

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060923\
 Data File : PP058405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2023 17:12
 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: Jun 08 21:44:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 06 04:59:28 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...	4.378	3.617	100.3E6	106.4E6	43.810	49.320
2)	SA Decachlor...	10.203	8.676	62032822	72442598	55.533	43.937
Target Compounds							
3)	L1 AR-1016-1	5.557	4.713	756500	1308542	11.885	18.653 #
4)	L1 AR-1016-2	5.586	4.732	974072	979492	10.550	9.951
5)	L1 AR-1016-3	5.642	4.912	373159	993075	6.357	17.664 #
6)	L1 AR-1016-4	5.741	4.952	433545	22016026	9.103	492.377 #
7)	L1 AR-1016-5	6.041	5.168	11241539	14029901	222.090	243.646
8)	L2 AR-1221-1	4.585	3.830	91351	95739	3.227	3.603
9)	L2 AR-1221-2	4.687	3.921	1598886	1848048	75.664	91.186
10)	L2 AR-1221-3	4.750	3.995	199061	329280	3.347	5.560 #
11)	L3 AR-1232-1	4.750	3.995	199061	329280	4.405	7.542 #
12)	L3 AR-1232-2	5.286	4.732	370250	979492	13.210	21.564 #
13)	L3 AR-1232-3	5.586	4.912	974072	993075	22.445	37.953 #
14)	L3 AR-1232-4	5.741	4.993	433545	7559078	19.075	319.796 #
15)	L3 AR-1232-5	5.835	5.168	19131529	14029901	961.923	529.627 #
16)	L4 AR-1242-1	5.557	4.713	756500	1308542	14.883	23.671 #
17)	L4 AR-1242-2	5.586	4.732	974072	979492	13.245	12.741
18)	L4 AR-1242-3	5.642	4.912	373159	993075	7.970	22.475 #
19)	L4 AR-1242-4	5.741	4.993	433545	7559078	11.374	170.150 #
20)	L4 AR-1242-5	6.491	5.524	10473738	51952131	295.768	940.021 #
21)	L5 AR-1248-1	5.557	4.713	756500	1308542	18.910	29.699 #
22)	L5 AR-1248-2	5.835	4.952	19131529	22016026	298.457	355.105
23)	L5 AR-1248-3	6.041	4.993	11241539	7559078	163.306	115.260 #
24)	L5 AR-1248-4	6.447	5.168	14438849	14029901	228.852	181.510
25)	L5 AR-1248-5	6.491	5.564	10473738	6572058	163.955	89.010 #
26)	L6 AR-1254-1	6.422	5.524	32688637	51952131	447.359	479.149
27)	L6 AR-1254-2	6.643	5.672	47759965	46194692	465.068	475.872
28)	L6 AR-1254-3	7.013	6.080	48165103	72628247	488.558	469.074
29)	L6 AR-1254-4	7.301	6.310	32699007	43842735	492.794	467.222
30)	L6 AR-1254-5	7.725	6.731	38526015	66288397	526.477	456.032
31)	L7 AR-1260-1	7.178	6.211	22379226	37916272	267.026	348.331 #
32)	L7 AR-1260-2	7.438	6.400	23064892	30282819	276.521	235.097
33)	L7 AR-1260-3	7.786f	6.554	6768602	31041939	117.907	251.708 #
34)	L7 AR-1260-4	8.016	7.030	15602283	3657547	230.880	40.403 #
35)	L7 AR-1260-5	8.352	7.273	6122186	8151257	57.075	40.188 #
36)	L8 AR-1262-1	7.786f	6.822	6768602	2557039	73.576	40.859 #
37)	L8 AR-1262-2	8.352	7.030	6122186	3657547	46.567	29.098 #
38)	L8 AR-1262-3	8.683	7.559	4884551	298462	51.766	3.007 #
39)	L8 AR-1262-4	8.732f	7.622	1649548	8384134	22.478	46.364 #
40)	L8 AR-1262-5	9.433	8.123	119328	304894	2.689	3.777 #
41)	L9 AR-1268-1	8.683	7.559	4884551	298462	30.548	1.080 #

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 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

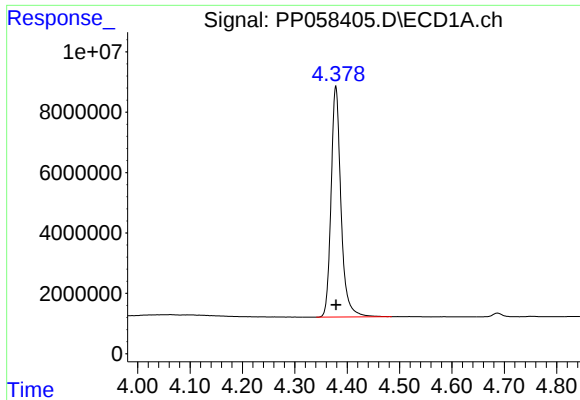
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:44:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060623.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	0.000	7.622	0	8384134	N.D.	32.970 #
43) L9	AR-1268-3	9.000	7.832	230159	177910	1.781	0.832 #
44) L9	AR-1268-4	9.433	8.123	119328	304894	2.525	3.486 #
45) L9	AR-1268-5	9.857	8.418	272376	404040	0.818	0.702

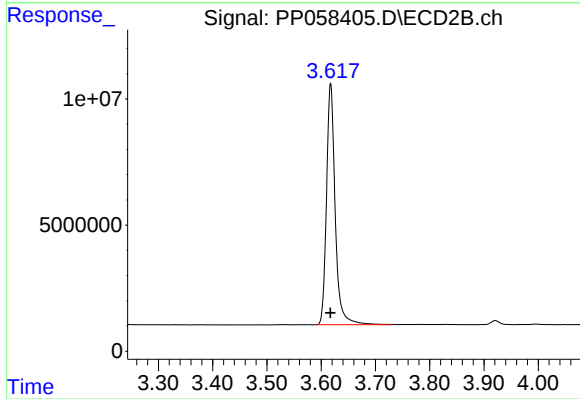
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

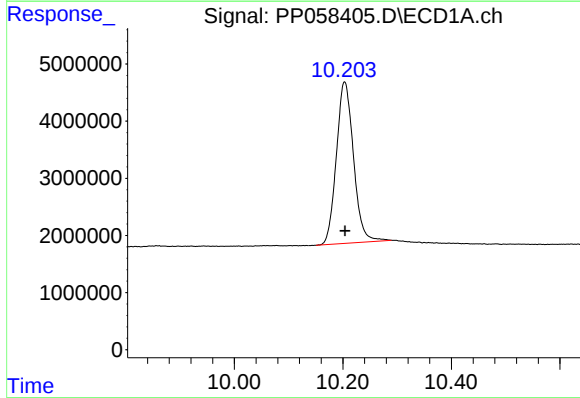
R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 100265872
Conc: 43.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



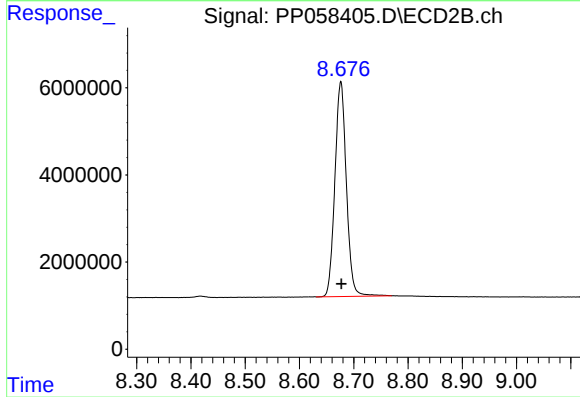
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: 0.000 min
Response: 106418209
Conc: 49.32 ng/ml



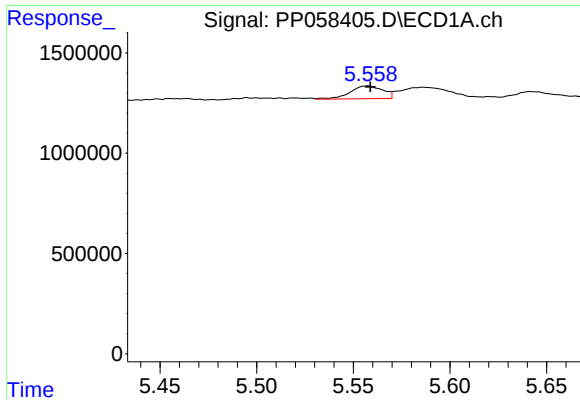
#2 Decachlorobiphenyl

R.T.: 10.203 min
Delta R.T.: 0.000 min
Response: 62032822
Conc: 55.53 ng/ml



#2 Decachlorobiphenyl

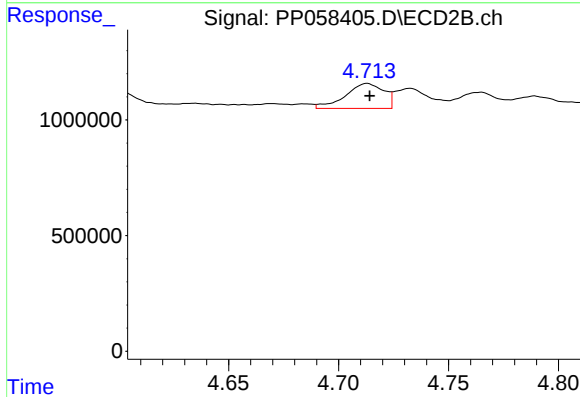
R.T.: 8.676 min
Delta R.T.: -0.001 min
Response: 72442598
Conc: 43.94 ng/ml



#3 AR-1016-1

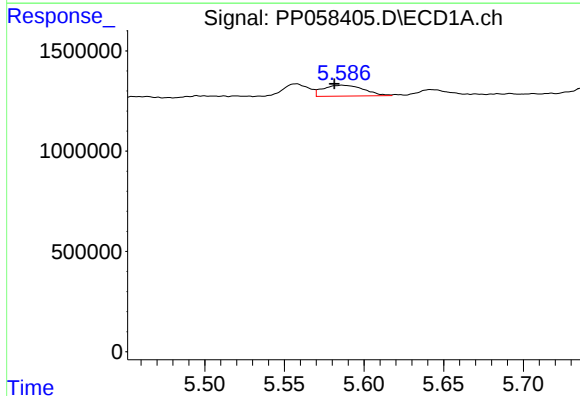
R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 756500
Conc: 11.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



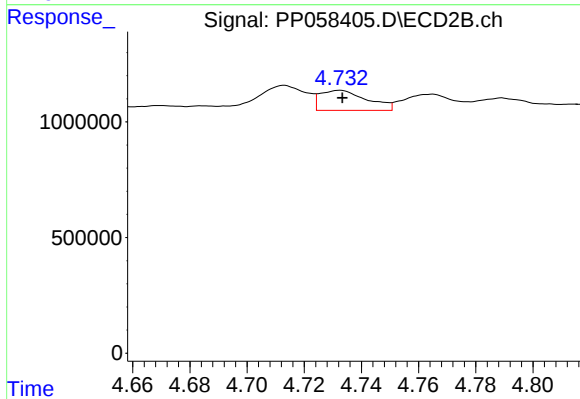
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 1308542
Conc: 18.65 ng/ml



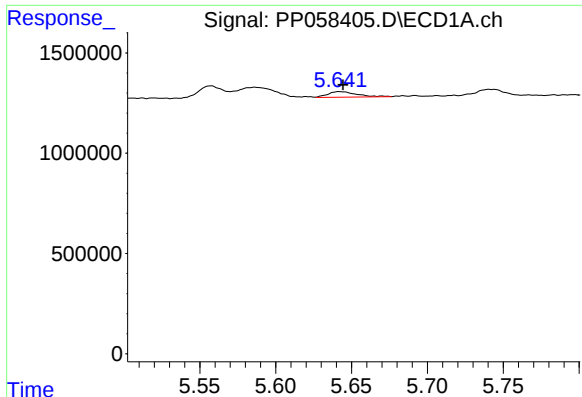
#4 AR-1016-2

R.T.: 5.586 min
Delta R.T.: 0.005 min
Response: 974072
Conc: 10.55 ng/ml



#4 AR-1016-2

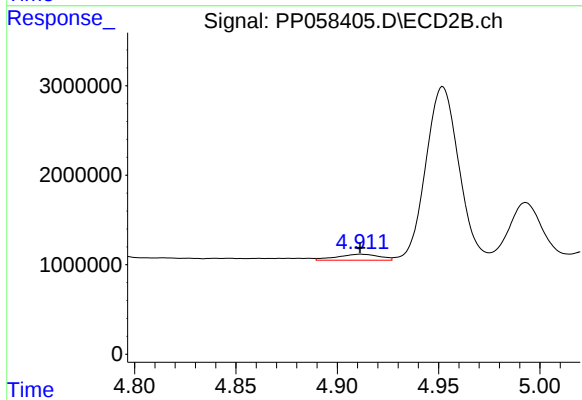
R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 979492
Conc: 9.95 ng/ml



#5 AR-1016-3

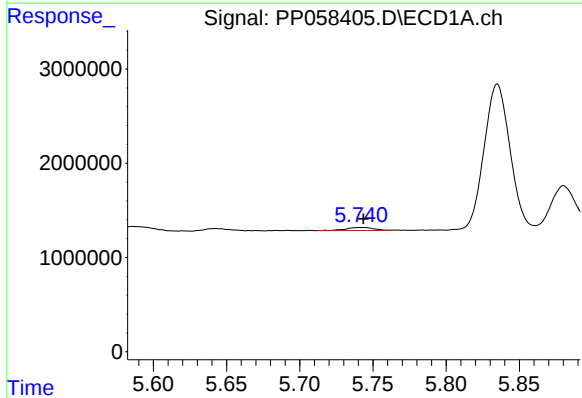
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 373159
Conc: 6.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



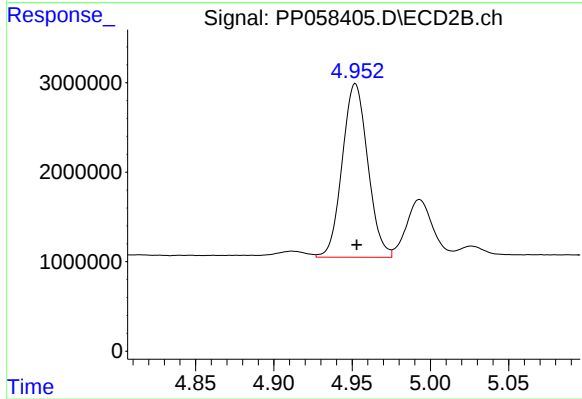
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 993075
Conc: 17.66 ng/ml



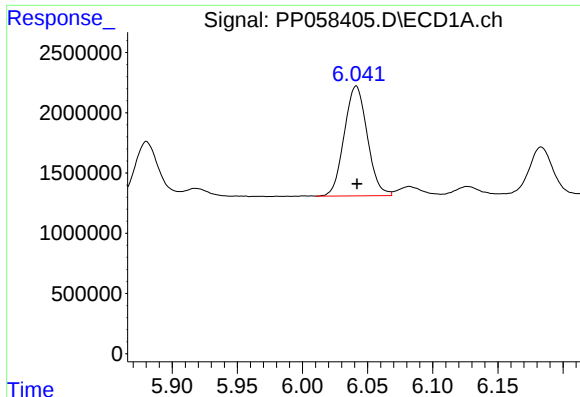
#6 AR-1016-4

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 433545
Conc: 9.10 ng/ml



#6 AR-1016-4

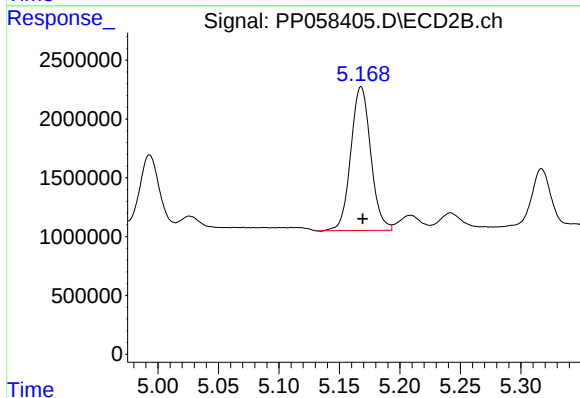
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 22016026
Conc: 492.38 ng/ml



#7 AR-1016-5

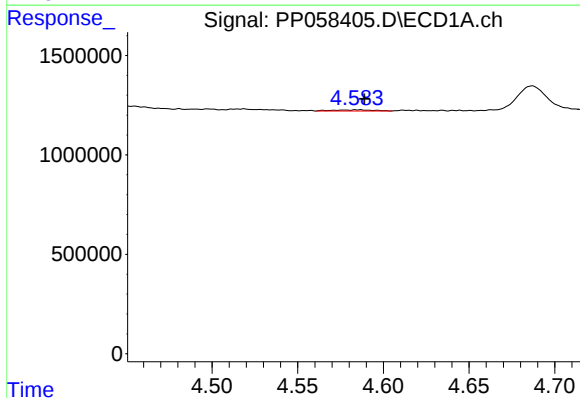
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 11241539
Conc: 222.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



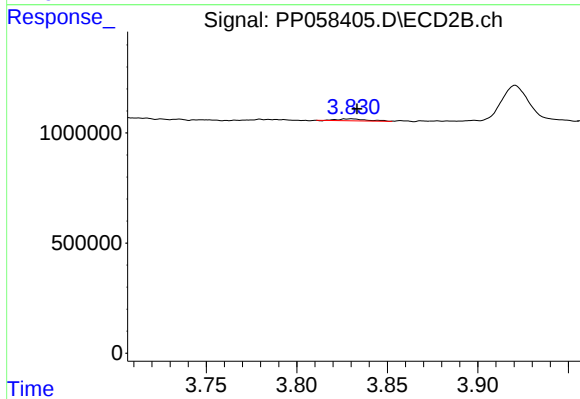
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 14029901
Conc: 243.65 ng/ml



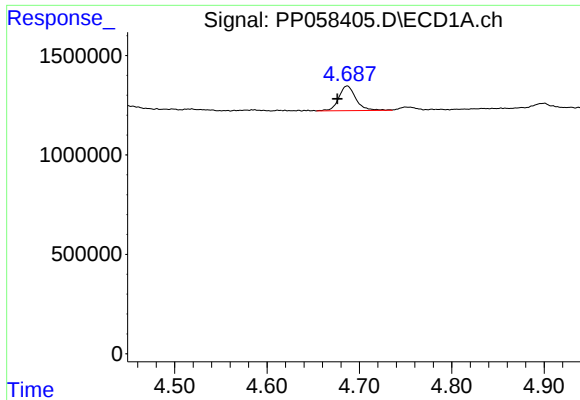
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 91351
Conc: 3.23 ng/ml



#8 AR-1221-1

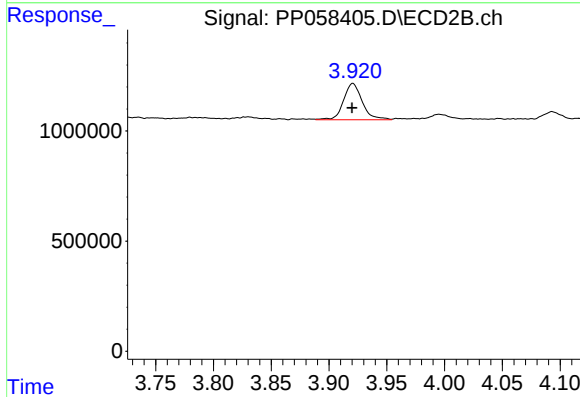
R.T.: 3.830 min
Delta R.T.: -0.003 min
Response: 95739
Conc: 3.60 ng/ml



#9 AR-1221-2

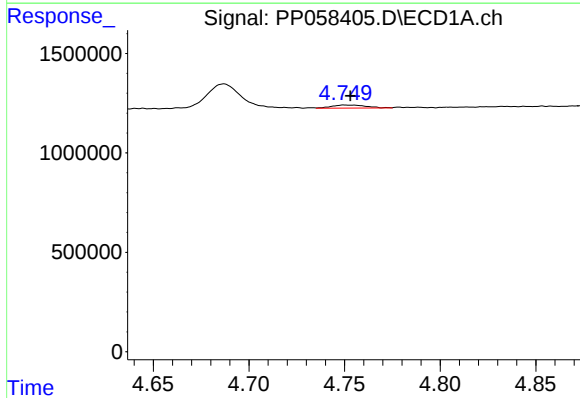
R.T.: 4.687 min
Delta R.T.: 0.011 min
Response: 1598886
Conc: 75.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



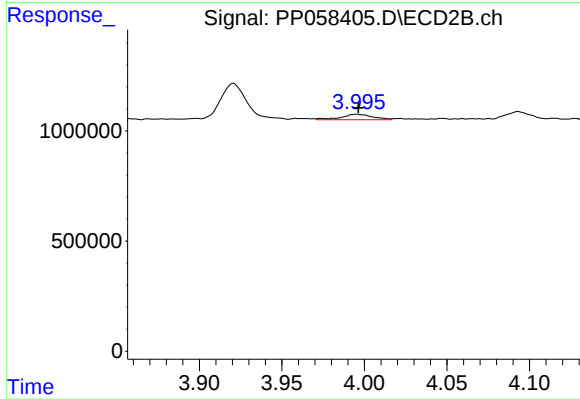
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 1848048
Conc: 91.19 ng/ml



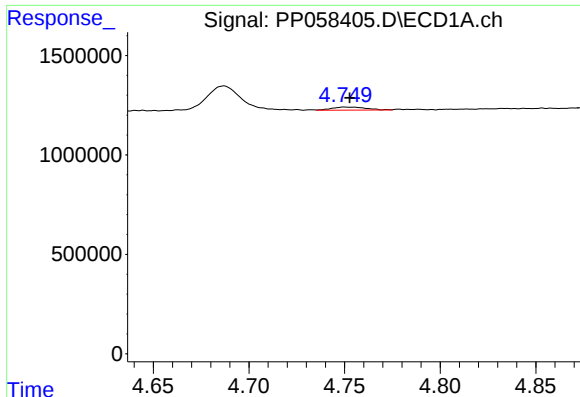
#10 AR-1221-3

R.T.: 4.750 min
Delta R.T.: -0.003 min
Response: 199061
Conc: 3.35 ng/ml



#10 AR-1221-3

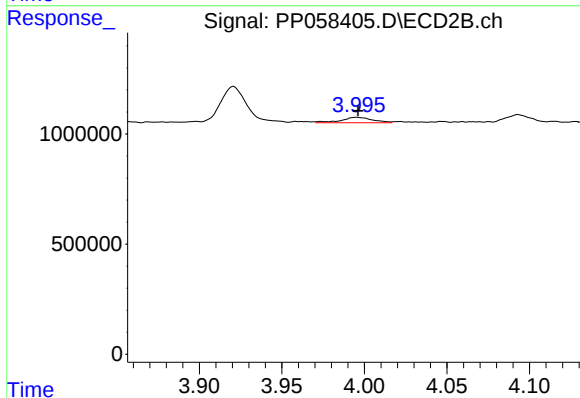
R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 329280
Conc: 5.56 ng/ml



#11 AR-1232-1

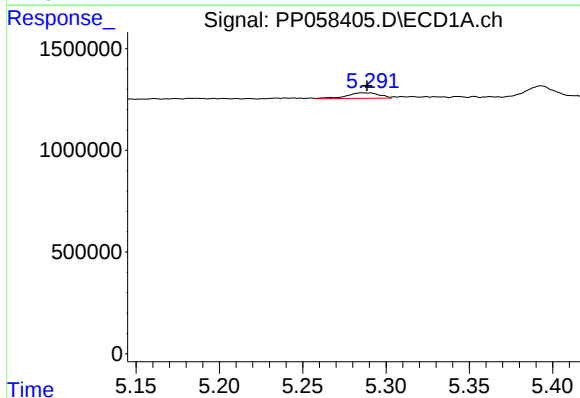
R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 199061
Conc: 4.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



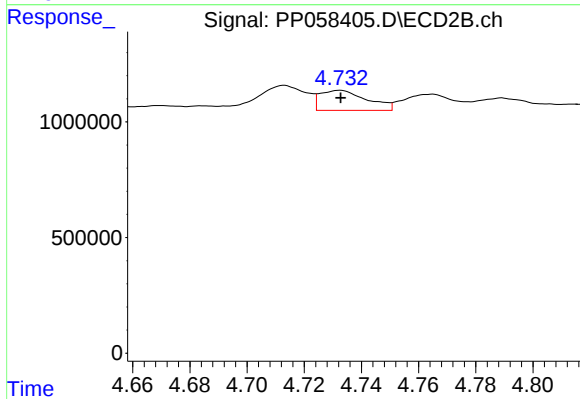
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 329280
Conc: 7.54 ng/ml



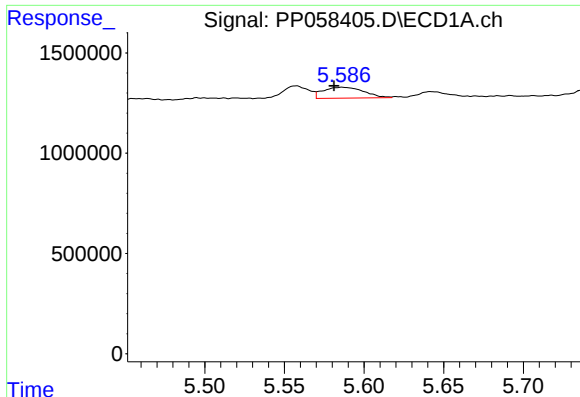
#12 AR-1232-2

R.T.: 5.286 min
Delta R.T.: -0.003 min
Response: 370250
Conc: 13.21 ng/ml



#12 AR-1232-2

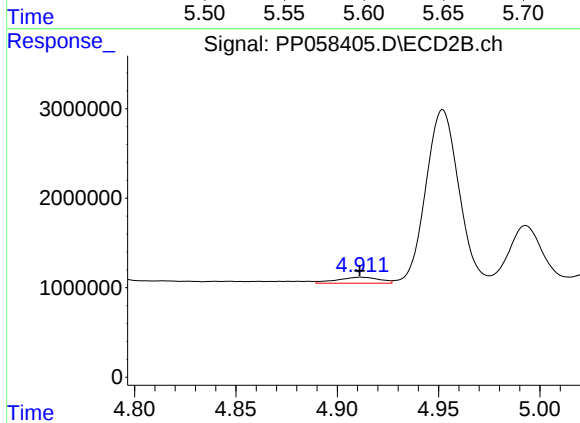
R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 979492
Conc: 21.56 ng/ml



#13 AR-1232-3

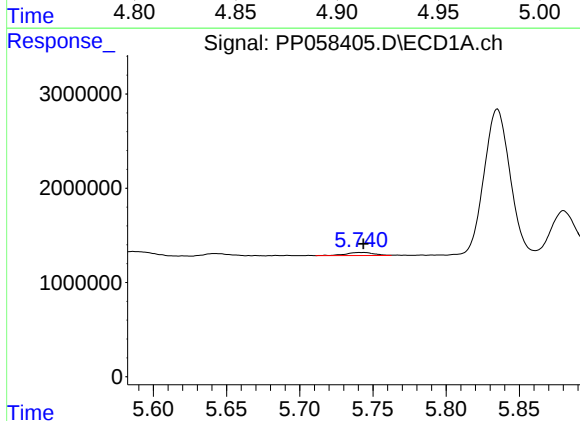
R.T.: 5.586 min
Delta R.T.: 0.005 min
Response: 974072
Conc: 22.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



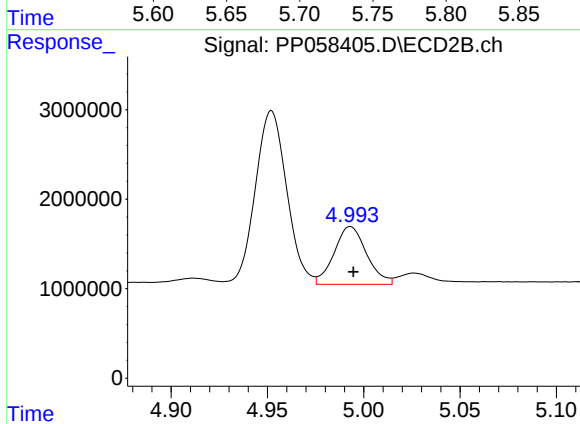
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 993075
Conc: 37.95 ng/ml



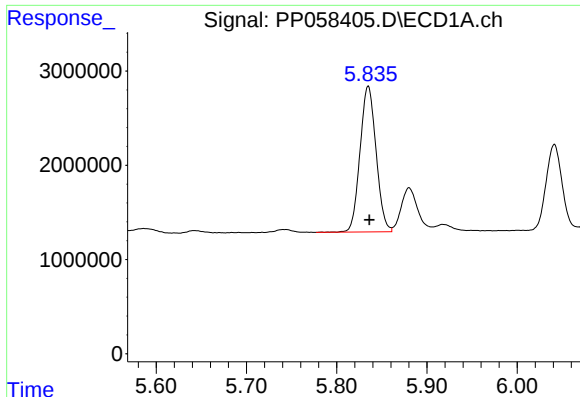
#14 AR-1232-4

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 433545
Conc: 19.08 ng/ml



#14 AR-1232-4

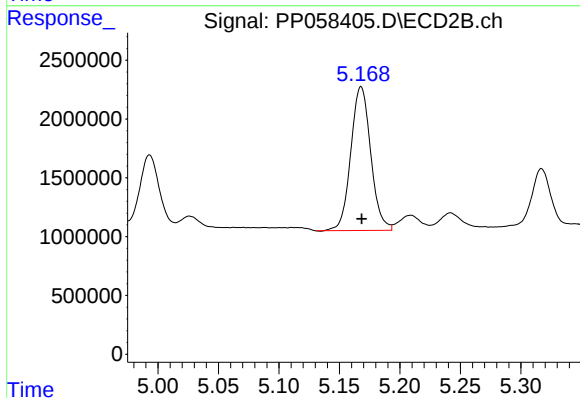
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 7559078
Conc: 319.80 ng/ml



#15 AR-1232-5

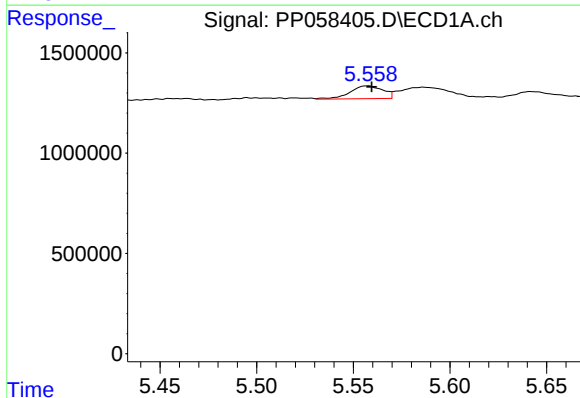
R.T.: 5.835 min
Delta R.T.: -0.001 min
Response: 19131529
Conc: 961.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



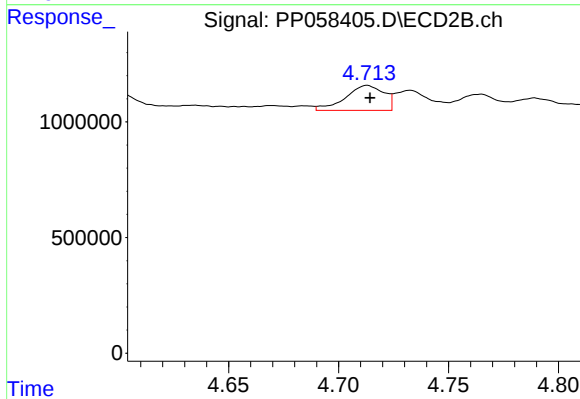
#15 AR-1232-5

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 14029901
Conc: 529.63 ng/ml



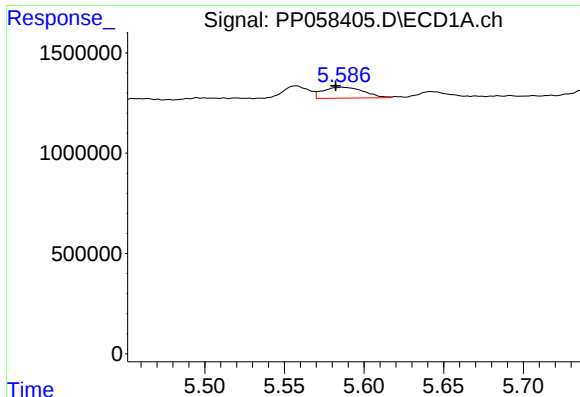
#16 AR-1242-1

R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 756500
Conc: 14.88 ng/ml



#16 AR-1242-1

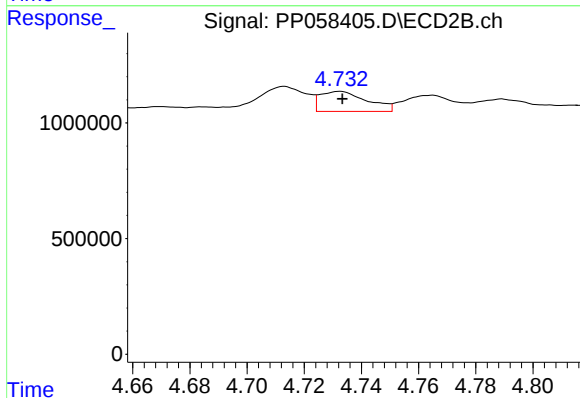
R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 1308542
Conc: 23.67 ng/ml



#17 AR-1242-2

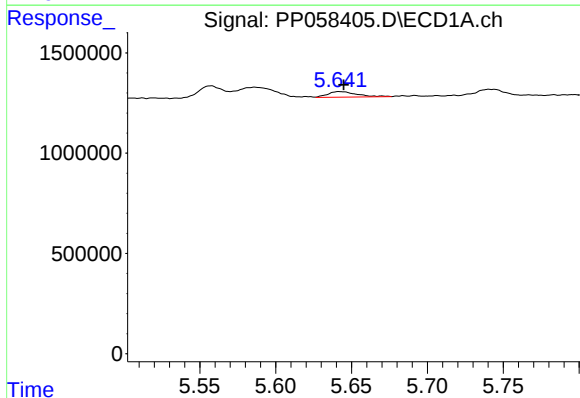
R.T.: 5.586 min
Delta R.T.: 0.004 min
Response: 974072
Conc: 13.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



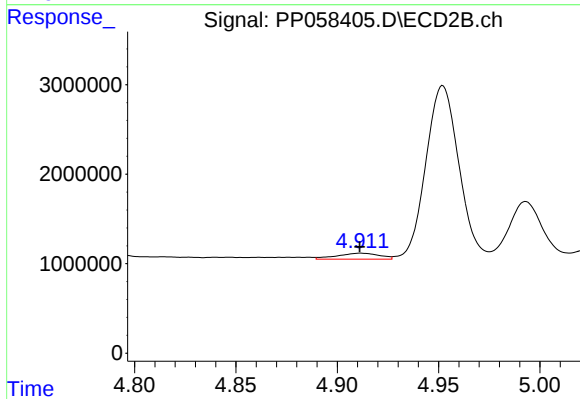
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 979492
Conc: 12.74 ng/ml



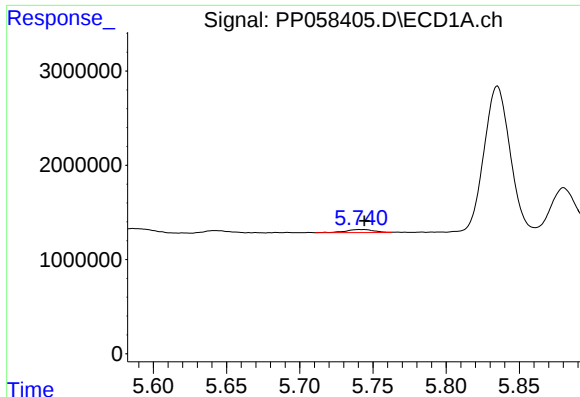
#18 AR-1242-3

R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 373159
Conc: 7.97 ng/ml



#18 AR-1242-3

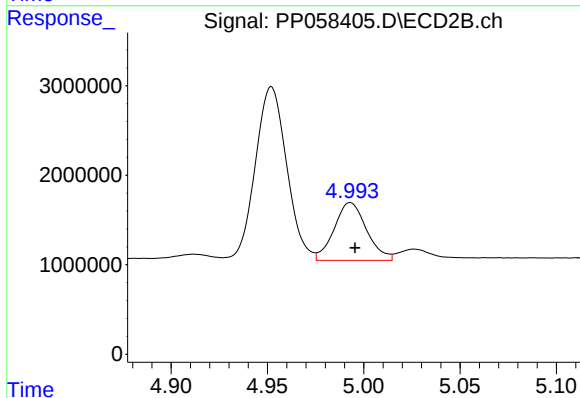
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 993075
Conc: 22.47 ng/ml



#19 AR-1242-4

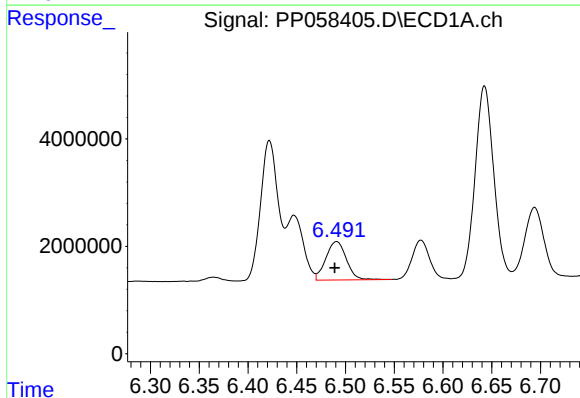
R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 433545
Conc: 11.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



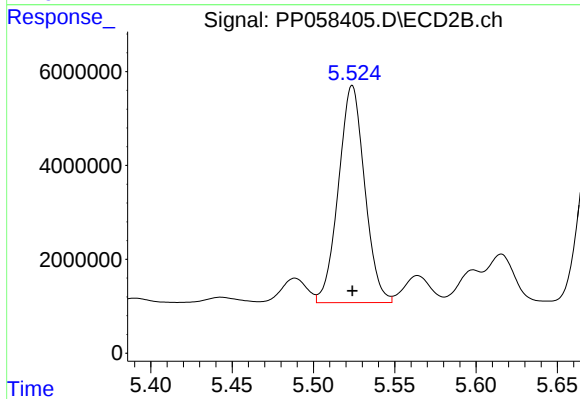
#19 AR-1242-4

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 7559078
Conc: 170.15 ng/ml



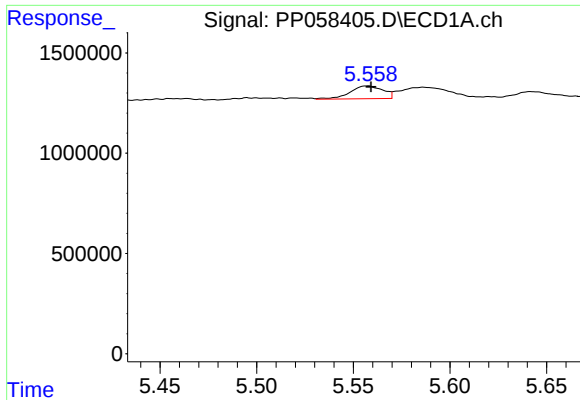
#20 AR-1242-5

R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 10473738
Conc: 295.77 ng/ml



#20 AR-1242-5

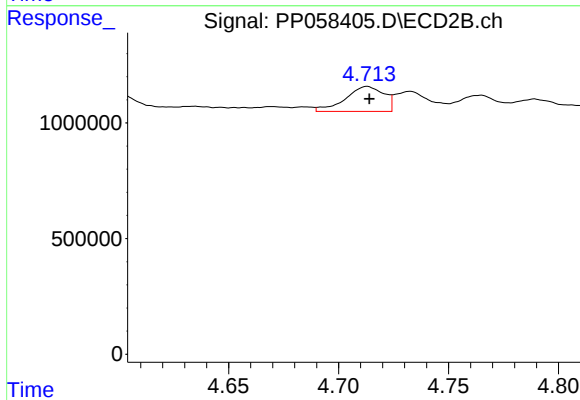
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 51952131
Conc: 940.02 ng/ml



#21 AR-1248-1

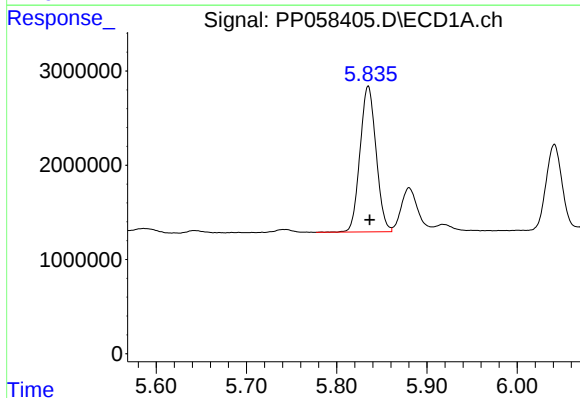
R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 756500
Conc: 18.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



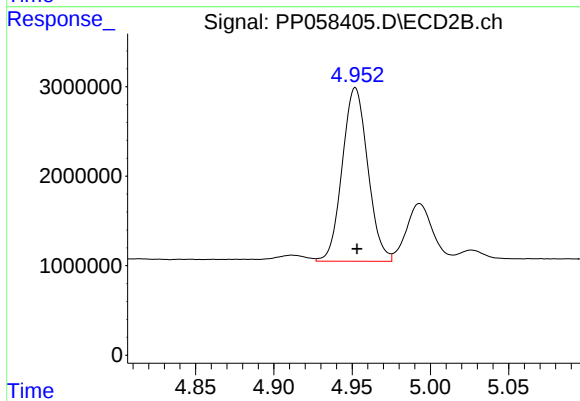
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 1308542
Conc: 29.70 ng/ml



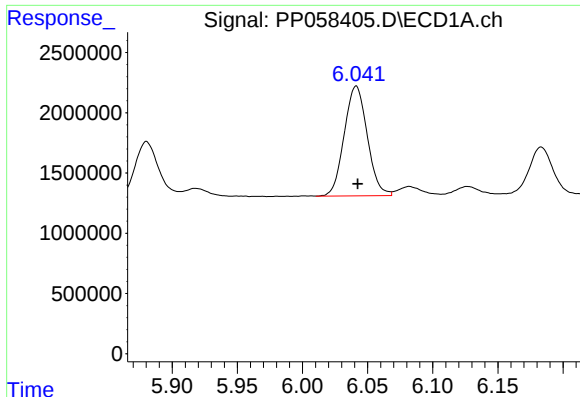
#22 AR-1248-2

R.T.: 5.835 min
Delta R.T.: -0.002 min
Response: 19131529
Conc: 298.46 ng/ml



#22 AR-1248-2

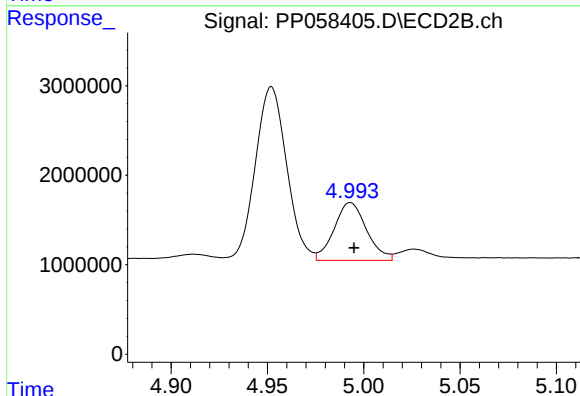
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 22016026
Conc: 355.10 ng/ml



#23 AR-1248-3

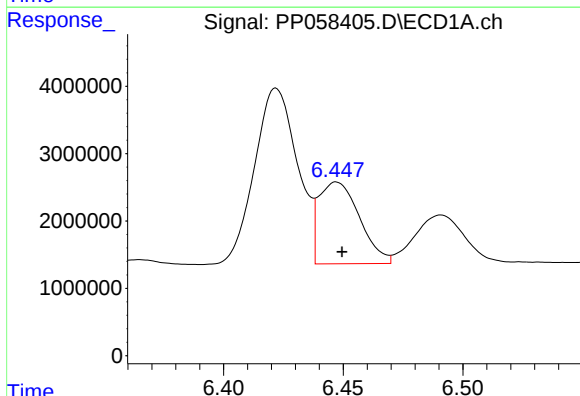
R.T.: 6.041 min
Delta R.T.: -0.001 min
Response: 11241539
Conc: 163.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



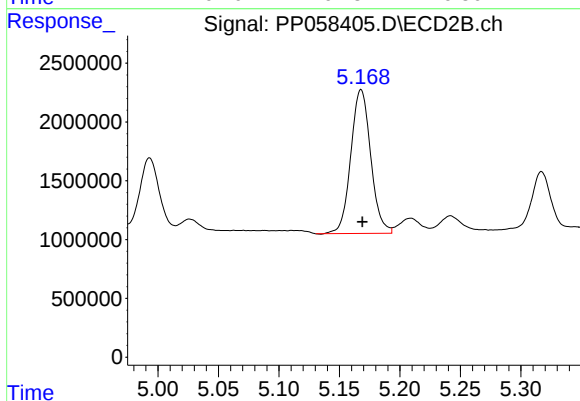
#23 AR-1248-3

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 7559078
Conc: 115.26 ng/ml



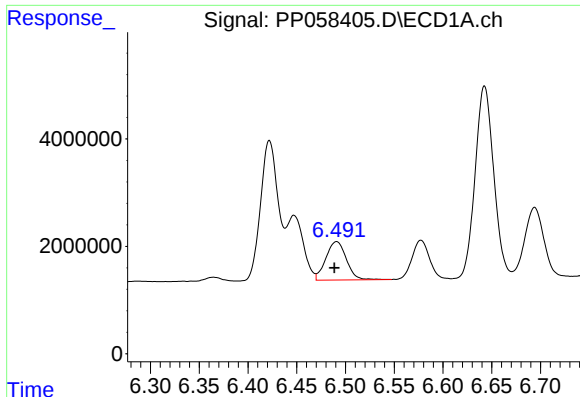
#24 AR-1248-4

R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 14438849
Conc: 228.85 ng/ml



#24 AR-1248-4

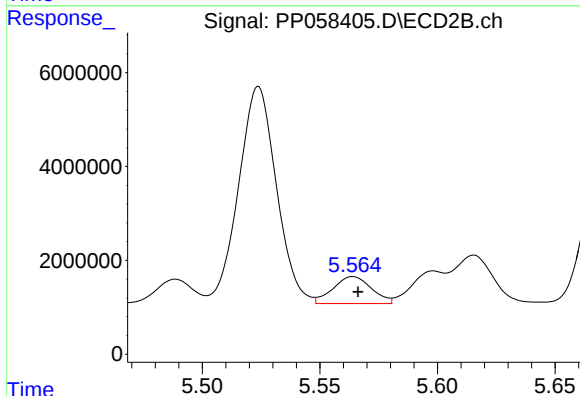
R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 14029901
Conc: 181.51 ng/ml



#25 AR-1248-5

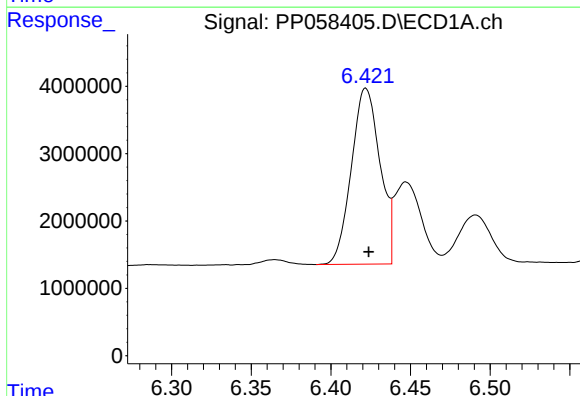
R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 10473738
Conc: 163.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



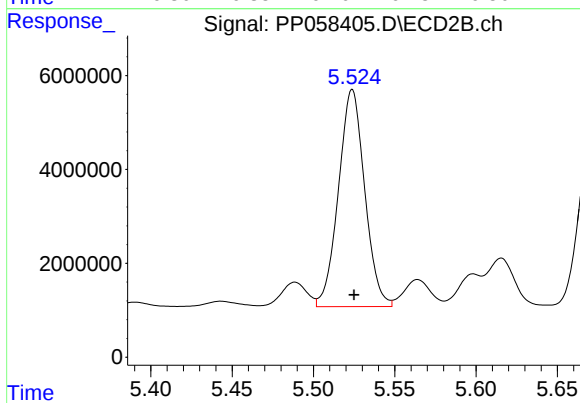
#25 AR-1248-5

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 6572058
Conc: 89.01 ng/ml



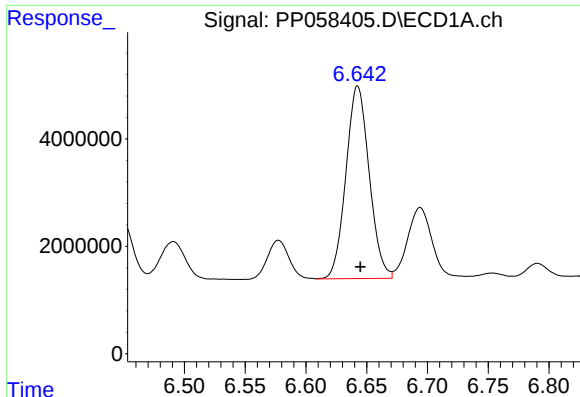
#26 AR-1254-1

R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 32688637
Conc: 447.36 ng/ml



#26 AR-1254-1

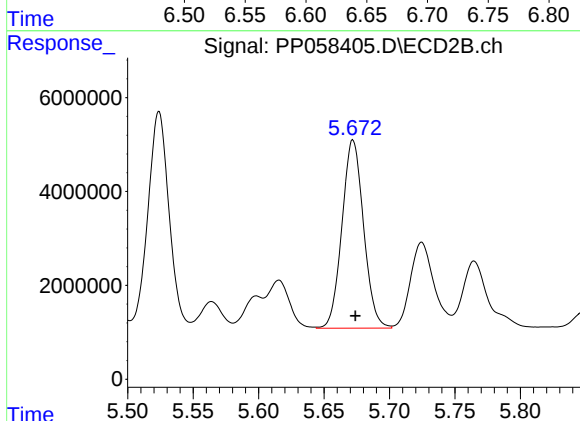
R.T.: 5.524 min
Delta R.T.: -0.001 min
Response: 51952131
Conc: 479.15 ng/ml



#27 AR-1254-2

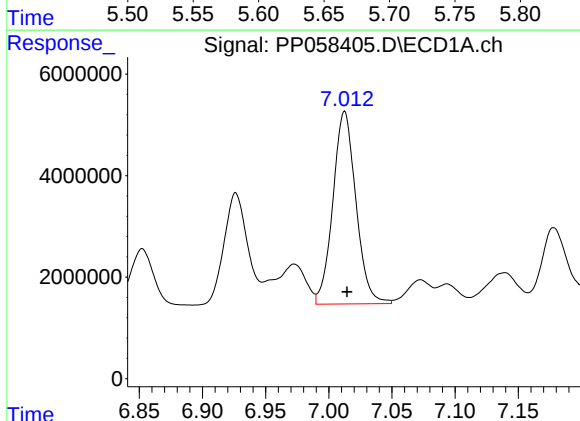
R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 47759965
Conc: 465.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



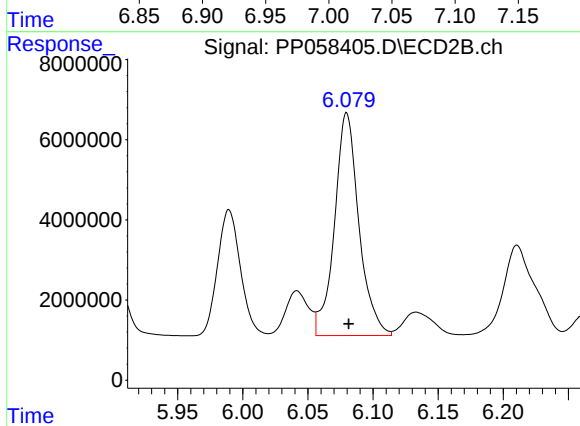
#27 AR-1254-2

R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 46194692
Conc: 475.87 ng/ml



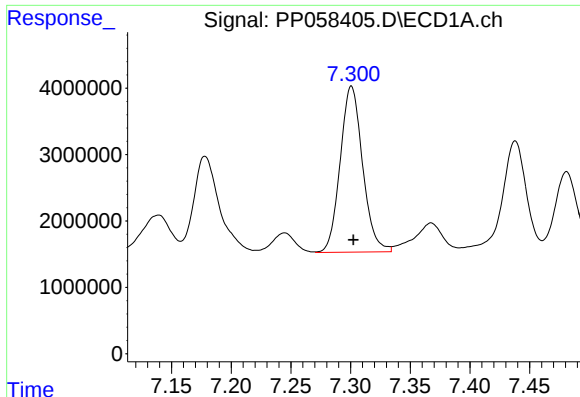
#28 AR-1254-3

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 48165103
Conc: 488.56 ng/ml



#28 AR-1254-3

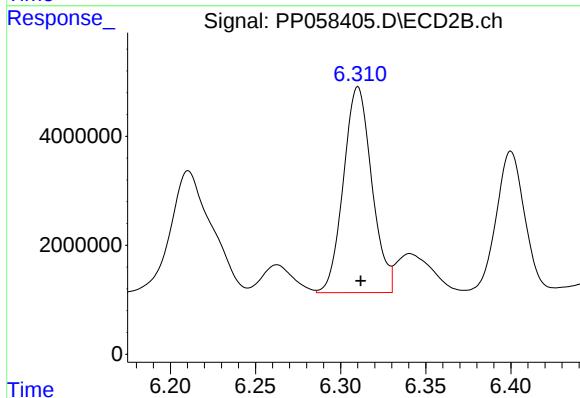
R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 72628247
Conc: 469.07 ng/ml



#29 AR-1254-4

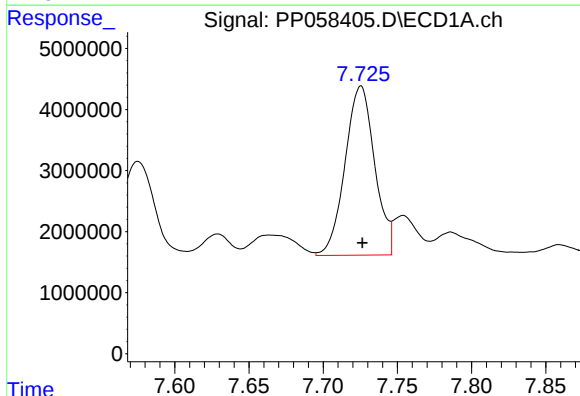
R.T.: 7.301 min
Delta R.T.: -0.002 min
Response: 32699007
Conc: 492.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



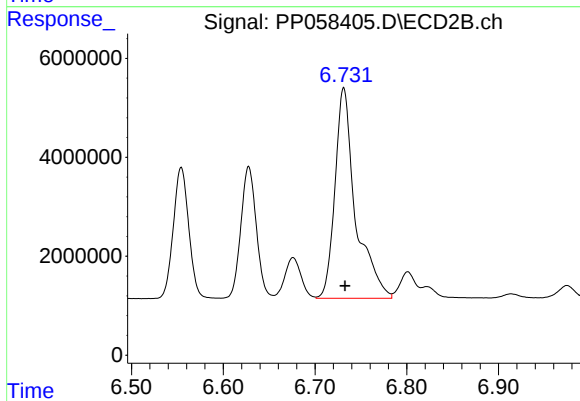
#29 AR-1254-4

R.T.: 6.310 min
Delta R.T.: -0.001 min
Response: 43842735
Conc: 467.22 ng/ml



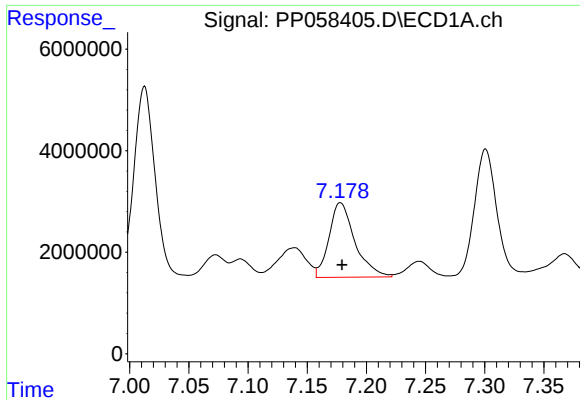
#30 AR-1254-5

R.T.: 7.725 min
Delta R.T.: -0.001 min
Response: 38526015
Conc: 526.48 ng/ml



#30 AR-1254-5

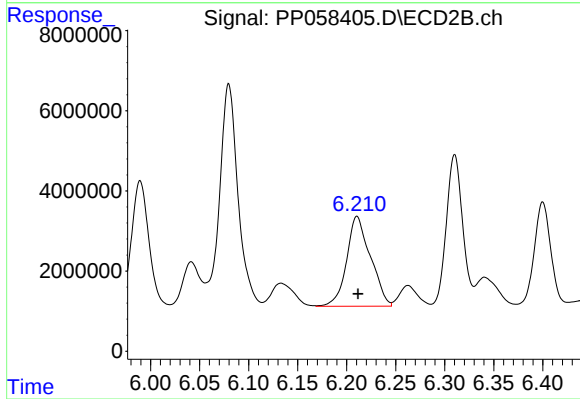
R.T.: 6.731 min
Delta R.T.: -0.001 min
Response: 66288397
Conc: 456.03 ng/ml



#31 AR-1260-1

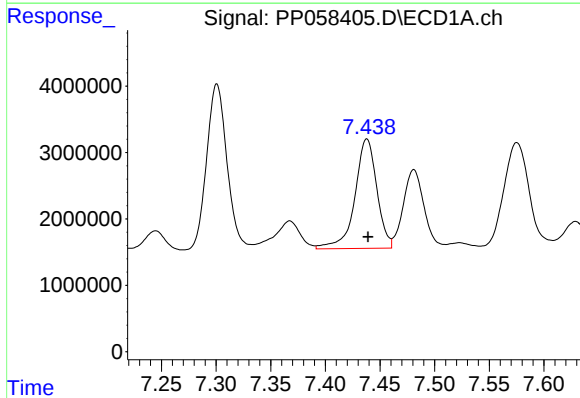
R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 22379226
Conc: 267.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



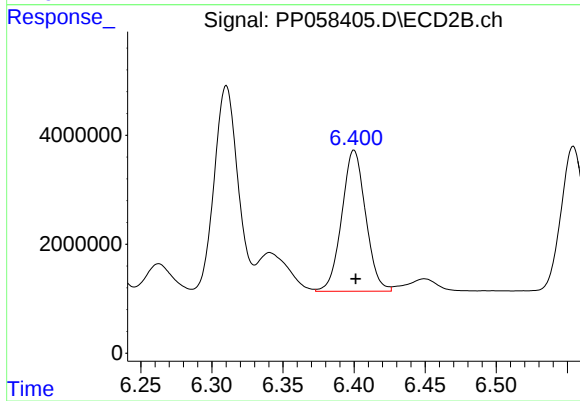
#31 AR-1260-1

R.T.: 6.211 min
Delta R.T.: -0.001 min
Response: 37916272
Conc: 348.33 ng/ml



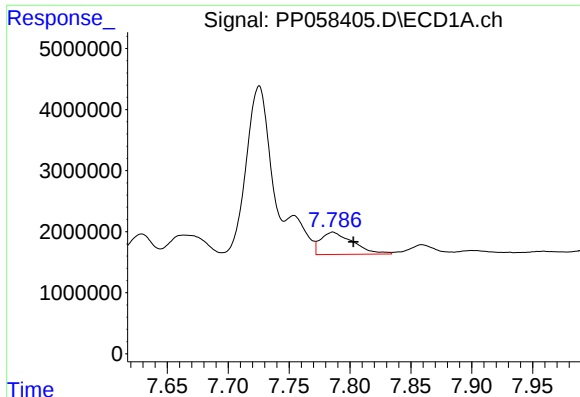
#32 AR-1260-2

R.T.: 7.438 min
Delta R.T.: -0.001 min
Response: 23064892
Conc: 276.52 ng/ml



#32 AR-1260-2

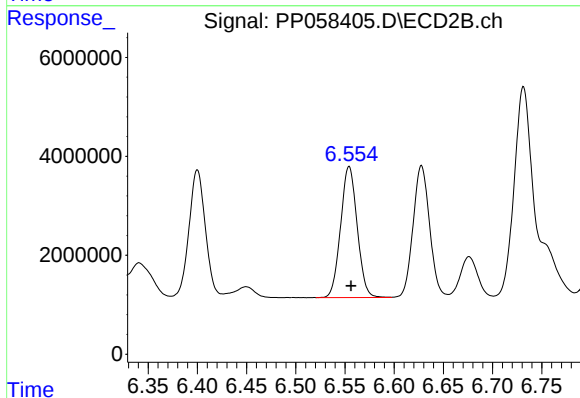
R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 30282819
Conc: 235.10 ng/ml



#33 AR-1260-3

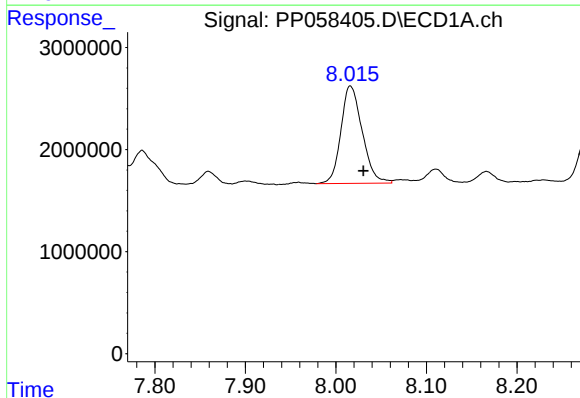
R.T.: 7.786 min
Delta R.T.: -0.017 min
Response: 6768602
Conc: 117.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



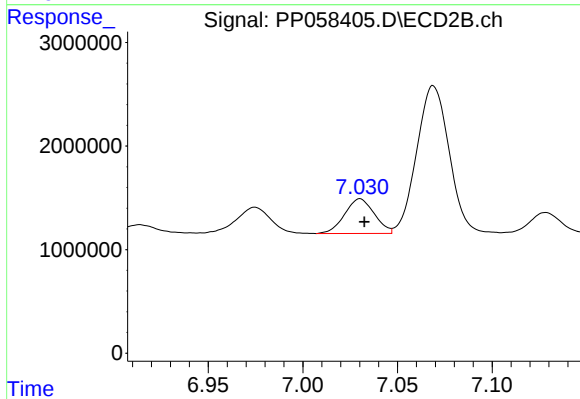
#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: -0.002 min
Response: 31041939
Conc: 251.71 ng/ml



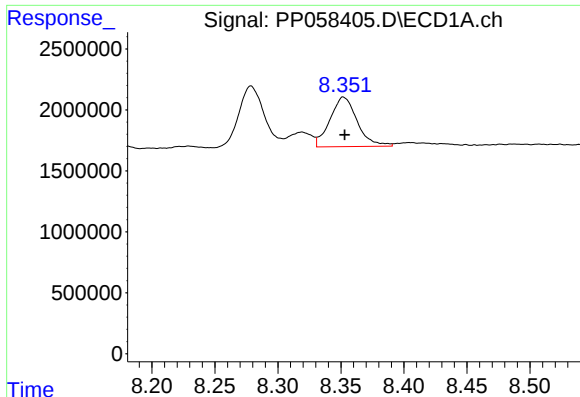
#34 AR-1260-4

R.T.: 8.016 min
Delta R.T.: -0.014 min
Response: 15602283
Conc: 230.88 ng/ml



#34 AR-1260-4

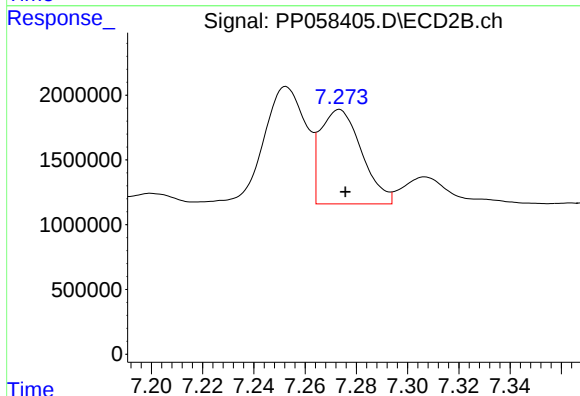
R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 3657547
Conc: 40.40 ng/ml



#35 AR-1260-5

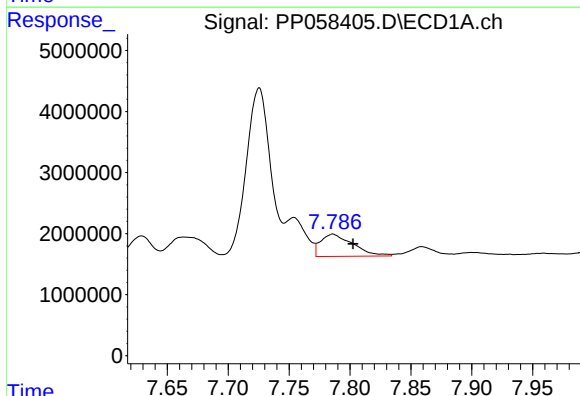
R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 6122186
Conc: 57.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



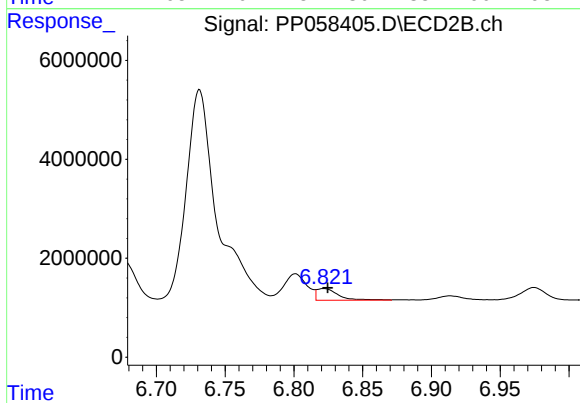
#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 8151257
Conc: 40.19 ng/ml



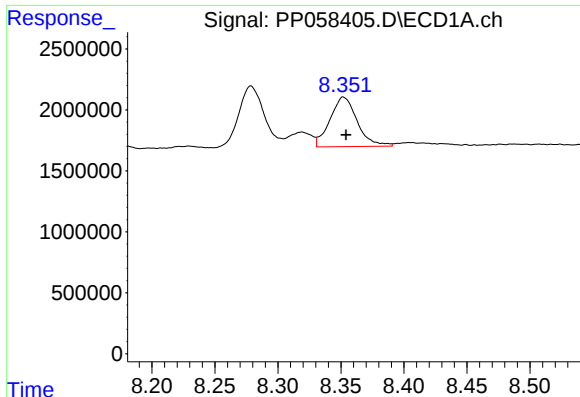
#36 AR-1262-1

R.T.: 7.786 min
Delta R.T.: -0.017 min
Response: 6768602
Conc: 73.58 ng/ml



#36 AR-1262-1

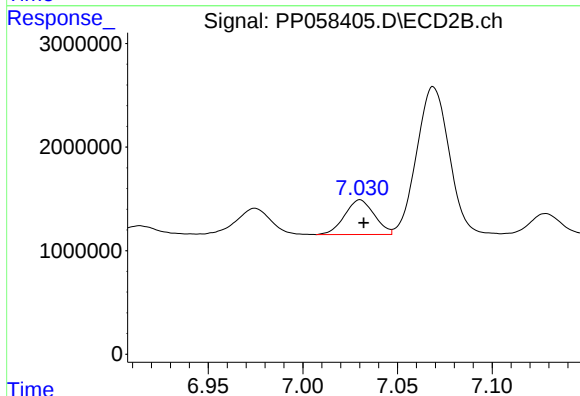
R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 2557039
Conc: 40.86 ng/ml



#37 AR-1262-2

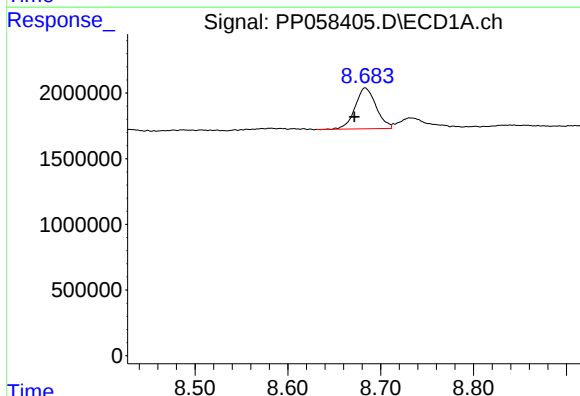
R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 6122186
Conc: 46.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



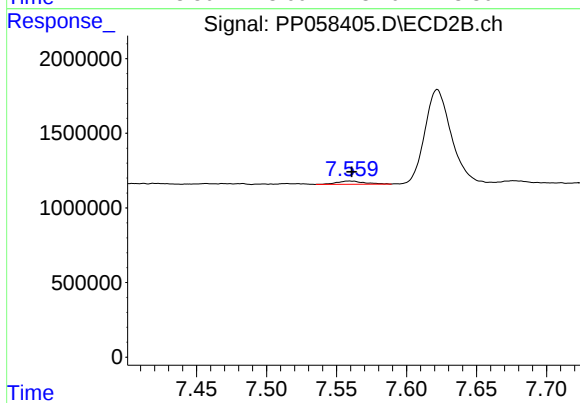
#37 AR-1262-2

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 3657547
Conc: 29.10 ng/ml



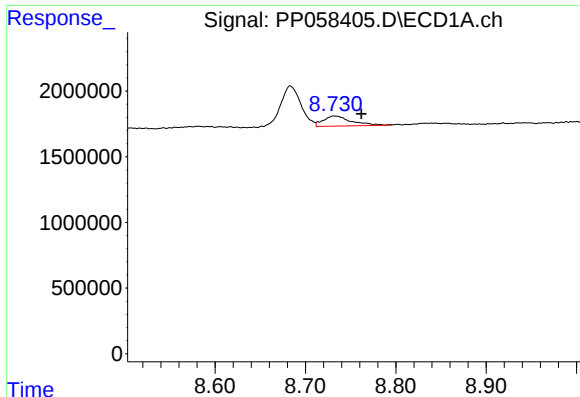
#38 AR-1262-3

R.T.: 8.683 min
Delta R.T.: 0.012 min
Response: 4884551
Conc: 51.77 ng/ml



#38 AR-1262-3

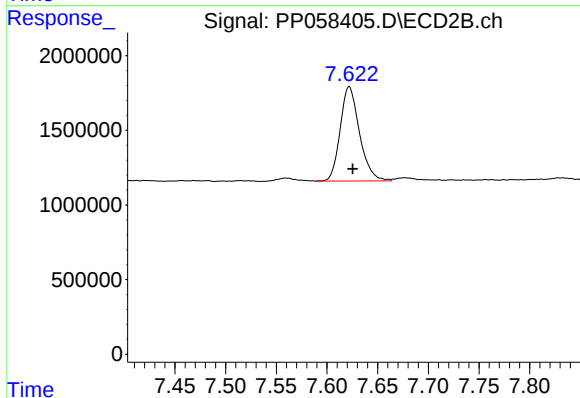
R.T.: 7.559 min
Delta R.T.: -0.001 min
Response: 298462
Conc: 3.01 ng/ml



#39 AR-1262-4

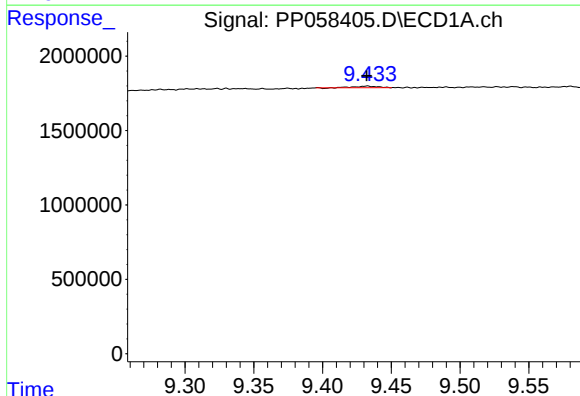
R.T.: 8.732 min
Delta R.T.: -0.030 min
Response: 1649548
Conc: 22.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



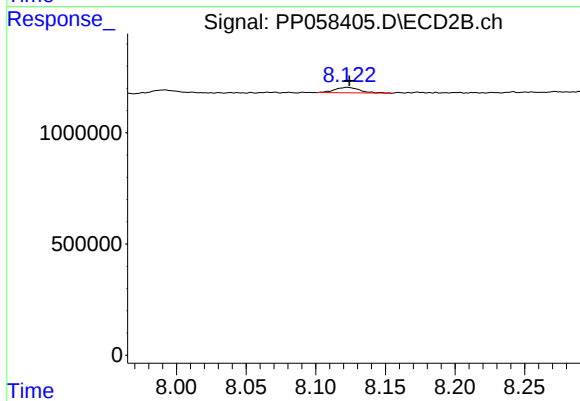
#39 AR-1262-4

R.T.: 7.622 min
Delta R.T.: -0.004 min
Response: 8384134
Conc: 46.36 ng/ml



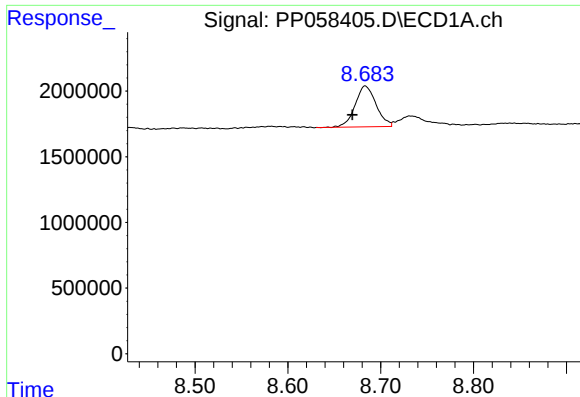
#40 AR-1262-5

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 119328
Conc: 2.69 ng/ml



#40 AR-1262-5

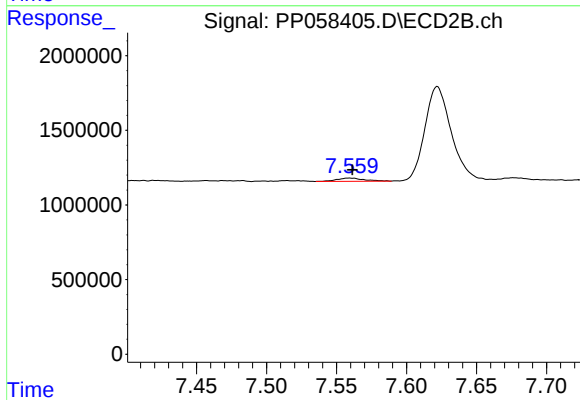
R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 304894
Conc: 3.78 ng/ml



#41 AR-1268-1

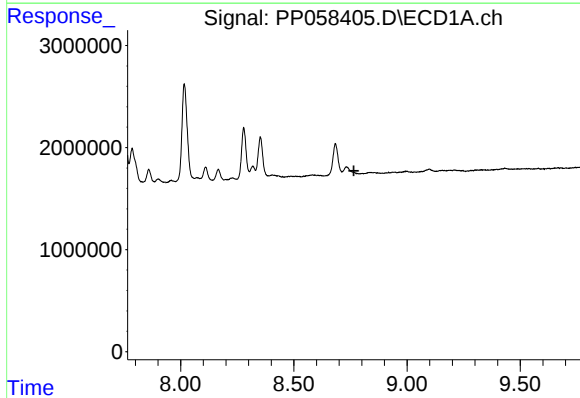
R.T.: 8.683 min
Delta R.T.: 0.014 min
Response: 4884551
Conc: 30.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



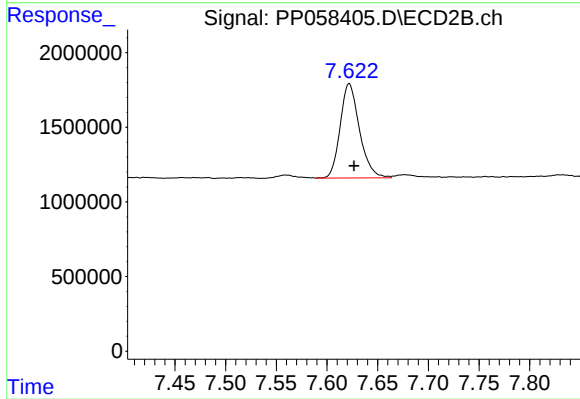
#41 AR-1268-1

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 298462
Conc: 1.08 ng/ml



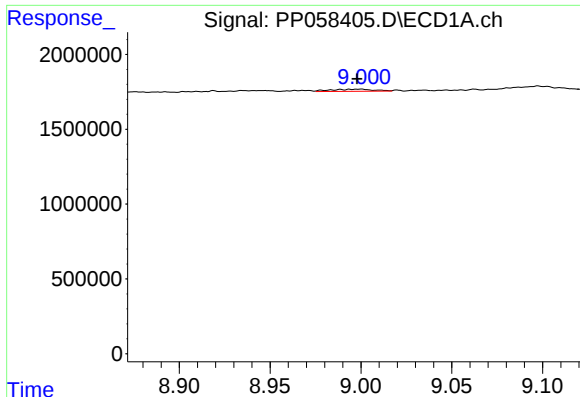
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#42 AR-1268-2

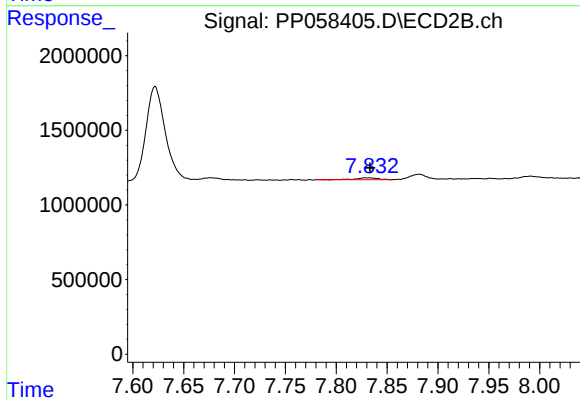
R.T.: 7.622 min
Delta R.T.: -0.005 min
Response: 8384134
Conc: 32.97 ng/ml



#43 AR-1268-3

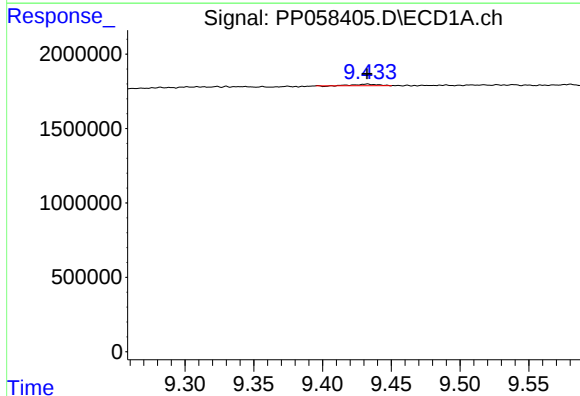
R.T.: 9.000 min
Delta R.T.: 0.002 min
Response: 230159
Conc: 1.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



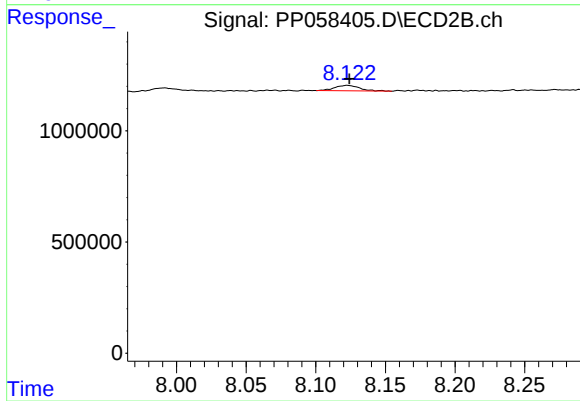
#43 AR-1268-3

R.T.: 7.832 min
Delta R.T.: -0.001 min
Response: 177910
Conc: 0.83 ng/ml



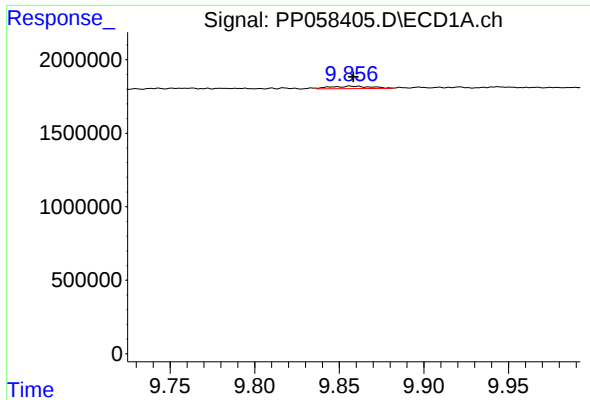
#44 AR-1268-4

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 119328
Conc: 2.52 ng/ml



#44 AR-1268-4

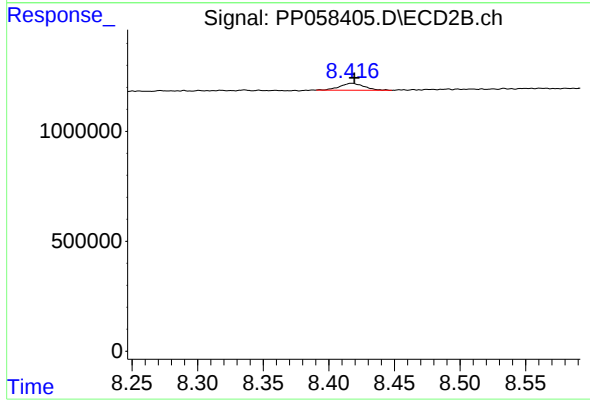
R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 304894
Conc: 3.49 ng/ml



#45 AR-1268-5

R.T.: 9.857 min
Delta R.T.: -0.002 min
Response: 272376
Conc: 0.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 404040
Conc: 0.70 ng/ml