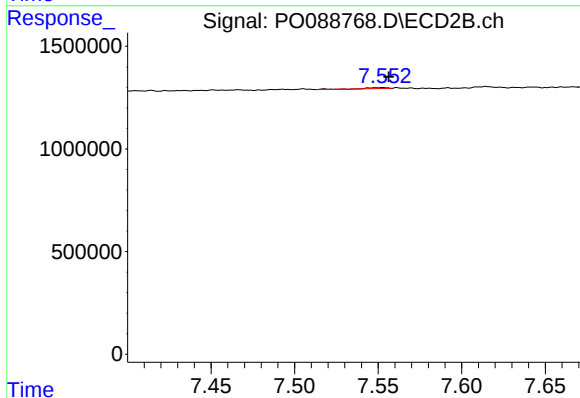
R.T.: 7.553 min
Delta R.T.: 0.061 min
Response: 42287
Conc: 0.69 ng/ml



#39 AR-1262-4

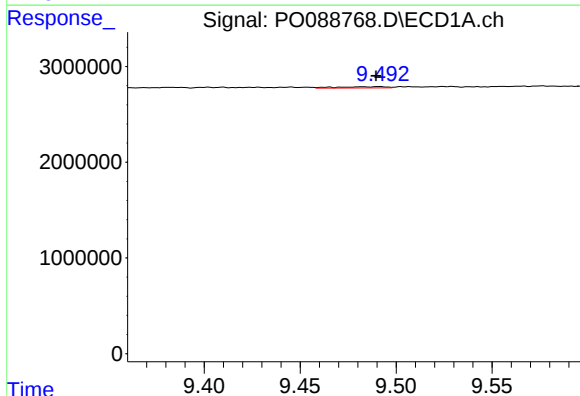
R.T.: 8.770 min
Delta R.T.: -0.044 min
Response: 52523
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



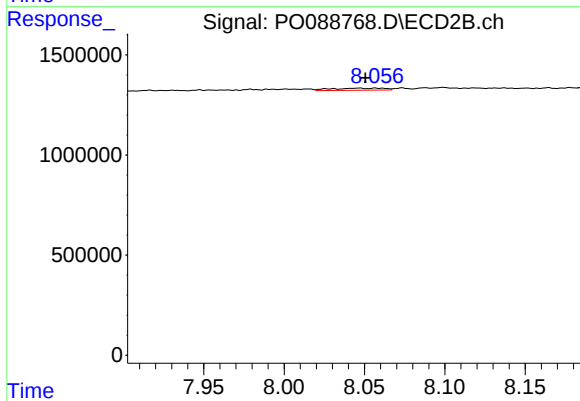
#39 AR-1262-4

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 42287
Conc: 0.37 ng/ml



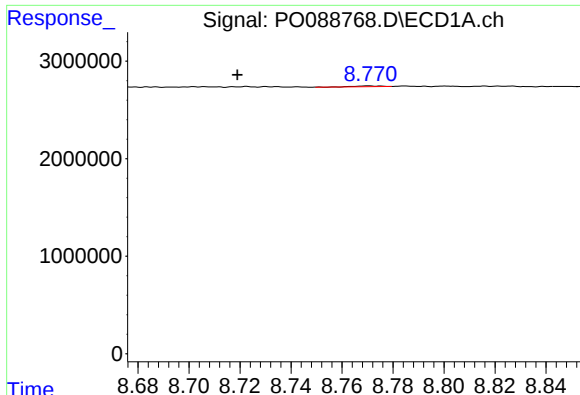
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: 0.002 min
Response: 230917
Conc: 2.88 ng/ml



#40 AR-1262-5

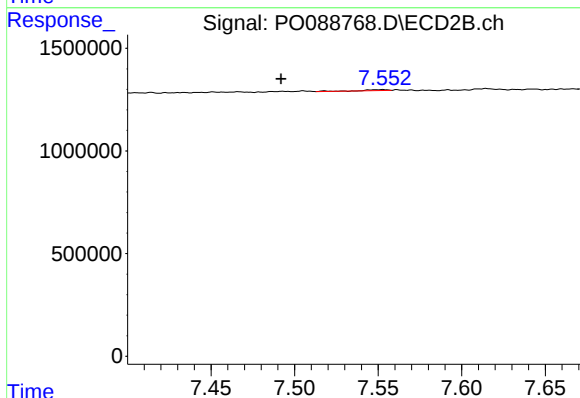
R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 246891
Conc: 4.60 ng/ml



#41 AR-1268-1

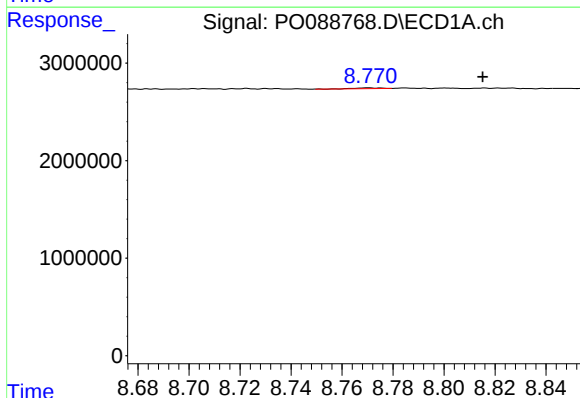
R.T.: 8.770 min
Delta R.T.: 0.051 min
Response: 52523
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



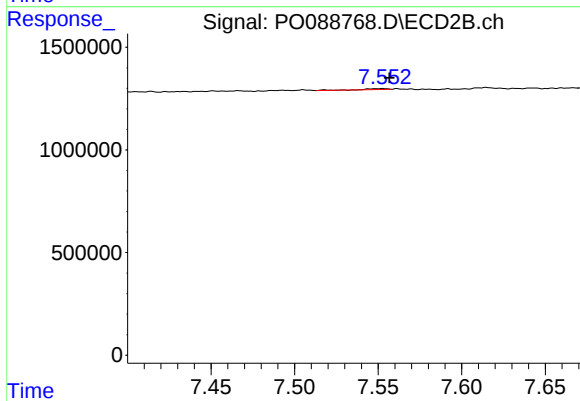
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: 0.061 min
Response: 42287
Conc: 0.24 ng/ml



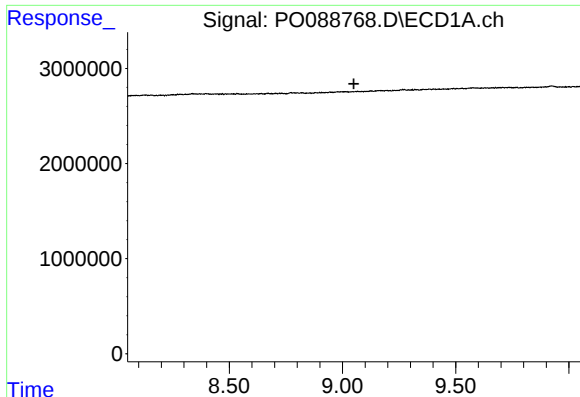
#42 AR-1268-2

R.T.: 8.770 min
Delta R.T.: -0.045 min
Response: 52523
Conc: 0.23 ng/ml



#42 AR-1268-2

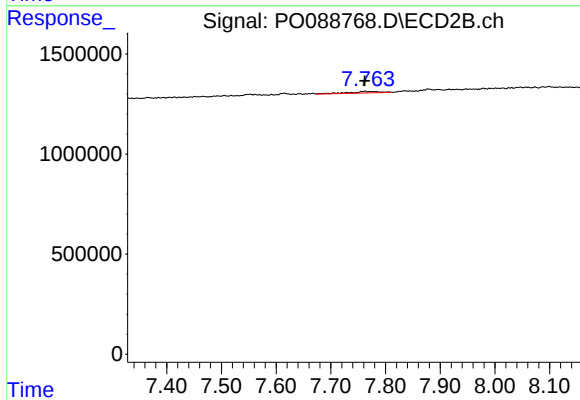
R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 42287
Conc: 0.26 ng/ml



#43 AR-1268-3

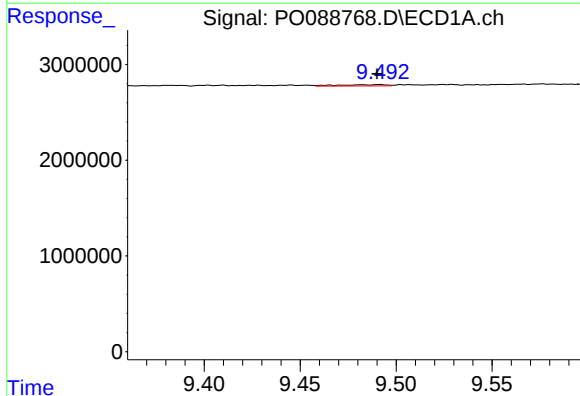
R.T.: 0.000 min
Exp R.T.: 9.051 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



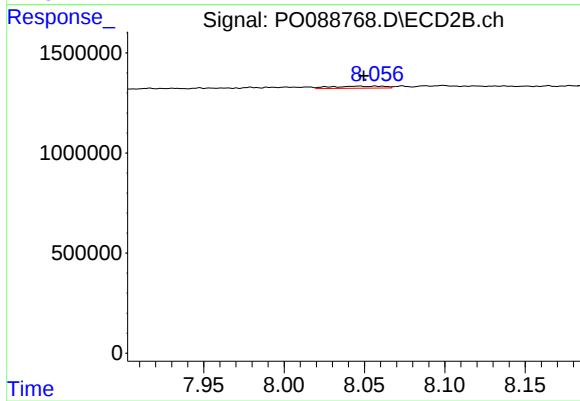
#43 AR-1268-3

R.T.: 7.763 min
Delta R.T.: 0.001 min
Response: 308751
Conc: 2.24 ng/ml



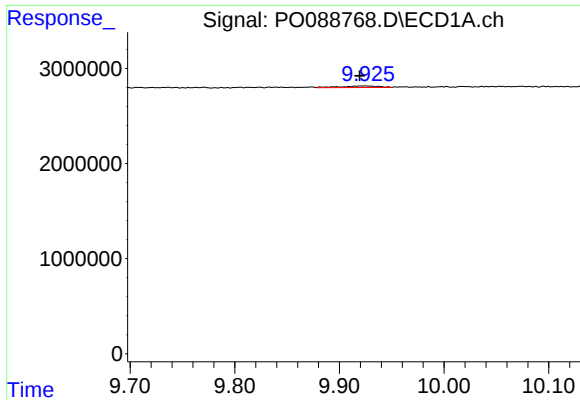
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.001 min
Response: 230917
Conc: 2.65 ng/ml



#44 AR-1268-4

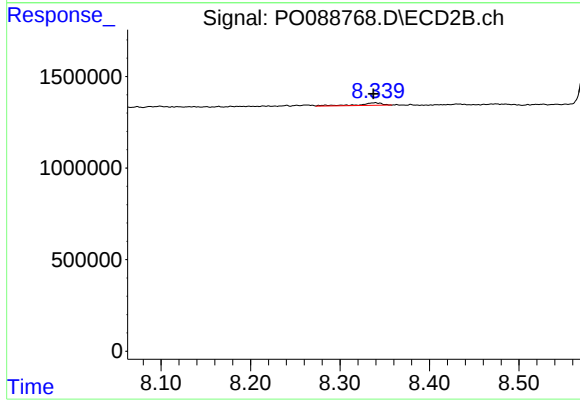
R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 246891
Conc: 4.27 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.005 min
Response: 428075
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.339 min
Delta R.T.: 0.002 min
Response: 250791
Conc: 0.61 ng/ml