

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041223\
 Data File : PP056874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 12:53
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:13:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.440	3.662	101.4E6	71576637	47.195	41.155
2)	SA Decachlor...	10.288	8.750	61257032	64922315	46.800	41.291
Target Compounds							
3)	L1 AR-1016-1	5.617	4.763	889510	613399	14.487	11.517
4)	L1 AR-1016-2	5.643	4.782	1325142	547189	14.860	7.379 #
5)	L1 AR-1016-3	5.703	4.962	614000	307196	10.830	7.633 #
6)	L1 AR-1016-4	5.801	5.004	549722	14505140	12.276	400.303 #
7)	L1 AR-1016-5	6.099	5.220	15090333	9086354	321.844	193.488 #
8)	L2 AR-1221-1	4.648	3.876	75161	101624	2.850	4.640 #
9)	L2 AR-1221-2	4.748f	3.966	1396691	967315	71.898	58.875
10)	L2 AR-1221-3	4.813	4.042	401925	250701	7.055	5.113 #
11)	L3 AR-1232-1	4.813	4.042	401925	250701	8.345	6.094 #
12)	L3 AR-1232-2	5.348	4.782	719901	547189	28.819	15.966 #
13)	L3 AR-1232-3	5.643	4.962	1325142	307196	32.868	16.695 #
14)	L3 AR-1232-4	5.801	5.045	549722	5475591	27.283	285.739 #
15)	L3 AR-1232-5	5.894	5.220	21313283	9086354	1212.592	427.465 #
16)	L4 AR-1242-1	5.617	4.763	889510	613399	17.688	14.262
17)	L4 AR-1242-2	5.643	4.782	1325142	547189	18.197	9.196 #
18)	L4 AR-1242-3	5.703	4.962	614000	307196	13.401	9.522 #
19)	L4 AR-1242-4	5.801	5.045	549722	5475591	15.235	150.282 #
20)	L4 AR-1242-5	6.548	5.577	11658873	40188569	351.237	1007.936 #
21)	L5 AR-1248-1	5.617	4.763	889510	613399	23.708	18.634
22)	L5 AR-1248-2	5.894	5.004	21313283	14505140	361.891	281.421
23)	L5 AR-1248-3	6.099	5.045	15090333	5475591	236.852	102.001 #
24)	L5 AR-1248-4	6.505	5.220	15899424	9086354	273.775	146.850 #
25)	L5 AR-1248-5	6.548	5.617	11658873	5244009	206.401	102.135 #
26)	L6 AR-1254-1	6.479	5.577	37427708	40188569	527.851	436.275
27)	L6 AR-1254-2	6.700	5.726	49544821	34550139	488.562	429.892
28)	L6 AR-1254-3	7.068	6.135	48691093	53223166	502.322	430.551
29)	L6 AR-1254-4	7.355	6.366	30865170	28489424	505.697	448.249
30)	L6 AR-1254-5	7.778	6.788	34209038	43955154	502.023	418.079
31)	L7 AR-1260-1	7.235	6.267	19239634	27749232	236.355	290.131
32)	L7 AR-1260-2	7.492	6.455	20256977	21781245	237.430	210.900
33)	L7 AR-1260-3	7.838	6.611	5608949	21306986	80.316	205.458 #
34)	L7 AR-1260-4	8.068	7.088	13274095	2326855	173.974	27.243 #
35)	L7 AR-1260-5	8.409	7.330	4271035	3682362	33.743	23.267 #
36)	L8 AR-1262-1	7.838	6.878	5608949	1880255	63.680	40.184 #
37)	L8 AR-1262-2	8.409	7.088	4271035	2326855	32.987	23.790 #
38)	L8 AR-1262-3	8.745f	7.621	3854332	140358	41.845	2.113 #
39)	L8 AR-1262-4	8.788f	7.680	1838587	4769274	40.493	40.464
40)	L8 AR-1262-5	9.483	8.183	28478	163576	0.709	3.356 #
41)	L9 AR-1268-1	8.692f	7.621	5436	140358	0.029	0.633 #

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 Acq On : 12 Apr 2023 12:53
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

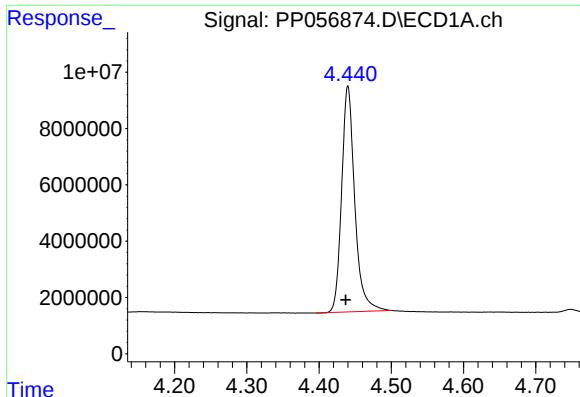
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:13:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
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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	8.788f	7.680	1838587	4769274	11.079	24.558 #
43) L9	AR-1268-3	9.037	7.890	78504	103783	0.493	0.524
44) L9	AR-1268-4	9.483	8.183	28478	163576	0.613	2.828 #
45) L9	AR-1268-5	9.905	8.484	25567	339011	0.060	0.668 #

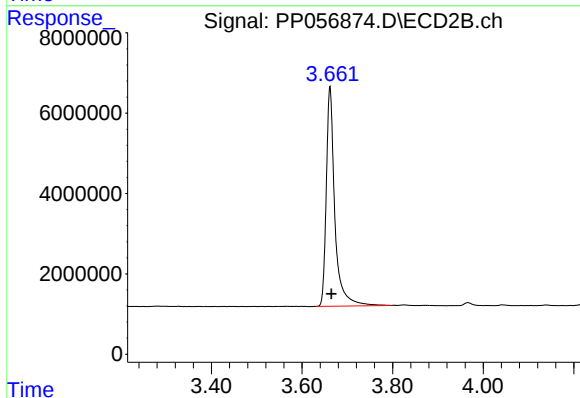
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

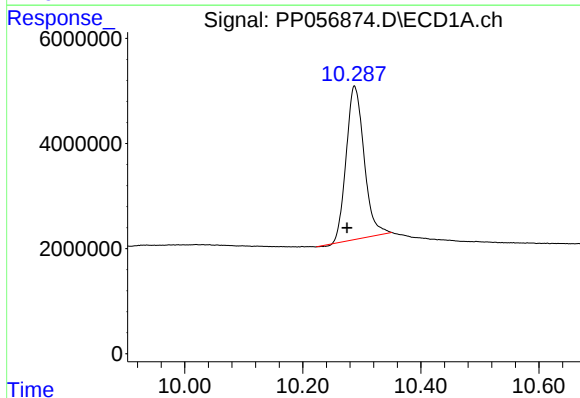
R.T.: 4.440 min
Delta R.T.: 0.003 min
Response: 101398419
Conc: 47.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



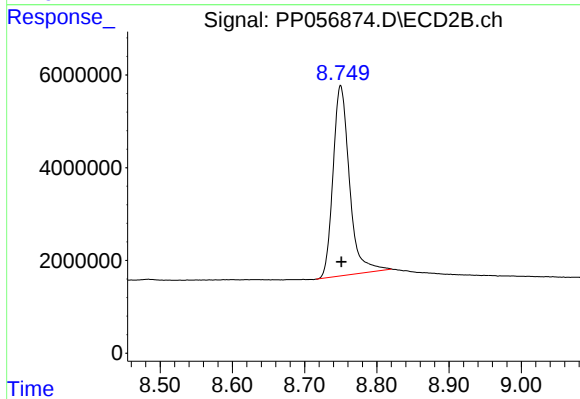
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 71576637
Conc: 41.16 ng/ml



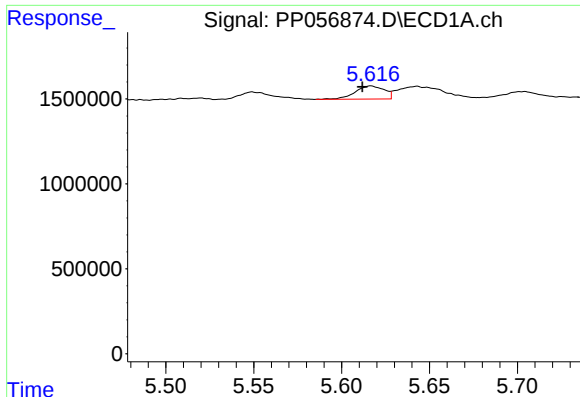
#2 Decachlorobiphenyl

R.T.: 10.288 min
Delta R.T.: 0.013 min
Response: 61257032
Conc: 46.80 ng/ml



#2 Decachlorobiphenyl

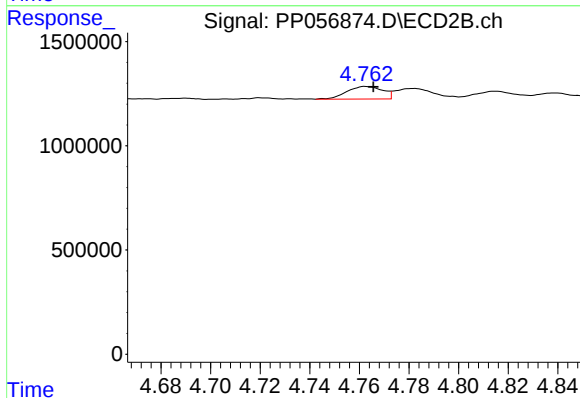
R.T.: 8.750 min
Delta R.T.: -0.001 min
Response: 64922315
Conc: 41.29 ng/ml



#3 AR-1016-1

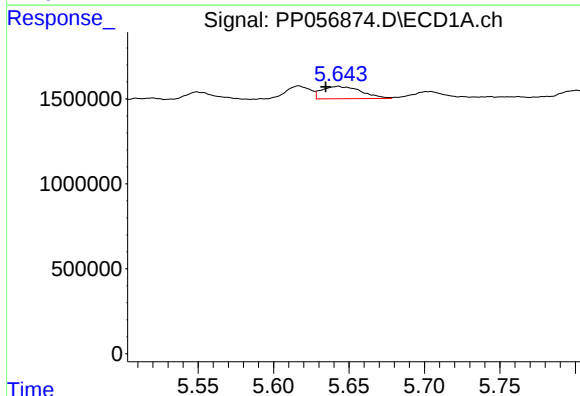
R.T.: 5.617 min
Delta R.T.: 0.005 min
Response: 889510
Conc: 14.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



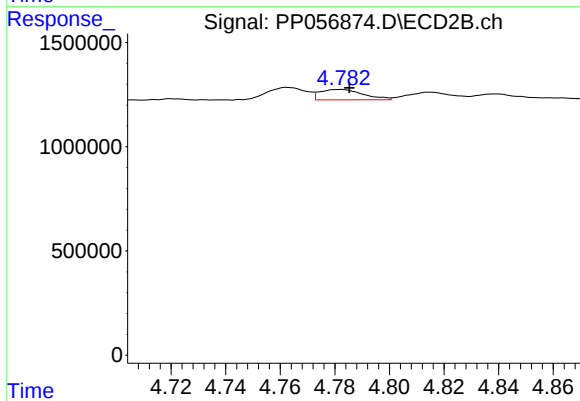
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 613399
Conc: 11.52 ng/ml



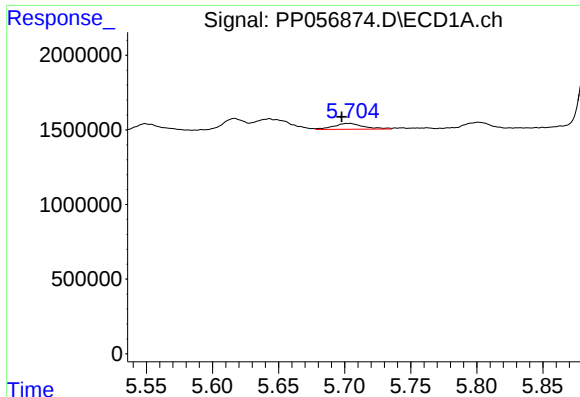
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: 0.008 min
Response: 1325142
Conc: 14.86 ng/ml



#4 AR-1016-2

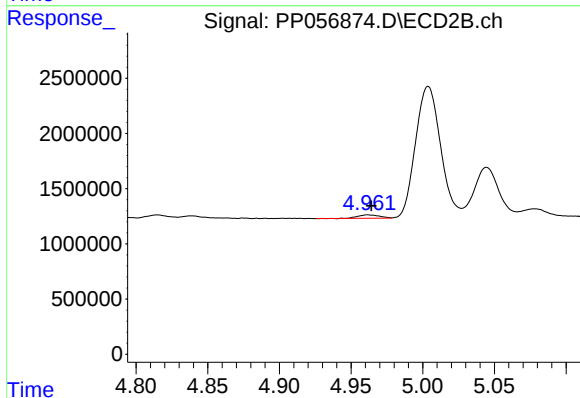
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 547189
Conc: 7.38 ng/ml



#5 AR-1016-3

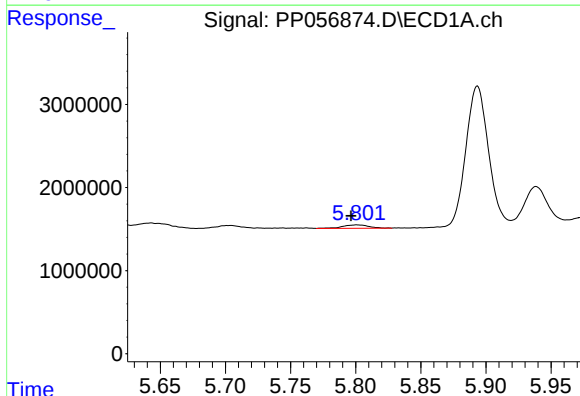
R.T.: 5.703 min
Delta R.T.: 0.006 min
Response: 614000
Conc: 10.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



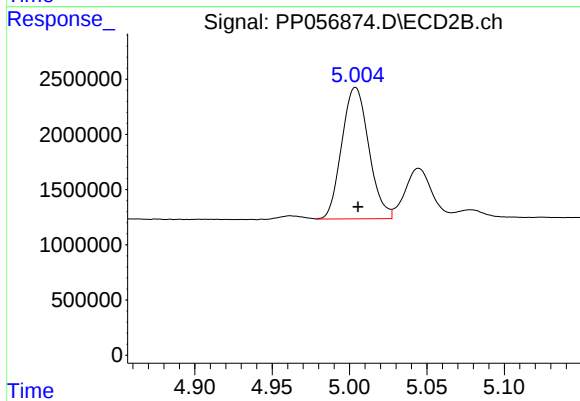
#5 AR-1016-3

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 307196
Conc: 7.63 ng/ml



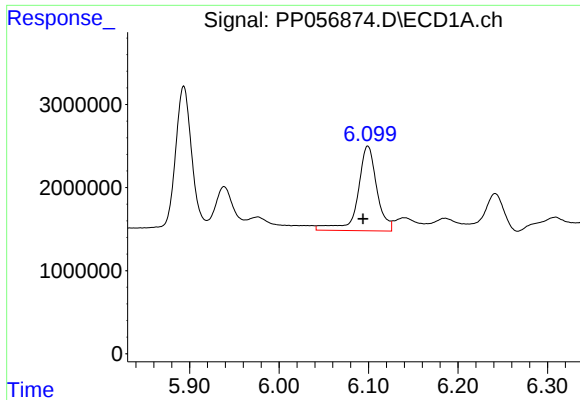
#6 AR-1016-4

R.T.: 5.801 min
Delta R.T.: 0.005 min
Response: 549722
Conc: 12.28 ng/ml



#6 AR-1016-4

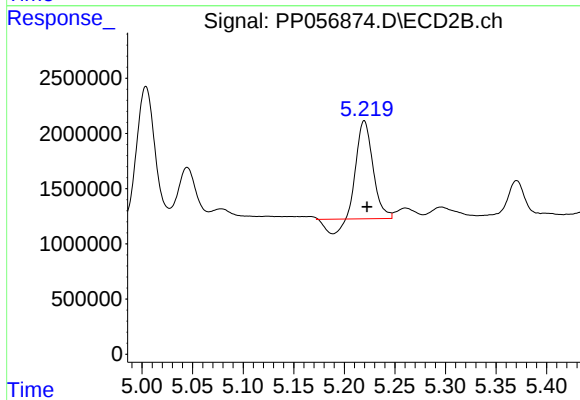
R.T.: 5.004 min
Delta R.T.: -0.002 min
Response: 14505140
Conc: 400.30 ng/ml



#7 AR-1016-5

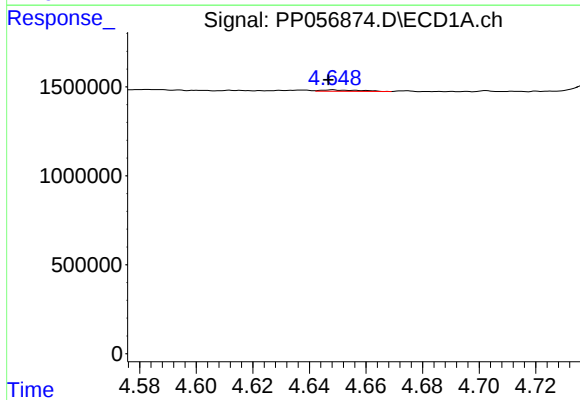
R.T.: 6.099 min
Delta R.T.: 0.005 min
Response: 15090333
Conc: 321.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



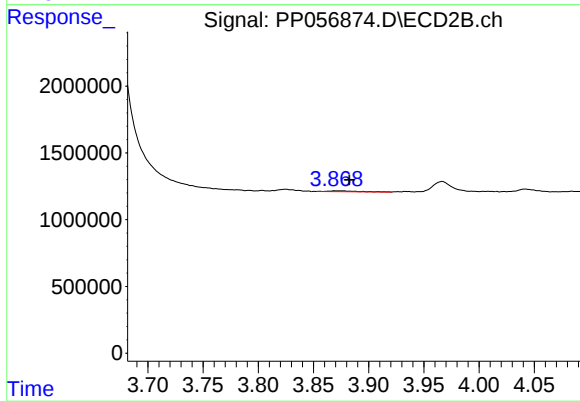
#7 AR-1016-5

R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 9086354
Conc: 193.49 ng/ml



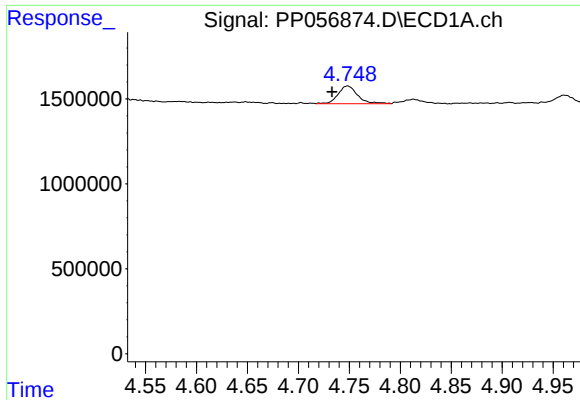
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: 0.002 min
Response: 75161
Conc: 2.85 ng/ml



#8 AR-1221-1

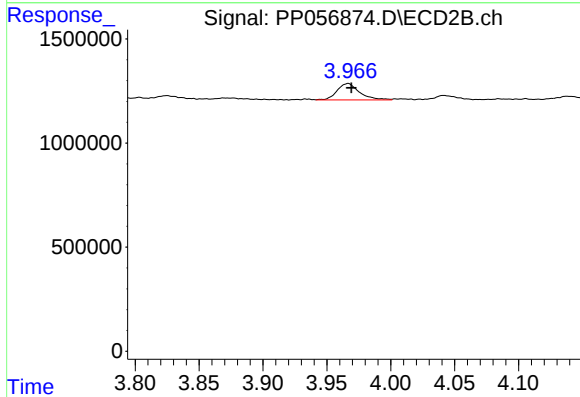
R.T.: 3.876 min
Delta R.T.: -0.006 min
Response: 101624
Conc: 4.64 ng/ml



#9 AR-1221-2

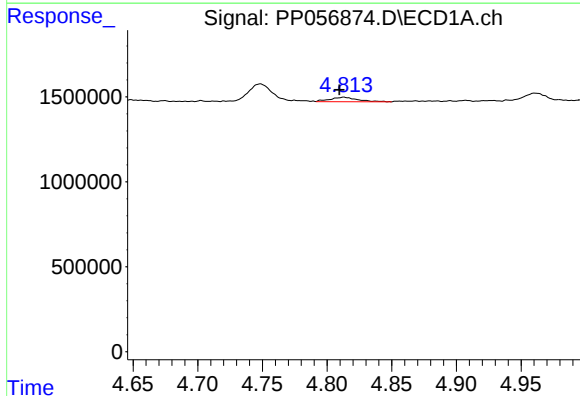
R.T.: 4.748 min
Delta R.T.: 0.015 min
Response: 1396691
Conc: 71.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



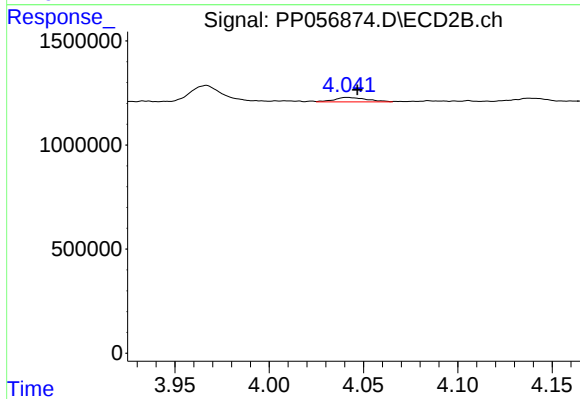
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 967315
Conc: 58.88 ng/ml



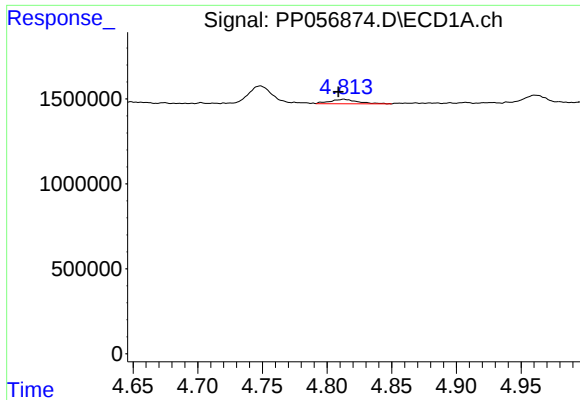
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.003 min
Response: 401925
Conc: 7.05 ng/ml



#10 AR-1221-3

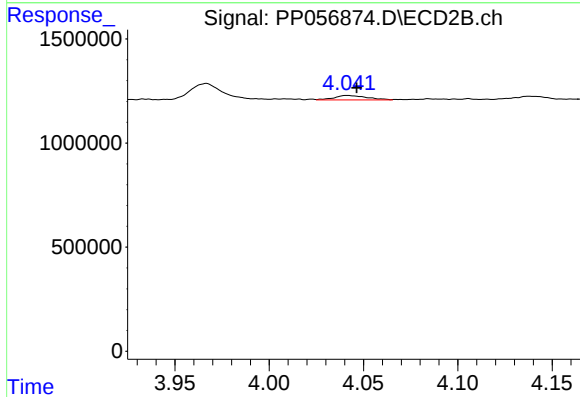
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 250701
Conc: 5.11 ng/ml



#11 AR-1232-1

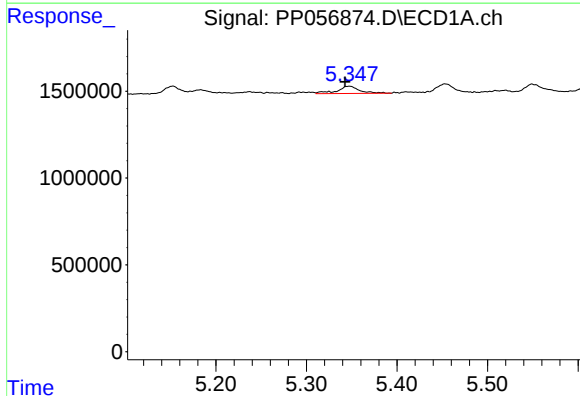
R.T.: 4.813 min
Delta R.T.: 0.004 min
Response: 401925
Conc: 8.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



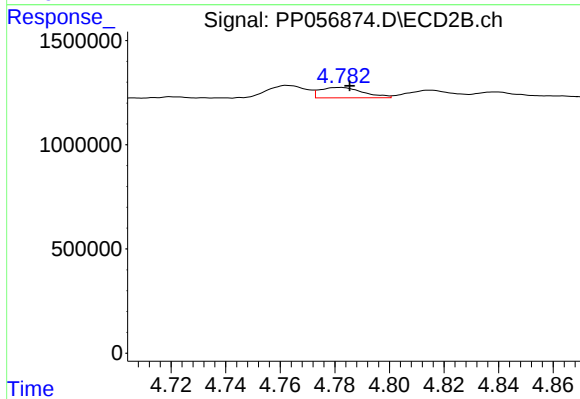
#11 AR-1232-1

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 250701
Conc: 6.09 ng/ml



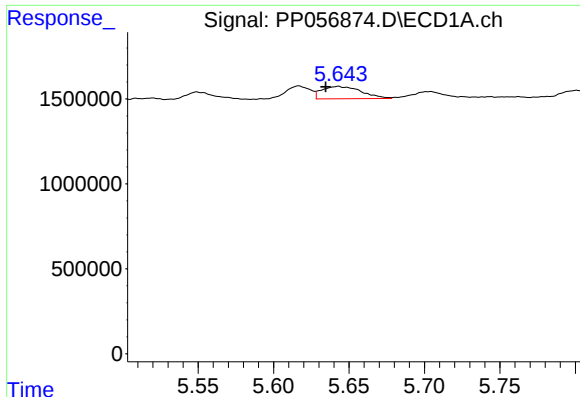
#12 AR-1232-2

R.T.: 5.348 min
Delta R.T.: 0.005 min
Response: 719901
Conc: 28.82 ng/ml



#12 AR-1232-2

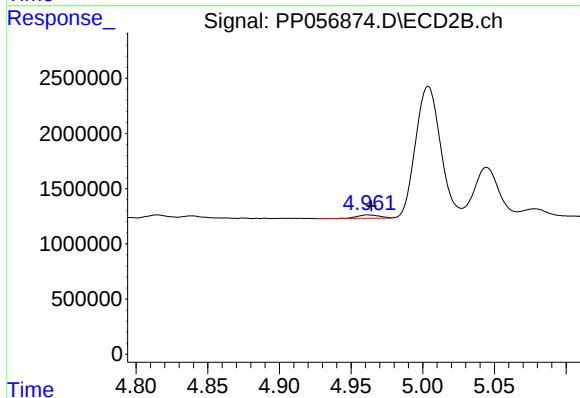
R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 547189
Conc: 15.97 ng/ml



#13 AR-1232-3

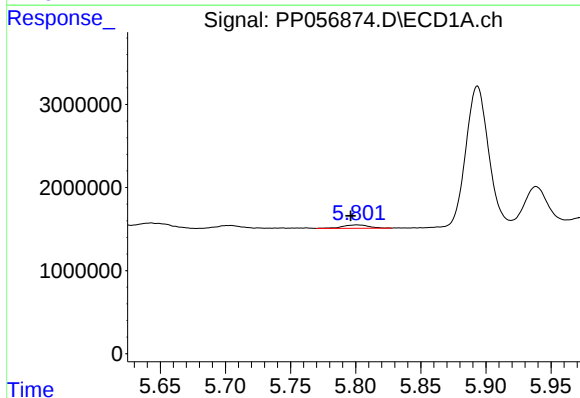
R.T.: 5.643 min
Delta R.T.: 0.008 min
Response: 1325142
Conc: 32.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



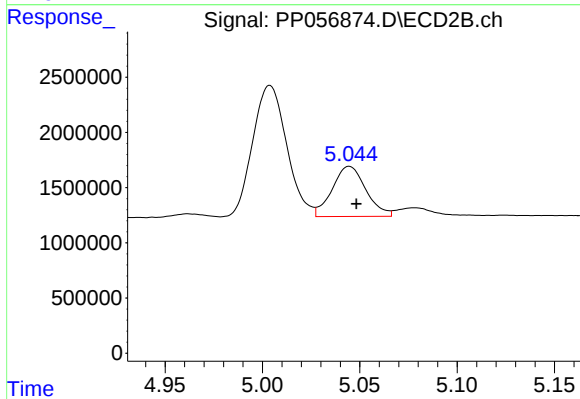
#13 AR-1232-3

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 307196
Conc: 16.69 ng/ml



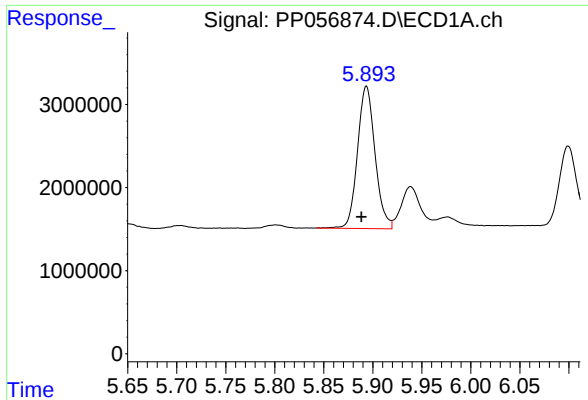
#14 AR-1232-4

R.T.: 5.801 min
Delta R.T.: 0.005 min
Response: 549722
Conc: 27.28 ng/ml



#14 AR-1232-4

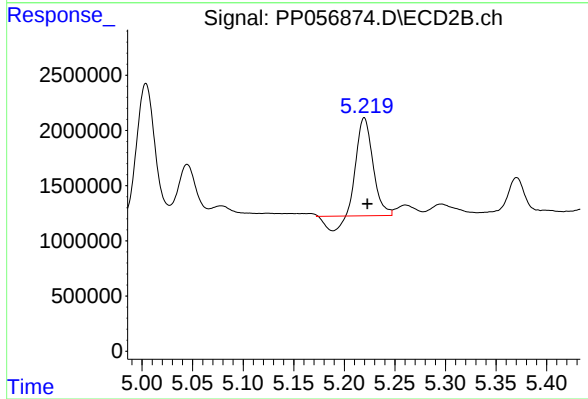
R.T.: 5.045 min
Delta R.T.: -0.004 min
Response: 5475591
Conc: 285.74 ng/ml



#15 AR-1232-5

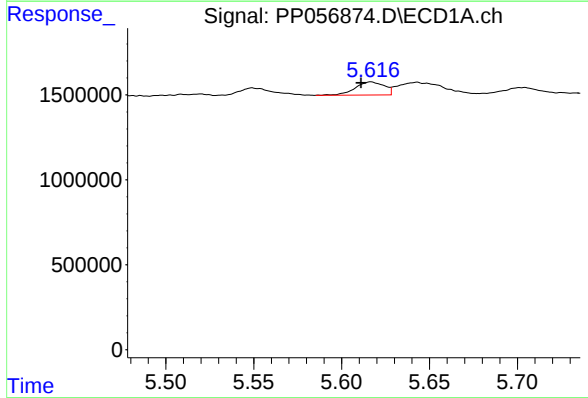
R.T.: 5.894 min
Delta R.T.: 0.005 min
Response: 21313283
Conc: 1212.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



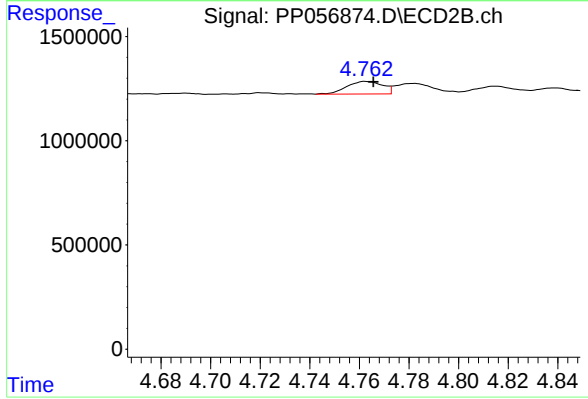
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 9086354
Conc: 427.46 ng/ml



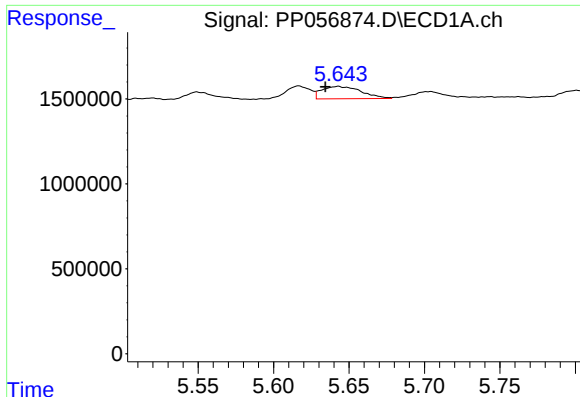
#16 AR-1242-1

R.T.: 5.617 min
Delta R.T.: 0.006 min
Response: 889510
Conc: 17.69 ng/ml



#16 AR-1242-1

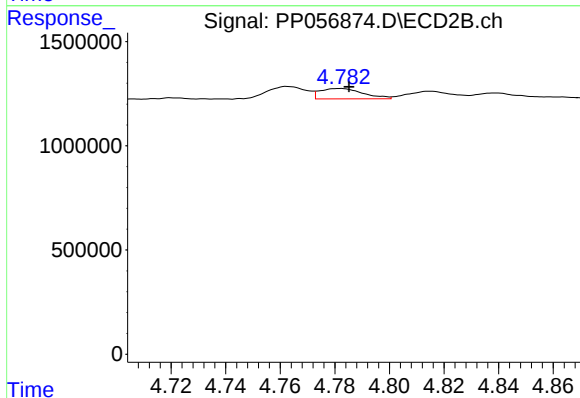
R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 613399
Conc: 14.26 ng/ml



#17 AR-1242-2

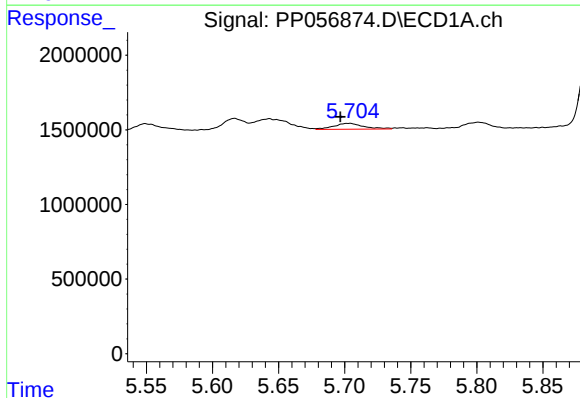
R.T.: 5.643 min
Delta R.T.: 0.009 min
Response: 1325142
Conc: 18.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



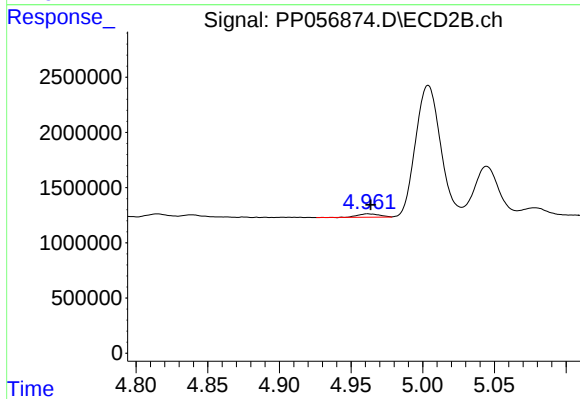
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 547189
Conc: 9.20 ng/ml



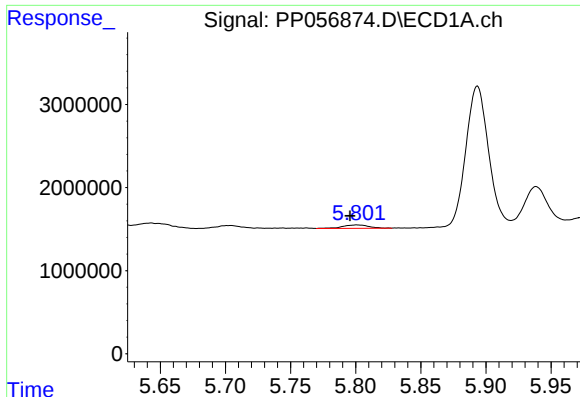
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 614000
Conc: 13.40 ng/ml



#18 AR-1242-3

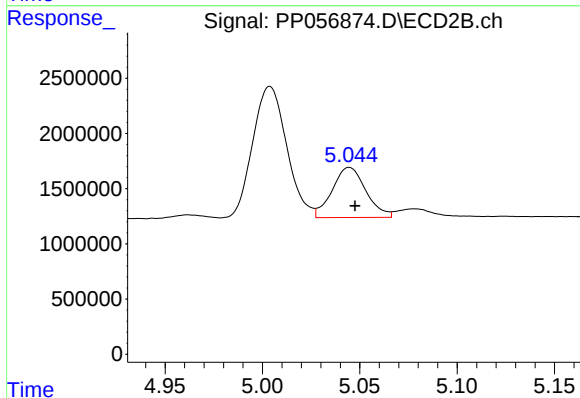
R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 307196
Conc: 9.52 ng/ml



#19 AR-1242-4

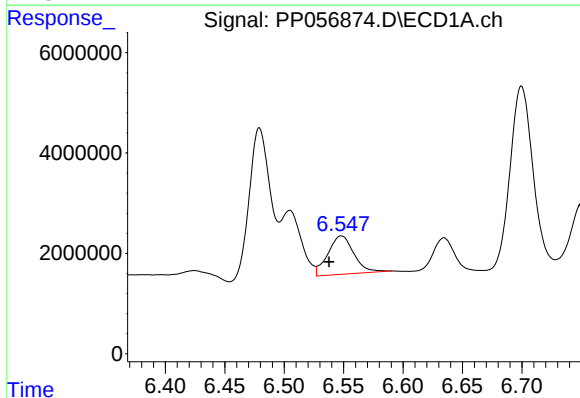
R.T.: 5.801 min
Delta R.T.: 0.005 min
Response: 549722
Conc: 15.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



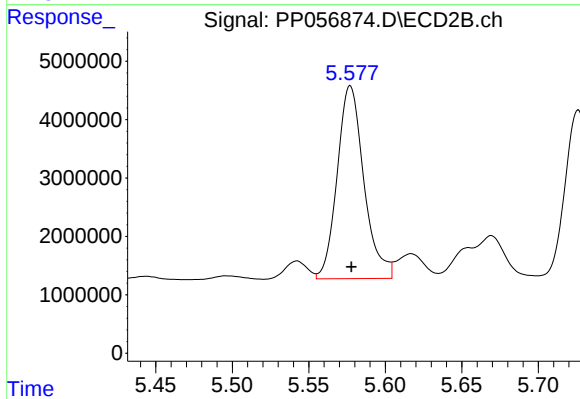
#19 AR-1242-4

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 5475591
Conc: 150.28 ng/ml



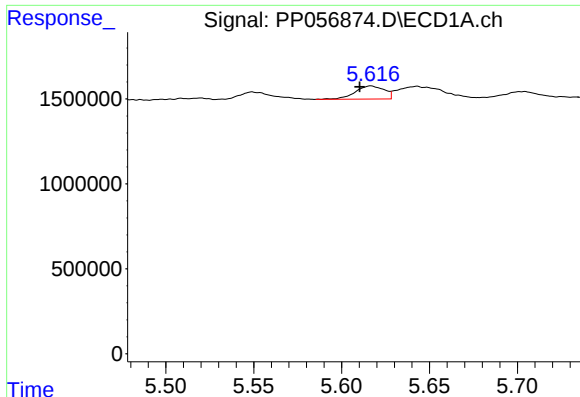
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: 0.010 min
Response: 11658873
Conc: 351.24 ng/ml



#20 AR-1242-5

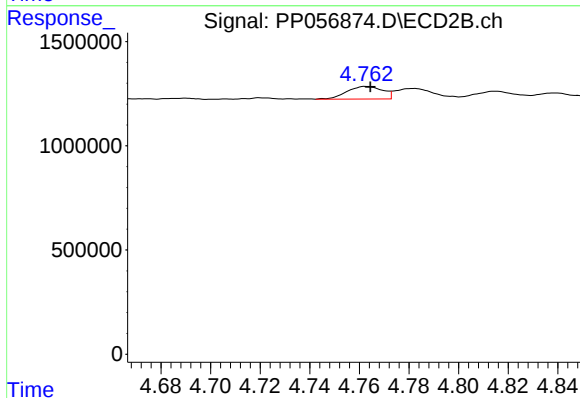
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 40188569
Conc: 1007.94 ng/ml



#21 AR-1248-1

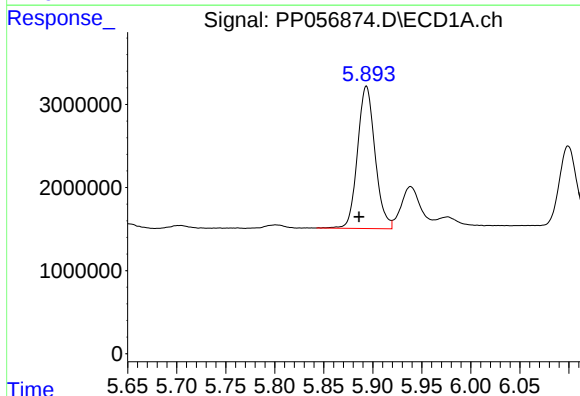
R.T.: 5.617 min
Delta R.T.: 0.006 min
Response: 889510
Conc: 23.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



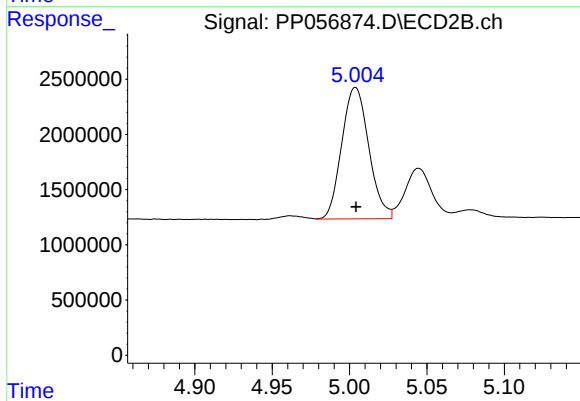
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 613399
Conc: 18.63 ng/ml



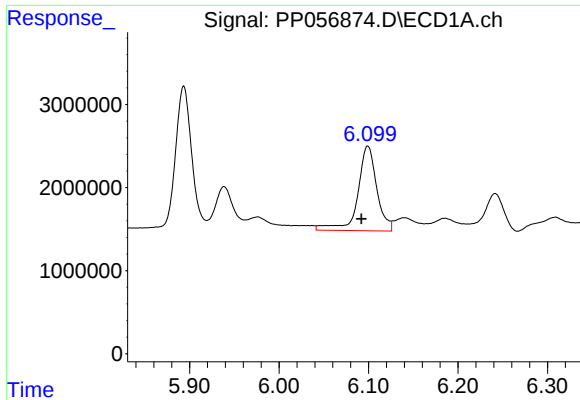
#22 AR-1248-2

R.T.: 5.894 min
Delta R.T.: 0.007 min
Response: 21313283
Conc: 361.89 ng/ml



#22 AR-1248-2

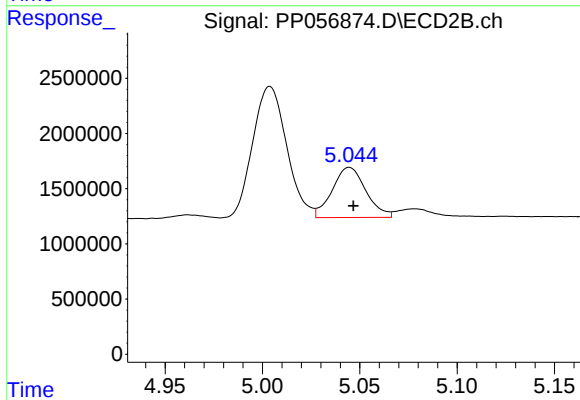
R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 14505140
Conc: 281.42 ng/ml



#23 AR-1248-3

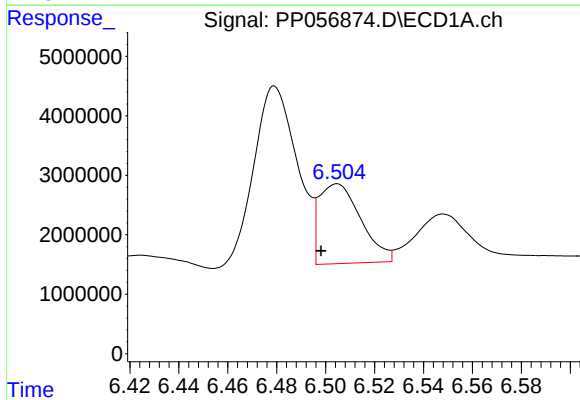
R.T.: 6.099 min
Delta R.T.: 0.007 min
Response: 15090333
Conc: 236.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



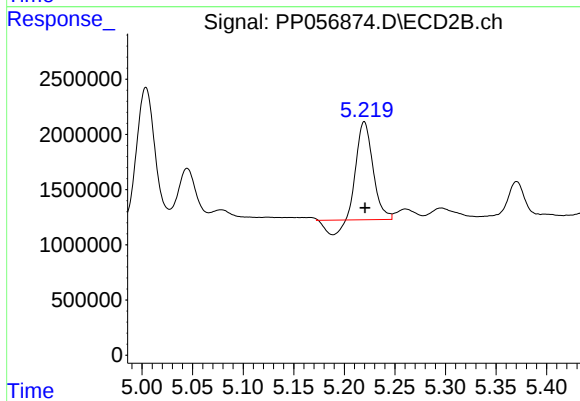
#23 AR-1248-3

R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 5475591
Conc: 102.00 ng/ml



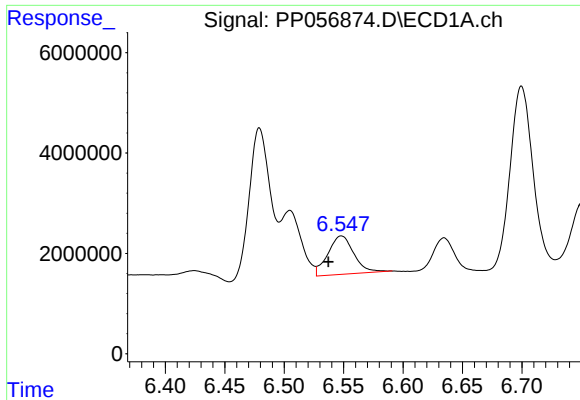
#24 AR-1248-4

R.T.: 6.505 min
Delta R.T.: 0.007 min
Response: 15899424
Conc: 273.78 ng/ml



#24 AR-1248-4

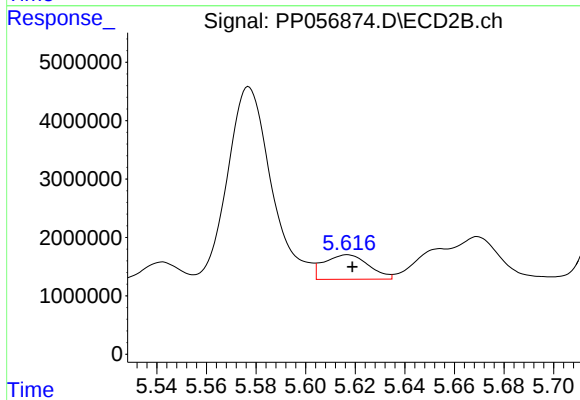
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 9086354
Conc: 146.85 ng/ml



#25 AR-1248-5

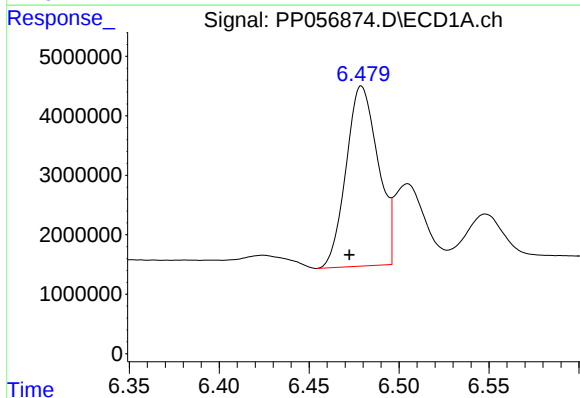
R.T.: 6.548 min
Delta R.T.: 0.011 min
Response: 11658873
Conc: 206.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



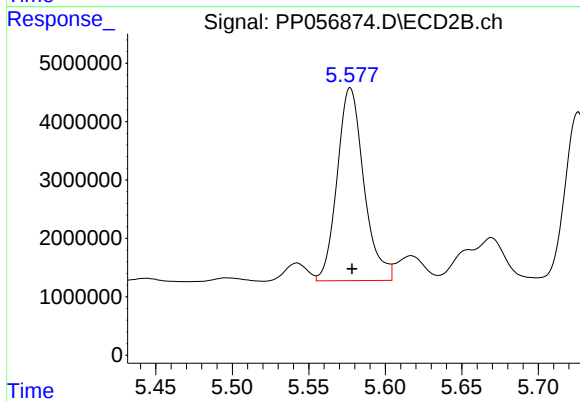
#25 AR-1248-5

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 5244009
Conc: 102.14 ng/ml



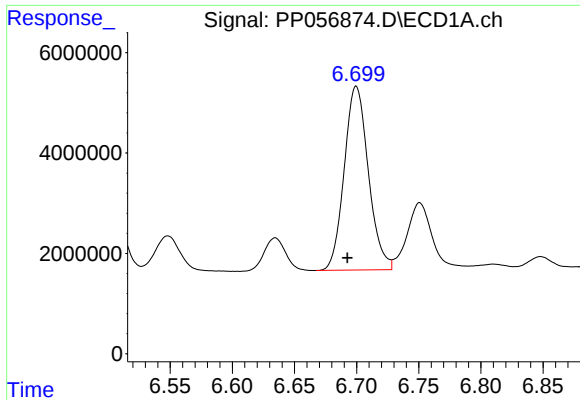
#26 AR-1254-1

R.T.: 6.479 min
Delta R.T.: 0.007 min
Response: 37427708
Conc: 527.85 ng/ml



#26 AR-1254-1

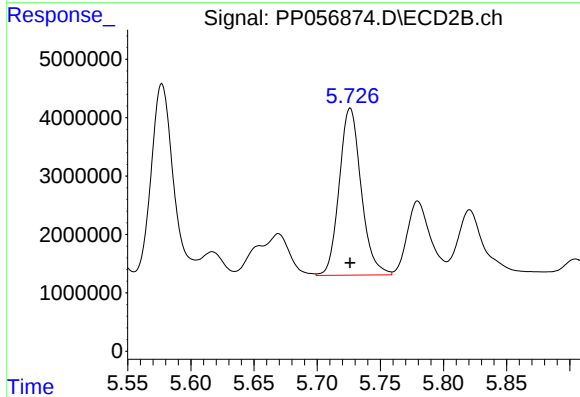
R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 40188569
Conc: 436.27 ng/ml



#27 AR-1254-2

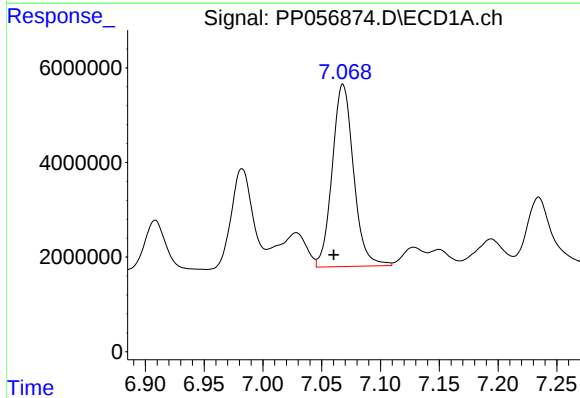
R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 49544821
Conc: 488.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



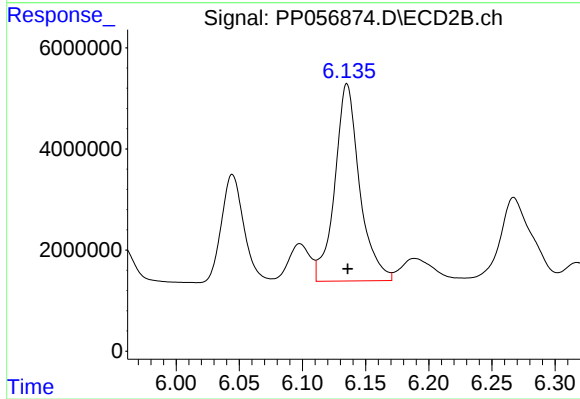
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 34550139
Conc: 429.89 ng/ml



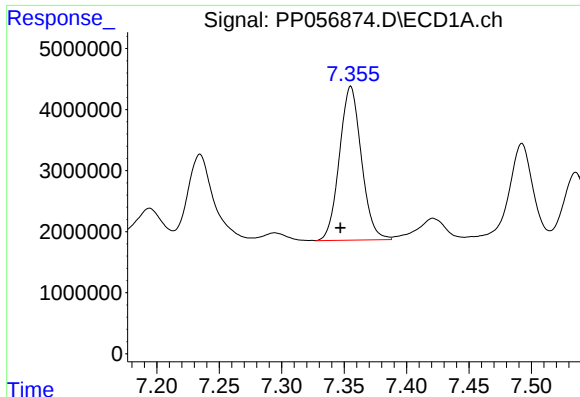
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.008 min
Response: 48691093
Conc: 502.32 ng/ml



#28 AR-1254-3

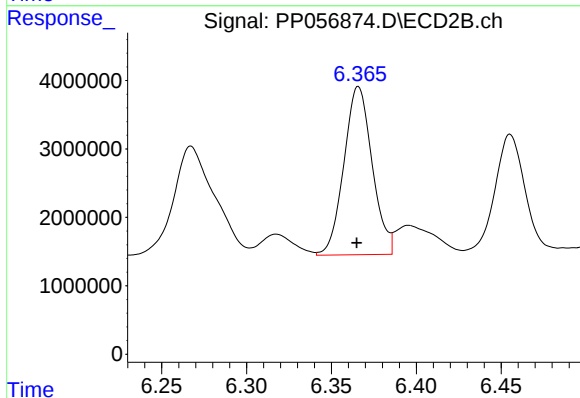
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 53223166
Conc: 430.55 ng/ml



#29 AR-1254-4

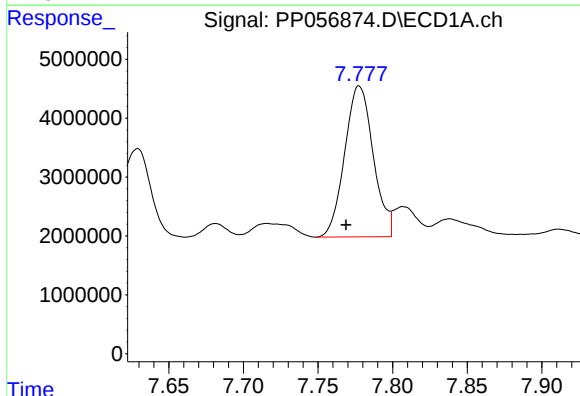
R.T.: 7.355 min
Delta R.T.: 0.008 min
Response: 30865170
Conc: 505.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



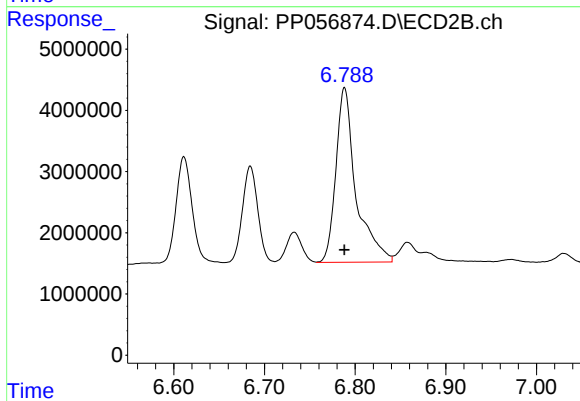
#29 AR-1254-4

R.T.: 6.366 min
Delta R.T.: 0.001 min
Response: 28489424
Conc: 448.25 ng/ml



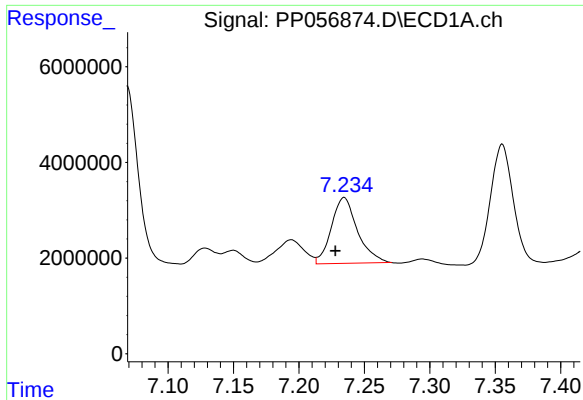
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: 0.009 min
Response: 34209038
Conc: 502.02 ng/ml



#30 AR-1254-5

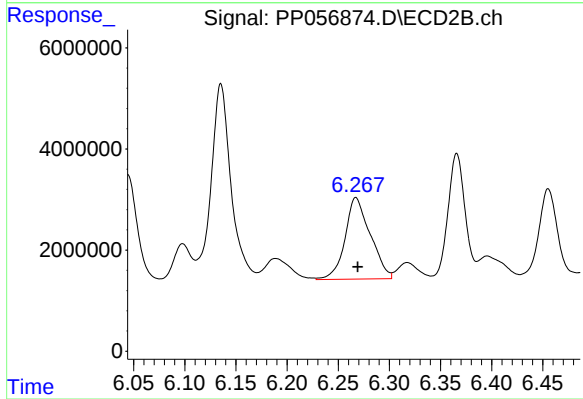
R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 43955154
Conc: 418.08 ng/ml



#31 AR-1260-1

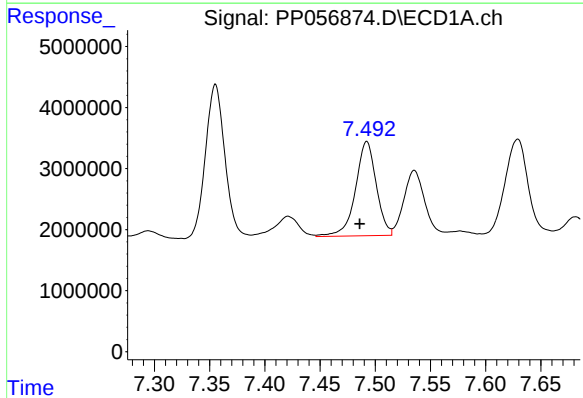
R.T.: 7.235 min
Delta R.T.: 0.007 min
Response: 19239634
Conc: 236.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



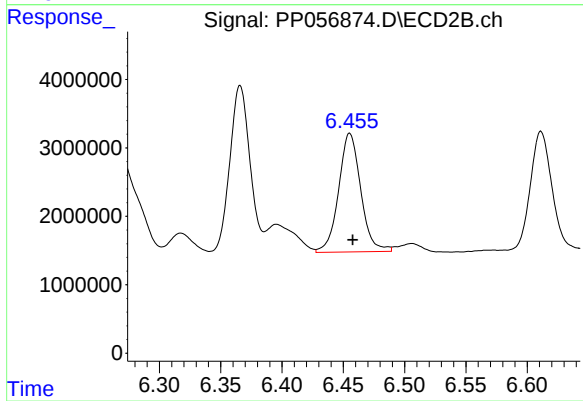
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 27749232
Conc: 290.13 ng/ml



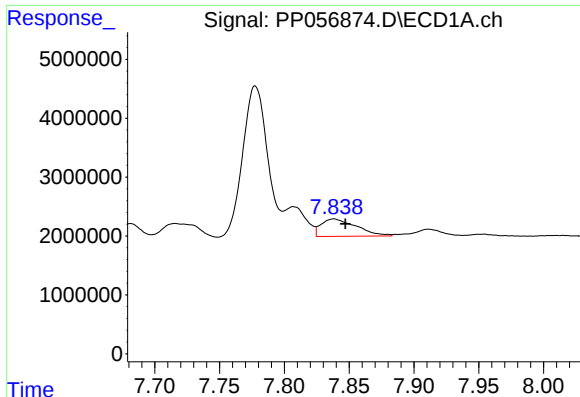
#32 AR-1260-2

R.T.: 7.492 min
Delta R.T.: 0.006 min
Response: 20256977
Conc: 237.43 ng/ml



#32 AR-1260-2

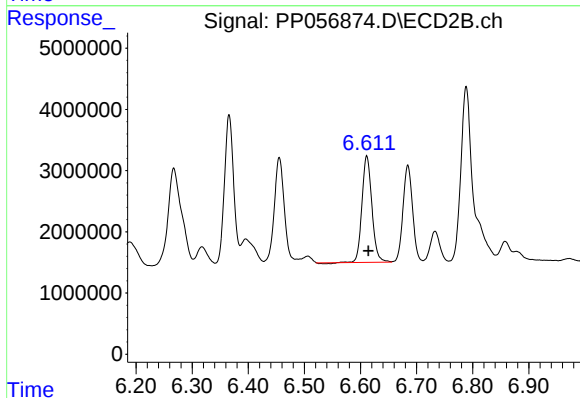
R.T.: 6.455 min
Delta R.T.: -0.002 min
Response: 21781245
Conc: 210.90 ng/ml



#33 AR-1260-3

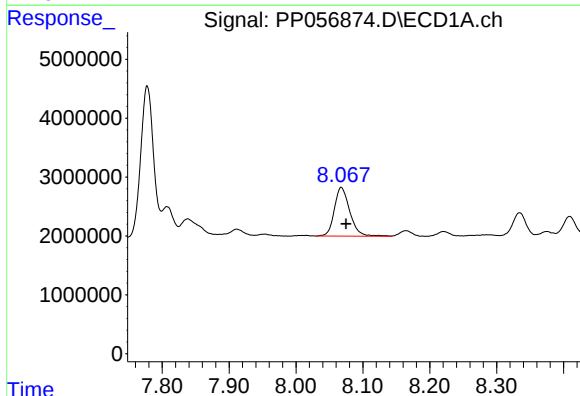
R.T.: 7.838 min
Delta R.T.: -0.009 min
Response: 5608949
Conc: 80.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



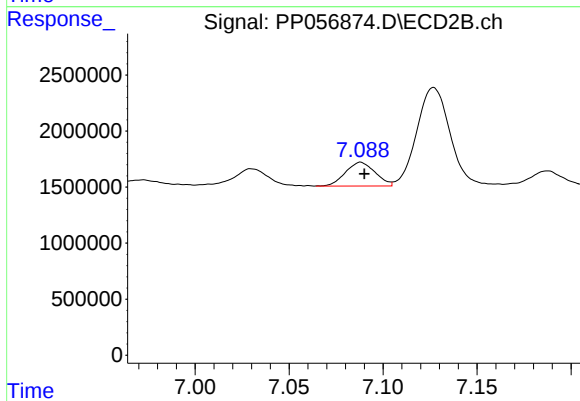
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 21306986
Conc: 205.46 ng/ml



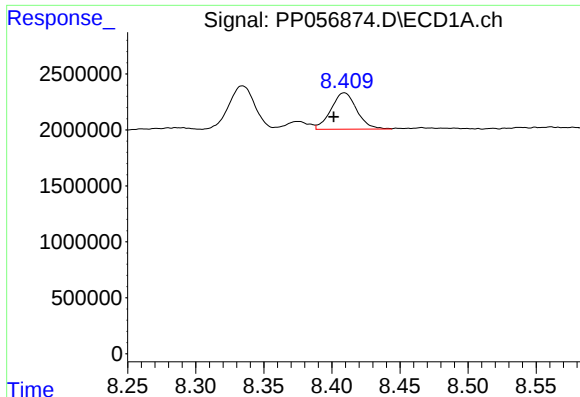
#34 AR-1260-4

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 13274095
Conc: 173.97 ng/ml



#34 AR-1260-4

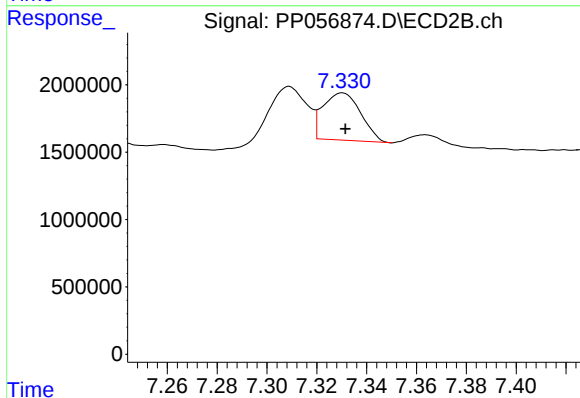
R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 2326855
Conc: 27.24 ng/ml



#35 AR-1260-5

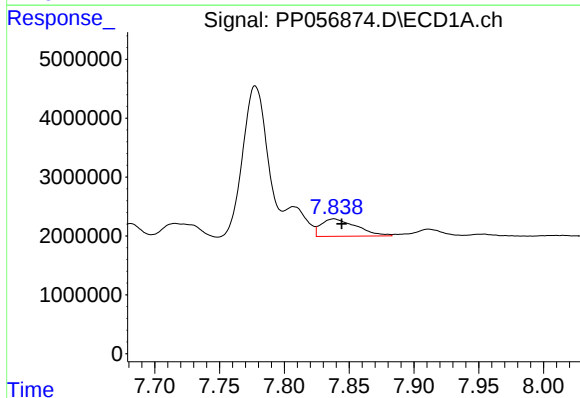
R.T.: 8.409 min
Delta R.T.: 0.008 min
Response: 4271035
Conc: 33.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



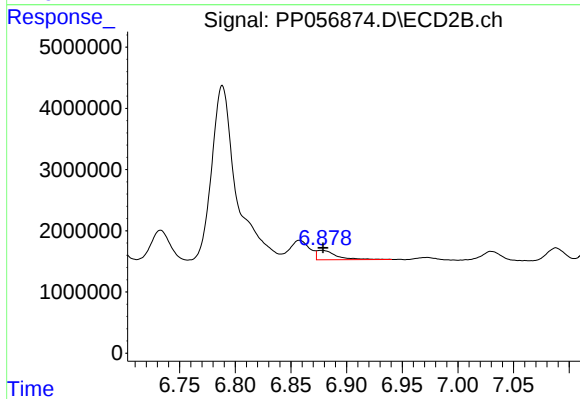
#35 AR-1260-5

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 3682362
Conc: 23.27 ng/ml



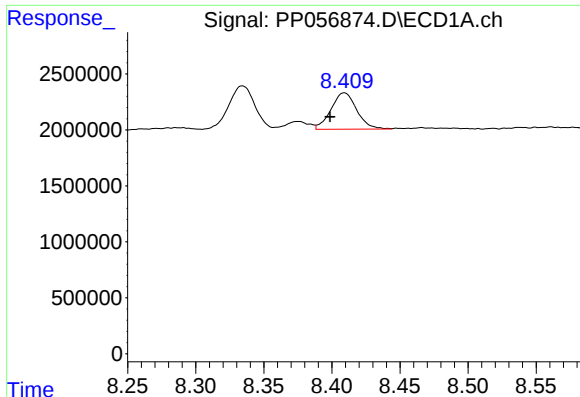
#36 AR-1262-1

R.T.: 7.838 min
Delta R.T.: -0.006 min
Response: 5608949
Conc: 63.68 ng/ml



#36 AR-1262-1

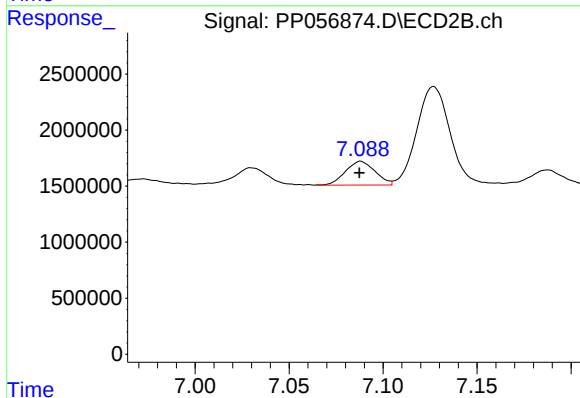
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 1880255
Conc: 40.18 ng/ml



#37 AR-1262-2

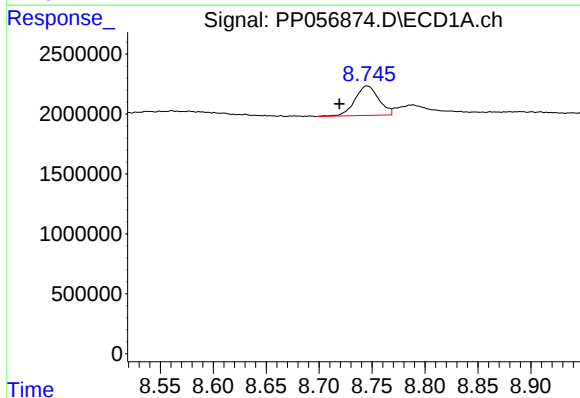
R.T.: 8.409 min
Delta R.T.: 0.010 min
Response: 4271035
Conc: 32.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



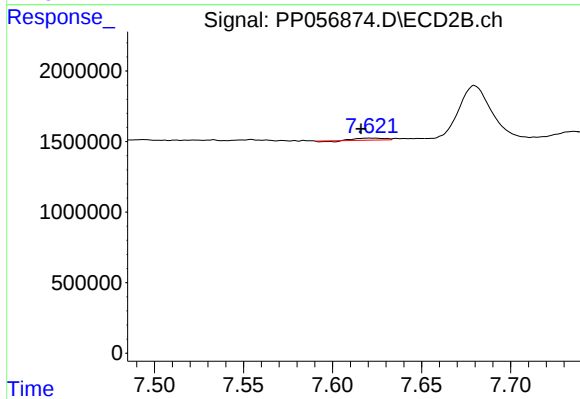
#37 AR-1262-2

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 2326855
Conc: 23.79 ng/ml



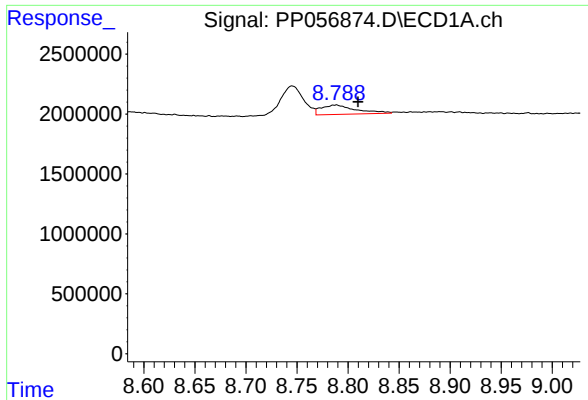
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.026 min
Response: 3854332
Conc: 41.84 ng/ml



#38 AR-1262-3

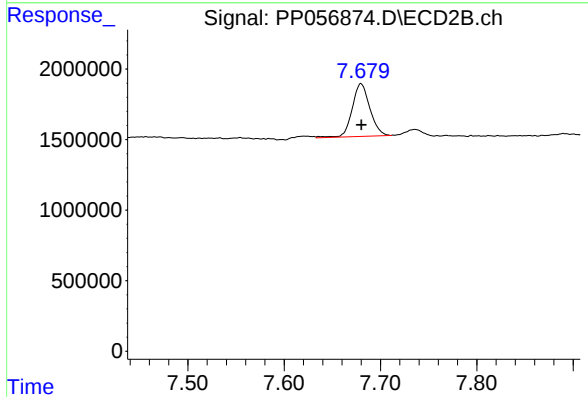
R.T.: 7.621 min
Delta R.T.: 0.005 min
Response: 140358
Conc: 2.11 ng/ml



#39 AR-1262-4

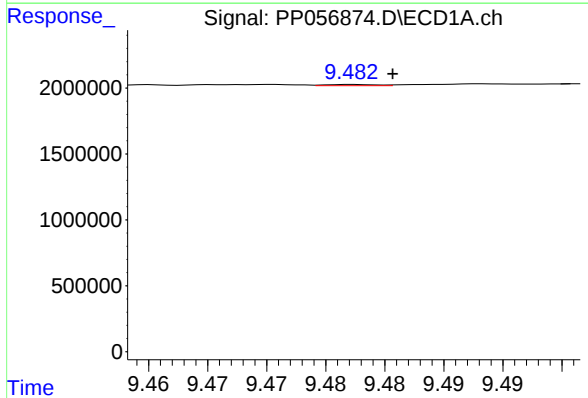
R.T.: 8.788 min
Delta R.T.: -0.022 min
Response: 1838587
Conc: 40.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



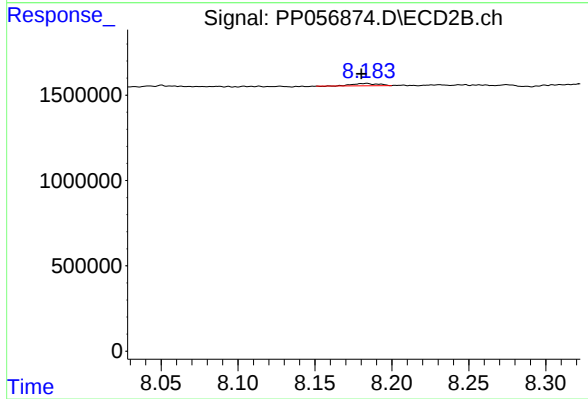
#39 AR-1262-4

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 4769274
Conc: 40.46 ng/ml



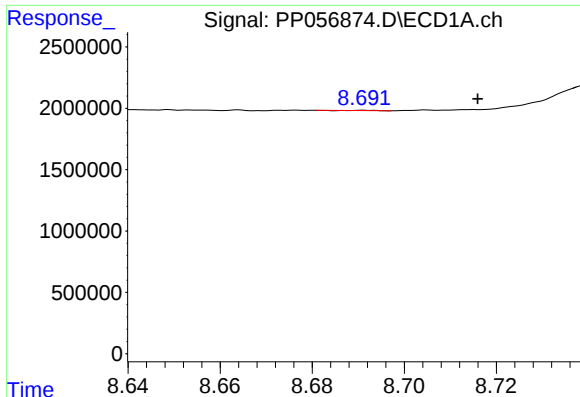
#40 AR-1262-5

R.T.: 9.483 min
Delta R.T.: -0.003 min
Response: 28478
Conc: 0.71 ng/ml



#40 AR-1262-5

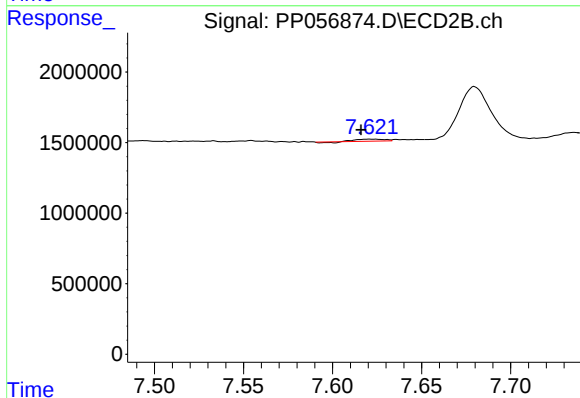
R.T.: 8.183 min
Delta R.T.: 0.003 min
Response: 163576
Conc: 3.36 ng/ml



#41 AR-1268-1

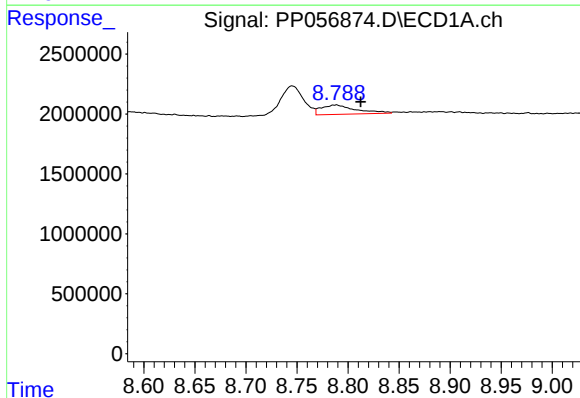
R.T.: 8.692 min
Delta R.T.: -0.024 min
Response: 5436
Conc: 0.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



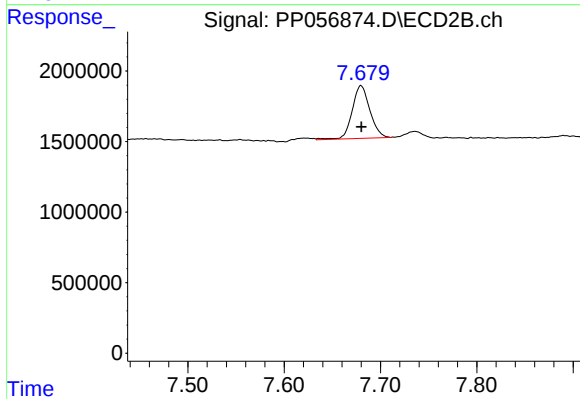
#41 AR-1268-1

R.T.: 7.621 min
Delta R.T.: 0.005 min
Response: 140358
Conc: 0.63 ng/ml



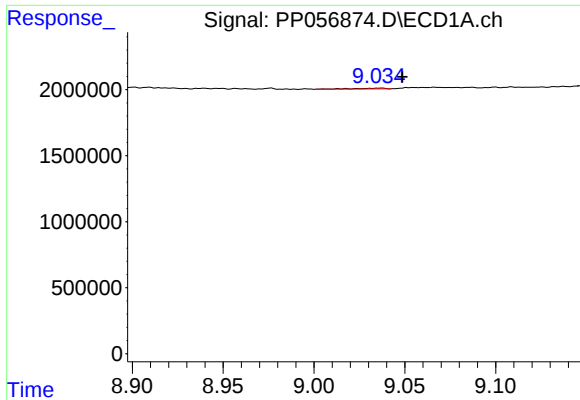
#42 AR-1268-2

R.T.: 8.788 min
Delta R.T.: -0.024 min
Response: 1838587
Conc: 11.08 ng/ml



#42 AR-1268-2

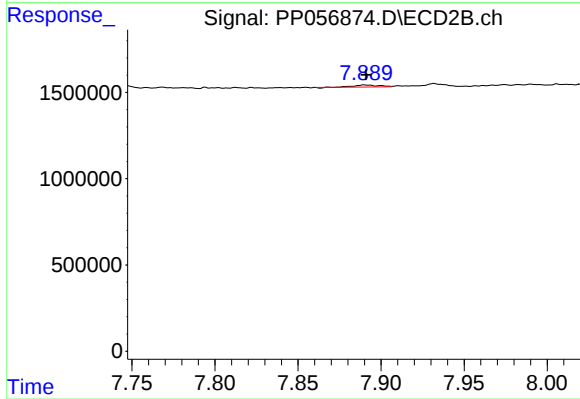
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 4769274
Conc: 24.56 ng/ml



#43 AR-1268-3

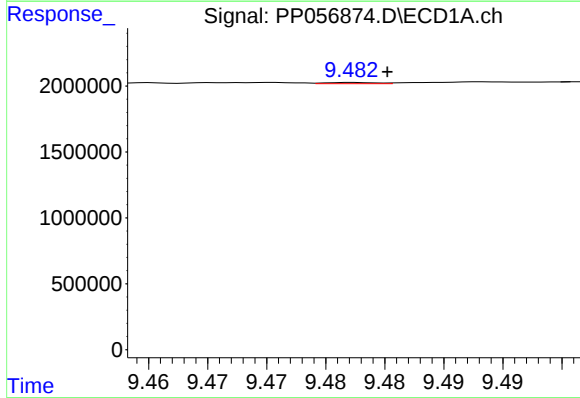
R.T.: 9.037 min
Delta R.T.: -0.012 min
Response: 78504
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



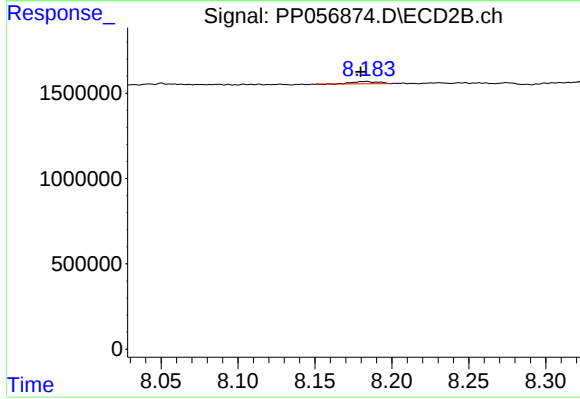
#43 AR-1268-3

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 103783
Conc: 0.52 ng/ml



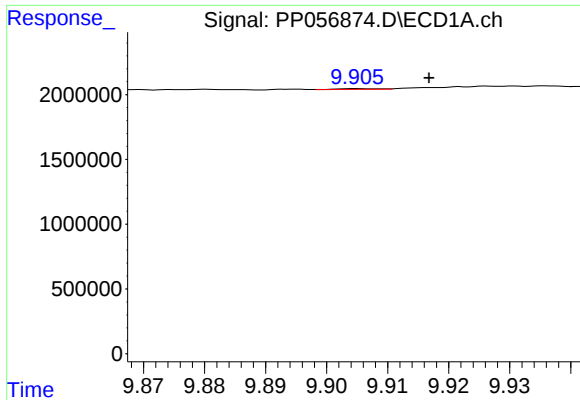
#44 AR-1268-4

R.T.: 9.483 min
Delta R.T.: -0.003 min
Response: 28478
Conc: 0.61 ng/ml



#44 AR-1268-4

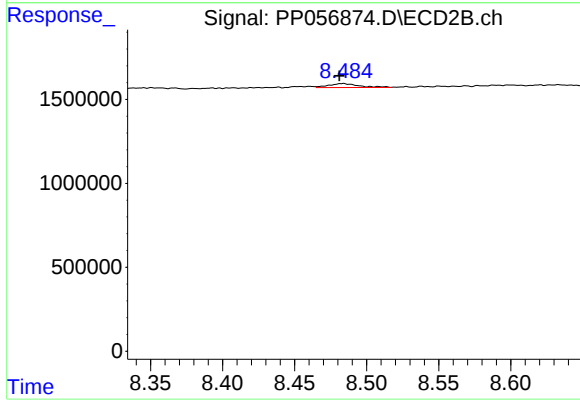
R.T.: 8.183 min
Delta R.T.: 0.004 min
Response: 163576
Conc: 2.83 ng/ml



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: -0.012 min
Response: 25567
Conc: 0.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: 0.002 min
Response: 339011
Conc: 0.67 ng/ml