

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072022\
 Data File : P0088223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 04:54
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:44:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 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...	4.445	3.604	149.5E6	57586880	58.598	61.036
2)	SA Decachlor...	10.288	8.601	106.4E6	56796087	50.081	54.349
Target Compounds							
3)	L1 AR-1016-1	5.619	4.681	27667715	13299482	315.469	369.633
4)	L1 AR-1016-2	5.643	4.699	33440857	14118408	266.538	276.318
5)	L1 AR-1016-3	5.705	4.876	17245101	9374509	222.321	337.682 #
6)	L1 AR-1016-4	5.804	4.917	18412195	19128707	298.547	822.327 #
7)	L1 AR-1016-5	6.101	5.130	44933449	22792753	723.991	770.152
8)	L2 AR-1221-1	4.648	3.814	759984	304991	25.117	29.153
9)	L2 AR-1221-2	4.751	3.900	2927350	1133111	132.066	142.876
10)	L2 AR-1221-3	4.816	3.975	4362082	1720276	63.298	67.146
11)	L3 AR-1232-1	4.816	3.975	4362082	1720276	83.942	88.923
12)	L3 AR-1232-2	5.155	4.699	17873650	14118408	697.184	715.892
13)	L3 AR-1232-3	5.643	4.876	33440857	9374509	695.405	920.638 #
14)	L3 AR-1232-4	5.804	4.958	18412195	19915640	791.717	2050.187 #
15)	L3 AR-1232-5	5.895	5.130	40606349	22792753	2089.967	2095.696
16)	L4 AR-1242-1	5.619	4.681	27667715	13299482	405.274	457.134
17)	L4 AR-1242-2	5.643	4.699	33440857	14118408	345.229	348.588
18)	L4 AR-1242-3	5.705	4.876	17245101	9374509	284.231	424.274 #
19)	L4 AR-1242-4	5.804	4.958	18412195	19915640	382.260	851.771 #
20)	L4 AR-1242-5	6.546	5.481	50553527	31335458	959.935	1169.194
21)	L5 AR-1248-1	5.619	4.681	27667715	13299482	517.847	580.604
22)	L5 AR-1248-2	5.895	4.917	40606349	19128707	522.604	567.072
23)	L5 AR-1248-3	6.101	4.958	44933449	19915640	536.778	573.057
24)	L5 AR-1248-4	6.507	5.130	50203533	22792753	546.240	544.435
25)	L5 AR-1248-5	6.546	5.522	50553527	21323259	562.103	591.828
26)	L6 AR-1254-1	6.480	5.481	38791372	31335458	409.134	543.499 #
27)	L6 AR-1254-2	6.704	5.630	50919765	8975642	354.696	175.048 #
28)	L6 AR-1254-3	7.069	6.032	30153877	14115553	205.861	173.945
29)	L6 AR-1254-4	7.356	6.262	19188383	9089429	177.296	182.247
30)	L6 AR-1254-5	7.778	6.679	4255465	2628484	35.358	34.803
31)	L7 AR-1260-1	7.234	6.177	5764917	6644876	49.545	122.603 #
32)	L7 AR-1260-2	7.490	6.351	6899347	1357246	51.063	20.902 #
33)	L7 AR-1260-3	7.851	6.503	1131736	915402	12.362	14.717
34)	L7 AR-1260-4	8.069	6.976	2329529	312600	21.565	6.609 #
35)	L7 AR-1260-5	8.408	7.219	1273071	665352	6.204	5.815
36)	L8 AR-1262-1	7.851	6.748	1131736	239740	8.239	7.910
37)	L8 AR-1262-2	8.408	7.219	1273071	665352	5.410	4.952
38)	L8 AR-1262-3	8.739	7.500	794325	215416	4.793	3.950
39)	L8 AR-1262-4	8.824	7.565	444780	560415	5.328	5.540
40)	L8 AR-1262-5	9.497	8.060	1399947	587054	15.708	11.953
41)	L9 AR-1268-1	8.739	7.500	794325	215416	2.809	1.360 #

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Acq On : 21 Jul 2022 04:54
Operator : YP/AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

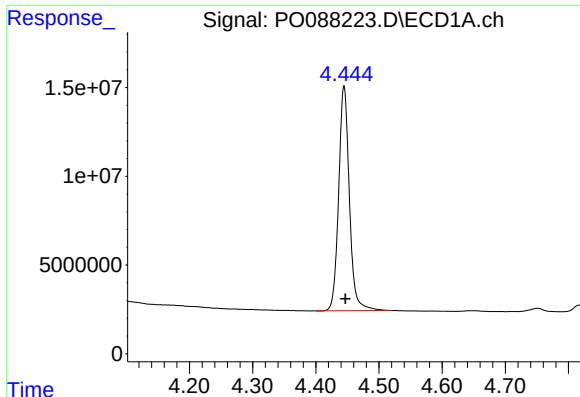
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 05:44:06 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 15 03:57:23 2022
Response via : Initial Calibration
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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	8.824	7.565	444780	560415	1.711	3.896 #
43) L9	AR-1268-3	9.070	7.773	488408	185448	2.181	1.489 #
44) L9	AR-1268-4	9.497	8.060	1399947	587054	14.279	10.943
45) L9	AR-1268-5	9.934	8.348	757272	611599	1.042	1.582 #

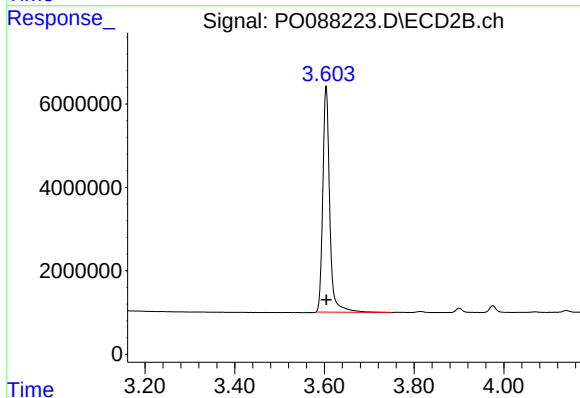
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

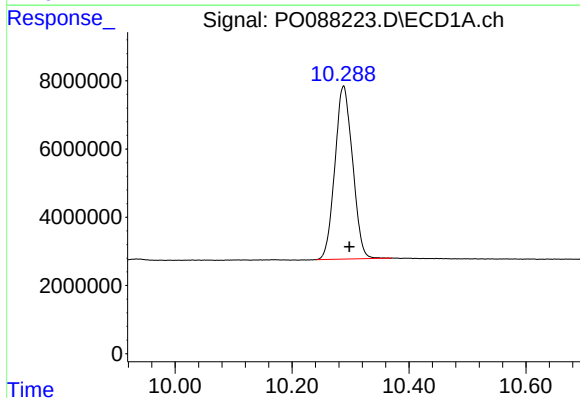
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 149493330
Conc: 58.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



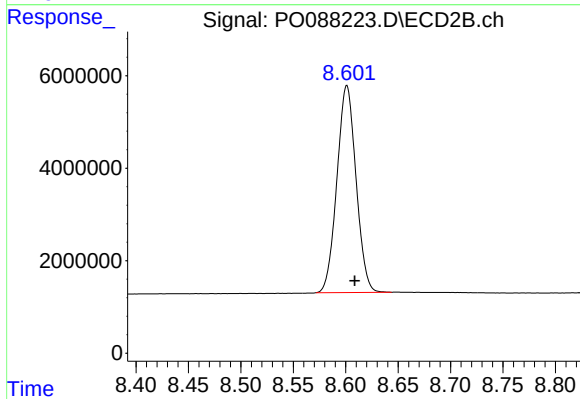
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 57586880
Conc: 61.04 ng/ml



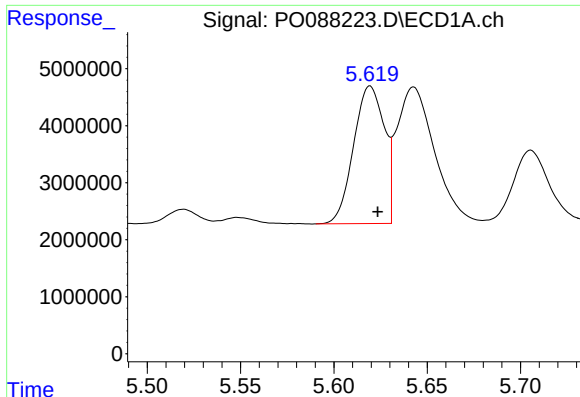
#2 Decachlorobiphenyl

R.T.: 10.288 min
Delta R.T.: -0.010 min
Response: 106357587
Conc: 50.08 ng/ml



#2 Decachlorobiphenyl

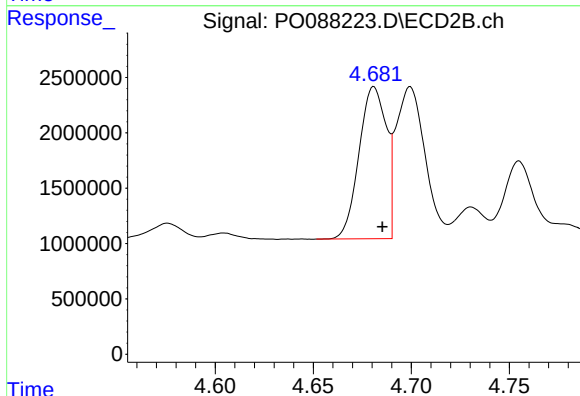
R.T.: 8.601 min
Delta R.T.: -0.007 min
Response: 56796087
Conc: 54.35 ng/ml



#3 AR-1016-1

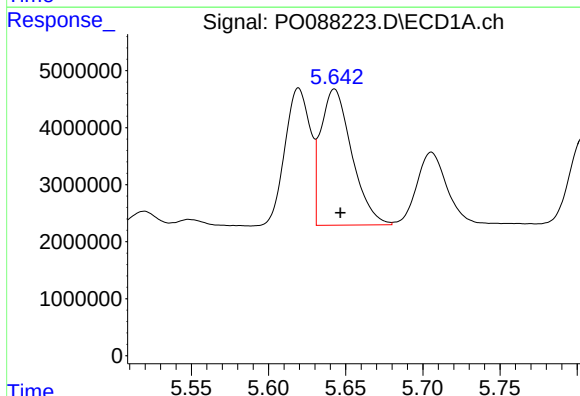
R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 27667715
Conc: 315.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



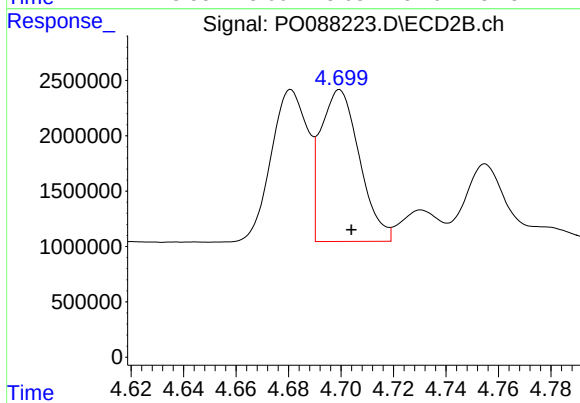
#3 AR-1016-1

R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 13299482
Conc: 369.63 ng/ml



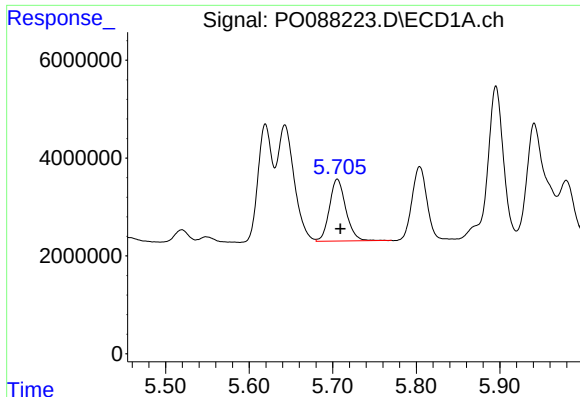
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 33440857
Conc: 266.54 ng/ml



#4 AR-1016-2

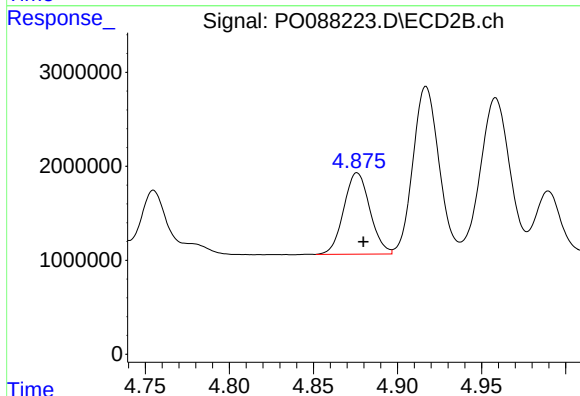
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 14118408
Conc: 276.32 ng/ml



#5 AR-1016-3

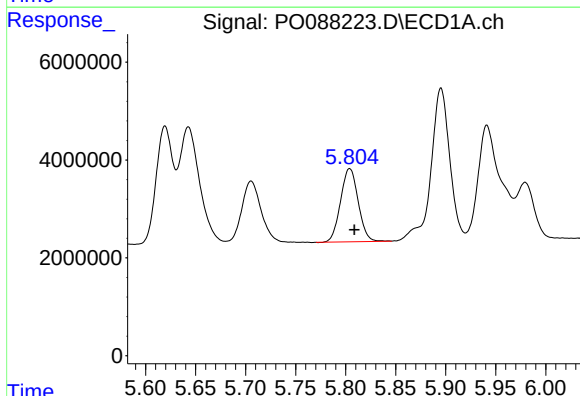
R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 17245101
Conc: 222.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



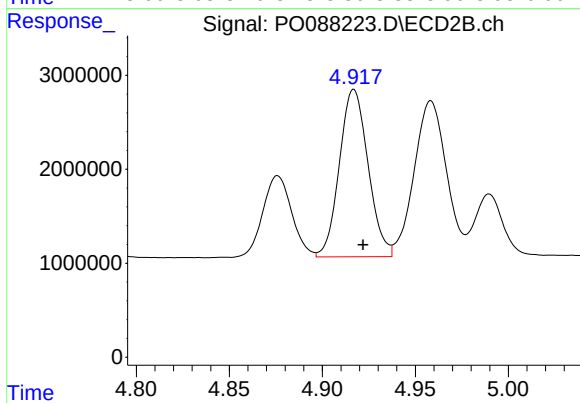
#5 AR-1016-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 9374509
Conc: 337.68 ng/ml



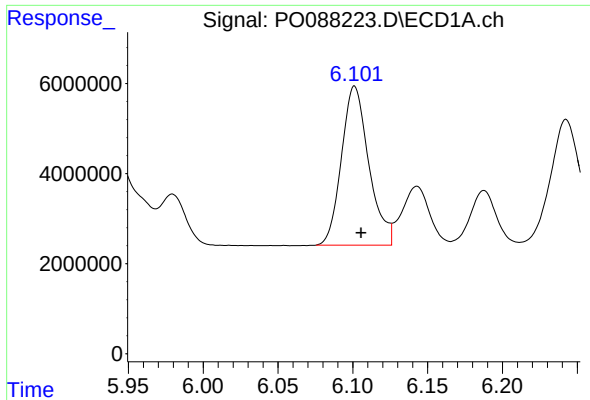
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 18412195
Conc: 298.55 ng/ml



#6 AR-1016-4

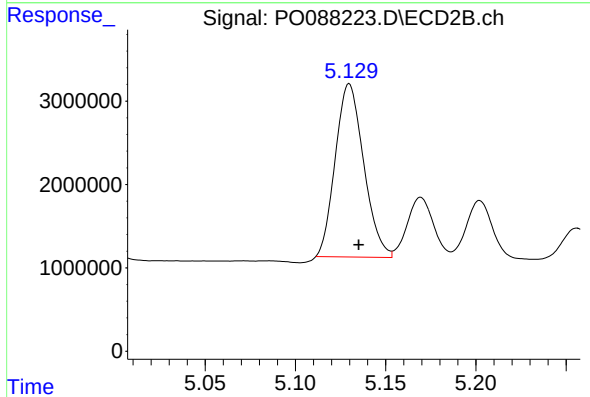
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 19128707
Conc: 822.33 ng/ml



#7 AR-1016-5

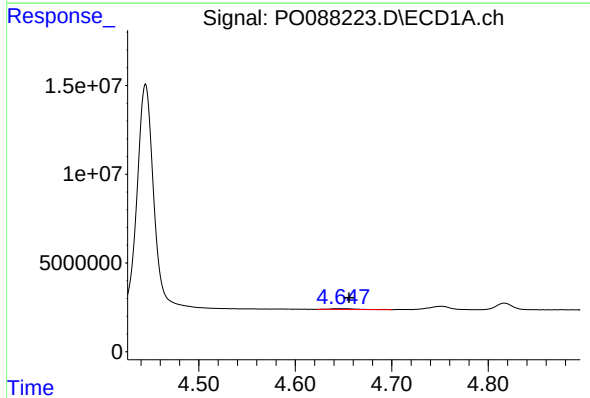
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 44933449
Conc: 723.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



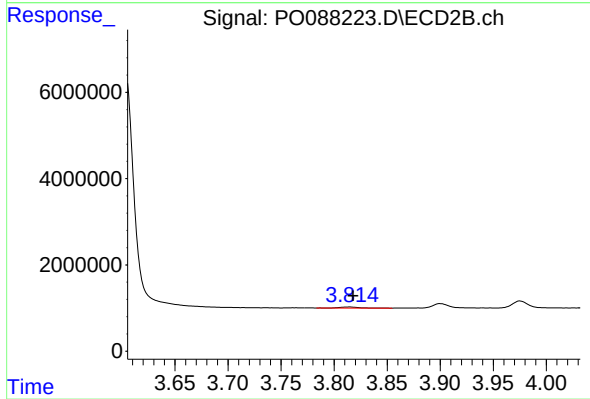
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 22792753
Conc: 770.15 ng/ml



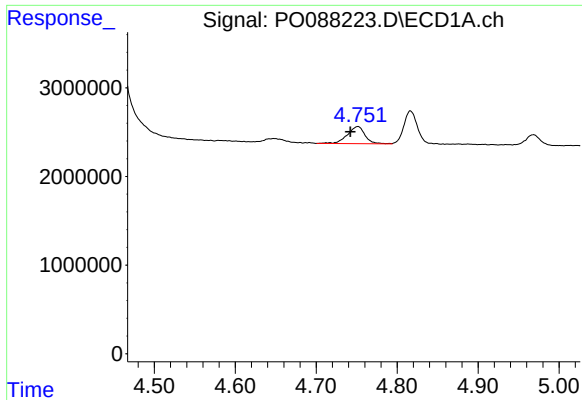
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.008 min
Response: 759984
Conc: 25.12 ng/ml



#8 AR-1221-1

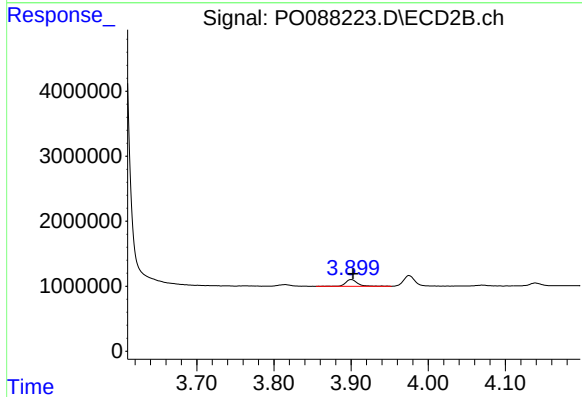
R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 304991
Conc: 29.15 ng/ml



#9 AR-1221-2

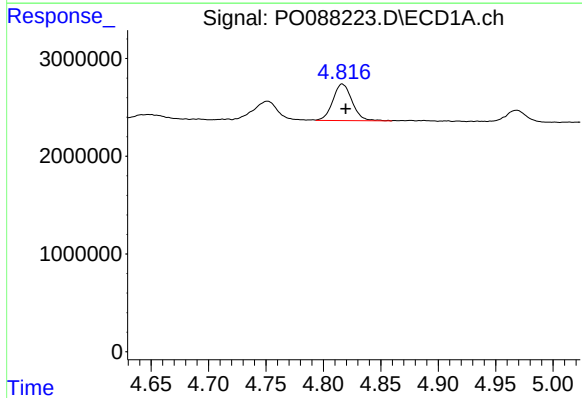
R.T.: 4.751 min
Delta R.T.: 0.009 min
Response: 2927350
Conc: 132.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



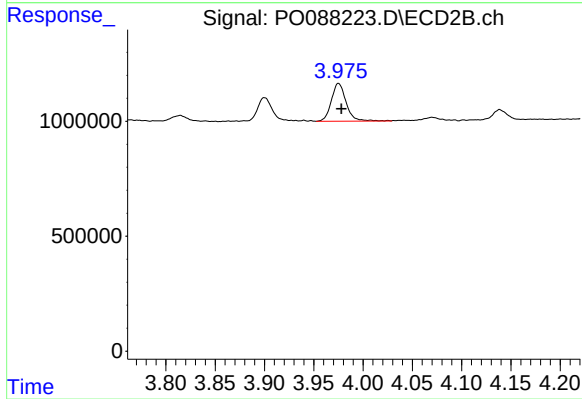
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 1133111
Conc: 142.88 ng/ml



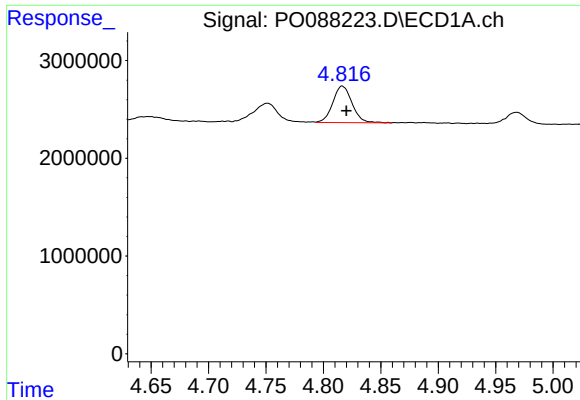
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 4362082
Conc: 63.30 ng/ml



#10 AR-1221-3

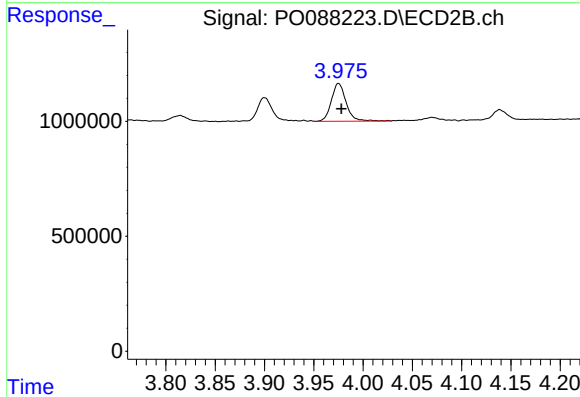
R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 1720276
Conc: 67.15 ng/ml



#11 AR-1232-1

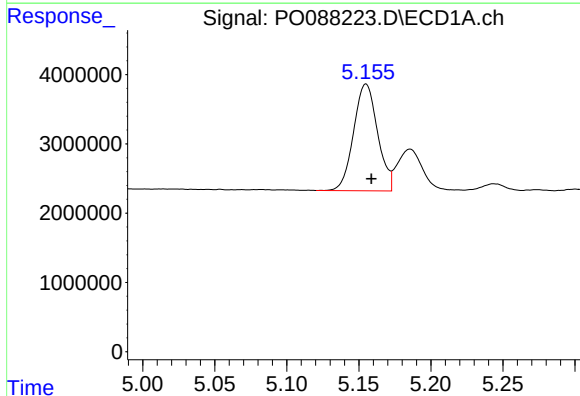
R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 4362082
Conc: 83.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



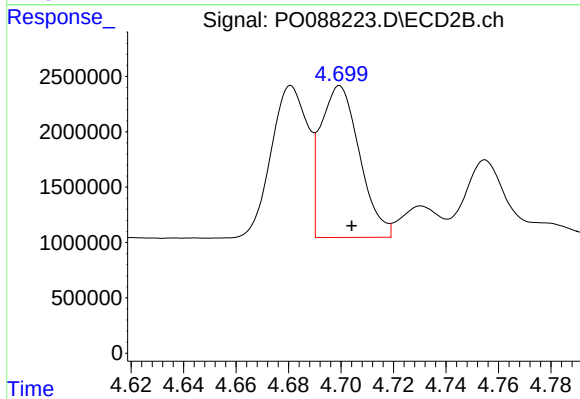
#11 AR-1232-1

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 1720276
Conc: 88.92 ng/ml



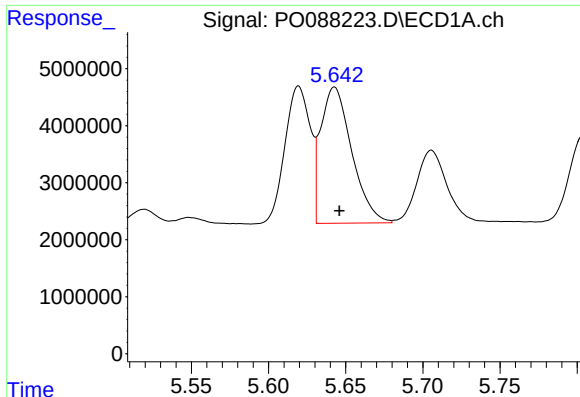
#12 AR-1232-2

R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 17873650
Conc: 697.18 ng/ml



#12 AR-1232-2

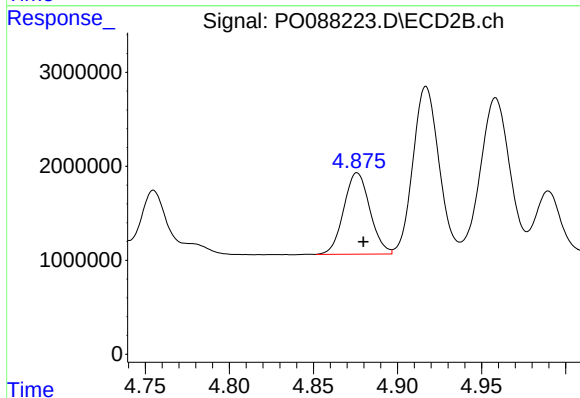
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 14118408
Conc: 715.89 ng/ml



#13 AR-1232-3

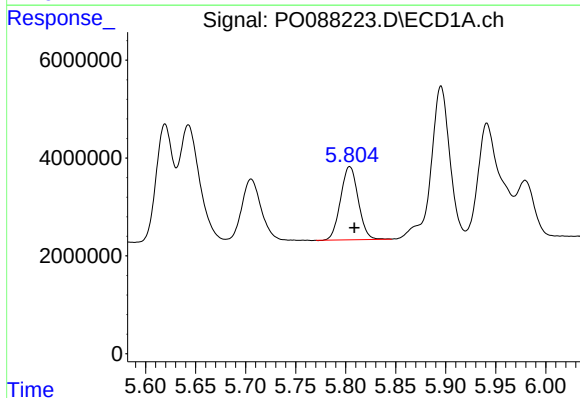
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 33440857
Conc: 695.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



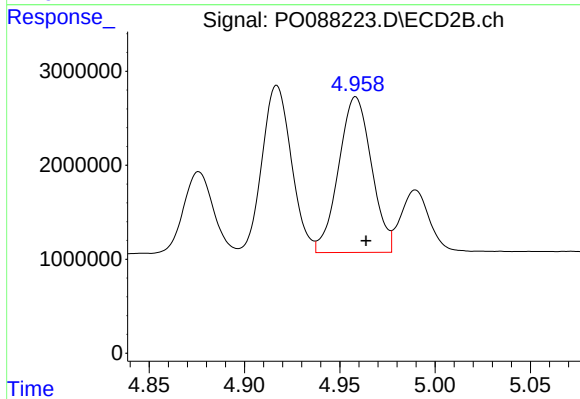
#13 AR-1232-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 9374509
Conc: 920.64 ng/ml



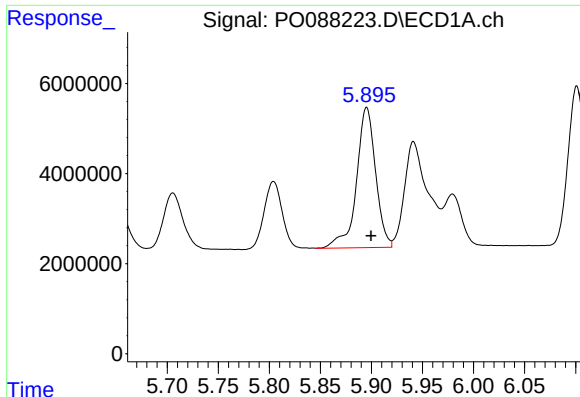
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.005 min
Response: 18412195
Conc: 791.72 ng/ml



#14 AR-1232-4

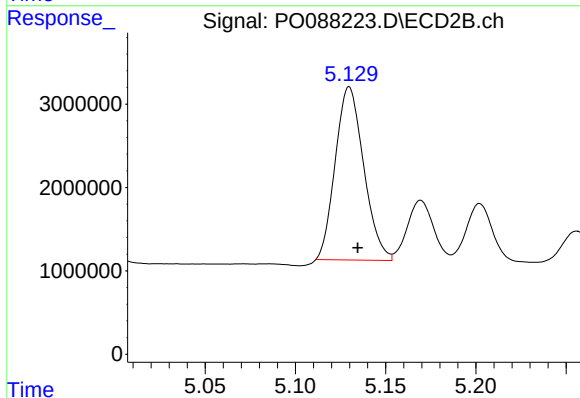
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 19915640
Conc: 2050.19 ng/ml



#15 AR-1232-5

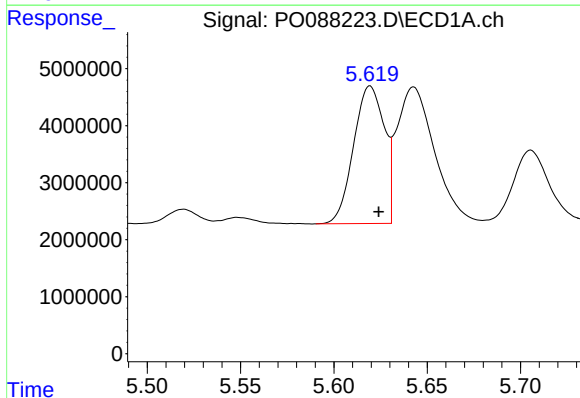
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 40606349
Conc: 2089.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



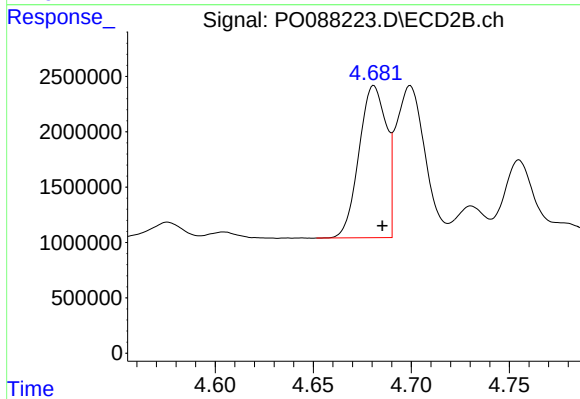
#15 AR-1232-5

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 22792753
Conc: 2095.70 ng/ml



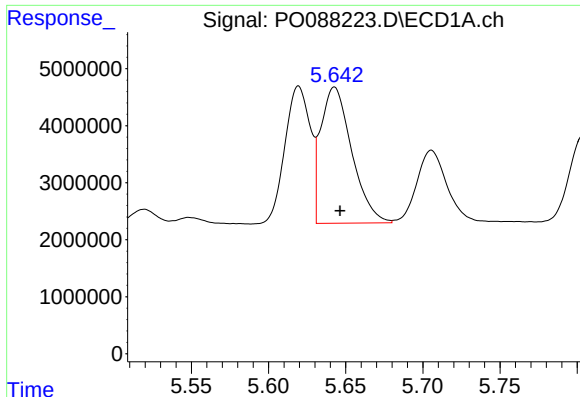
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 27667715
Conc: 405.27 ng/ml



#16 AR-1242-1

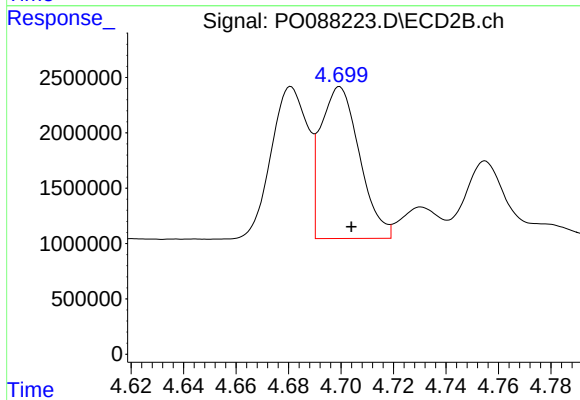
R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 13299482
Conc: 457.13 ng/ml



#17 AR-1242-2

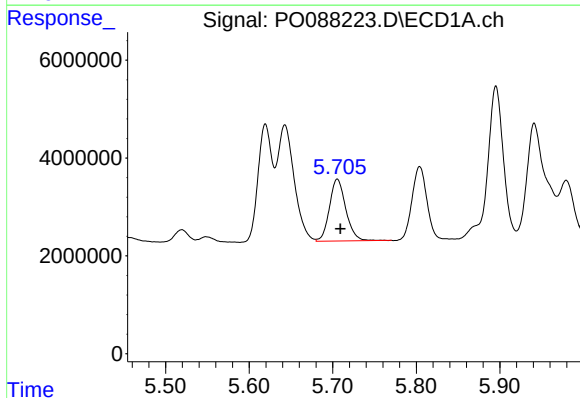
R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 33440857
Conc: 345.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



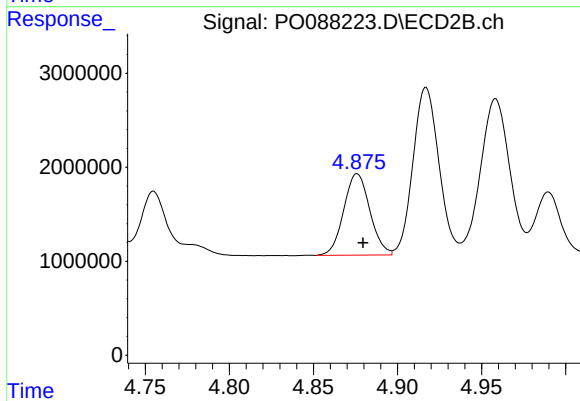
#17 AR-1242-2

R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 14118408
Conc: 348.59 ng/ml



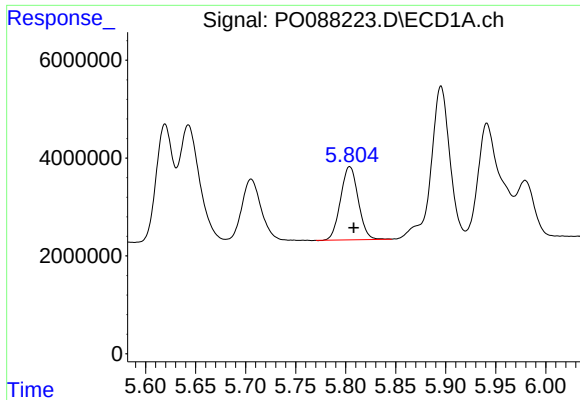
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 17245101
Conc: 284.23 ng/ml



#18 AR-1242-3

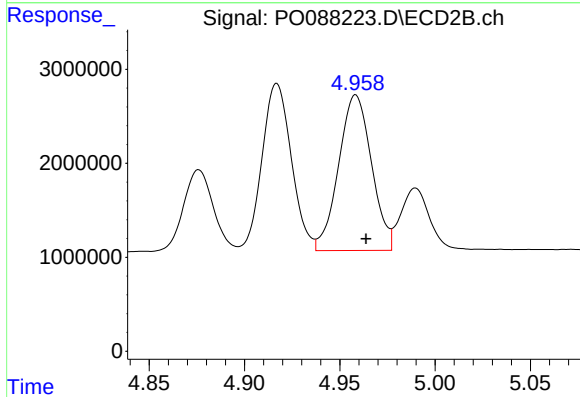
R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 9374509
Conc: 424.27 ng/ml



#19 AR-1242-4

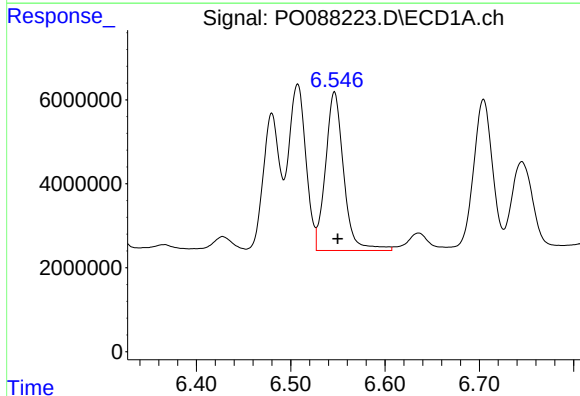
R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 18412195
Conc: 382.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



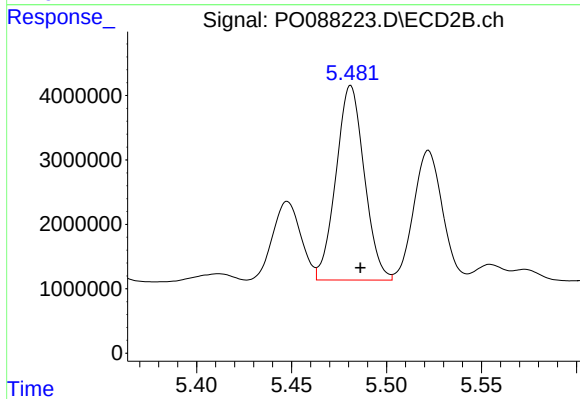
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 19915640
Conc: 851.77 ng/ml



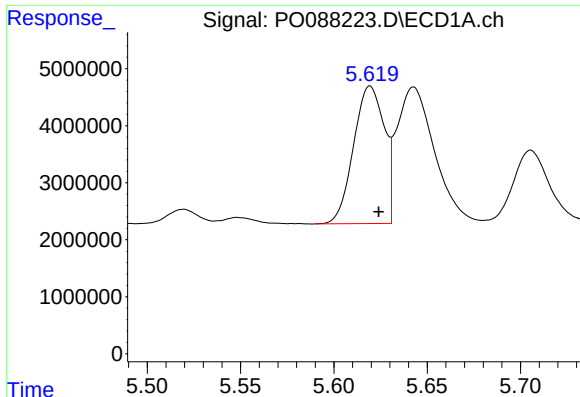
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: -0.003 min
Response: 50553527
Conc: 959.93 ng/ml



#20 AR-1242-5

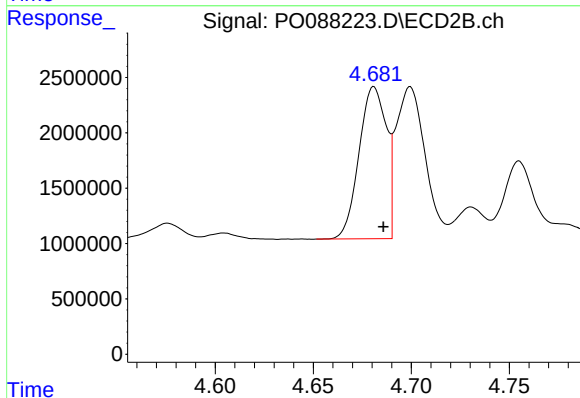
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 31335458
Conc: 1169.19 ng/ml



#21 AR-1248-1

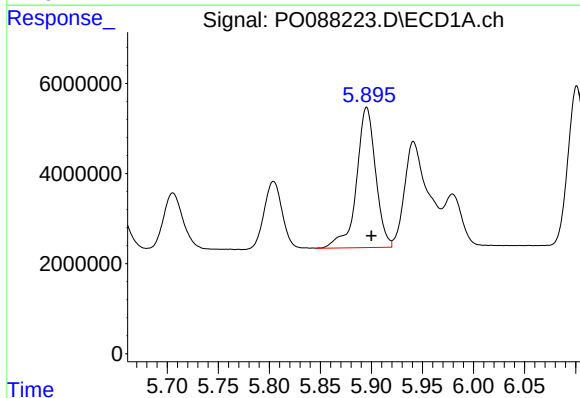
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 27667715
Conc: 517.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



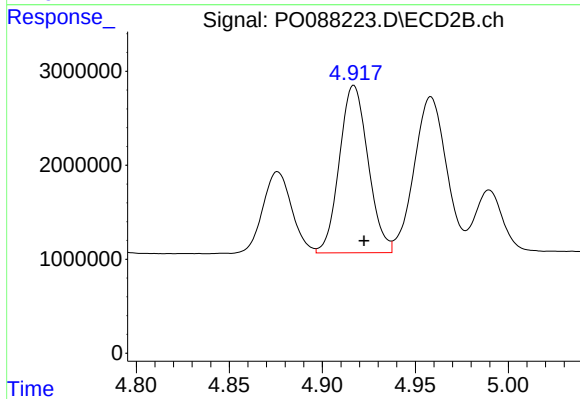
#21 AR-1248-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 13299482
Conc: 580.60 ng/ml



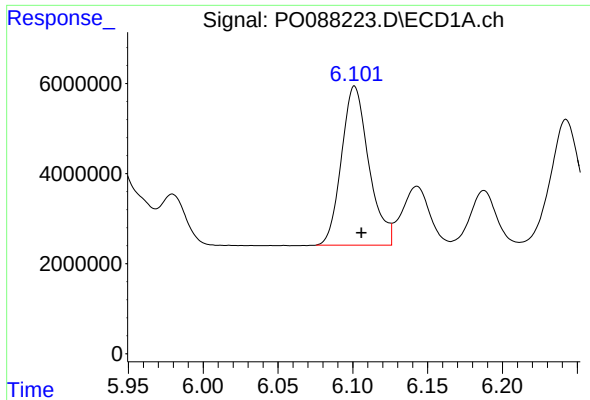
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 40606349
Conc: 522.60 ng/ml



#22 AR-1248-2

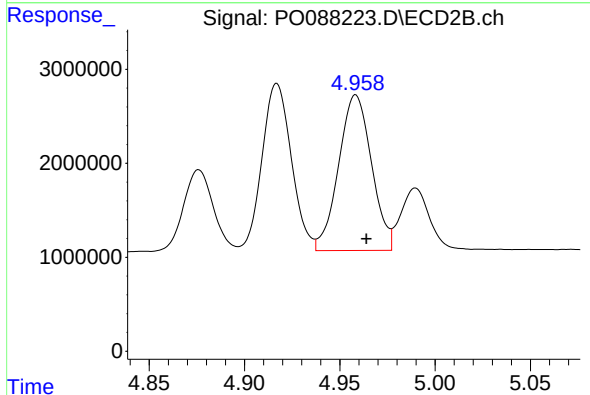
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 19128707
Conc: 567.07 ng/ml



#23 AR-1248-3

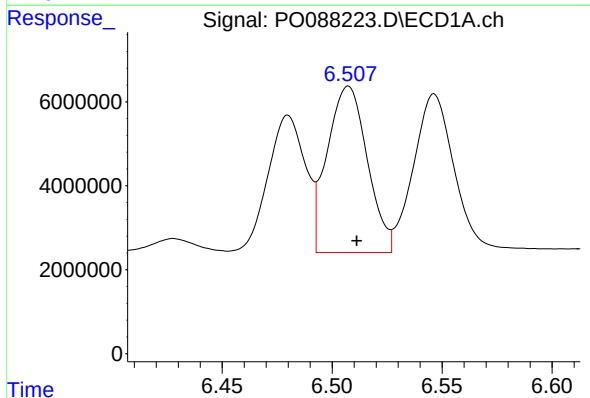
R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 44933449
Conc: 536.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



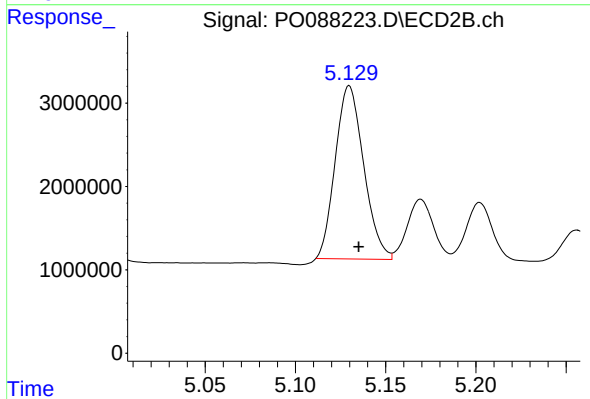
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 19915640
Conc: 573.06 ng/ml



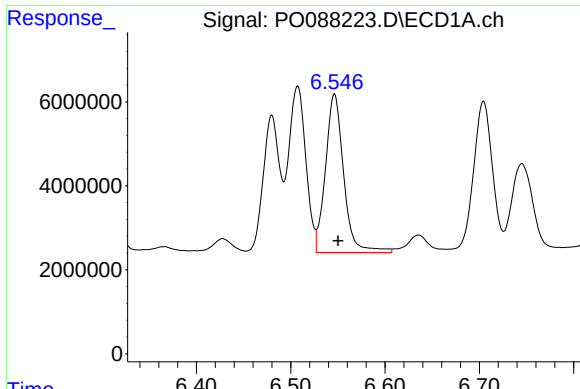
#24 AR-1248-4

R.T.: 6.507 min
Delta R.T.: -0.004 min
Response: 50203533
Conc: 546.24 ng/ml



#24 AR-1248-4

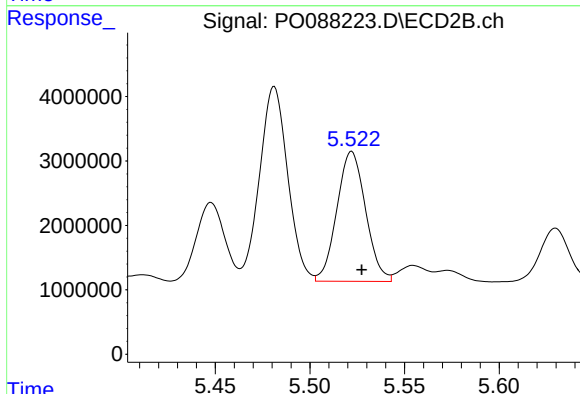
R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 22792753
Conc: 544.44 ng/ml



#25 AR-1248-5

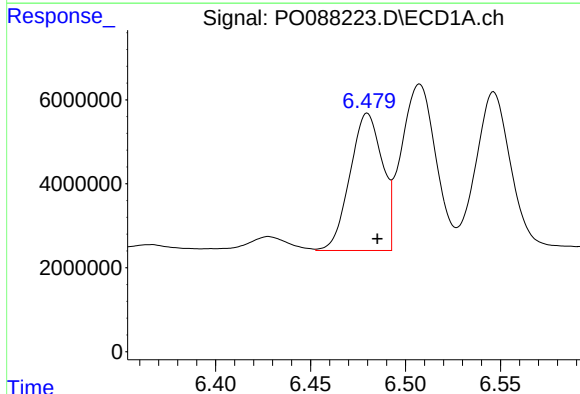
R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 50553527
Conc: 562.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



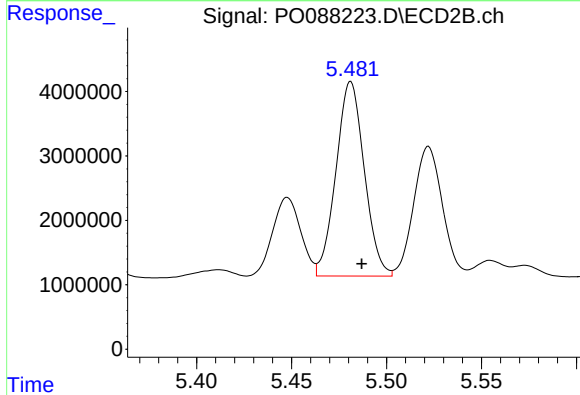
#25 AR-1248-5

R.T.: 5.522 min
Delta R.T.: -0.005 min
Response: 21323259
Conc: 591.83 ng/ml



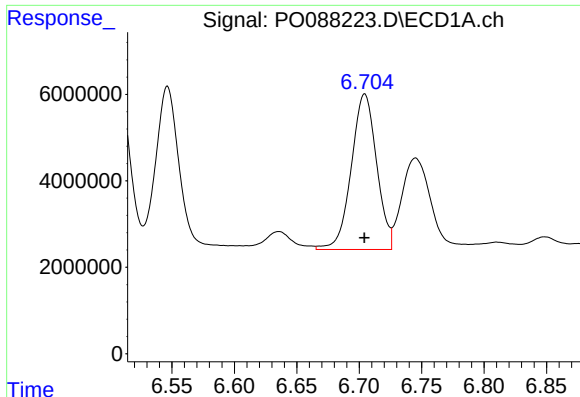
#26 AR-1254-1

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 38791372
Conc: 409.13 ng/ml



#26 AR-1254-1

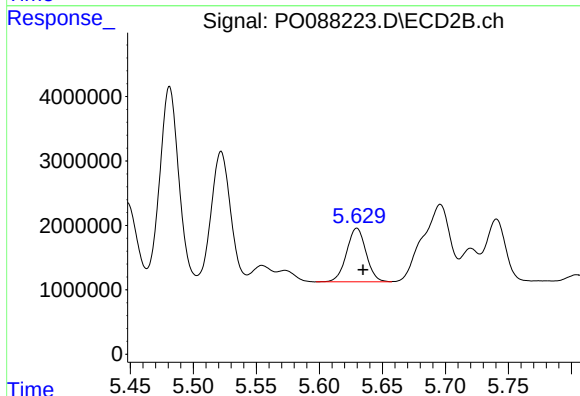
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 31335458
Conc: 543.50 ng/ml



#27 AR-1254-2

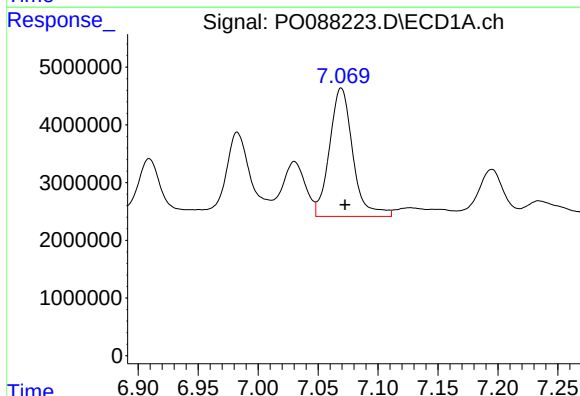
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 50919765
Conc: 354.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



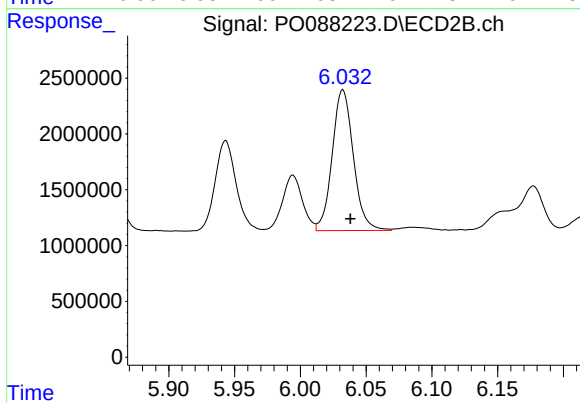
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 8975642
Conc: 175.05 ng/ml



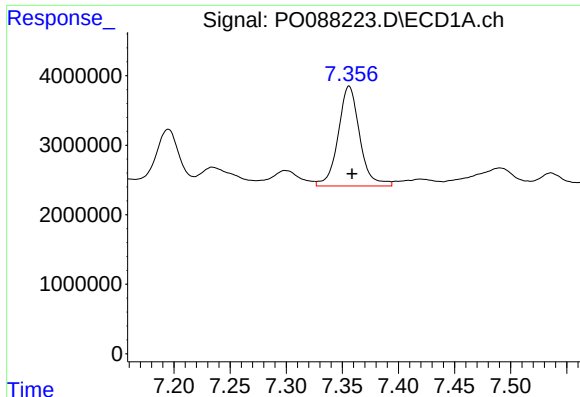
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 30153877
Conc: 205.86 ng/ml



#28 AR-1254-3

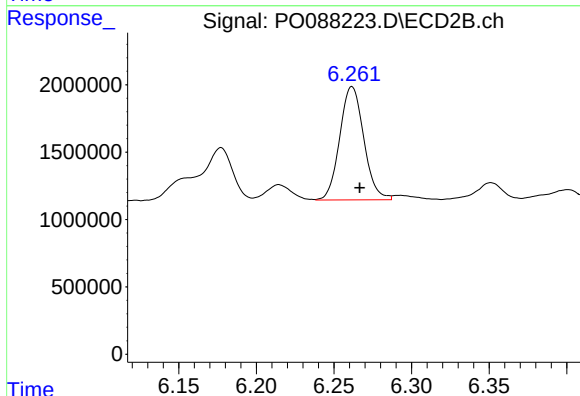
R.T.: 6.032 min
Delta R.T.: -0.006 min
Response: 14115553
Conc: 173.94 ng/ml



#29 AR-1254-4

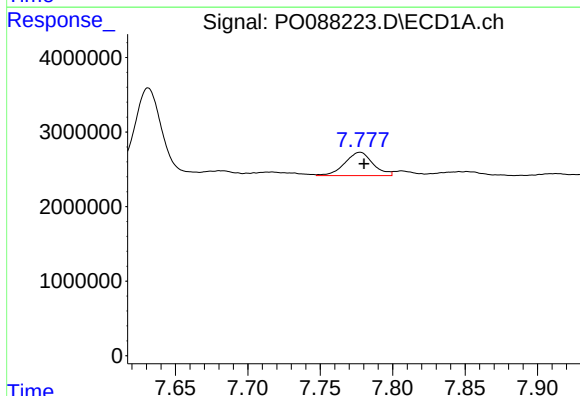
R.T.: 7.356 min
Delta R.T.: -0.003 min
Response: 19188383
Conc: 177.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



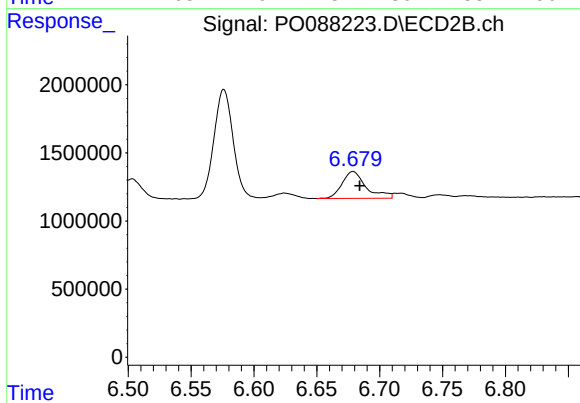
#29 AR-1254-4

R.T.: 6.262 min
Delta R.T.: -0.005 min
Response: 9089429
Conc: 182.25 ng/ml



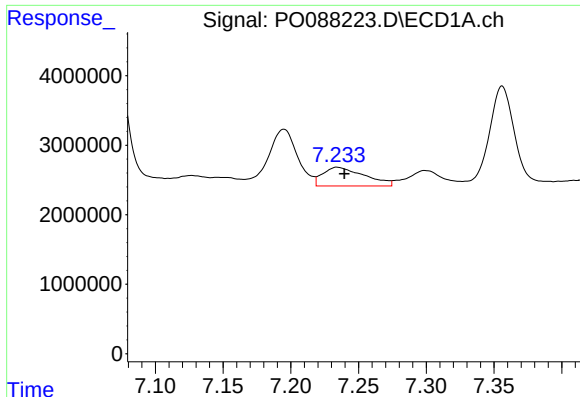
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 4255465
Conc: 35.36 ng/ml



#30 AR-1254-5

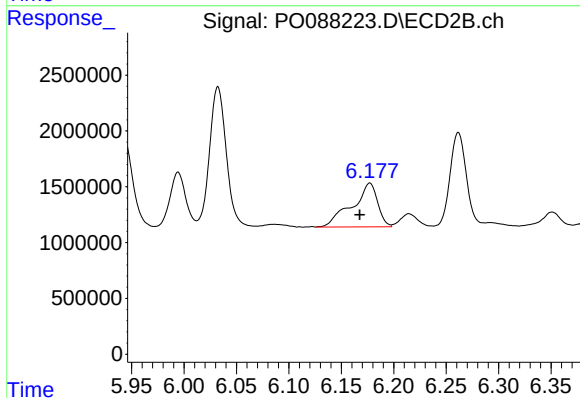
R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 2628484
Conc: 34.80 ng/ml



#31 AR-1260-1

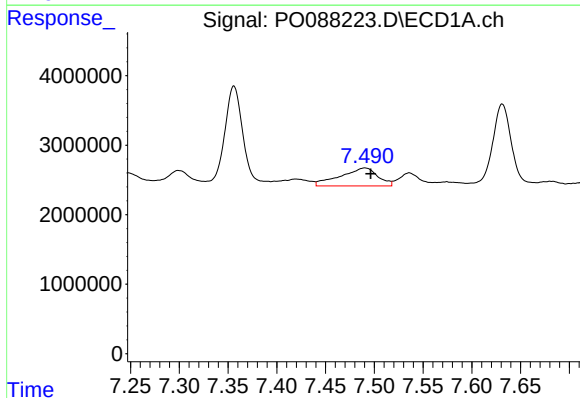
R.T.: 7.234 min
Delta R.T.: -0.005 min
Response: 5764917
Conc: 49.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



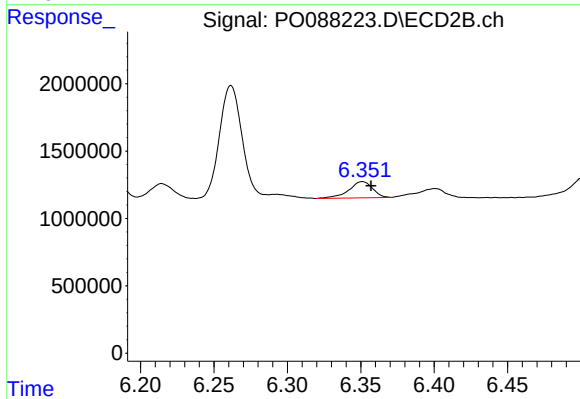
#31 AR-1260-1

R.T.: 6.177 min
Delta R.T.: 0.010 min
Response: 6644876
Conc: 122.60 ng/ml



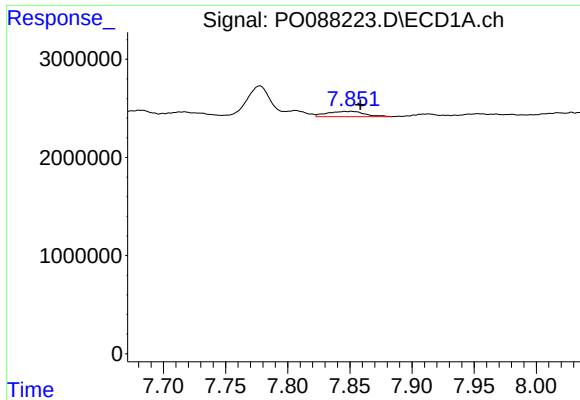
#32 AR-1260-2

R.T.: 7.490 min
Delta R.T.: -0.006 min
Response: 6899347
Conc: 51.06 ng/ml



#32 AR-1260-2

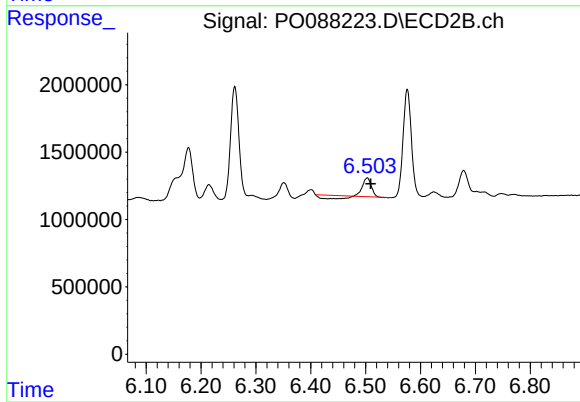
R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 1357246
Conc: 20.90 ng/ml



#33 AR-1260-3

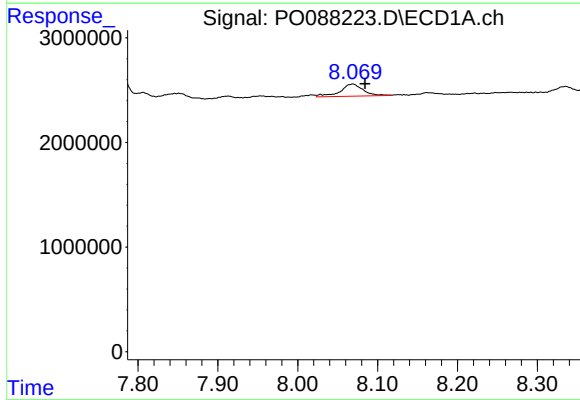
R.T.: 7.851 min
Delta R.T.: -0.007 min
Response: 1131736
Conc: 12.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



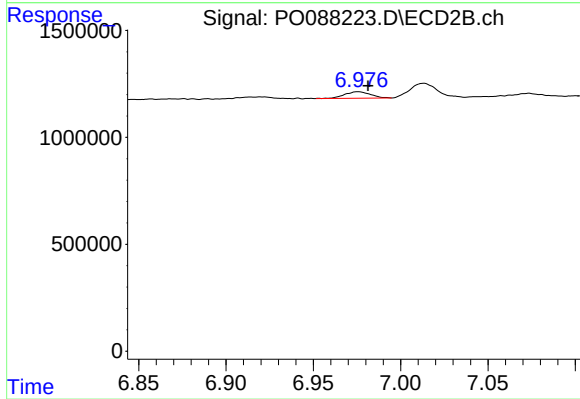
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 915402
Conc: 14.72 ng/ml



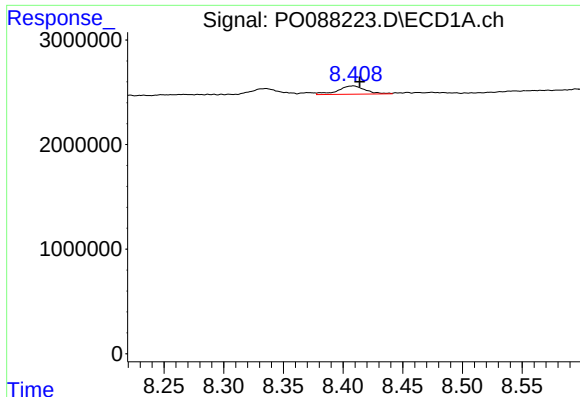
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: -0.015 min
Response: 2329529
Conc: 21.57 ng/ml



#34 AR-1260-4

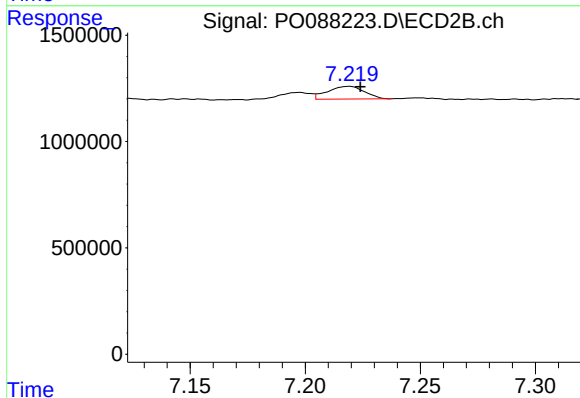
R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 312600
Conc: 6.61 ng/ml



#35 AR-1260-5

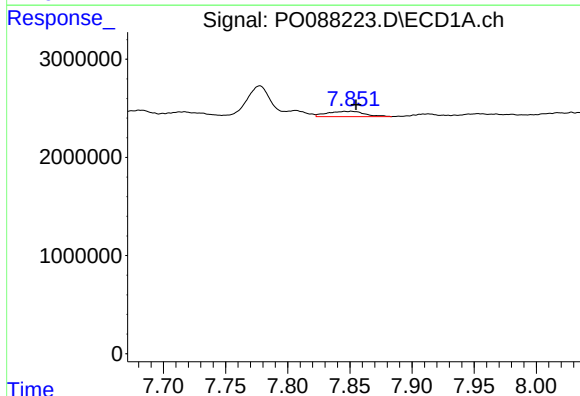
R.T.: 8.408 min
Delta R.T.: -0.006 min
Response: 1273071
Conc: 6.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



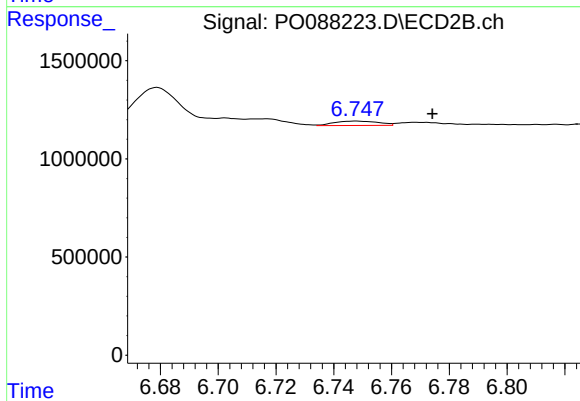
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.005 min
Response: 665352
Conc: 5.82 ng/ml



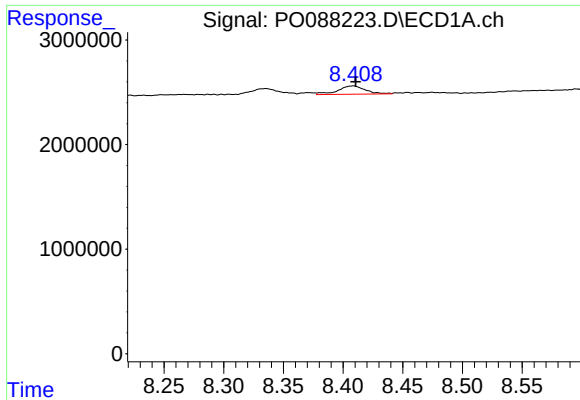
#36 AR-1262-1

R.T.: 7.851 min
Delta R.T.: -0.004 min
Response: 1131736
Conc: 8.24 ng/ml



#36 AR-1262-1

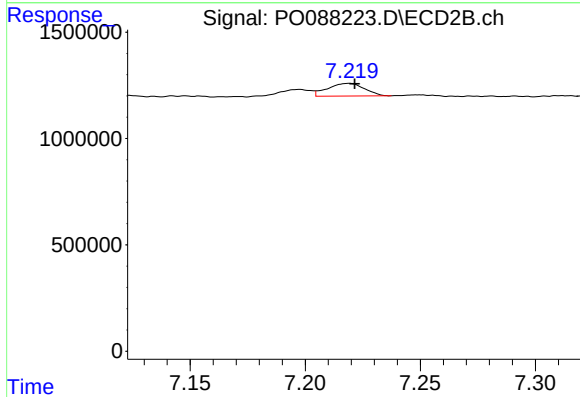
R.T.: 6.748 min
Delta R.T.: -0.027 min
Response: 239740
Conc: 7.91 ng/ml



#37 AR-1262-2

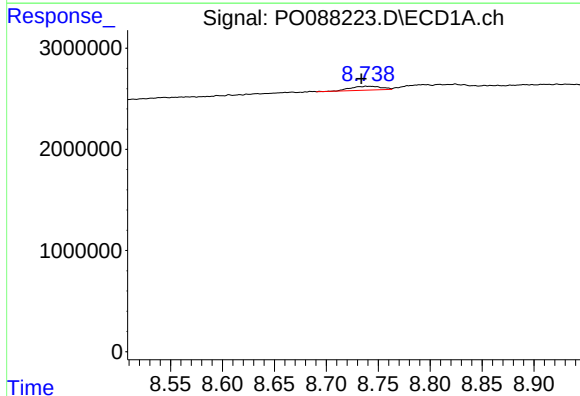
R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 1273071
Conc: 5.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



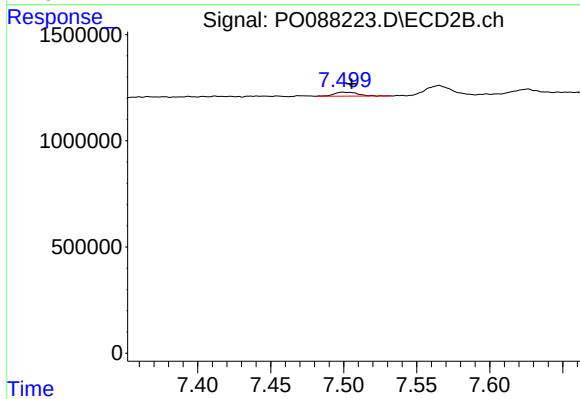
#37 AR-1262-2

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 665352
Conc: 4.95 ng/ml



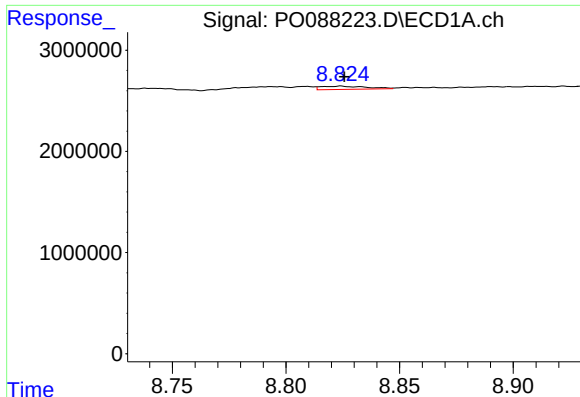
#38 AR-1262-3

R.T.: 8.739 min
Delta R.T.: 0.005 min
Response: 794325
Conc: 4.79 ng/ml



#38 AR-1262-3

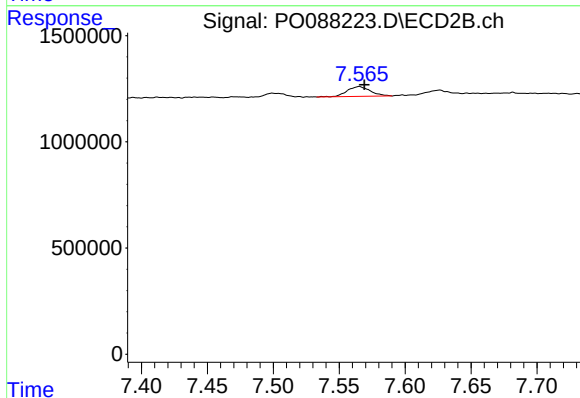
R.T.: 7.500 min
Delta R.T.: -0.006 min
Response: 215416
Conc: 3.95 ng/ml



#39 AR-1262-4

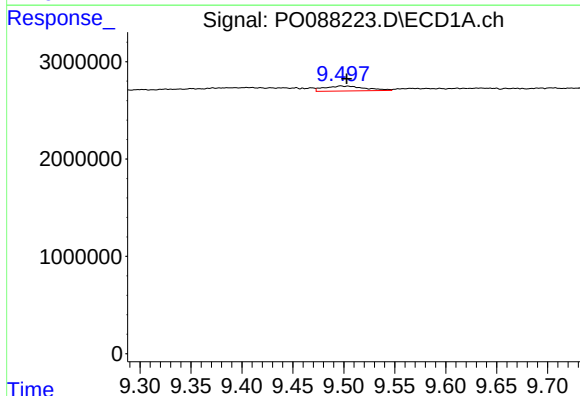
R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 444780
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



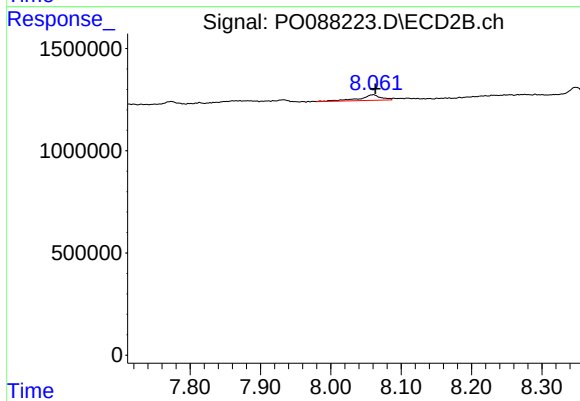
#39 AR-1262-4

R.T.: 7.565 min
Delta R.T.: -0.004 min
Response: 560415
Conc: 5.54 ng/ml



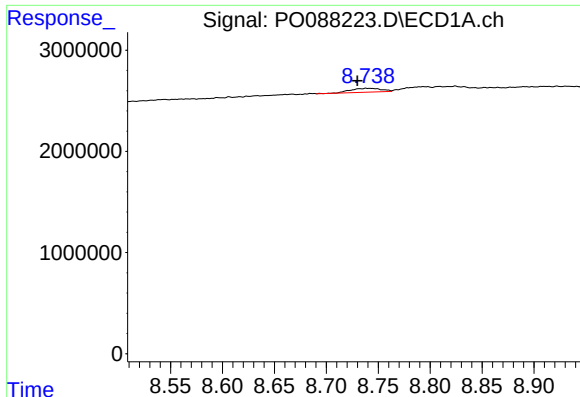
#40 AR-1262-5

R.T.: 9.497 min
Delta R.T.: -0.006 min
Response: 1399947
Conc: 15.71 ng/ml



#40 AR-1262-5

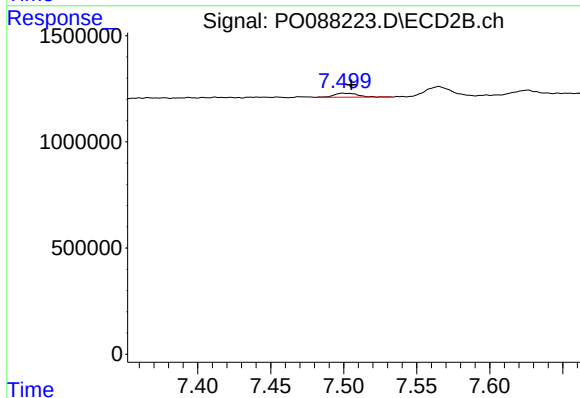
R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 587054
Conc: 11.95 ng/ml



#41 AR-1268-1

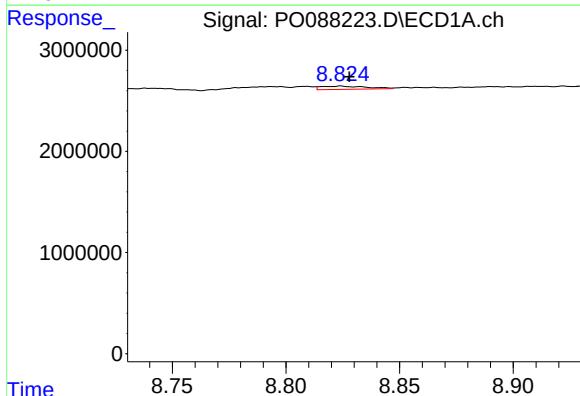
R.T.: 8.739 min
Delta R.T.: 0.009 min
Response: 794325
Conc: 2.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



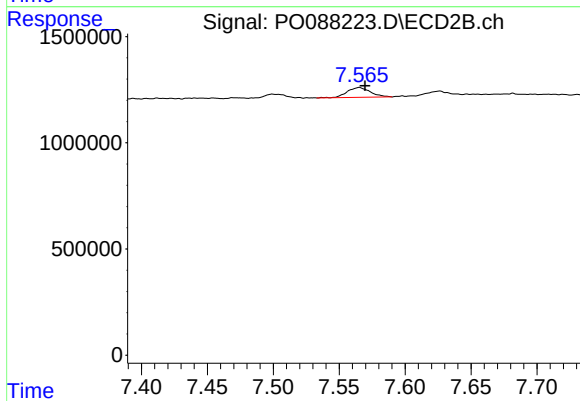
#41 AR-1268-1

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 215416
Conc: 1.36 ng/ml



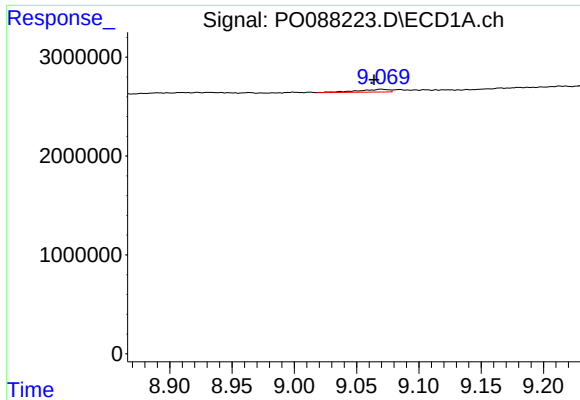
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: -0.004 min
Response: 444780
Conc: 1.71 ng/ml



#42 AR-1268-2

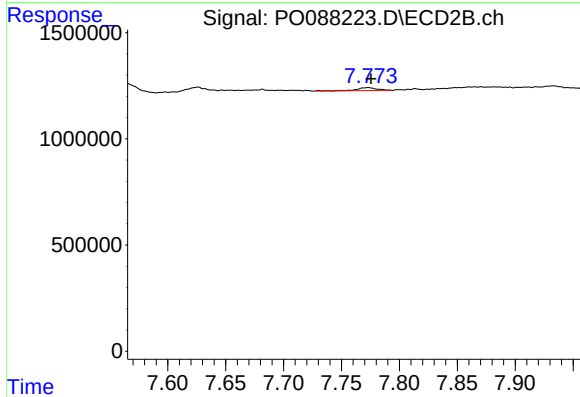
R.T.: 7.565 min
Delta R.T.: -0.004 min
Response: 560415
Conc: 3.90 ng/ml



#43 AR-1268-3

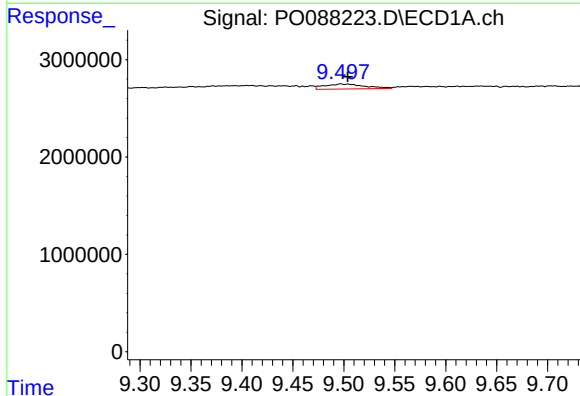
R.T.: 9.070 min
Delta R.T.: 0.006 min
Response: 488408
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



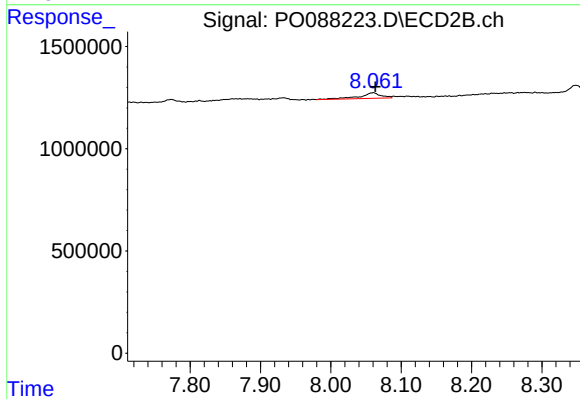
#43 AR-1268-3

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 185448
Conc: 1.49 ng/ml



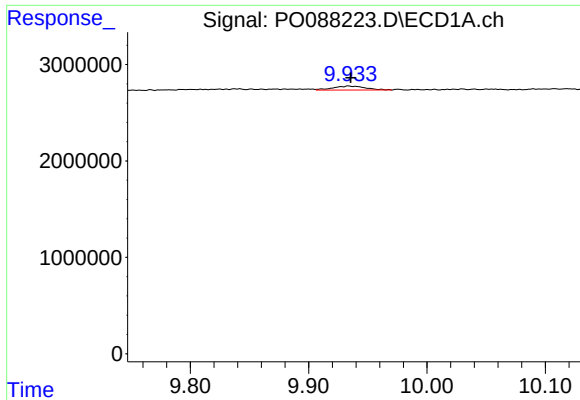
#44 AR-1268-4

R.T.: 9.497 min
Delta R.T.: -0.007 min
Response: 1399947
Conc: 14.28 ng/ml



#44 AR-1268-4

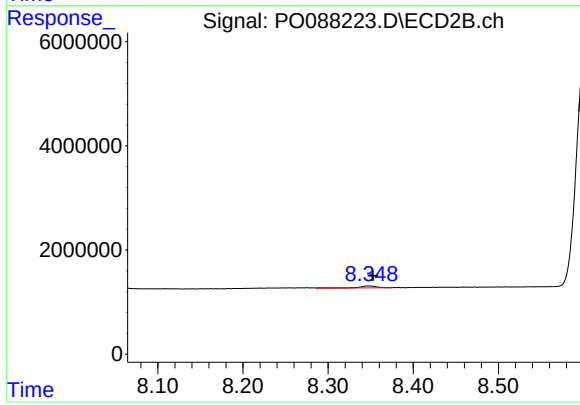
R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 587054
Conc: 10.94 ng/ml



#45 AR-1268-5

R.T.: 9.934 min
Delta R.T.: -0.002 min
Response: 757272
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.004 min
Response: 611599
Conc: 1.58 ng/ml