

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071423\
 Data File : PP058732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2023 17:48
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 05:43:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jul 02 11:11:10 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...	4.439	3.670	81855232	128.0E6	50.330	56.962
2)	SA Decachlor...	10.246	8.722	60201636	91222961	51.138	50.316
Target Compounds							
3)	L1 AR-1016-1	5.615	4.767	24650300	39313631	488.063	554.373
4)	L1 AR-1016-2	5.638	4.786	35913938	56437059	486.731	553.479
5)	L1 AR-1016-3	5.700	4.963	22325650	29417652	482.251	551.143
6)	L1 AR-1016-4	5.799	5.006	17649317	24703737	475.549	535.776
7)	L1 AR-1016-5	6.096	5.220	17835508	30653347	458.637	519.667
8)	L2 AR-1221-1	4.642	3.886	2757100	4160913	138.017	146.398
9)	L2 AR-1221-2	4.735	3.973	3846299	6105484	254.272	284.216
10)	L2 AR-1221-3	4.812	4.050	14016417	22925101	314.089	349.456
11)	L3 AR-1232-1	4.812	4.050	14016417	22925101	417.404	478.409
12)	L3 AR-1232-2	5.346	4.786	19666285	56437059	1011.001	1172.191
13)	L3 AR-1232-3	5.638	4.963	35913938	29417652	1055.186	1151.906
14)	L3 AR-1232-4	5.799	5.048	17649317	29868242	1021.863	1221.721
15)	L3 AR-1232-5	5.891	5.220	15865409	30653347	1094.929	952.905
16)	L4 AR-1242-1	5.615	4.767	24650300	39313631	621.423	676.907
17)	L4 AR-1242-2	5.638	4.786	35913938	56437059	623.587	685.237
18)	L4 AR-1242-3	5.700	4.963	22325650	29417652	609.770	676.804
19)	L4 AR-1242-4	5.799	5.048	17649317	29868242	605.435	649.553
20)	L4 AR-1242-5	6.541	5.575	2190384	24251153	77.542	423.769 #
21)	L5 AR-1248-1	5.615	4.767	24650300	39313631	762.712	849.594
22)	L5 AR-1248-2	5.891	5.006	15865409	24703737	324.454	358.348
23)	L5 AR-1248-3	6.096	5.048	17835508	29868242	330.386	422.175 #
24)	L5 AR-1248-4	6.500	5.220	2356228	30653347	42.047	367.652 #
25)	L5 AR-1248-5	6.541	5.616	2190384	3604096	40.771	46.979
26)	L6 AR-1254-1	6.475	5.575	13564610	24251153	233.464	199.462
27)	L6 AR-1254-2	6.694	5.723	14524116	23199462	167.585	210.863 #
28)	L6 AR-1254-3	7.062	6.111	7782767	8916972	87.829	53.468 #
29)	L6 AR-1254-4	7.348	6.359	4742237	3813967	80.286	39.498 #
30)	L6 AR-1254-5	7.768	6.779	43821396	72535946	647.170	460.361 #
31)	L7 AR-1260-1	7.228	6.261	32256034	55990091	459.726	486.092
32)	L7 AR-1260-2	7.484	6.450	36628316	65010639	468.628	475.721
33)	L7 AR-1260-3	7.846	6.604	24890237	60865023	478.963	477.472
34)	L7 AR-1260-4	8.071	7.078	29934772	43061107	481.350	466.523
35)	L7 AR-1260-5	8.395	7.321	54582547	93123324	493.400	475.772
36)	L8 AR-1262-1	7.846	6.871	24890237	24244333	293.013	345.646
37)	L8 AR-1262-2	8.395	7.078	54582547	43061107	390.686	287.696 #
38)	L8 AR-1262-3	8.723f	7.606	35928106	19113880	365.600	169.296 #
39)	L8 AR-1262-4	8.800	7.669	9098262	67734757	117.690	332.816 #
40)	L8 AR-1262-5	9.471	8.166	13311370	20536292	282.449	247.030
41)	L9 AR-1268-1	8.723f	7.606	35928106	19113880	211.240	59.620 #

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 Acq On : 14 Jul 2023 17:48
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

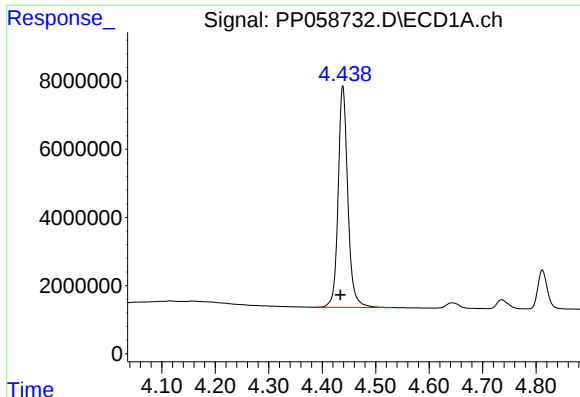
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 05:43:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jul 02 11:11:10 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
42) L9	AR-1268-2	8.800	7.669	9098262	67734757	59.433	237.397 #
43) L9	AR-1268-3	9.040	7.879	1081333	1689335	8.020	6.652
44) L9	AR-1268-4	9.471	8.166	13311370	20536292	272.576	227.213
45) L9	AR-1268-5	9.896	8.461	5031404	7381378	12.276	10.257

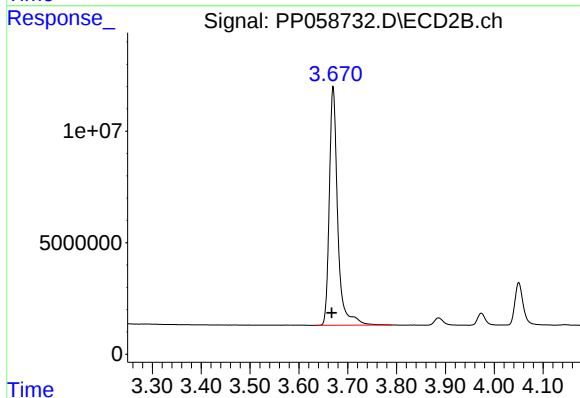
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

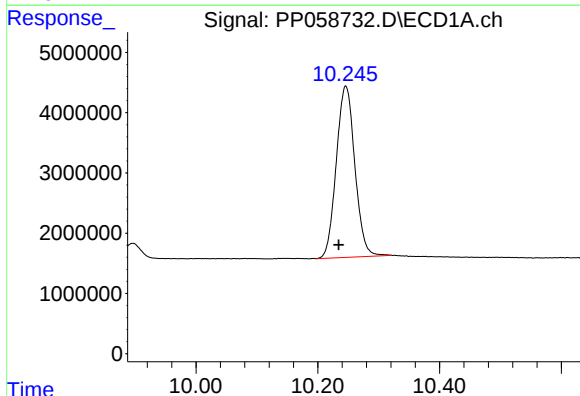
R.T.: 4.439 min
Delta R.T.: 0.005 min
Response: 81855232
Conc: 50.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



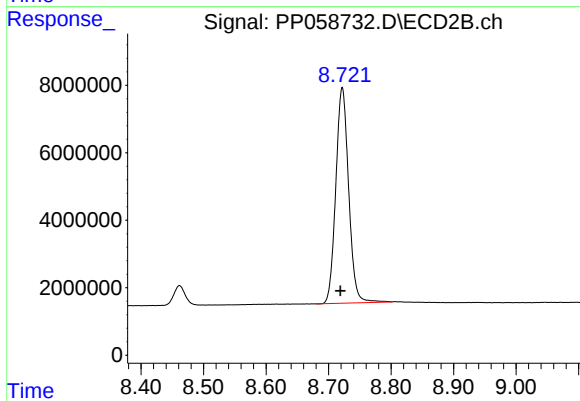
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: 0.003 min
Response: 127959415
Conc: 56.96 ng/ml



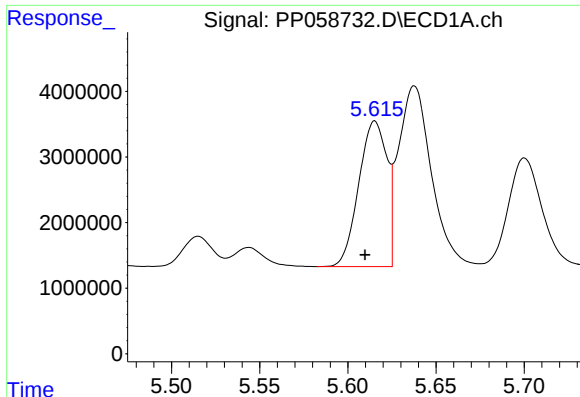
#2 Decachlorobiphenyl

R.T.: 10.246 min
Delta R.T.: 0.011 min
Response: 60201636
Conc: 51.14 ng/ml



#2 Decachlorobiphenyl

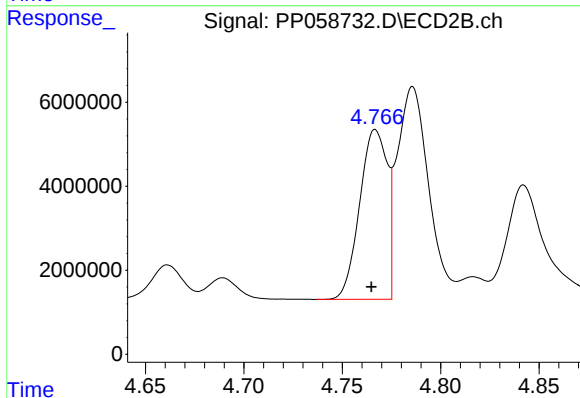
R.T.: 8.722 min
Delta R.T.: 0.003 min
Response: 91222961
Conc: 50.32 ng/ml



#3 AR-1016-1

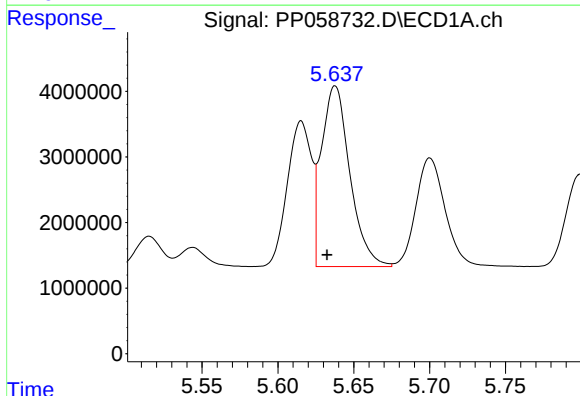
R.T.: 5.615 min
Delta R.T.: 0.006 min
Response: 24650300
Conc: 488.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



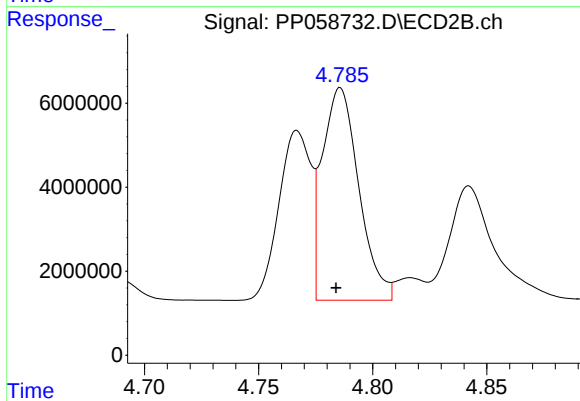
#3 AR-1016-1

R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 39313631
Conc: 554.37 ng/ml



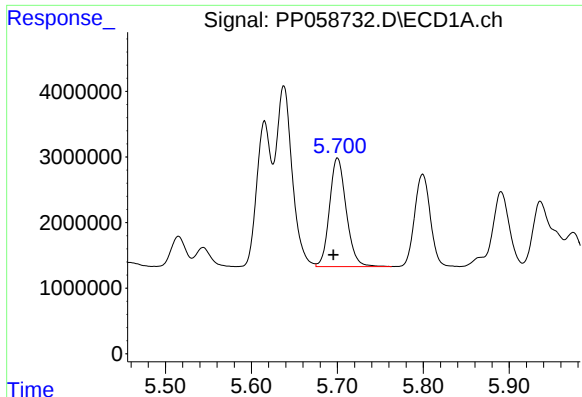
#4 AR-1016-2

R.T.: 5.638 min
Delta R.T.: 0.005 min
Response: 35913938
Conc: 486.73 ng/ml



#4 AR-1016-2

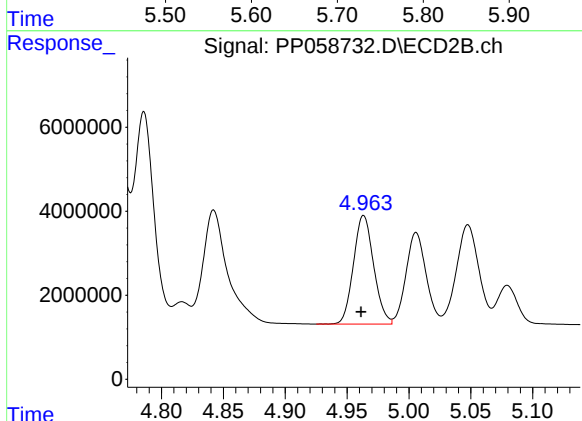
R.T.: 4.786 min
Delta R.T.: 0.002 min
Response: 56437059
Conc: 553.48 ng/ml



#5 AR-1016-3

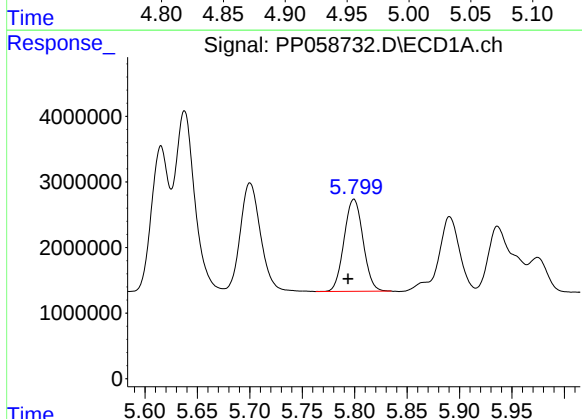
R.T.: 5.700 min
Delta R.T.: 0.005 min
Response: 22325650
Conc: 482.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



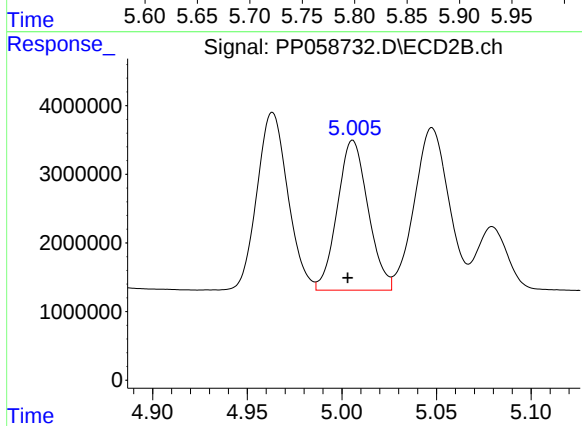
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 29417652
Conc: 551.14 ng/ml



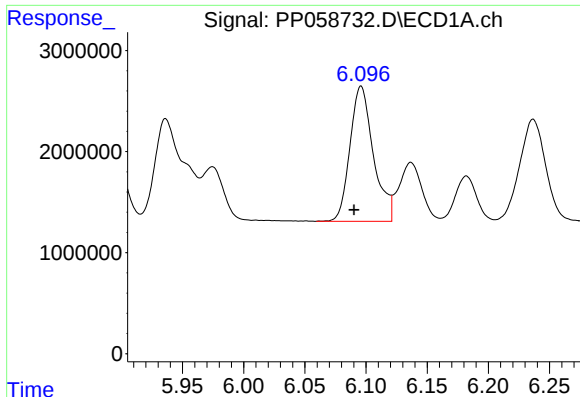
#6 AR-1016-4

R.T.: 5.799 min
Delta R.T.: 0.006 min
Response: 17649317
Conc: 475.55 ng/ml



#6 AR-1016-4

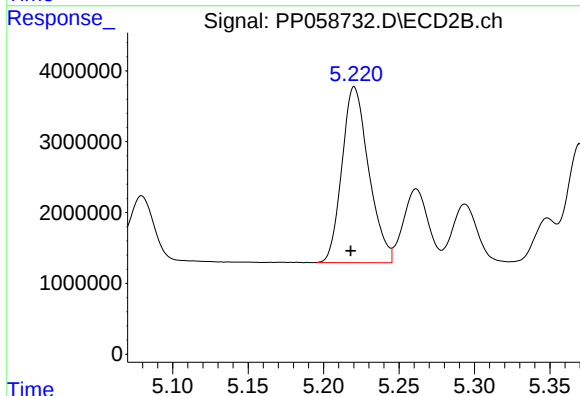
R.T.: 5.006 min
Delta R.T.: 0.003 min
Response: 24703737
Conc: 535.78 ng/ml



#7 AR-1016-5

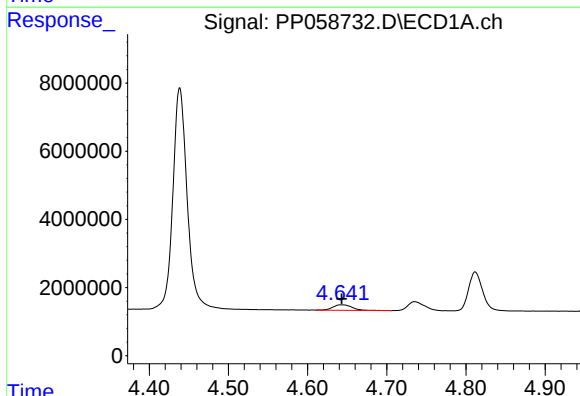
R.T.: 6.096 min
Delta R.T.: 0.006 min
Response: 17835508
Conc: 458.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



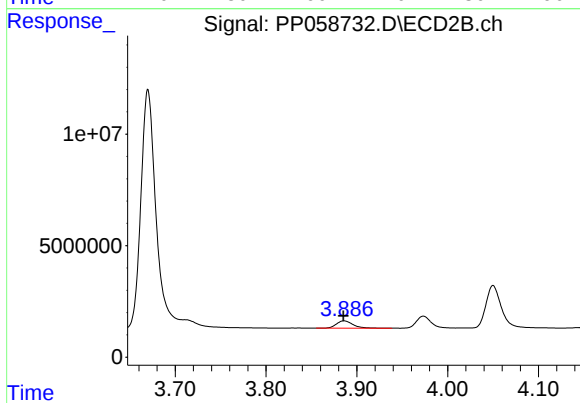
#7 AR-1016-5

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 30653347
Conc: 519.67 ng/ml



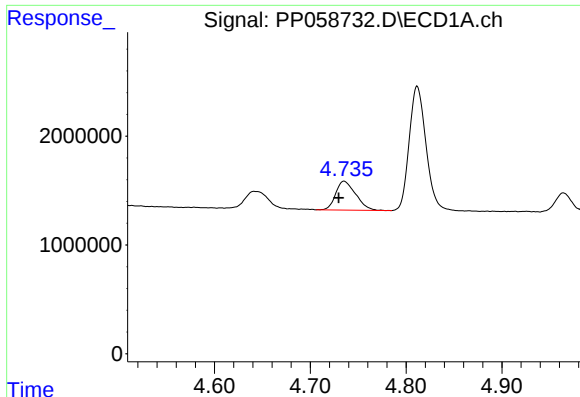
#8 AR-1221-1

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 2757100
Conc: 138.02 ng/ml



#8 AR-1221-1

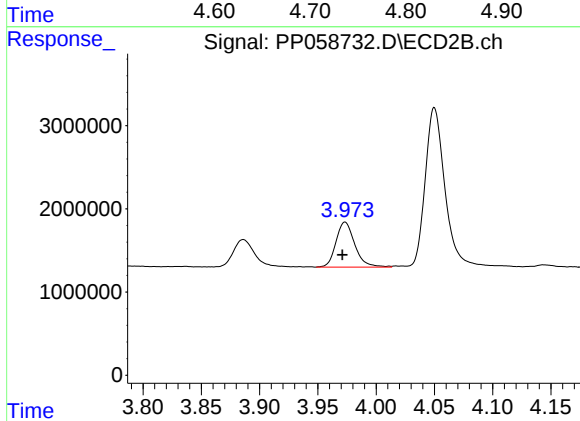
R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 4160913
Conc: 146.40 ng/ml



#9 AR-1221-2

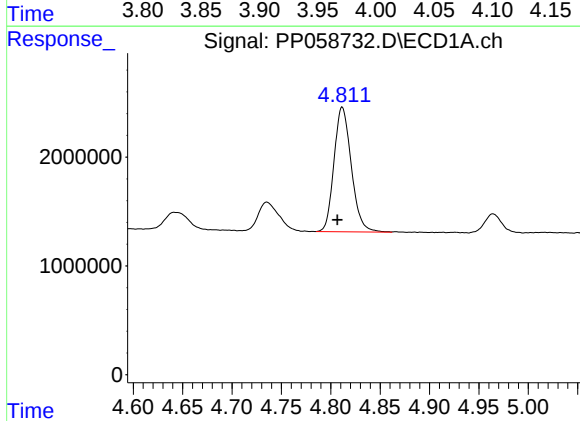
R.T.: 4.735 min
Delta R.T.: 0.005 min
Response: 3846299
Conc: 254.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



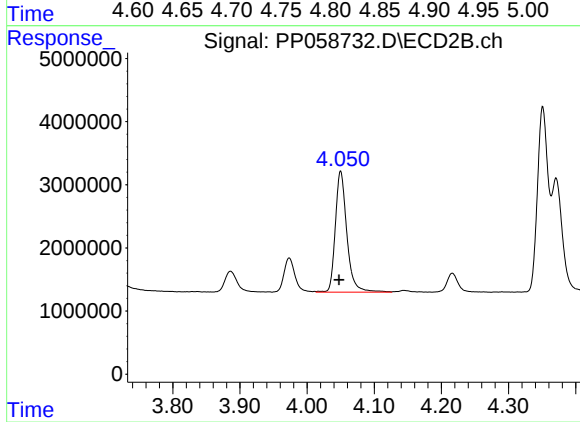
#9 AR-1221-2

R.T.: 3.973 min
Delta R.T.: 0.002 min
Response: 6105484
Conc: 284.22 ng/ml



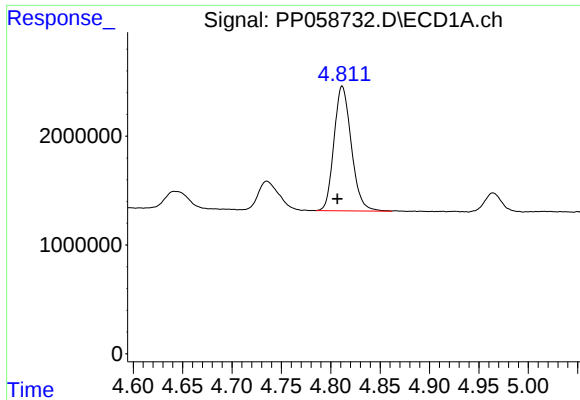
#10 AR-1221-3

R.T.: 4.812 min
Delta R.T.: 0.005 min
Response: 14016417
Conc: 314.09 ng/ml



#10 AR-1221-3

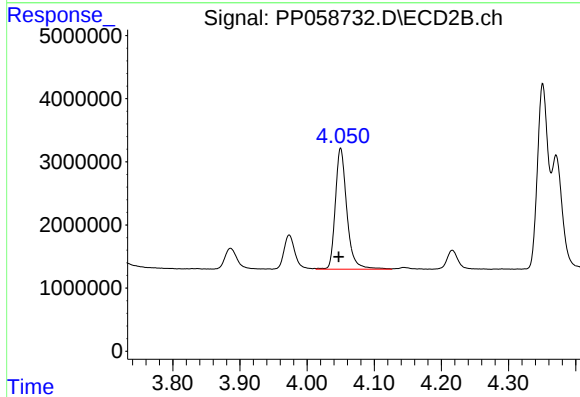
R.T.: 4.050 min
Delta R.T.: 0.002 min
Response: 22925101
Conc: 349.46 ng/ml



#11 AR-1232-1

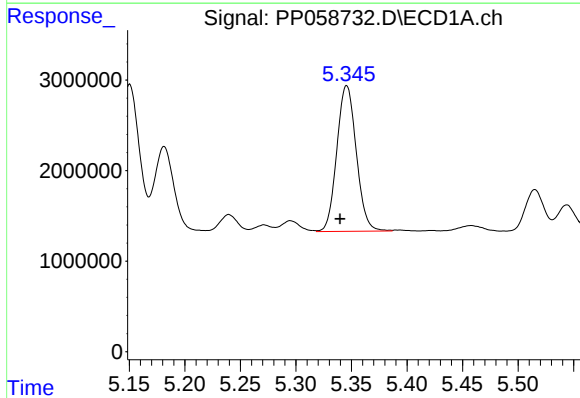
R.T.: 4.812 min
Delta R.T.: 0.005 min
Response: 14016417
Conc: 417.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



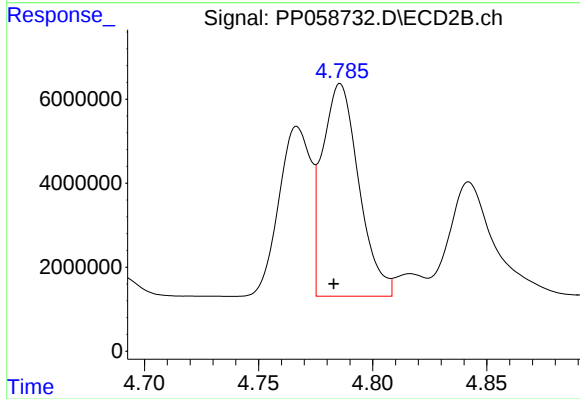
#11 AR-1232-1

R.T.: 4.050 min
Delta R.T.: 0.003 min
Response: 22925101
Conc: 478.41 ng/ml



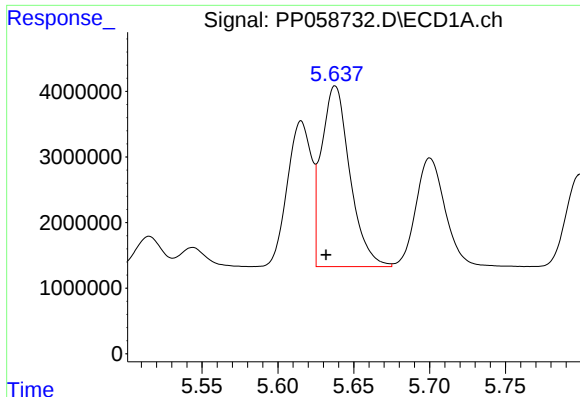
#12 AR-1232-2

R.T.: 5.346 min
Delta R.T.: 0.006 min
Response: 19666285
Conc: 1011.00 ng/ml



#12 AR-1232-2

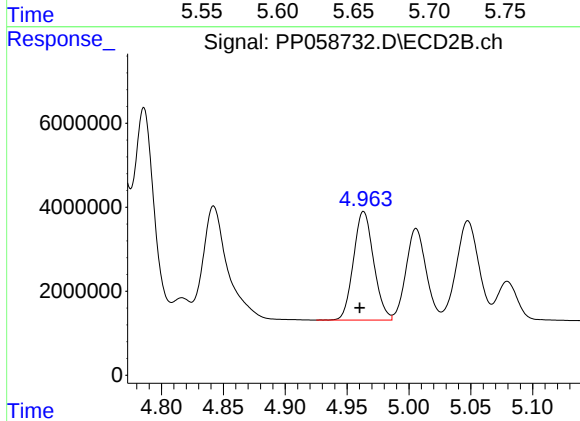
R.T.: 4.786 min
Delta R.T.: 0.003 min
Response: 56437059
Conc: 1172.19 ng/ml



#13 AR-1232-3

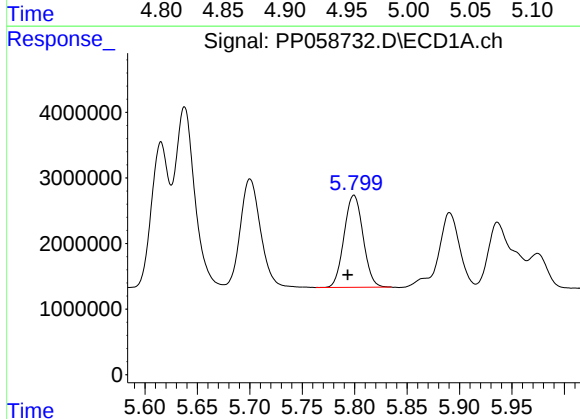
R.T.: 5.638 min
Delta R.T.: 0.006 min
Response: 35913938
Conc: 1055.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



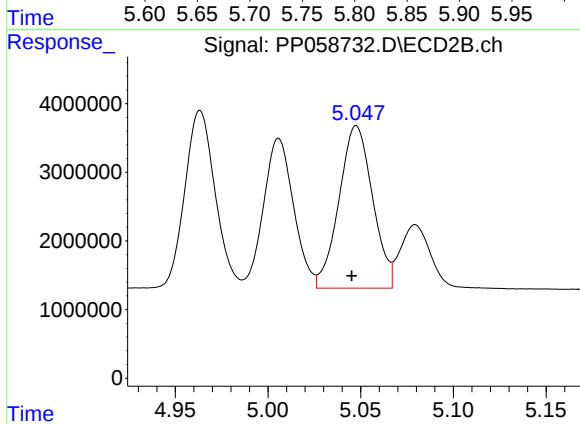
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 29417652
Conc: 1151.91 ng/ml



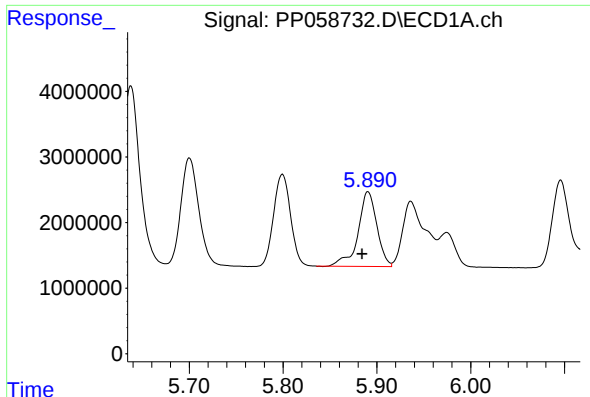
#14 AR-1232-4

R.T.: 5.799 min
Delta R.T.: 0.006 min
Response: 17649317
Conc: 1021.86 ng/ml



#14 AR-1232-4

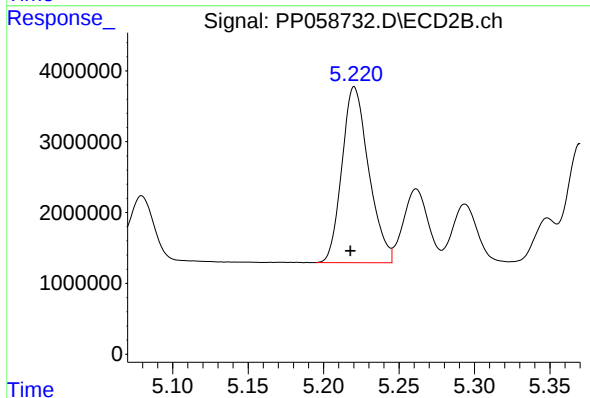
R.T.: 5.048 min
Delta R.T.: 0.002 min
Response: 29868242
Conc: 1221.72 ng/ml



#15 AR-1232-5

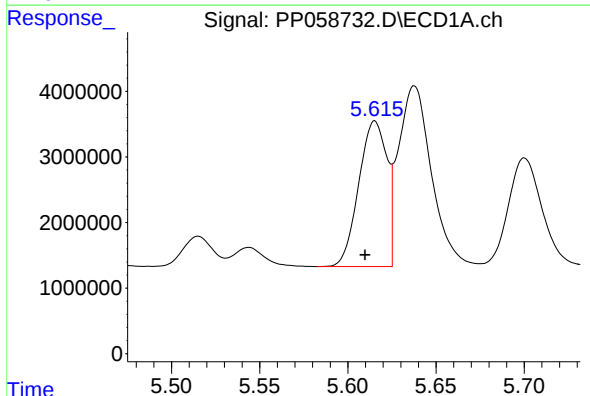
R.T.: 5.891 min
Delta R.T.: 0.006 min
Response: 15865409
Conc: 1094.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



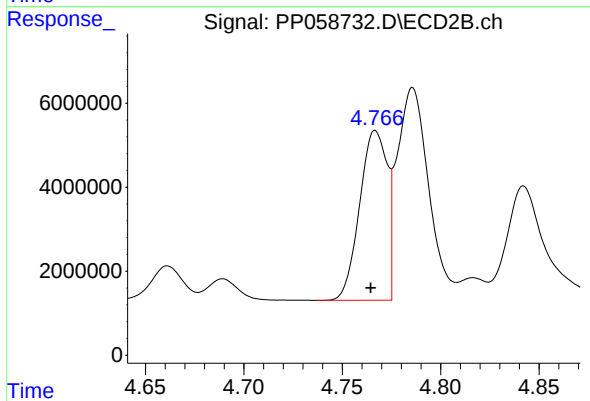
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: 0.003 min
Response: 30653347
Conc: 952.91 ng/ml



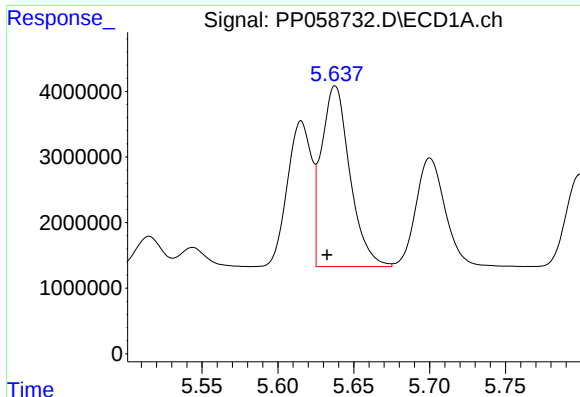
#16 AR-1242-1

R.T.: 5.615 min
Delta R.T.: 0.006 min
Response: 24650300
Conc: 621.42 ng/ml



#16 AR-1242-1

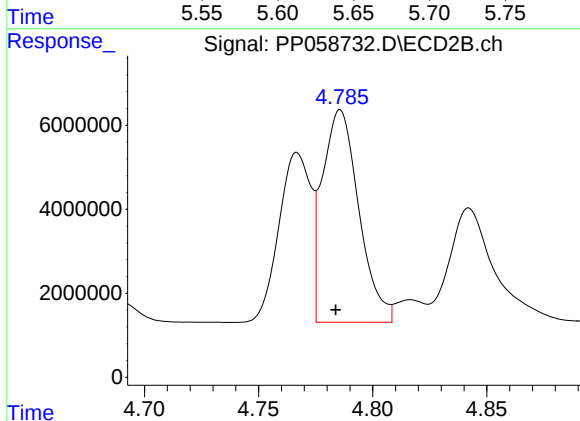
R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 39313631
Conc: 676.91 ng/ml



#17 AR-1242-2

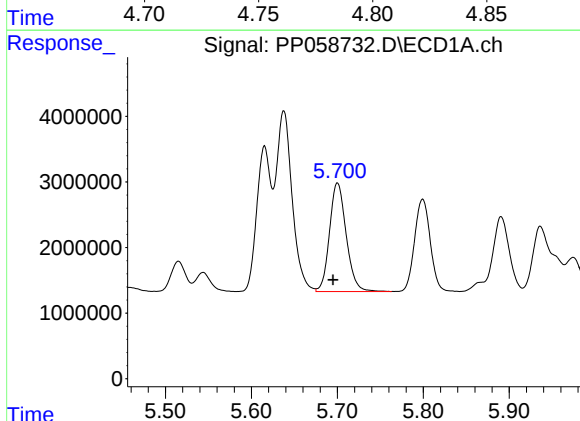
R.T.: 5.638 min
Delta R.T.: 0.005 min
Response: 35913938
Conc: 623.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



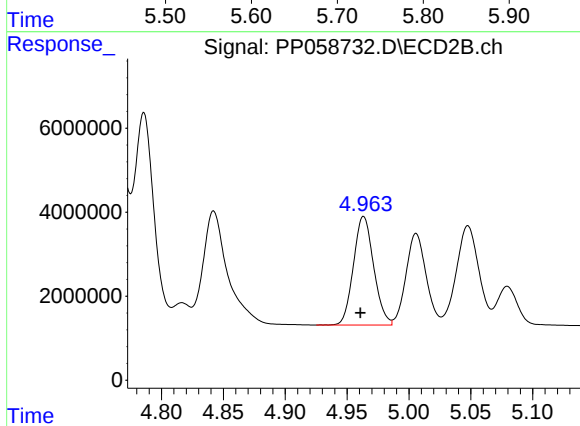
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: 0.002 min
Response: 56437059
Conc: 685.24 ng/ml



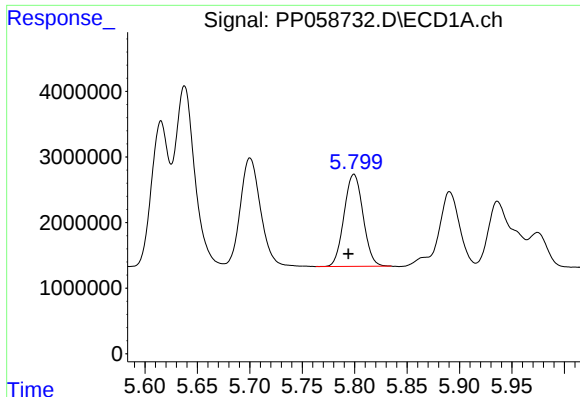
#18 AR-1242-3

R.T.: 5.700 min
Delta R.T.: 0.005 min
Response: 22325650
Conc: 609.77 ng/ml



#18 AR-1242-3

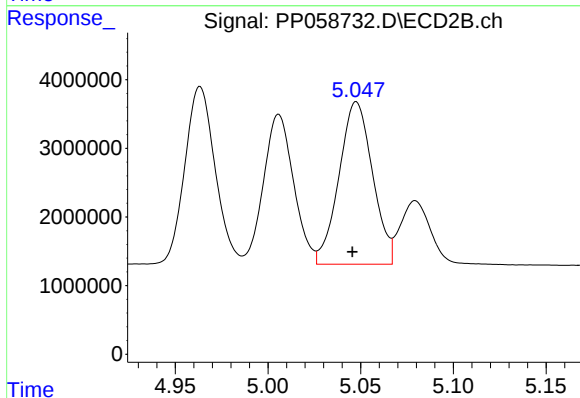
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 29417652
Conc: 676.80 ng/ml



#19 AR-1242-4

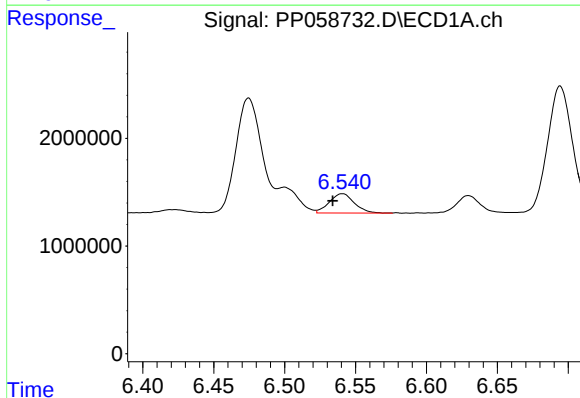
R.T.: 5.799 min
Delta R.T.: 0.005 min
Response: 17649317
Conc: 605.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



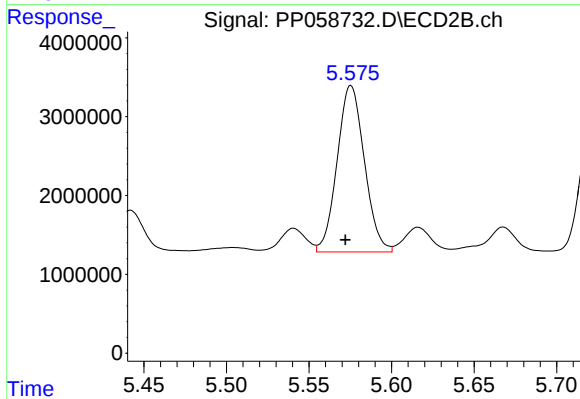
#19 AR-1242-4

R.T.: 5.048 min
Delta R.T.: 0.002 min
Response: 29868242
Conc: 649.55 ng/ml



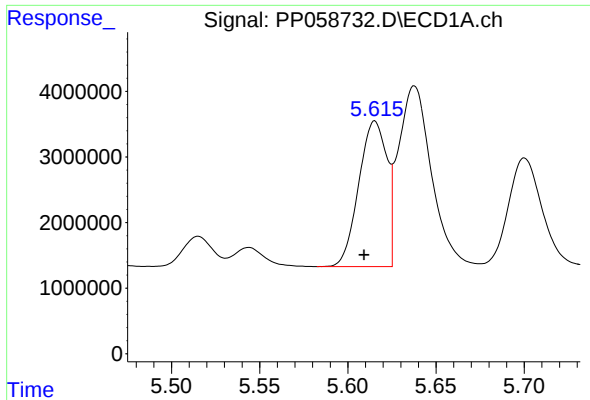
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: 0.007 min
Response: 2190384
Conc: 77.54 ng/ml



#20 AR-1242-5

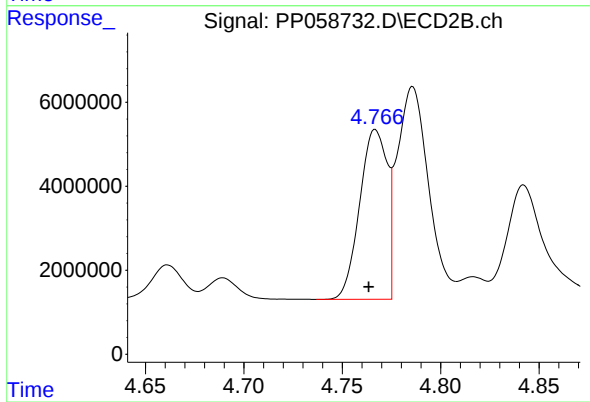
R.T.: 5.575 min
Delta R.T.: 0.003 min
Response: 24251153
Conc: 423.77 ng/ml



#21 AR-1248-1

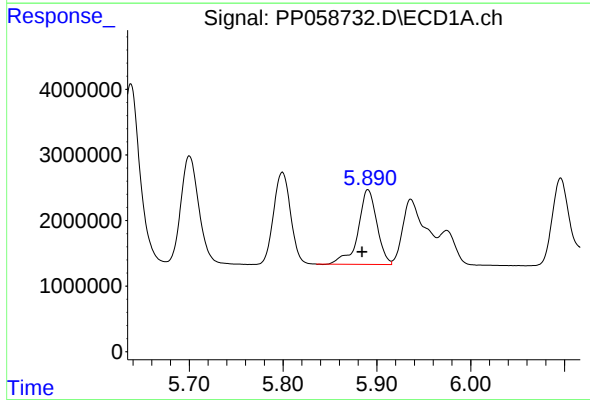
R.T.: 5.615 min
Delta R.T.: 0.006 min
Response: 24650300
Conc: 762.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



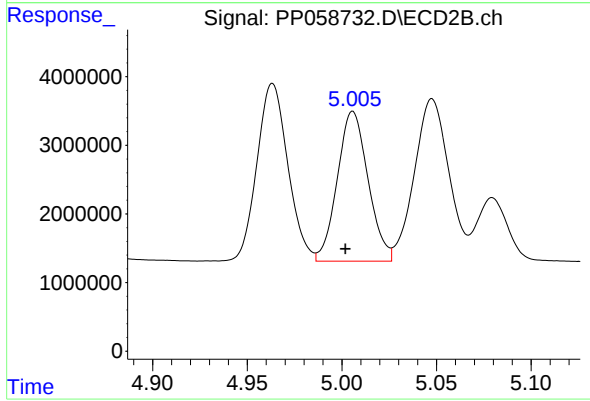
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: 0.004 min
Response: 39313631
Conc: 849.59 ng/ml



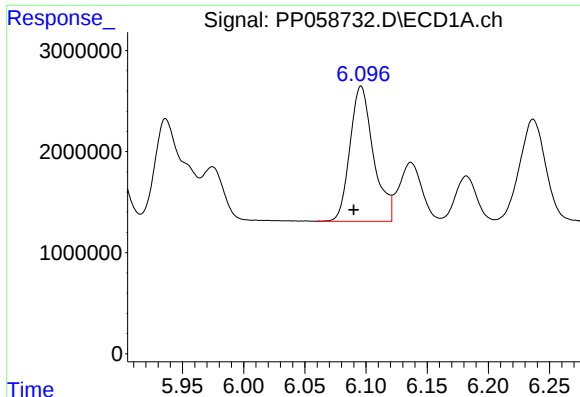
#22 AR-1248-2

R.T.: 5.891 min
Delta R.T.: 0.006 min
Response: 15865409
Conc: 324.45 ng/ml



#22 AR-1248-2

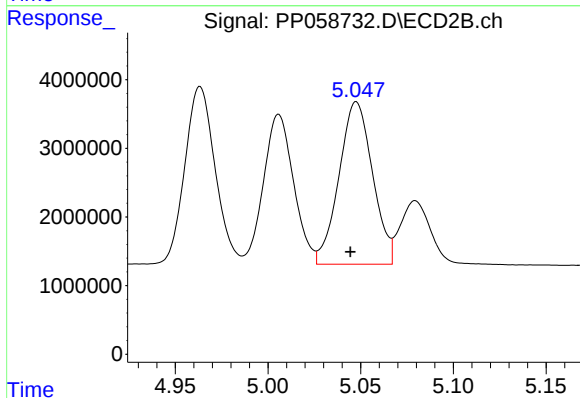
R.T.: 5.006 min
Delta R.T.: 0.004 min
Response: 24703737
Conc: 358.35 ng/ml



#23 AR-1248-3

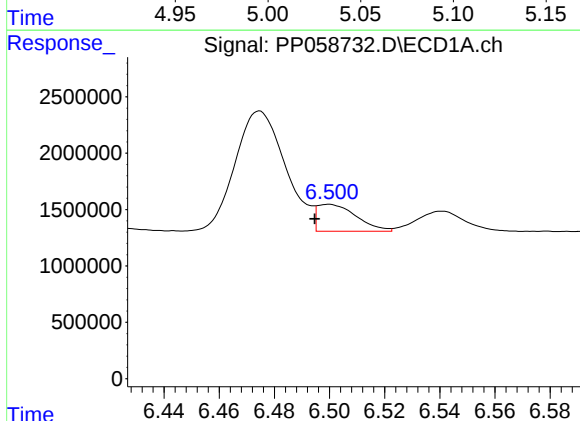
R.T.: 6.096 min
Delta R.T.: 0.006 min
Response: 17835508
Conc: 330.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



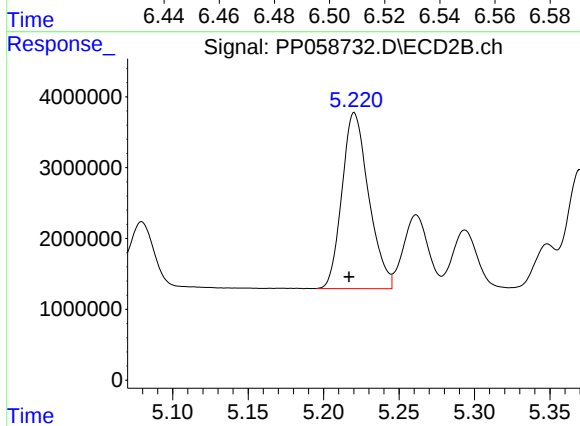
#23 AR-1248-3

R.T.: 5.048 min
Delta R.T.: 0.003 min
Response: 29868242
Conc: 422.17 ng/ml



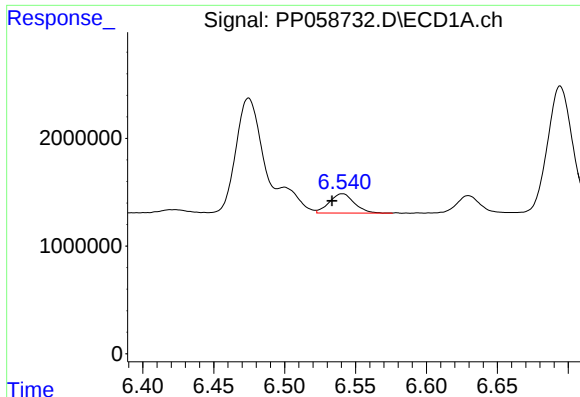
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.005 min
Response: 2356228
Conc: 42.05 ng/ml



#24 AR-1248-4

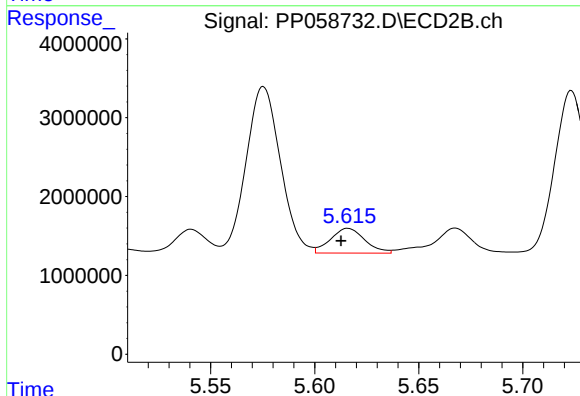
R.T.: 5.220 min
Delta R.T.: 0.004 min
Response: 30653347
Conc: 367.65 ng/ml



#25 AR-1248-5

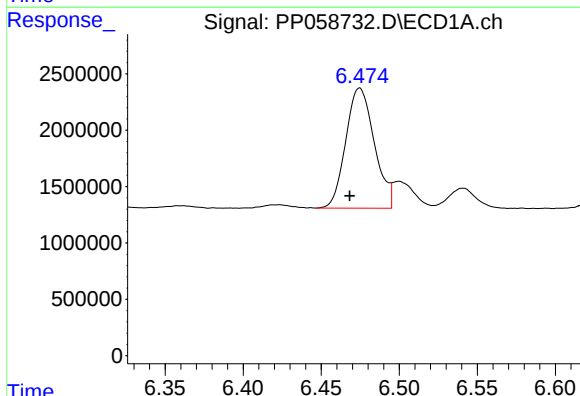
R.T.: 6.541 min
Delta R.T.: 0.007 min
Response: 2190384
Conc: 40.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



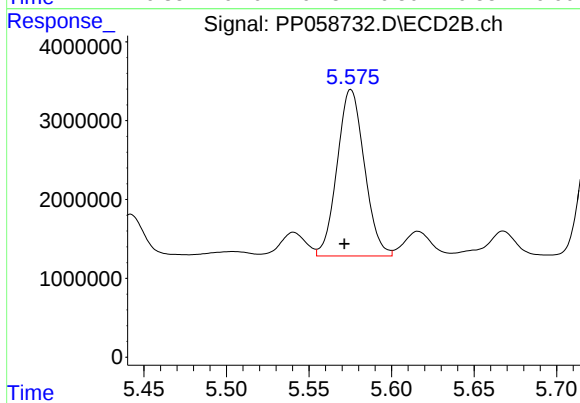
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 3604096
Conc: 46.98 ng/ml



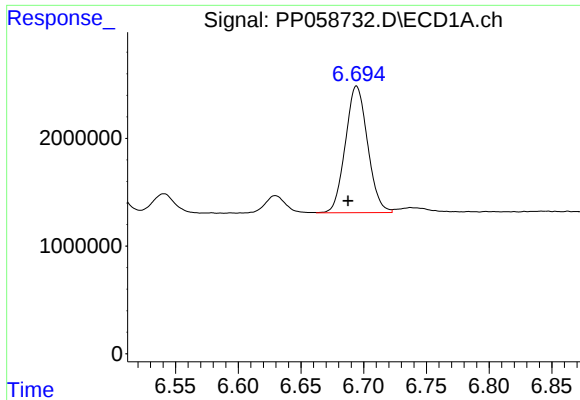
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: 0.006 min
Response: 13564610
Conc: 233.46 ng/ml



#26 AR-1254-1

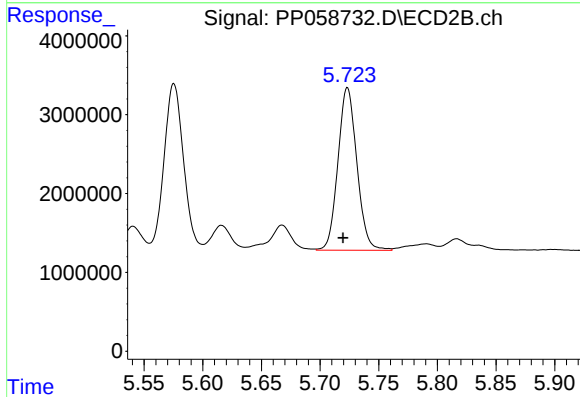
R.T.: 5.575 min
Delta R.T.: 0.004 min
Response: 24251153
Conc: 199.46 ng/ml



#27 AR-1254-2

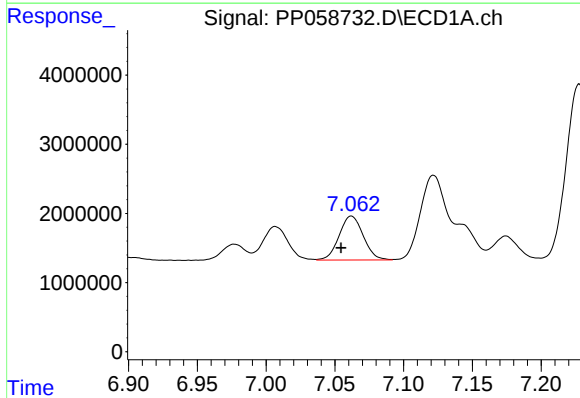
R.T.: 6.694 min
Delta R.T.: 0.007 min
Response: 14524116
Conc: 167.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



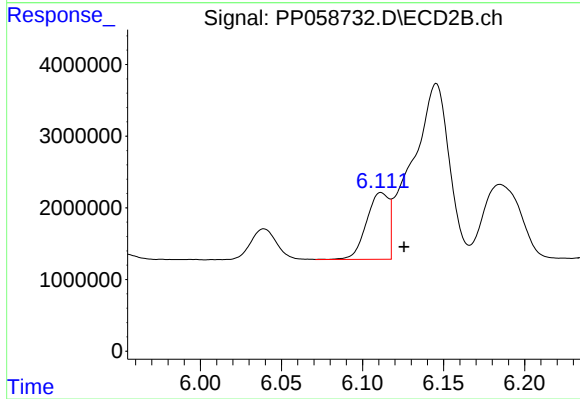
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: 0.004 min
Response: 23199462
Conc: 210.86 ng/ml



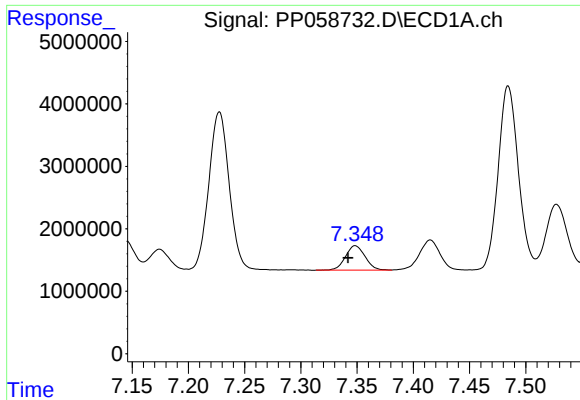
#28 AR-1254-3

R.T.: 7.062 min
Delta R.T.: 0.007 min
Response: 7782767
Conc: 87.83 ng/ml



#28 AR-1254-3

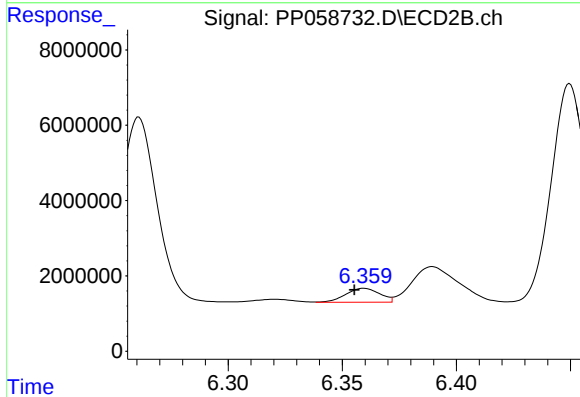
R.T.: 6.111 min
Delta R.T.: -0.014 min
Response: 8916972
Conc: 53.47 ng/ml



#29 AR-1254-4

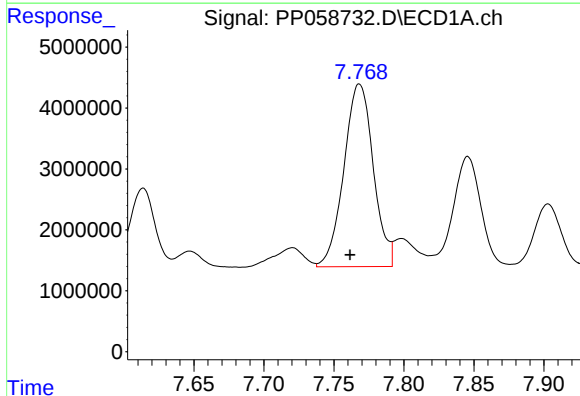
R.T.: 7.348 min
Delta R.T.: 0.006 min
Response: 4742237
Conc: 80.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



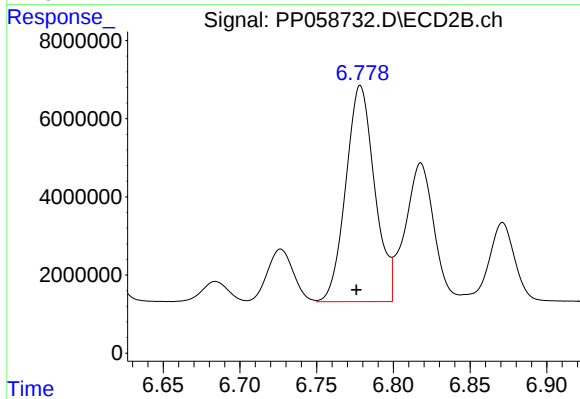
#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: 0.004 min
Response: 3813967
Conc: 39.50 ng/ml



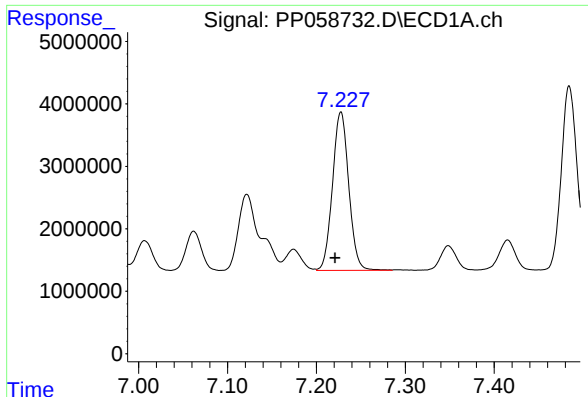
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: 0.007 min
Response: 43821396
Conc: 647.17 ng/ml



#30 AR-1254-5

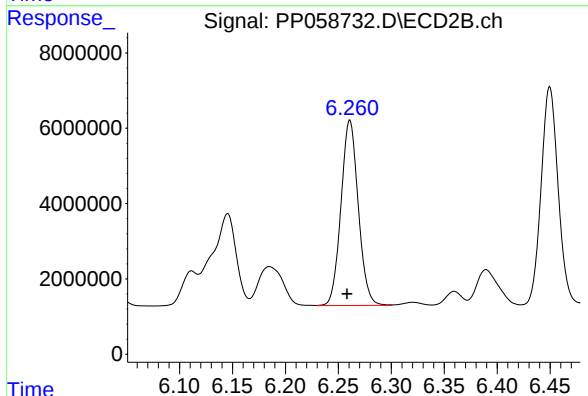
R.T.: 6.779 min
Delta R.T.: 0.003 min
Response: 72535946
Conc: 460.36 ng/ml



#31 AR-1260-1

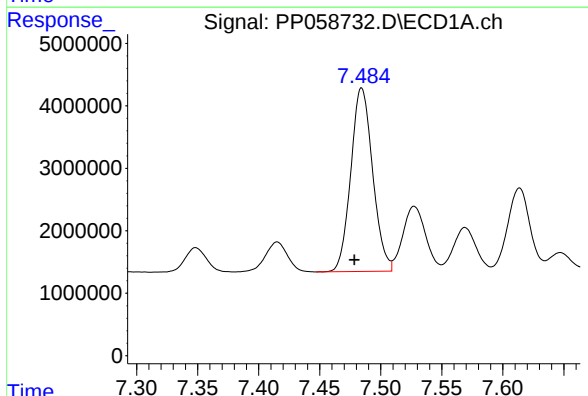
R.T.: 7.228 min
Delta R.T.: 0.007 min
Response: 32256034
Conc: 459.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



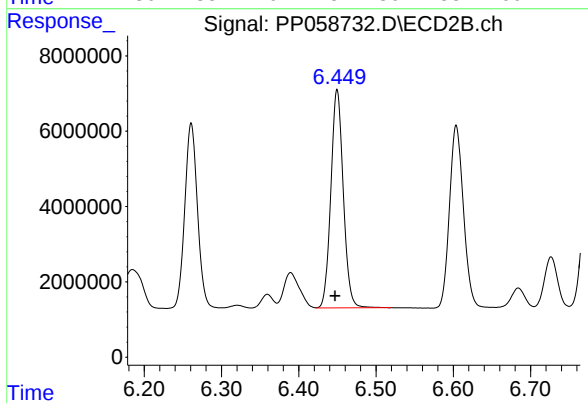
#31 AR-1260-1

R.T.: 6.261 min
Delta R.T.: 0.003 min
Response: 55990091
Conc: 486.09 ng/ml



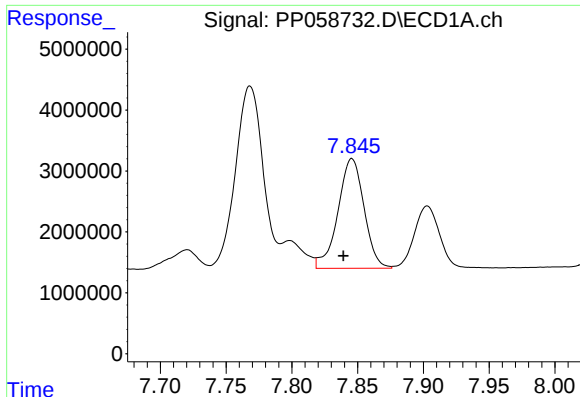
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 36628316
Conc: 468.63 ng/ml



#32 AR-1260-2

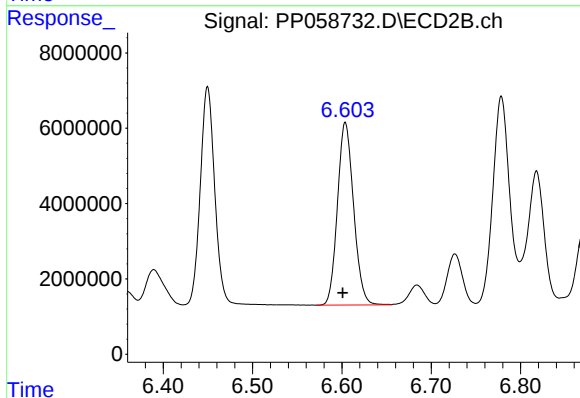
R.T.: 6.450 min
Delta R.T.: 0.003 min
Response: 65010639
Conc: 475.72 ng/ml



#33 AR-1260-3

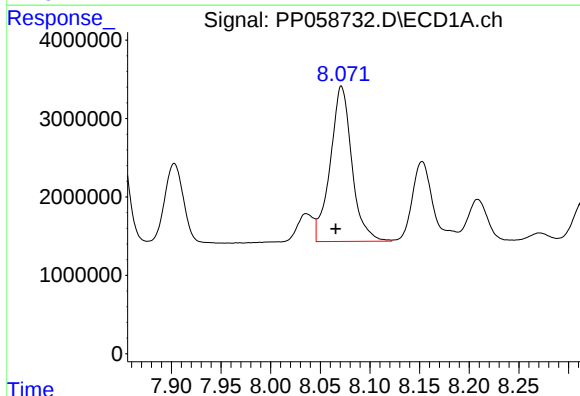
R.T.: 7.846 min
Delta R.T.: 0.006 min
Response: 24890237
Conc: 478.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



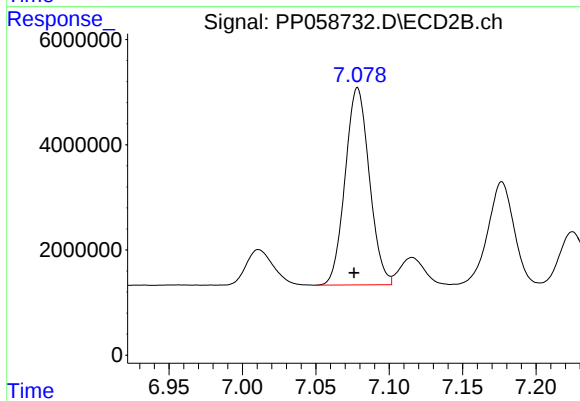
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: 0.003 min
Response: 60865023
Conc: 477.47 ng/ml



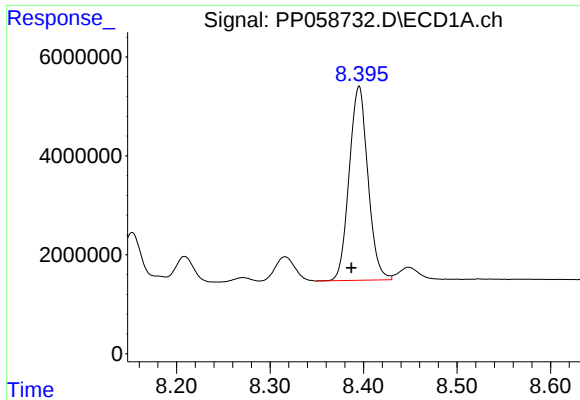
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.006 min
Response: 29934772
Conc: 481.35 ng/ml



#34 AR-1260-4

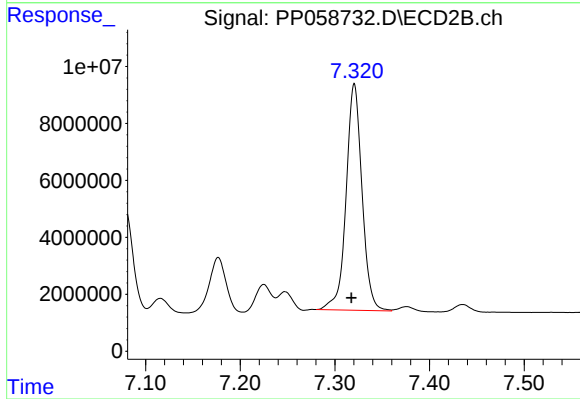
R.T.: 7.078 min
Delta R.T.: 0.002 min
Response: 43061107
Conc: 466.52 ng/ml



#35 AR-1260-5

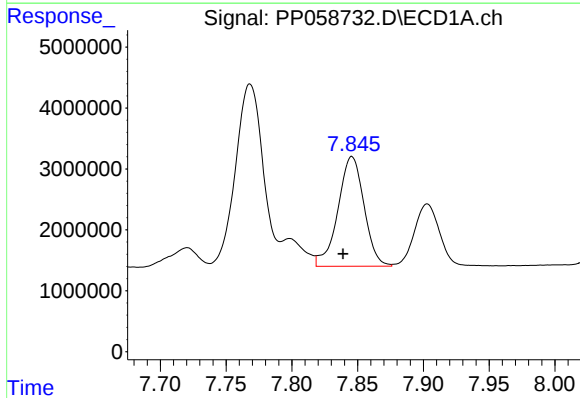
R.T.: 8.395 min
Delta R.T.: 0.008 min
Response: 54582547
Conc: 493.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



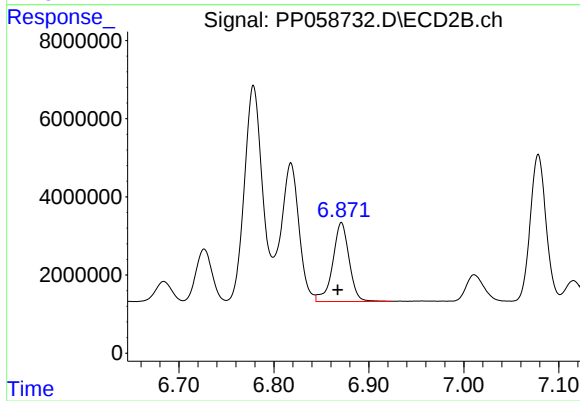
#35 AR-1260-5

R.T.: 7.321 min
Delta R.T.: 0.003 min
Response: 93123324
Conc: 475.77 ng/ml



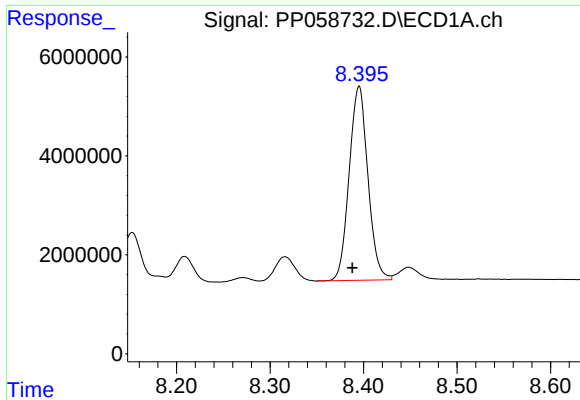
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.007 min
Response: 24890237
Conc: 293.01 ng/ml



#36 AR-1262-1

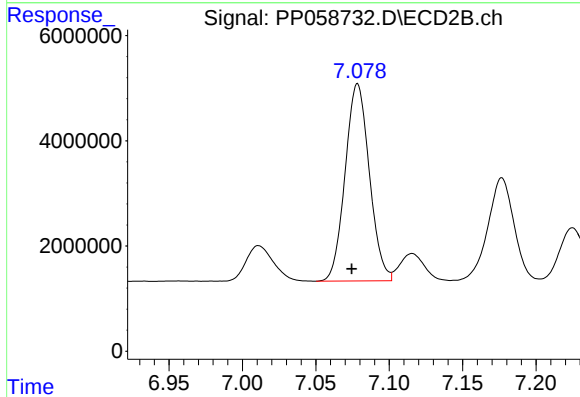
R.T.: 6.871 min
Delta R.T.: 0.004 min
Response: 24244333
Conc: 345.65 ng/ml



#37 AR-1262-2

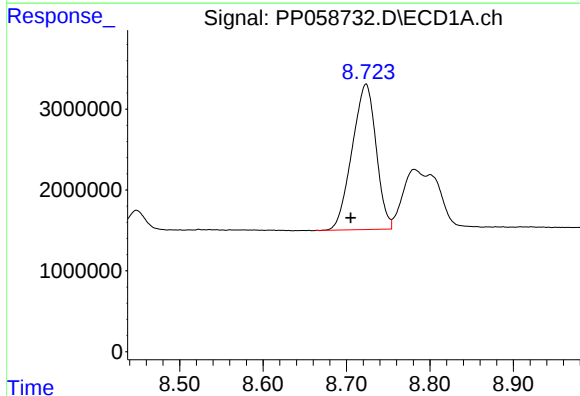
R.T.: 8.395 min
Delta R.T.: 0.007 min
Response: 54582547
Conc: 390.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



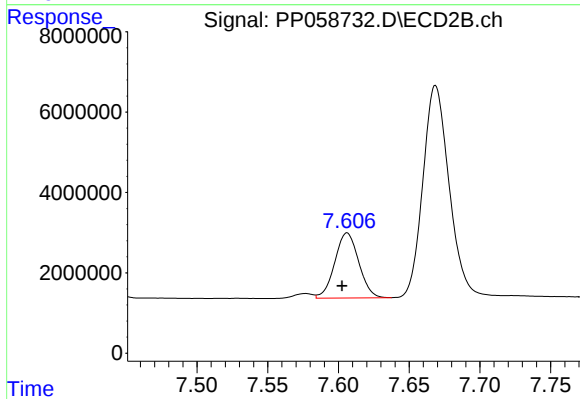
#37 AR-1262-2

R.T.: 7.078 min
Delta R.T.: 0.004 min
Response: 43061107
Conc: 287.70 ng/ml



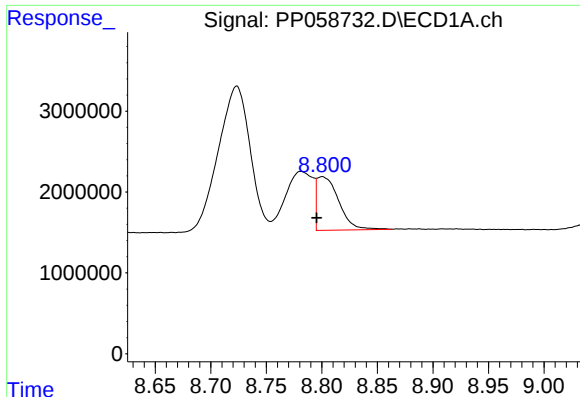
#38 AR-1262-3

R.T.: 8.723 min
Delta R.T.: 0.018 min
Response: 35928106
Conc: 365.60 ng/ml



#38 AR-1262-3

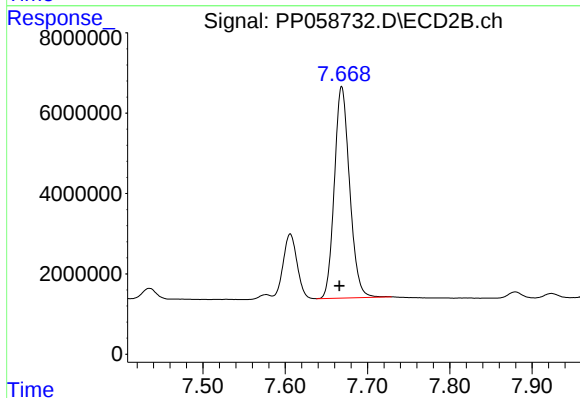
R.T.: 7.606 min
Delta R.T.: 0.004 min
Response: 19113880
Conc: 169.30 ng/ml



#39 AR-1262-4

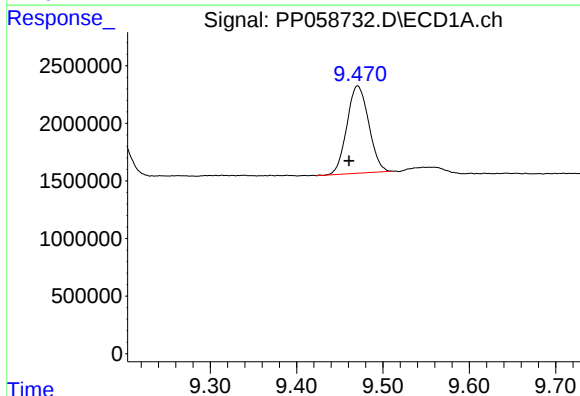
R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 9098262
Conc: 117.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



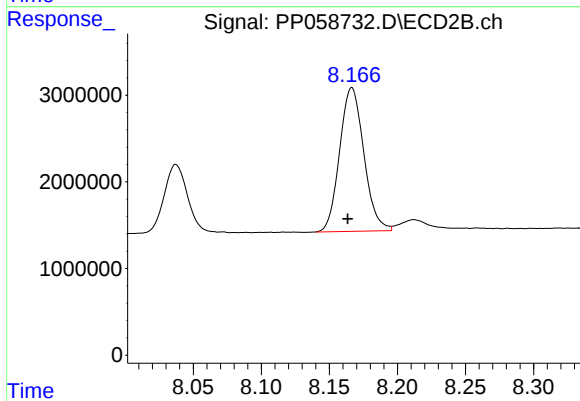
#39 AR-1262-4

R.T.: 7.669 min
Delta R.T.: 0.003 min
Response: 67734757
Conc: 332.82 ng/ml



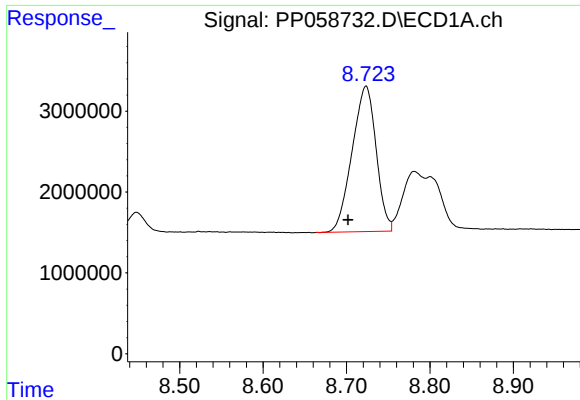
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: 0.010 min
Response: 13311370
Conc: 282.45 ng/ml



#40 AR-1262-5

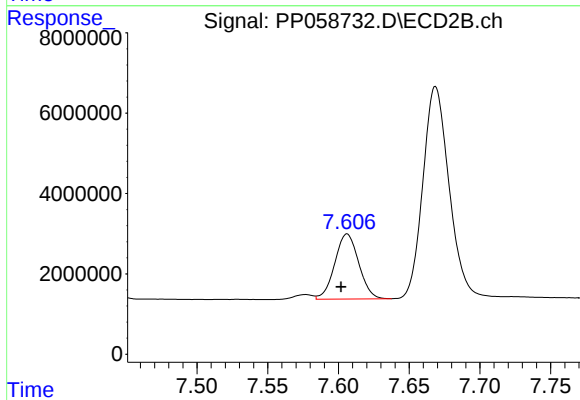
R.T.: 8.166 min
Delta R.T.: 0.003 min
Response: 20536292
Conc: 247.03 ng/ml



#41 AR-1268-1

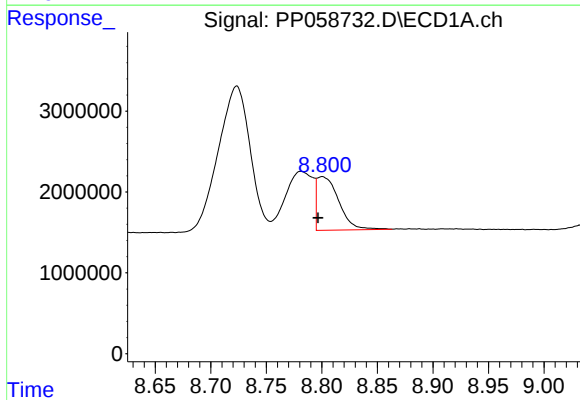
R.T.: 8.723 min
Delta R.T.: 0.022 min
Response: 35928106
Conc: 211.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



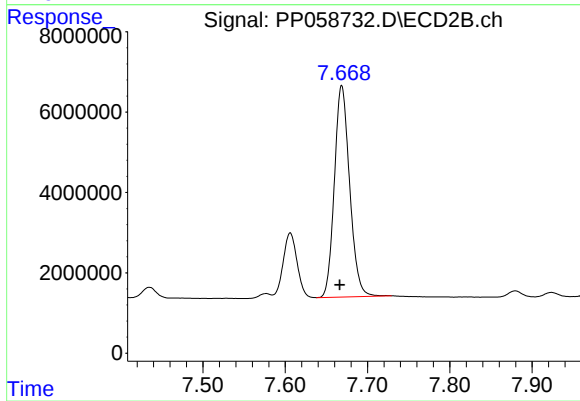
#41 AR-1268-1

R.T.: 7.606 min
Delta R.T.: 0.004 min
Response: 19113880
Conc: 59.62 ng/ml



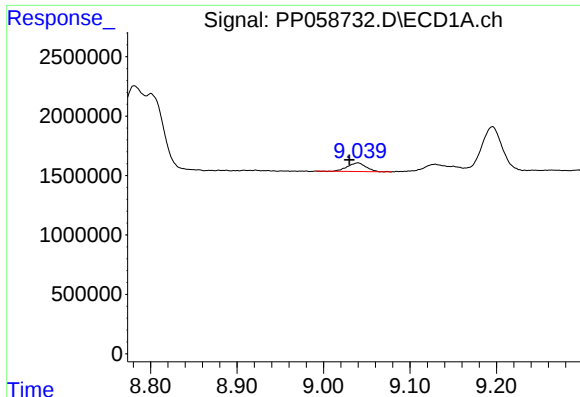
#42 AR-1268-2

R.T.: 8.800 min
Delta R.T.: 0.004 min
Response: 9098262
Conc: 59.43 ng/ml



#42 AR-1268-2

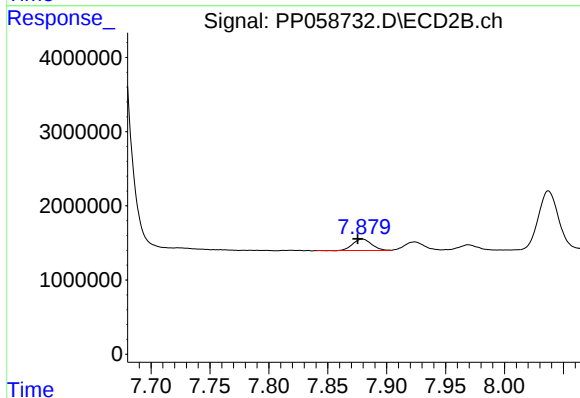
R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 67734757
Conc: 237.40 ng/ml



#43 AR-1268-3

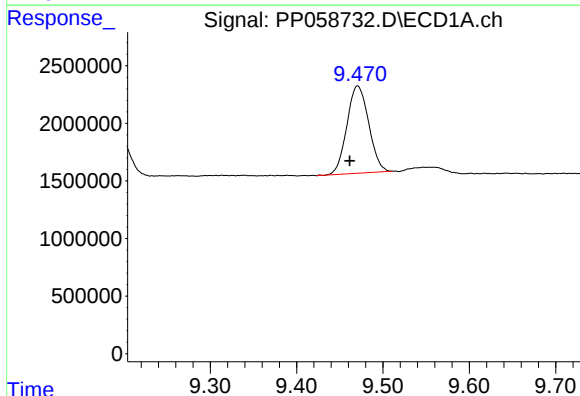
R.T.: 9.040 min
Delta R.T.: 0.010 min
Response: 1081333
Conc: 8.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



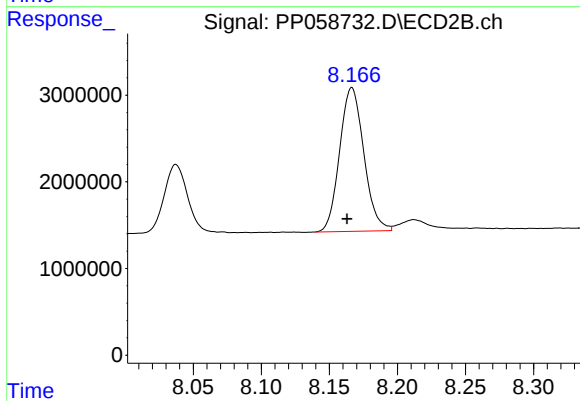
#43 AR-1268-3

R.T.: 7.879 min
Delta R.T.: 0.004 min
Response: 1689335
Conc: 6.65 ng/ml



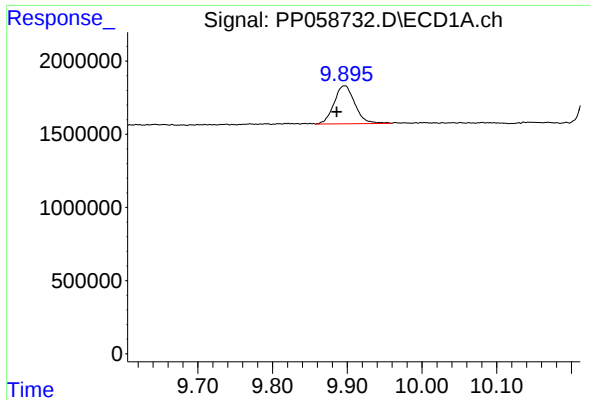
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: 0.009 min
Response: 13311370
Conc: 272.58 ng/ml



#44 AR-1268-4

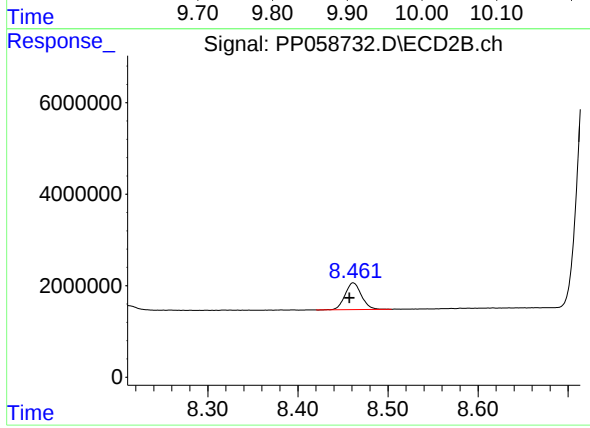
R.T.: 8.166 min
Delta R.T.: 0.004 min
Response: 20536292
Conc: 227.21 ng/ml



#45 AR-1268-5

R.T.: 9.896 min
Delta R.T.: 0.011 min
Response: 5031404
Conc: 12.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: 0.004 min
Response: 7381378
Conc: 10.26 ng/ml