

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062123\
 Data File : PP058593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 16:04
 Operator : YP\AJ
 Sample : 03328-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:31:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 21 05:48:37 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...	4.459	3.669	63341450	43235495	25.365	26.508
2)	SA Decachlor...	10.276	8.727	40266709	35665385	30.445	29.281
Target Compounds							
3)	L1 AR-1016-1	5.636	4.768	1703705	1713040	23.867	34.036 #
4)	L1 AR-1016-2	5.661	4.788	4597360	2239823	44.585	31.641 #
5)	L1 AR-1016-3	5.723	4.966	1133812	629601	17.676	16.715
6)	L1 AR-1016-4	5.817	5.007	1322409	1917485	25.824	57.653 #
7)	L1 AR-1016-5	6.116	5.222	2979222	1737273	56.409	42.708
8)	L2 AR-1221-1	4.666	3.898	1123073	588376	38.425	28.692 #
9)	L2 AR-1221-2	4.767	3.970	829854	971493	37.952	61.760 #
10)	L2 AR-1221-3	4.832	4.049	170926	303594	2.662	6.376 #
11)	L3 AR-1232-1	4.832	4.049	170926	303594	3.677	8.849 #
12)	L3 AR-1232-2	5.365	4.788	3649566	2239823	136.123	69.183 #
13)	L3 AR-1232-3	5.661	4.966	4597360	629601	100.314	36.220 #
14)	L3 AR-1232-4	5.817	5.049	1322409	1327263	56.961	78.942 #
15)	L3 AR-1232-5	5.911	5.222	4228165	1737273	216.295	93.953 #
16)	L4 AR-1242-1	5.636	4.768	1703705	1713040	30.454	43.174 #
17)	L4 AR-1242-2	5.661	4.788	4597360	2239823	57.260	40.304 #
18)	L4 AR-1242-3	5.723	4.966	1133812	629601	22.399	21.412
19)	L4 AR-1242-4	5.817	5.049	1322409	1327263	33.094	41.044
20)	L4 AR-1242-5	6.561	5.578	4241839	9941995	116.713	262.136 #
21)	L5 AR-1248-1	5.636	4.768	1703705	1713040	40.120	56.078 #
22)	L5 AR-1248-2	5.911	5.007	4228165	1917485	65.585	41.907 #
23)	L5 AR-1248-3	6.116	5.049	2979222	1327263	42.288	27.979 #
24)	L5 AR-1248-4	6.495f	5.222	13705375	1737273	200.727	31.736 #
25)	L5 AR-1248-5	6.561	5.618	4241839	2564574	66.175	52.254
26)	L6 AR-1254-1	6.495	5.578	13705375	9941995	178.760	128.864 #
27)	L6 AR-1254-2	6.715	5.726	11757517	5790294	106.158	84.575
28)	L6 AR-1254-3	7.083	6.132	22105143	15275882	206.090	145.551 #
29)	L6 AR-1254-4	7.368	6.361	5974847	3637281	82.192	60.874 #
30)	L6 AR-1254-5	7.789	6.781	18594448	31330424	230.056	338.805 #
31)	L7 AR-1260-1	7.247	6.263	12676702	13162320	145.159	170.314
32)	L7 AR-1260-2	7.495	6.452	34391925	11824319	356.080	133.709 #
33)	L7 AR-1260-3	7.864	6.606	8298585	11149131	135.793	132.227
34)	L7 AR-1260-4	8.088	7.081	13393257	7231274	180.675	119.946 #
35)	L7 AR-1260-5	8.415	7.323	16499794	17201219	126.661	134.459
36)	L8 AR-1262-1	7.864	6.874	8298585	4911014	80.670	115.605 #
37)	L8 AR-1262-2	8.415	7.081	16499794	7231274	98.092	80.044
38)	L8 AR-1262-3	8.746	7.609	10861536	4720958	95.190	69.237 #
39)	L8 AR-1262-4	8.825	7.672	6505005	13561847	75.538	110.992 #
40)	L8 AR-1262-5	9.497	8.170	4304085	4410201	78.468	83.412
41)	L9 AR-1268-1	8.746	7.609	10861536	4720958	55.341	25.574 #

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 Acq On : 21 Jun 2023 16:04
 Operator : YP\AJ
 Sample : 03328-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

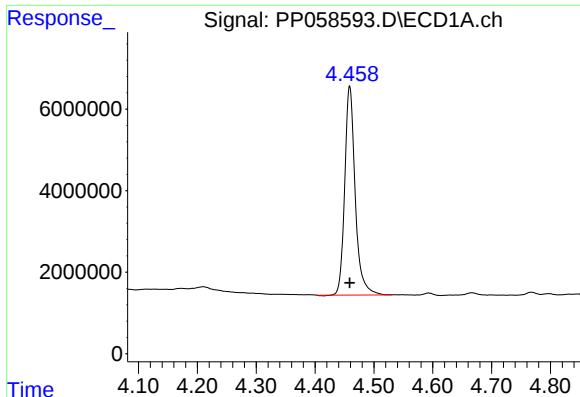
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:31:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.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	8.825	7.672	6505005	13561847	37.575	82.208 #
43) L9	AR-1268-3	9.062	7.881	629398	654156	4.054	4.519
44) L9	AR-1268-4	9.497	8.170	4304085	4410201	75.244	81.050
45) L9	AR-1268-5	9.925	8.466	3112287	3014300	6.679	7.238

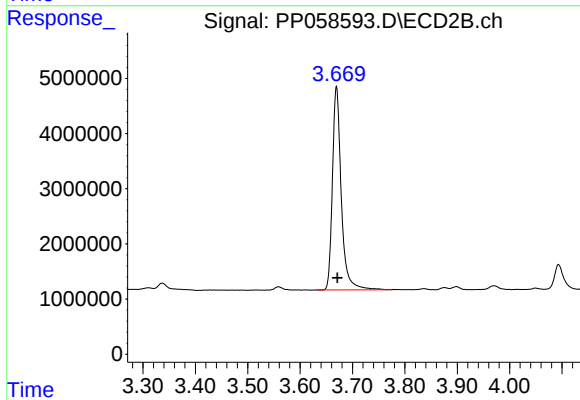
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

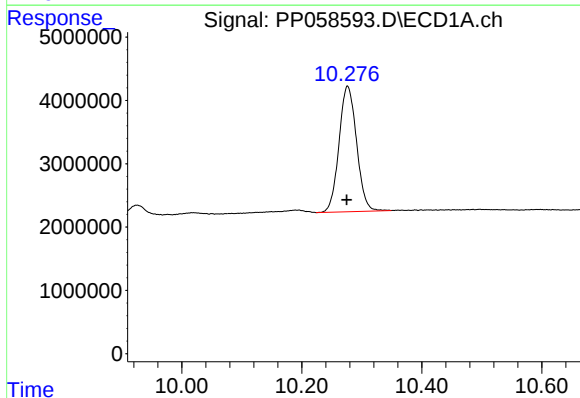
R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 63341450
Conc: 25.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



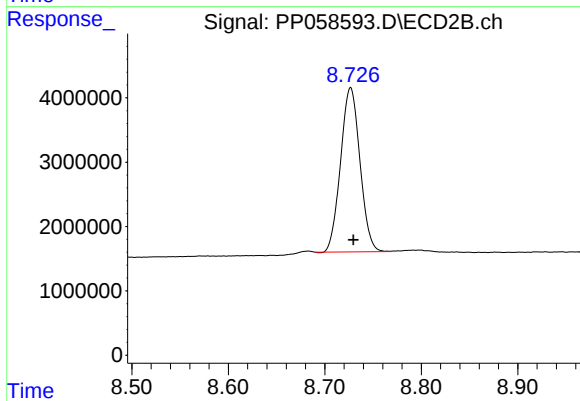
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.001 min
Response: 43235495
Conc: 26.51 ng/ml



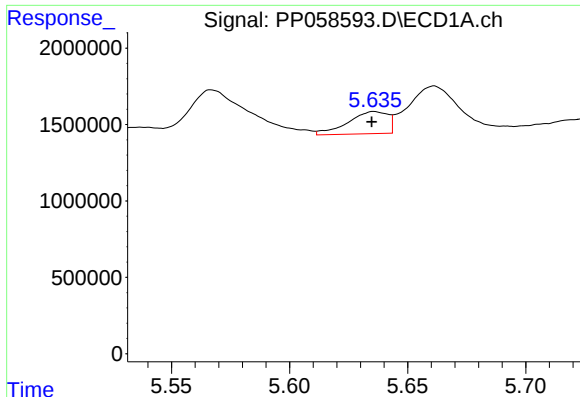
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.001 min
Response: 40266709
Conc: 30.44 ng/ml



#2 Decachlorobiphenyl

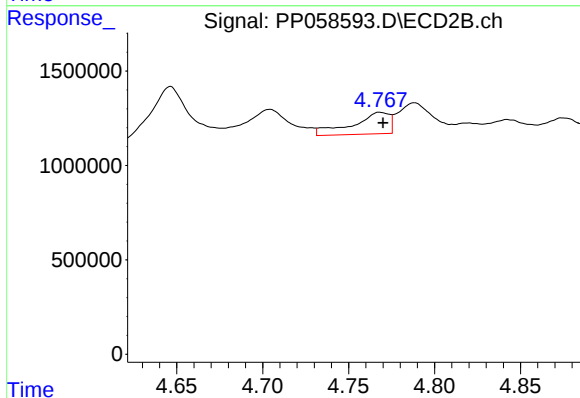
R.T.: 8.727 min
Delta R.T.: -0.003 min
Response: 35665385
Conc: 29.28 ng/ml



#3 AR-1016-1

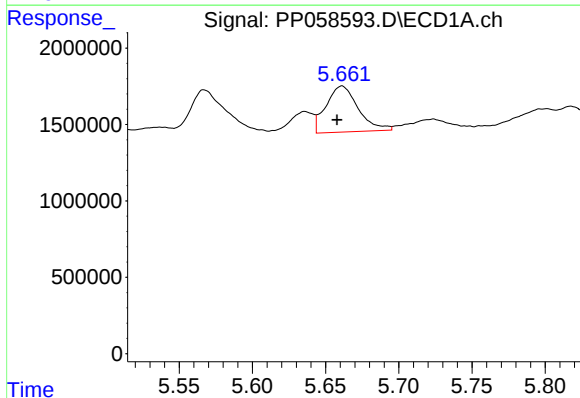
R.T.: 5.636 min
Delta R.T.: 0.001 min
Response: 1703705
Conc: 23.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



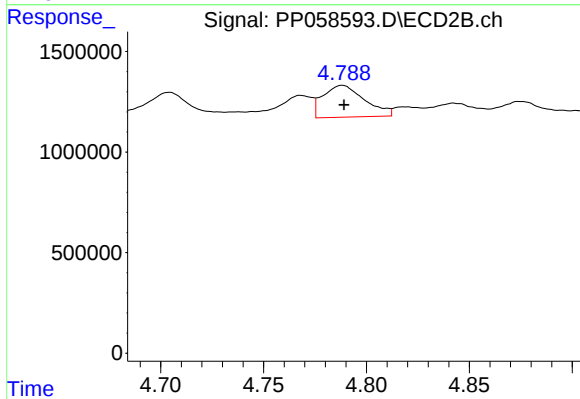
#3 AR-1016-1

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1713040
Conc: 34.04 ng/ml



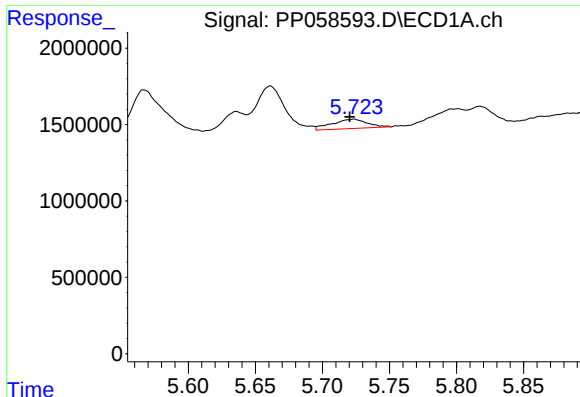
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 4597360
Conc: 44.59 ng/ml



#4 AR-1016-2

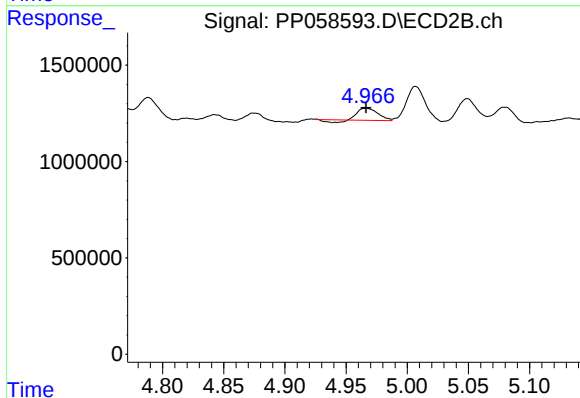
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 2239823
Conc: 31.64 ng/ml



#5 AR-1016-3

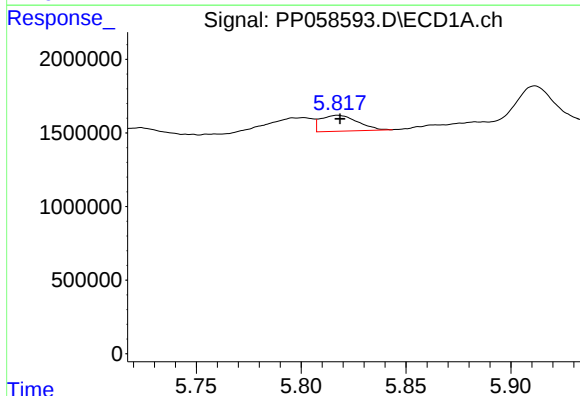
R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 1133812
Conc: 17.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



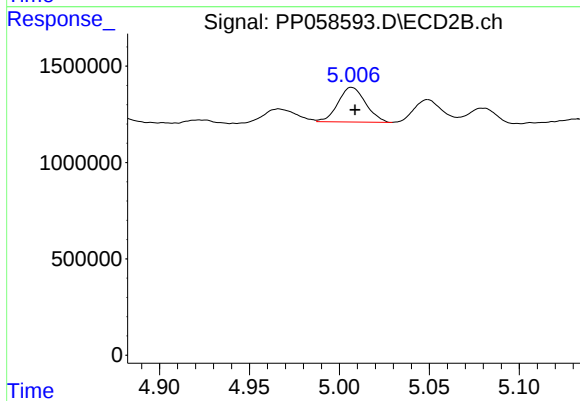
#5 AR-1016-3

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 629601
Conc: 16.72 ng/ml



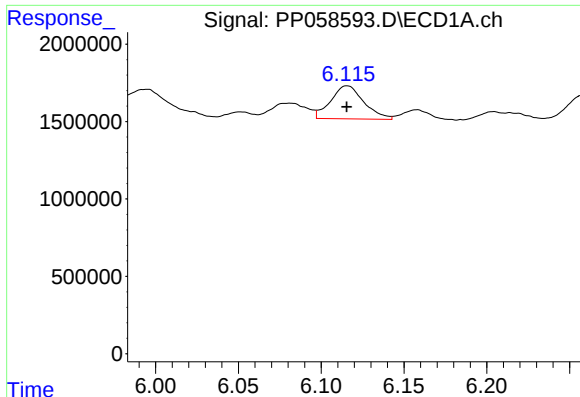
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.001 min
Response: 1322409
Conc: 25.82 ng/ml



#6 AR-1016-4

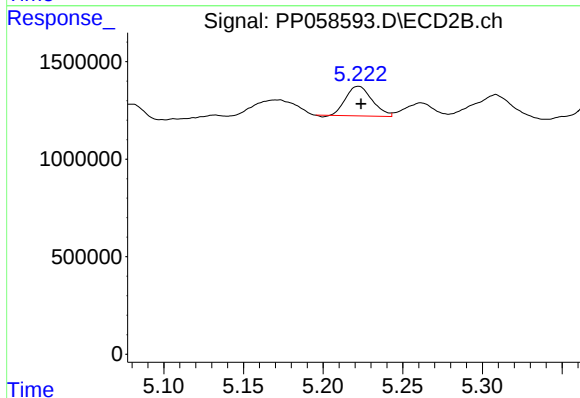
R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 1917485
Conc: 57.65 ng/ml



#7 AR-1016-5

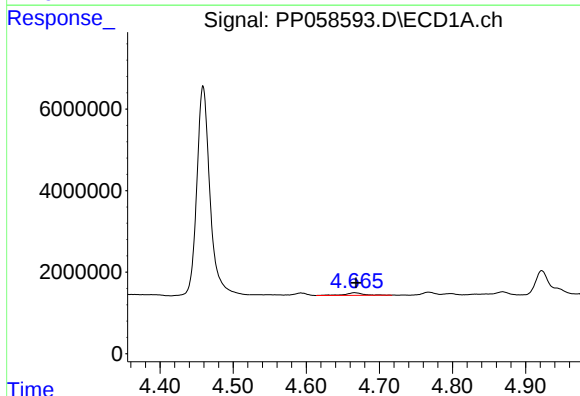
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 2979222
Conc: 56.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



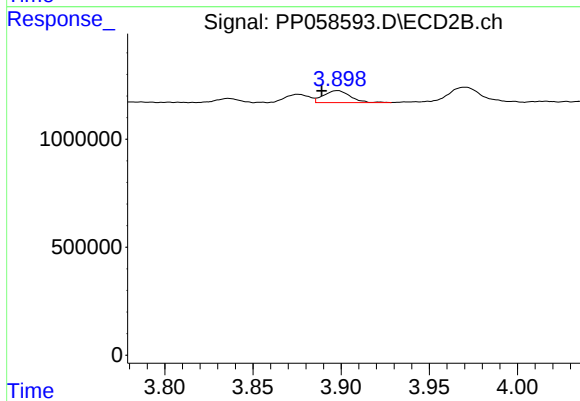
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 1737273
Conc: 42.71 ng/ml



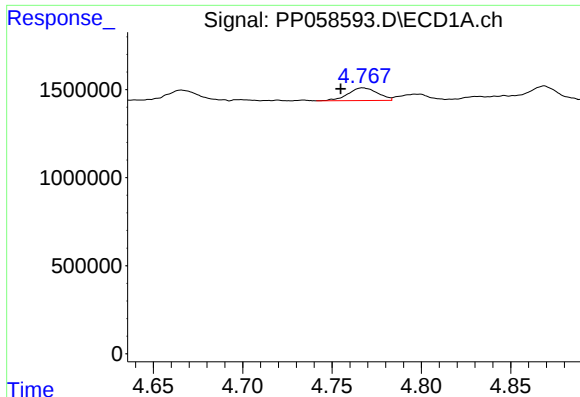
#8 AR-1221-1

R.T.: 4.666 min
Delta R.T.: -0.002 min
Response: 1123073
Conc: 38.42 ng/ml



#8 AR-1221-1

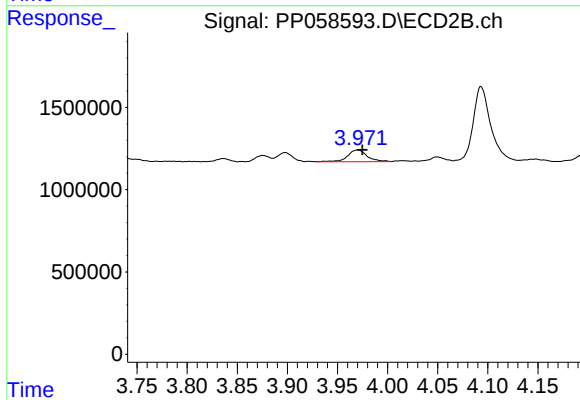
R.T.: 3.898 min
Delta R.T.: 0.009 min
Response: 588376
Conc: 28.69 ng/ml



#9 AR-1221-2

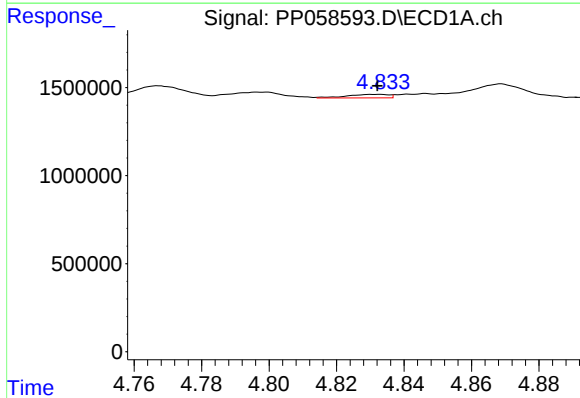
R.T.: 4.767 min
Delta R.T.: 0.012 min
Response: 829854
Conc: 37.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



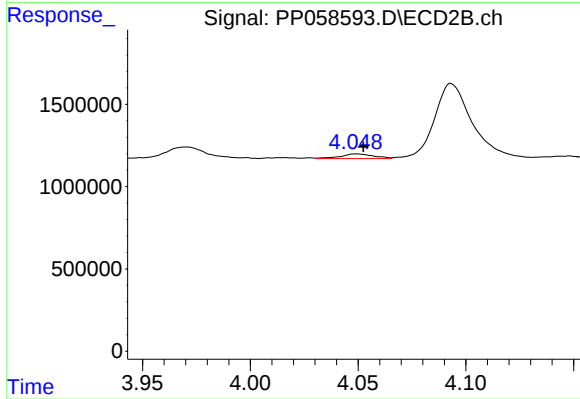
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: -0.005 min
Response: 971493
Conc: 61.76 ng/ml



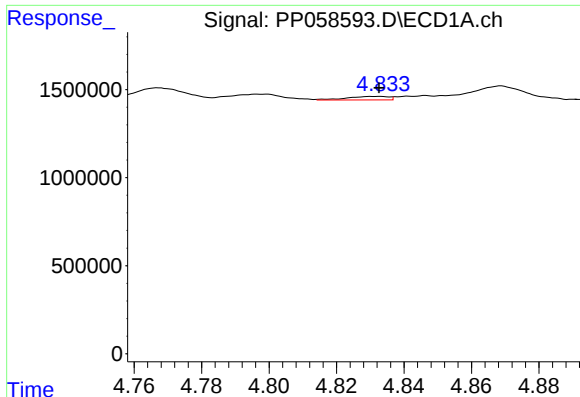
#10 AR-1221-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 170926
Conc: 2.66 ng/ml



#10 AR-1221-3

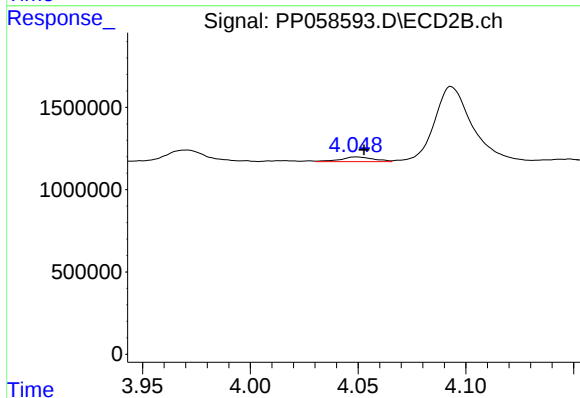
R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 303594
Conc: 6.38 ng/ml



#11 AR-1232-1

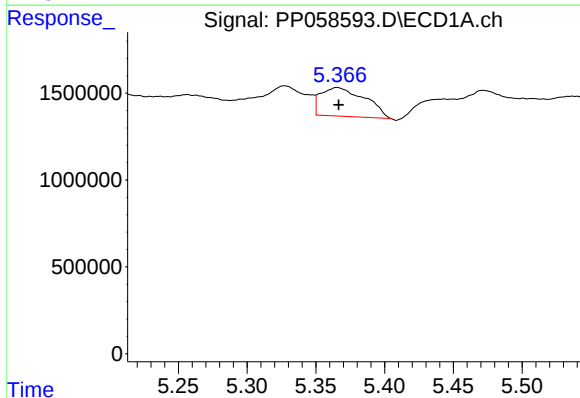
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 170926
Conc: 3.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



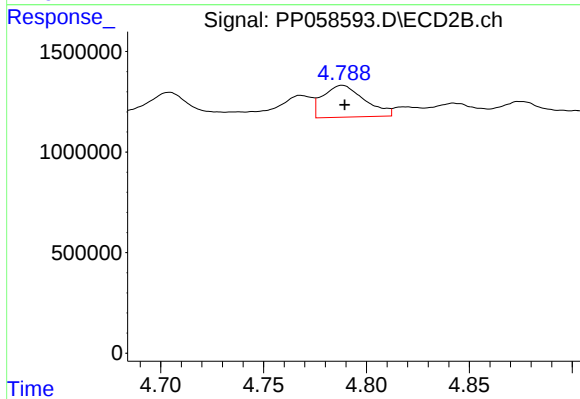
#11 AR-1232-1

R.T.: 4.049 min
Delta R.T.: -0.004 min
Response: 303594
Conc: 8.85 ng/ml



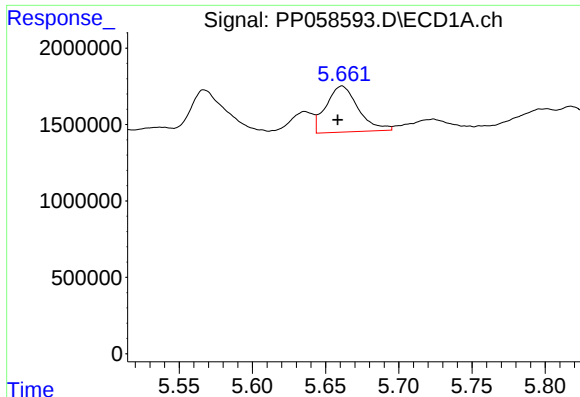
#12 AR-1232-2

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 3649566
Conc: 136.12 ng/ml



#12 AR-1232-2

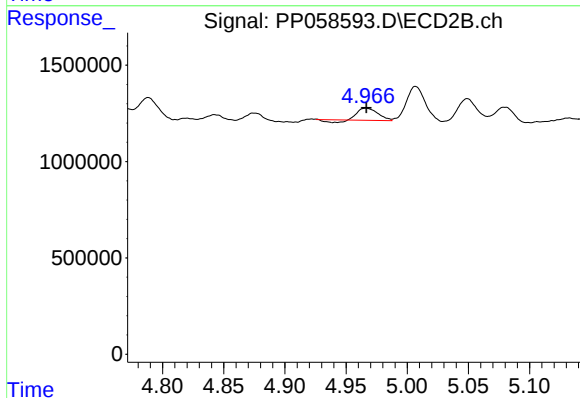
R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 2239823
Conc: 69.18 ng/ml



#13 AR-1232-3

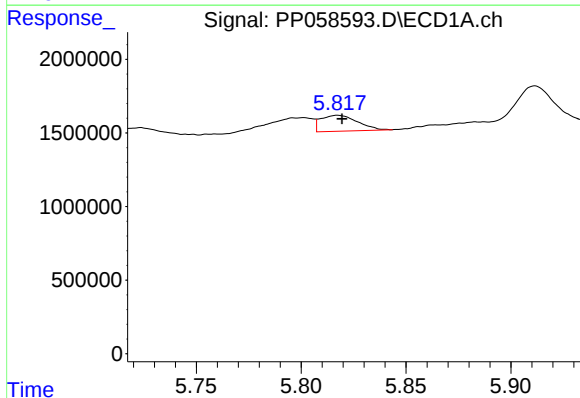
R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 4597360
Conc: 100.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



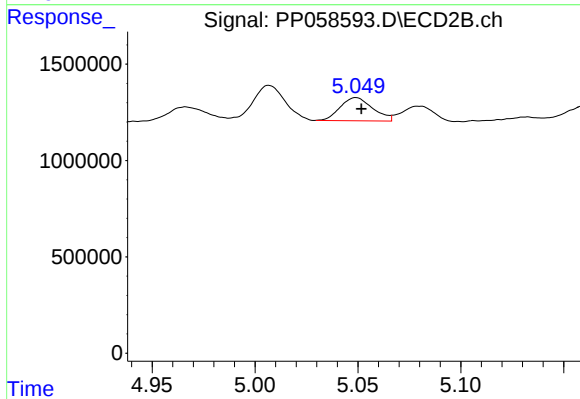
#13 AR-1232-3

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 629601
Conc: 36.22 ng/ml



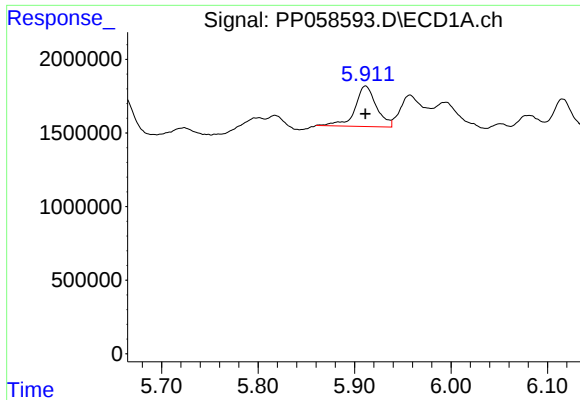
#14 AR-1232-4

R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 1322409
Conc: 56.96 ng/ml



#14 AR-1232-4

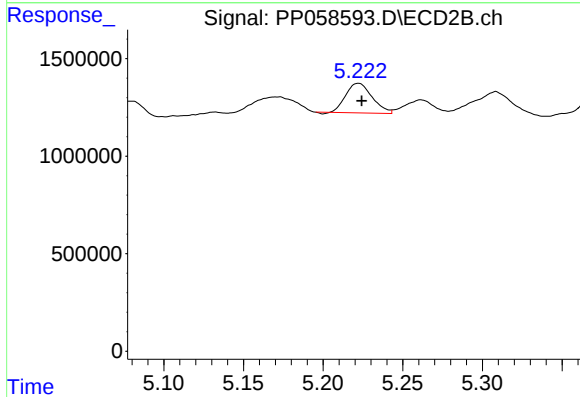
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 1327263
Conc: 78.94 ng/ml



#15 AR-1232-5

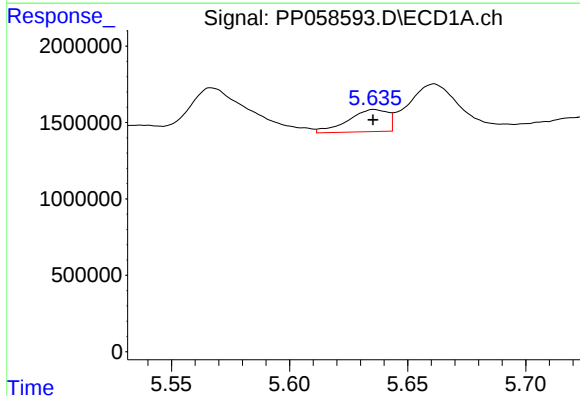
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 4228165
Conc: 216.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



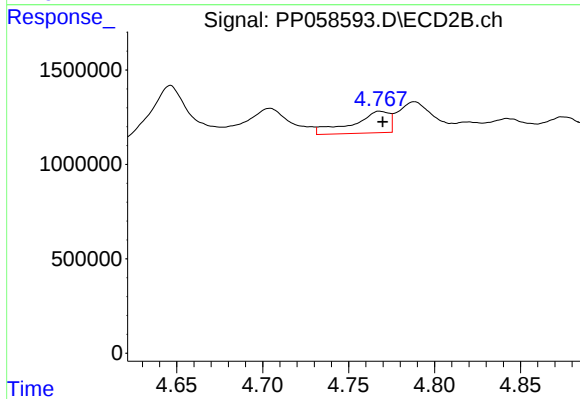
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 1737273
Conc: 93.95 ng/ml



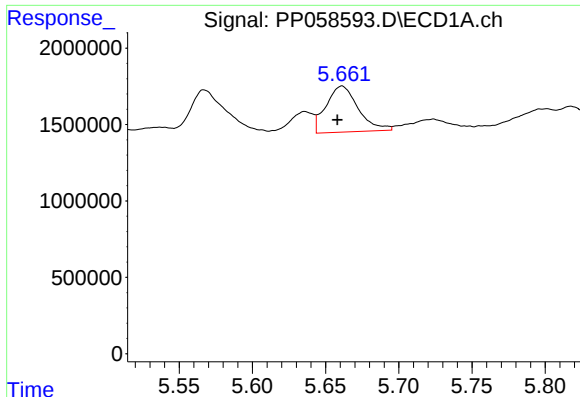
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 1703705
Conc: 30.45 ng/ml



#16 AR-1242-1

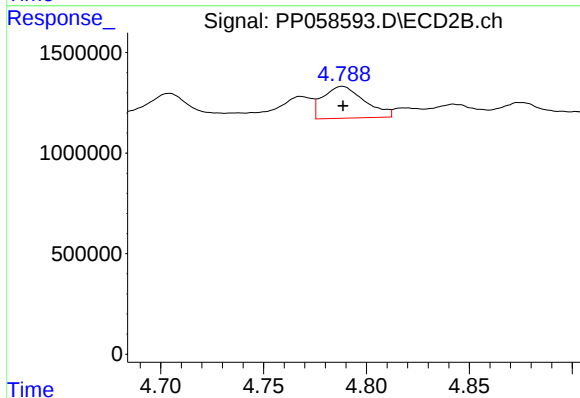
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1713040
Conc: 43.17 ng/ml



#17 AR-1242-2

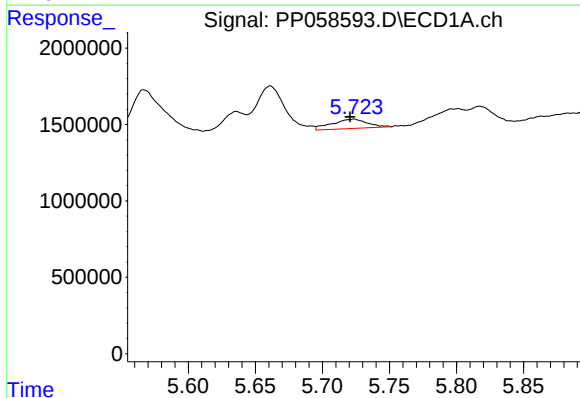
R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 4597360
Conc: 57.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



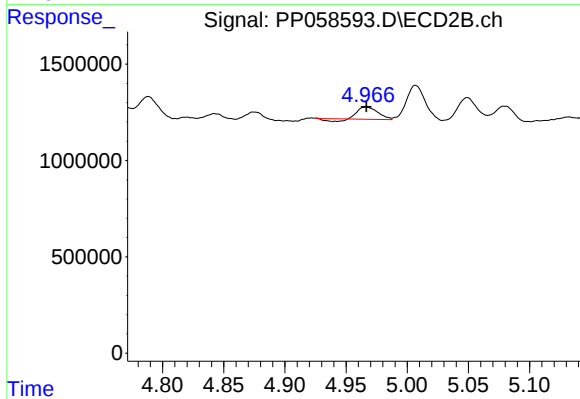
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 2239823
Conc: 40.30 ng/ml



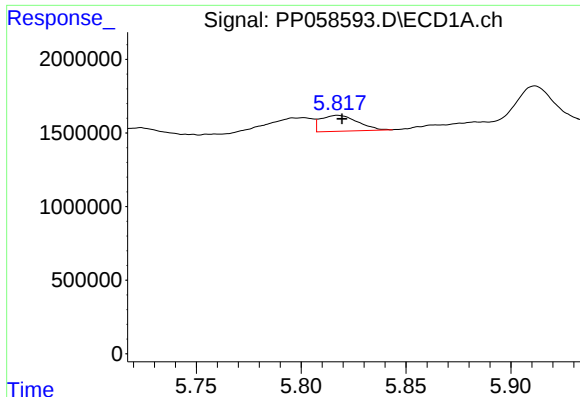
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 1133812
Conc: 22.40 ng/ml



#18 AR-1242-3

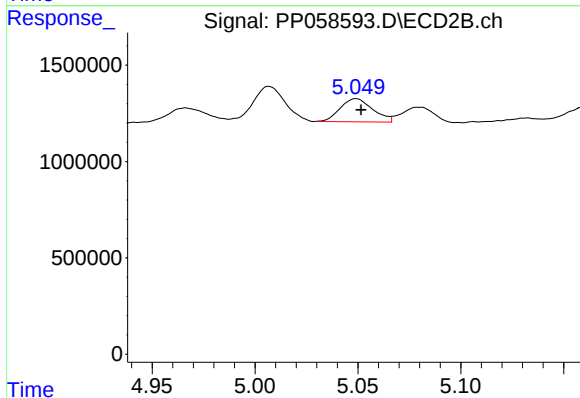
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 629601
Conc: 21.41 ng/ml



#19 AR-1242-4

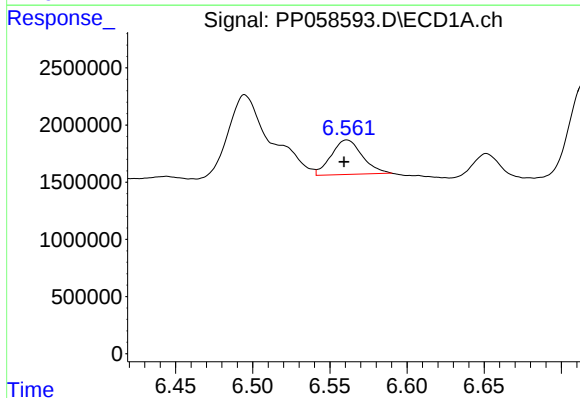
R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 1322409
Conc: 33.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



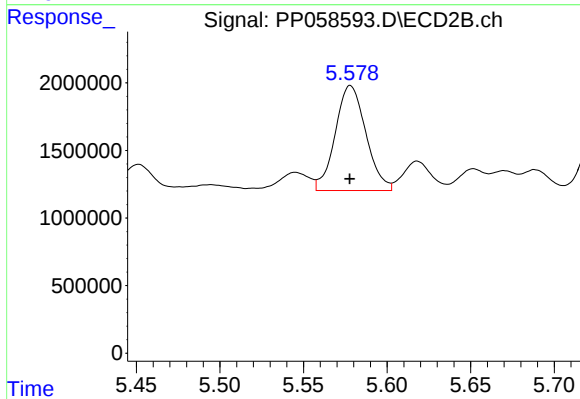
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 1327263
Conc: 41.04 ng/ml



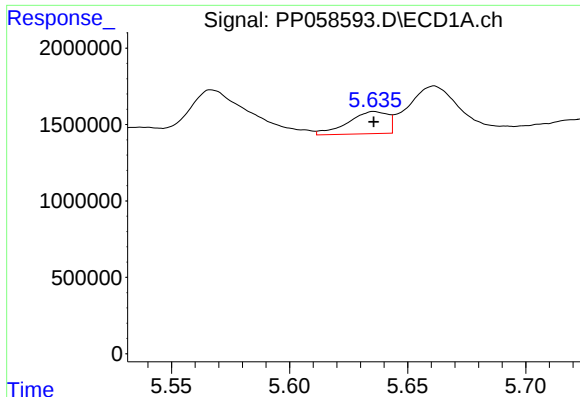
#20 AR-1242-5

R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 4241839
Conc: 116.71 ng/ml



#20 AR-1242-5

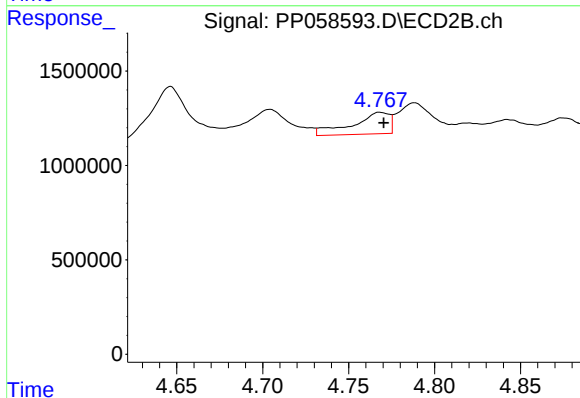
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 9941995
Conc: 262.14 ng/ml



#21 AR-1248-1

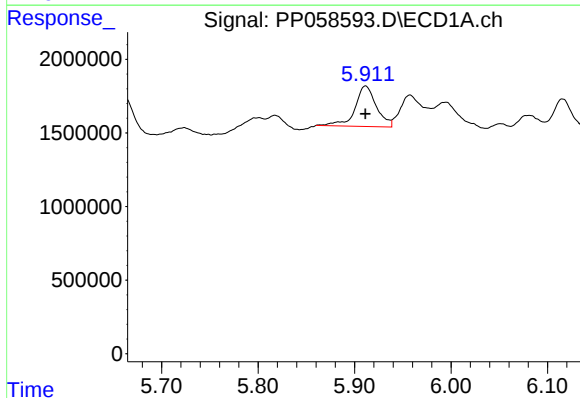
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 1703705
Conc: 40.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



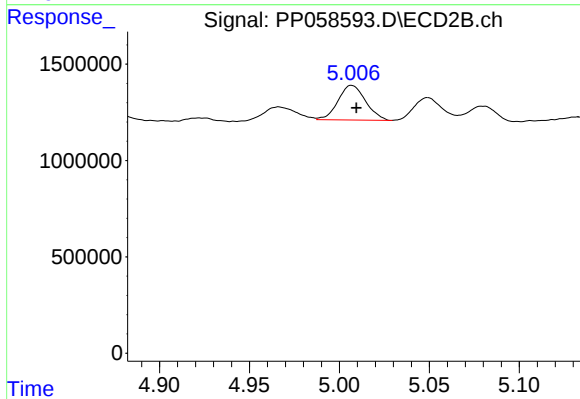
#21 AR-1248-1

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 1713040
Conc: 56.08 ng/ml



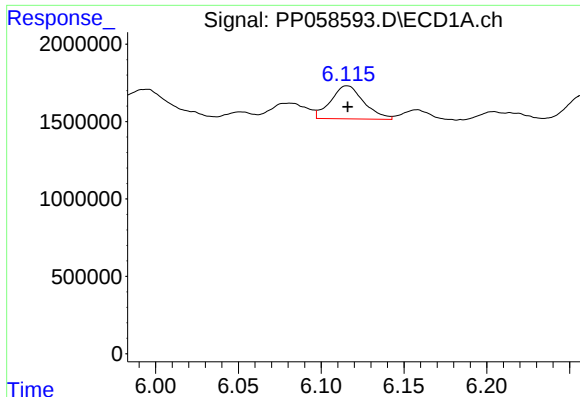
#22 AR-1248-2

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 4228165
Conc: 65.58 ng/ml



#22 AR-1248-2

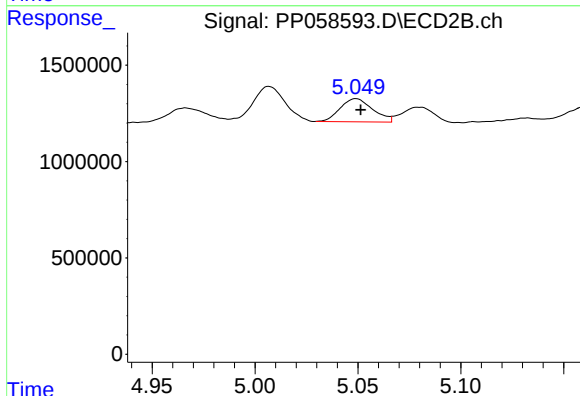
R.T.: 5.007 min
Delta R.T.: -0.003 min
Response: 1917485
Conc: 41.91 ng/ml



#23 AR-1248-3

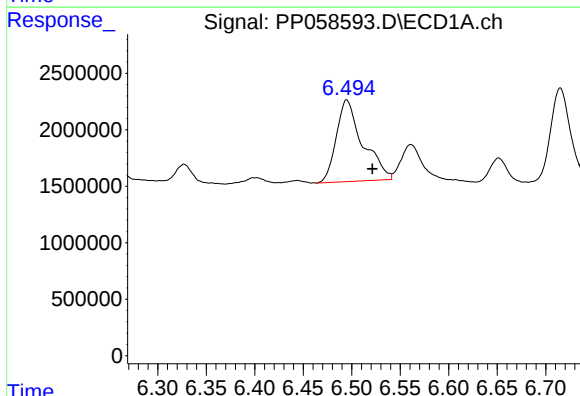
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 2979222
Conc: 42.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



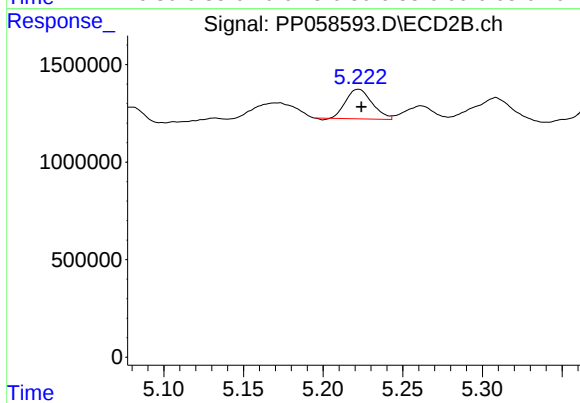
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 1327263
Conc: 27.98 ng/ml



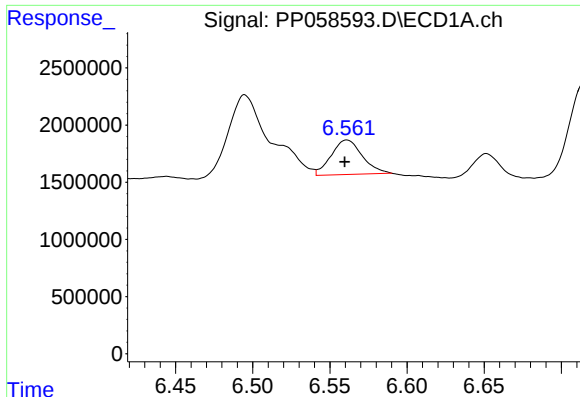
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: -0.026 min
Response: 13705375
Conc: 200.73 ng/ml



#24 AR-1248-4

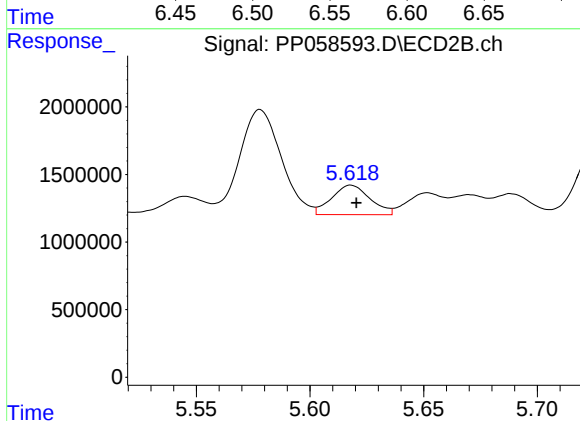
R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 1737273
Conc: 31.74 ng/ml



#25 AR-1248-5

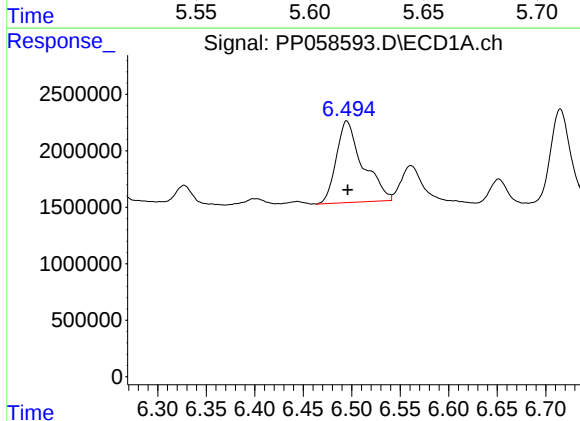
R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 4241839
Conc: 66.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



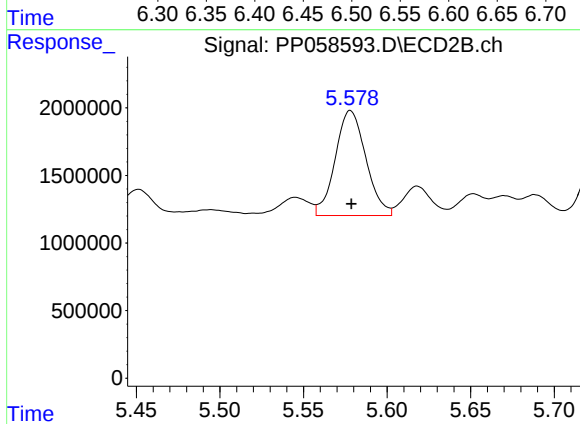
#25 AR-1248-5

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 2564574
Conc: 52.25 ng/ml



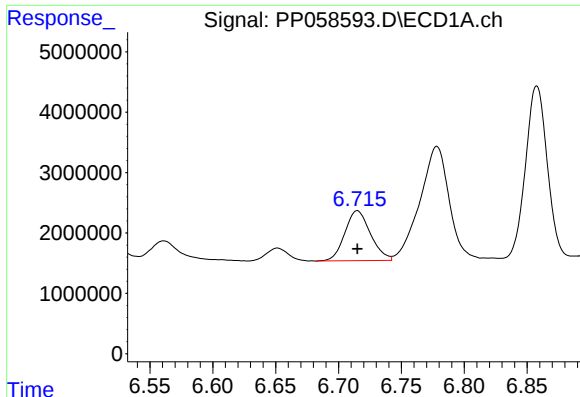
#26 AR-1254-1

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 13705375
Conc: 178.76 ng/ml



#26 AR-1254-1

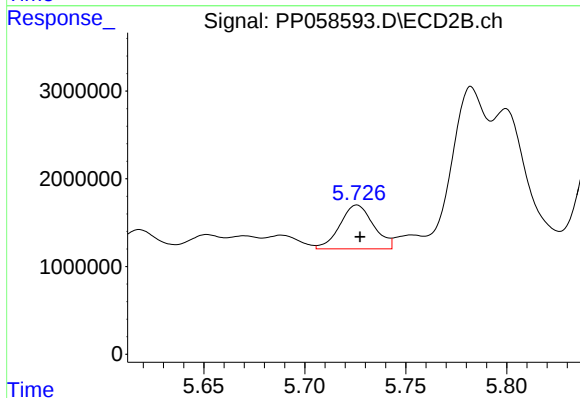
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 9941995
Conc: 128.86 ng/ml



#27 AR-1254-2

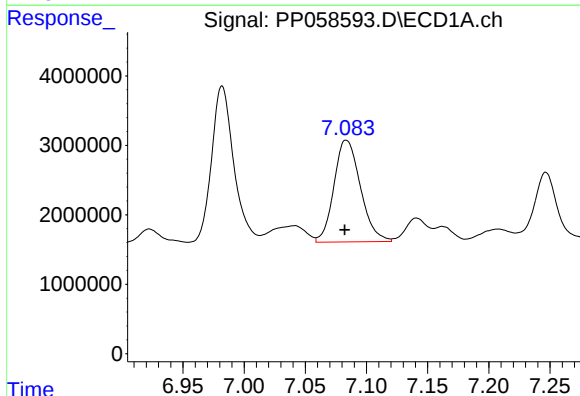
R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 11757517
Conc: 106.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



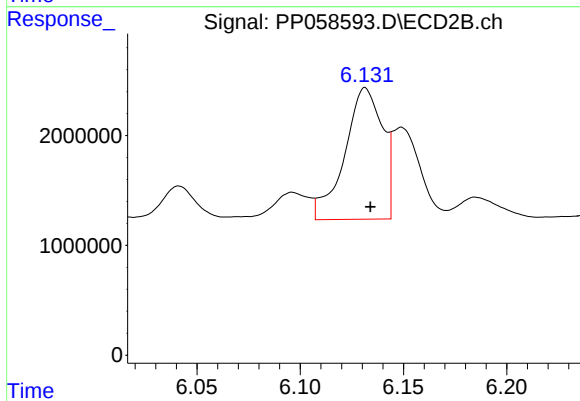
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: -0.001 min
Response: 5790294
Conc: 84.58 ng/ml



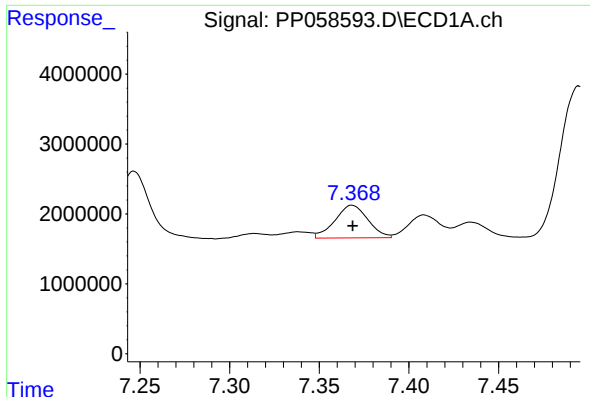
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: 0.001 min
Response: 22105143
Conc: 206.09 ng/ml



#28 AR-1254-3

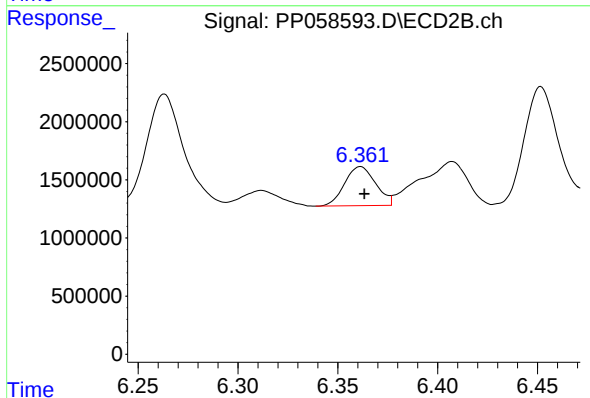
R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 15275882
Conc: 145.55 ng/ml



#29 AR-1254-4

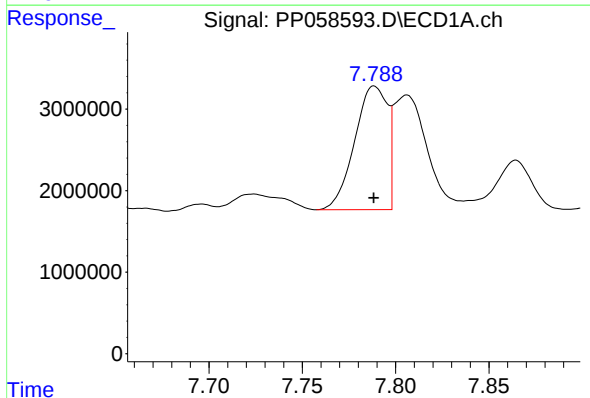
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 5974847
Conc: 82.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



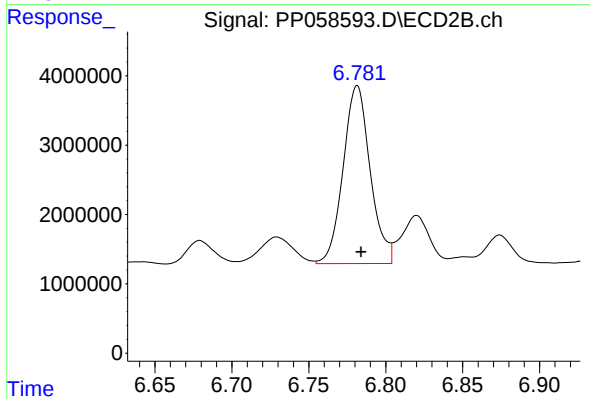
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 3637281
Conc: 60.87 ng/ml



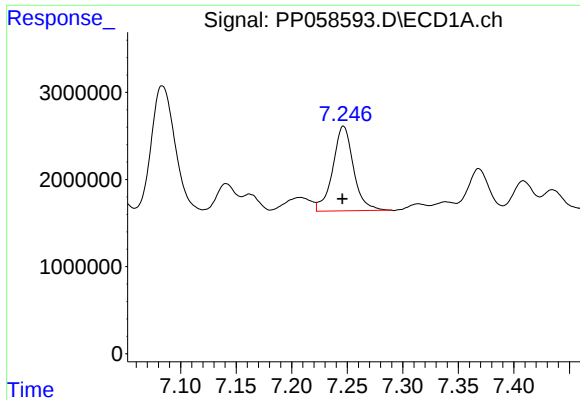
#30 AR-1254-5

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 18594448
Conc: 230.06 ng/ml



#30 AR-1254-5

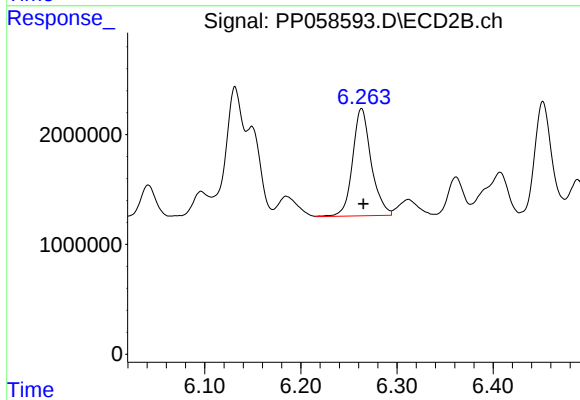
R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 31330424
Conc: 338.81 ng/ml



#31 AR-1260-1

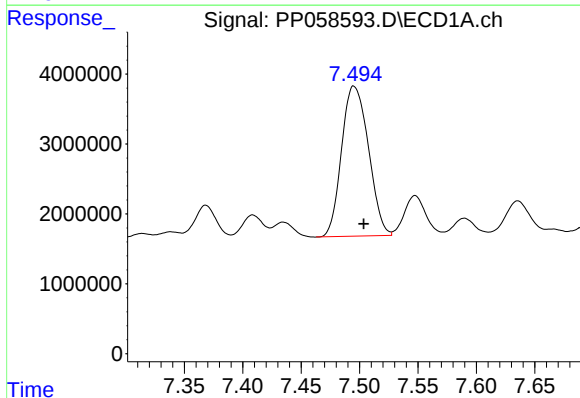
R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 12676702
Conc: 145.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



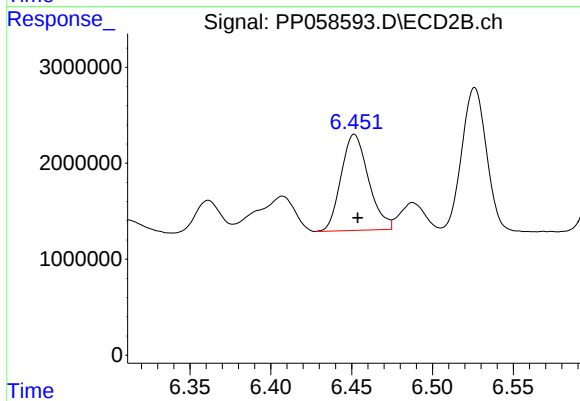
#31 AR-1260-1

R.T.: 6.263 min
Delta R.T.: -0.002 min
Response: 13162320
Conc: 170.31 ng/ml



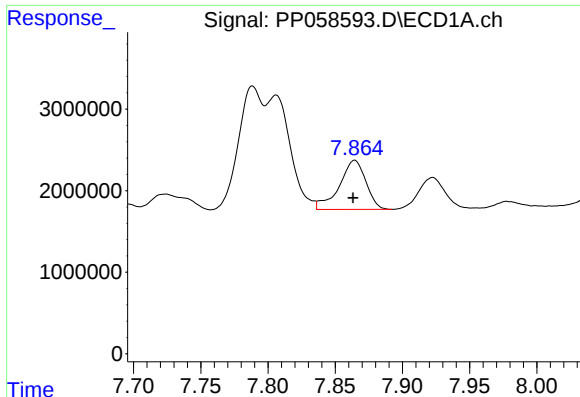
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.008 min
Response: 34391925
Conc: 356.08 ng/ml



#32 AR-1260-2

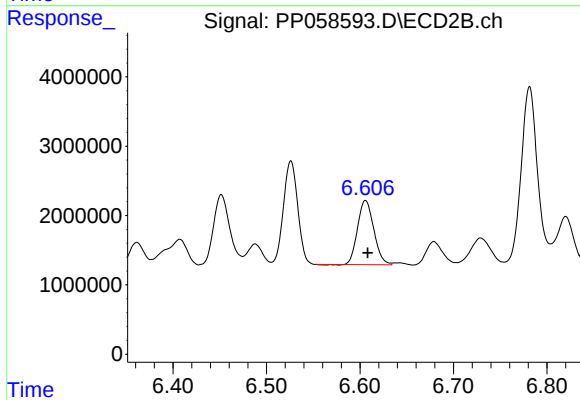
R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 11824319
Conc: 133.71 ng/ml



#33 AR-1260-3

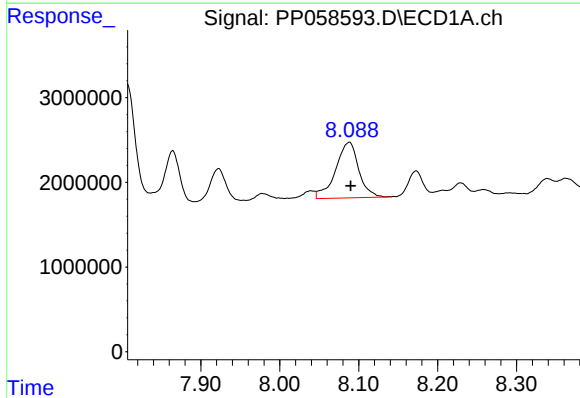
R.T.: 7.864 min
Delta R.T.: 0.001 min
Response: 8298585
Conc: 135.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



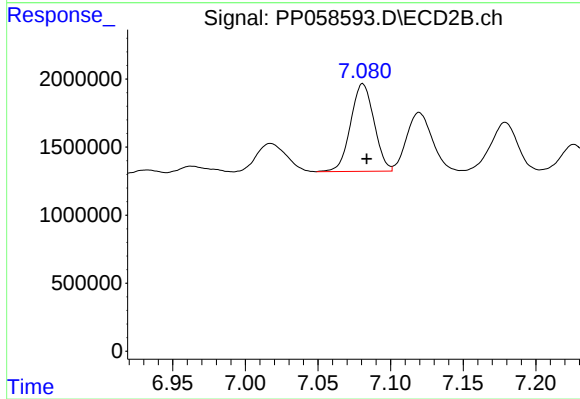
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 11149131
Conc: 132.23 ng/ml



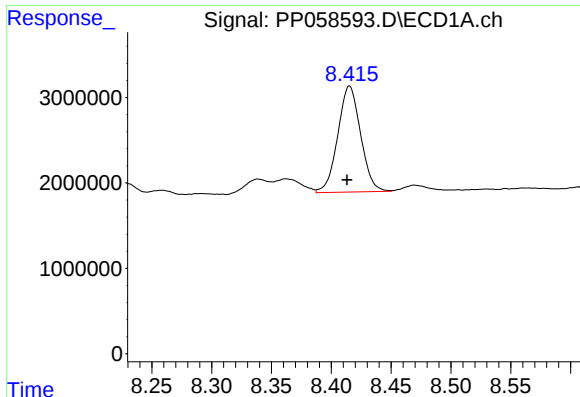
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.002 min
Response: 13393257
Conc: 180.68 ng/ml



#34 AR-1260-4

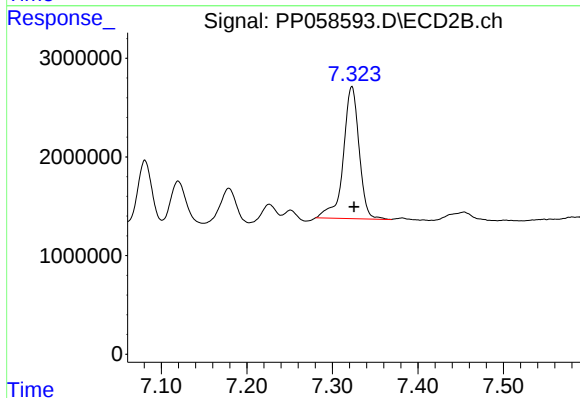
R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 7231274
Conc: 119.95 ng/ml



#35 AR-1260-5

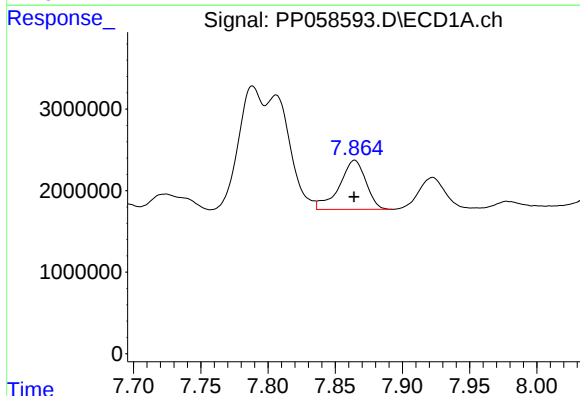
R.T.: 8.415 min
Delta R.T.: 0.002 min
Response: 16499794
Conc: 126.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



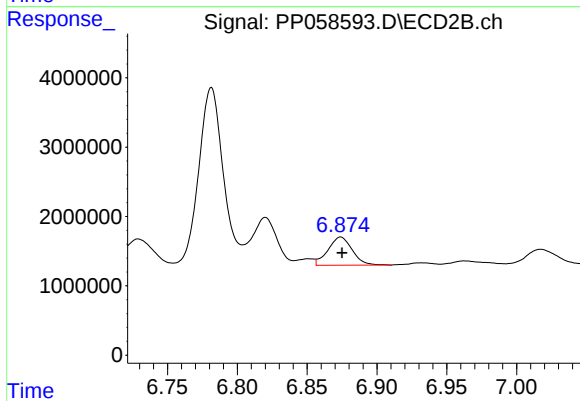
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.003 min
Response: 17201219
Conc: 134.46 ng/ml



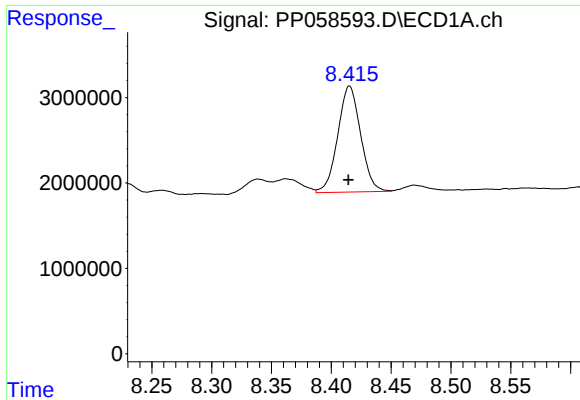
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 8298585
Conc: 80.67 ng/ml



#36 AR-1262-1

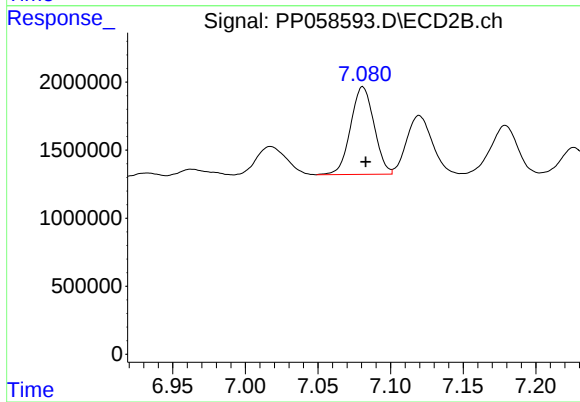
R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 4911014
Conc: 115.61 ng/ml



#37 AR-1262-2

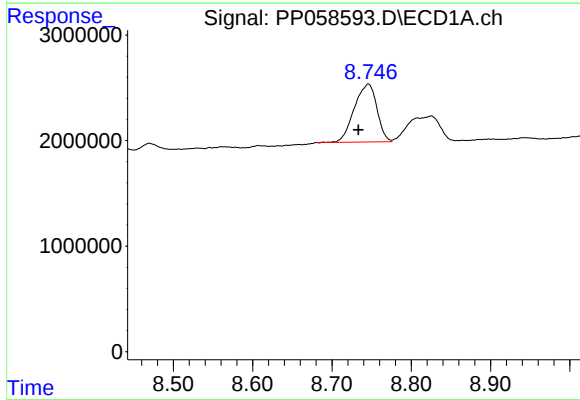
R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 16499794
Conc: 98.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



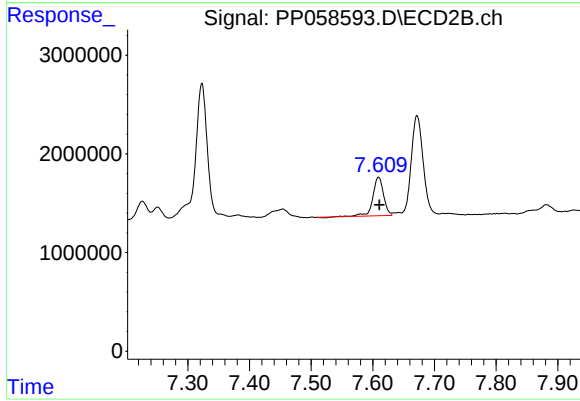
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 7231274
Conc: 80.04 ng/ml



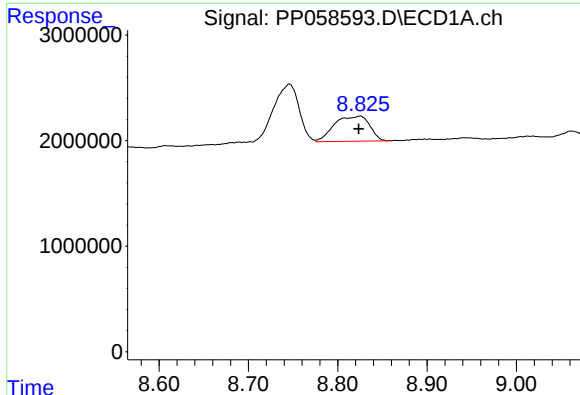
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.012 min
Response: 10861536
Conc: 95.19 ng/ml



#38 AR-1262-3

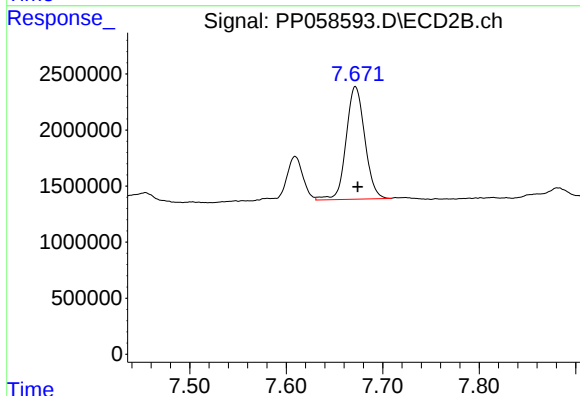
R.T.: 7.609 min
Delta R.T.: -0.001 min
Response: 4720958
Conc: 69.24 ng/ml



#39 AR-1262-4

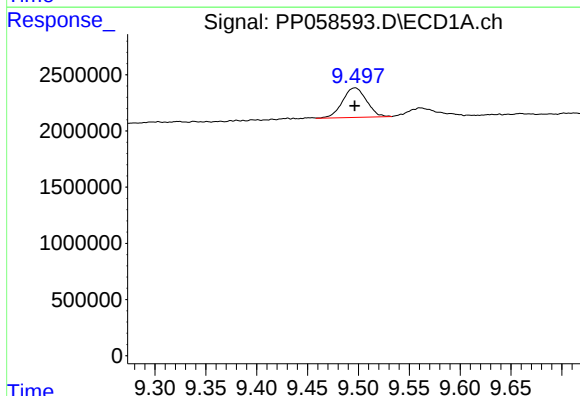
R.T.: 8.825 min
Delta R.T.: 0.001 min
Response: 6505005
Conc: 75.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



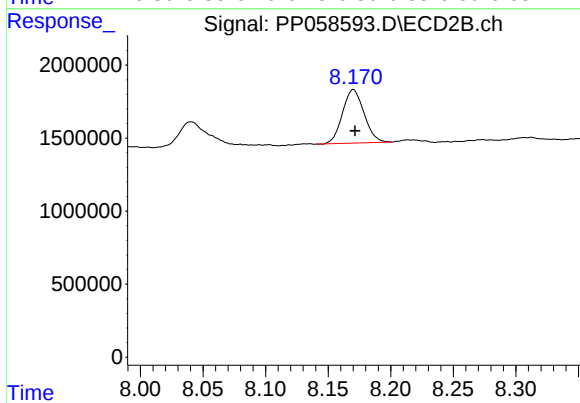
#39 AR-1262-4

R.T.: 7.672 min
Delta R.T.: -0.003 min
Response: 13561847
Conc: 110.99 ng/ml



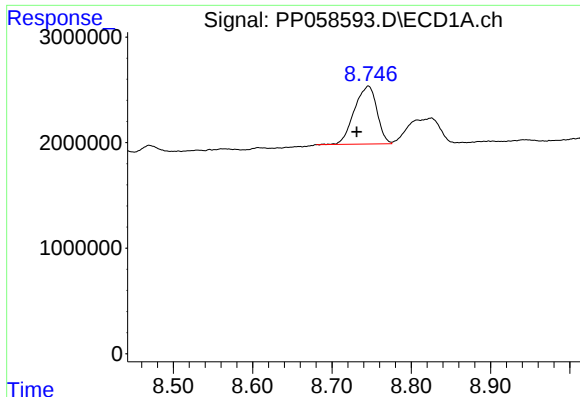
#40 AR-1262-5

R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 4304085
Conc: 78.47 ng/ml



#40 AR-1262-5

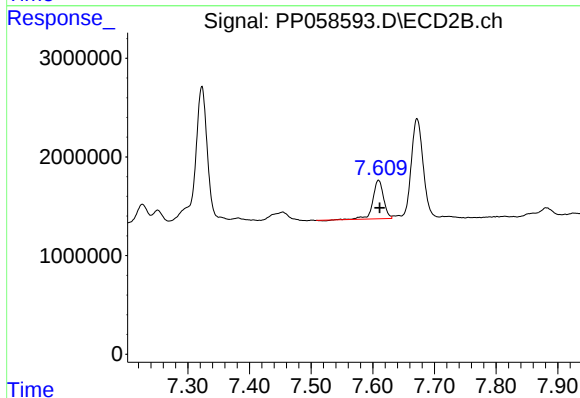
R.T.: 8.170 min
Delta R.T.: -0.001 min
Response: 4410201
Conc: 83.41 ng/ml



#41 AR-1268-1

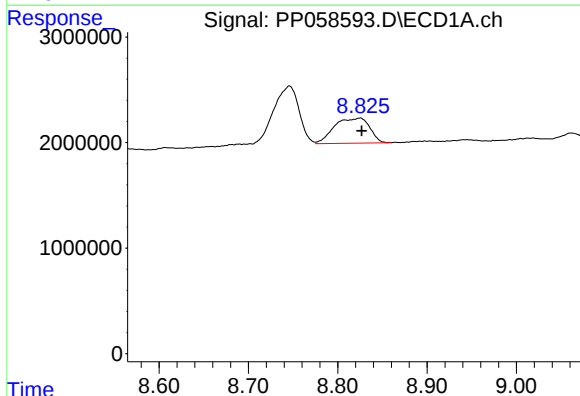
R.T.: 8.746 min
Delta R.T.: 0.015 min
Response: 10861536
Conc: 55.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



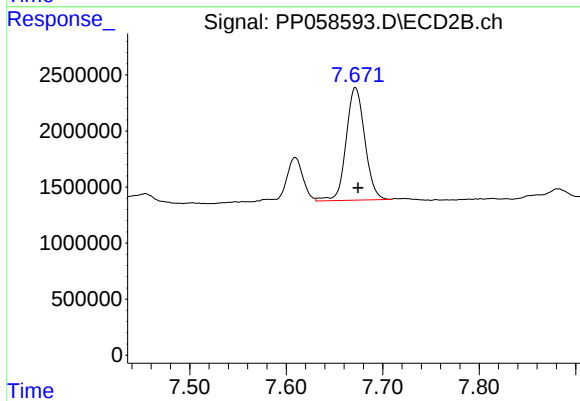
#41 AR-1268-1

R.T.: 7.609 min
Delta R.T.: -0.002 min
Response: 4720958
Conc: 25.57 ng/ml



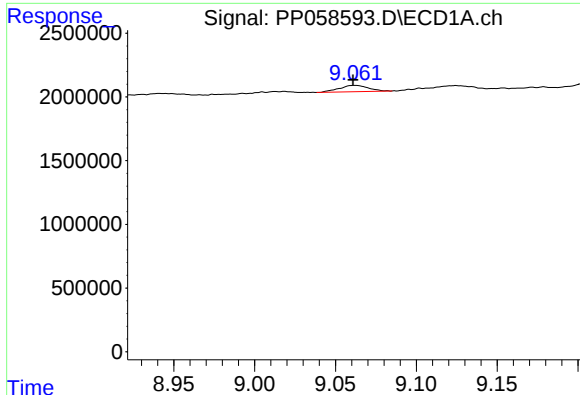
#42 AR-1268-2

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 6505005
Conc: 37.58 ng/ml



#42 AR-1268-2

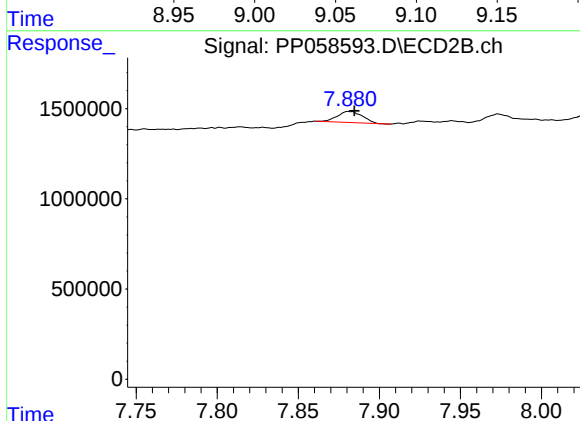
R.T.: 7.672 min
Delta R.T.: -0.003 min
Response: 13561847
Conc: 82.21 ng/ml



#43 AR-1268-3

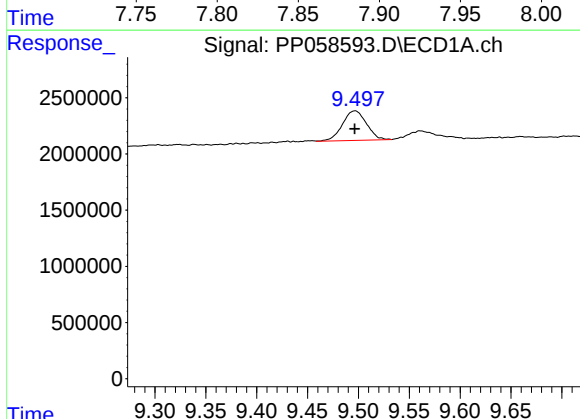
R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 629398
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



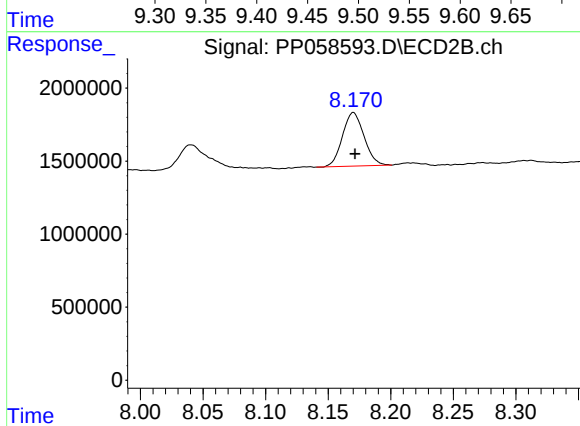
#43 AR-1268-3

R.T.: 7.881 min
Delta R.T.: -0.003 min
Response: 654156
Conc: 4.52 ng/ml



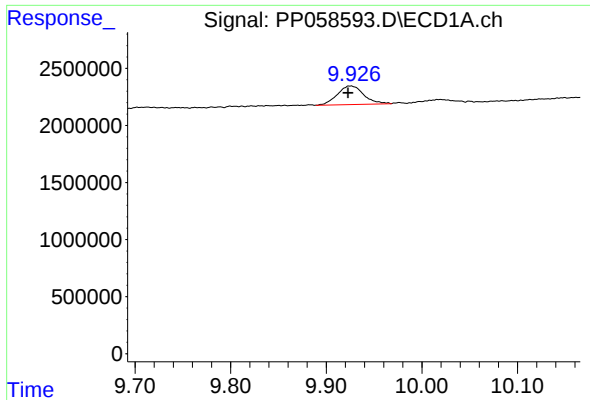
#44 AR-1268-4

R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 4304085
Conc: 75.24 ng/ml



#44 AR-1268-4

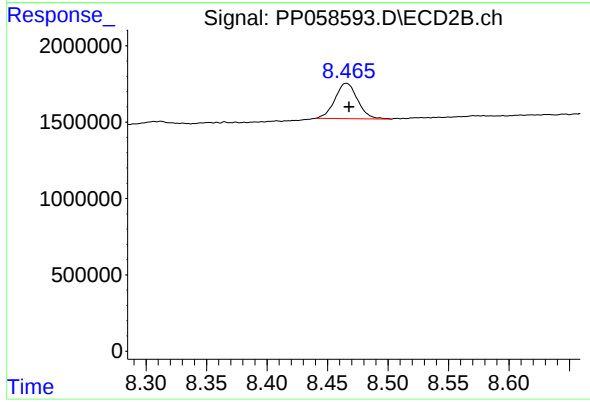
R.T.: 8.170 min
Delta R.T.: -0.001 min
Response: 4410201
Conc: 81.05 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.003 min
Response: 3112287
Conc: 6.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.466 min
Delta R.T.: -0.002 min
Response: 3014300
Conc: 7.24 ng/ml