

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061719\
 Data File : PR038721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2019 19:59
 Operator : SM\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 01:24:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 12 02:00:42 2019
 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...	3.773	4.621	75866394	261.5E6	51.996	52.444
2)	SA Decachlor...	8.726	10.369	99052485	296.2E6	43.410	47.794
Target Compounds							
3)	L1 AR-1016-1	4.843	5.775	29218900	90760196	473.552	444.086
4)	L1 AR-1016-2	4.860	5.798	46777988	130.3E6	461.946	445.223
5)	L1 AR-1016-3	5.034	5.859	22849027	76332993	450.604	421.178
6)	L1 AR-1016-4	5.074	5.958	18294403	62336937	449.600	422.929
7)	L1 AR-1016-5	5.285	6.248	23425102	61161777	435.904	414.452
8)	L2 AR-1221-1	3.983	4.820	2374110	7121654	141.300	134.338
9)	L2 AR-1221-2	4.069	4.912	3582142	11120736	279.474	271.496
10)	L2 AR-1221-3	4.144	4.987	13973931	43266331	328.860	331.551
11)	L3 AR-1232-1	4.144	4.987	13973931	43266331	472.109	476.147
12)	L3 AR-1232-2	4.860	5.511	46777988	60507818	1275.505	1203.591
13)	L3 AR-1232-3	5.034	5.798	22849027	130.3E6	1225.821	1253.644
14)	L3 AR-1232-4	5.116	5.958	22054995	62336937	1371.501	1178.011
15)	L3 AR-1232-5	5.285	6.044	23425102	52528287	1266.196	1378.627
16)	L4 AR-1242-1	4.843	5.775	29218900	90760196	590.640	570.902
17)	L4 AR-1242-2	4.860	5.798	46777988	130.3E6	585.046	573.911
18)	L4 AR-1242-3	5.034	5.859	22849027	76332993	565.923	543.710
19)	L4 AR-1242-4	5.116	5.958	22054995	62336937	563.687	539.494
20)	L4 AR-1242-5	5.631	6.685	18309490	9205220	326.631	68.624 #
21)	L5 AR-1248-1	4.843	5.775	29218900	90760196	796.565	840.270
22)	L5 AR-1248-2	5.074	6.044	18294403	52528287	367.989	355.450
23)	L5 AR-1248-3	5.116	6.248	22054995	61161777	431.576	354.989
24)	L5 AR-1248-4	5.285	6.645	23425102	10331295	364.577	49.910 #
25)	L5 AR-1248-5	5.670	6.685	3778644	9205220	54.267	46.431
26)	L6 AR-1254-1	5.631	6.620	18309490	45296478	161.939	205.055 #
27)	L6 AR-1254-2	5.775	6.834	16334421	45317492	165.136	130.429
28)	L6 AR-1254-3	6.187	7.199	38140354	28244640	224.669	72.065 #
29)	L6 AR-1254-4	6.397	7.481	4725363	19413817	36.373	67.073 #
30)	L6 AR-1254-5	6.810	7.895	60960978	165.7E6	395.393	534.311 #
31)	L7 AR-1260-1	6.301	7.360	43954317	110.2E6	391.619	402.222
32)	L7 AR-1260-2	6.485	7.612	56818608	137.0E6	391.280	416.323
33)	L7 AR-1260-3	6.638	7.967	50610470	105.3E6	389.051	416.023
34)	L7 AR-1260-4	7.104	8.197	43306387	123.9E6	394.088	414.395
35)	L7 AR-1260-5	7.342	8.524	116.1E6	281.2E6	406.168	452.403
36)	L8 AR-1262-1	6.900	7.967	23583368	105.3E6	297.973	237.872
37)	L8 AR-1262-2	7.342	8.524	116.1E6	281.2E6	289.474	325.682
38)	L8 AR-1262-3	7.622	8.861	25959485	179.7E6	171.316	318.508 #
39)	L8 AR-1262-4	7.685	8.916	83578071	112.9E6	295.170	267.835
40)	L8 AR-1262-5	8.178	9.605	32941739	89790282	242.826	291.115
41)	L9 AR-1268-1	7.622	8.861	25959485	179.7E6	61.385	195.410 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061719\
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 Acq On : 17 Jun 2019 19:59
 Operator : SM\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

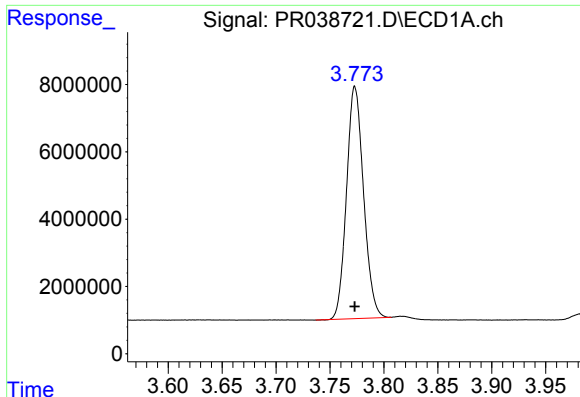
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 01:24:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061119.M
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 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	7.685	8.916	83578071	112.9E6	213.649	131.184 #
43) L9	AR-1268-3	7.891	9.169	1297584	4673688	4.060	6.578 #
44) L9	AR-1268-4	8.178	9.605	32941739	89790282	234.334	282.187
45) L9	AR-1268-5	8.471	10.025	8728642	25608674	8.129	9.997

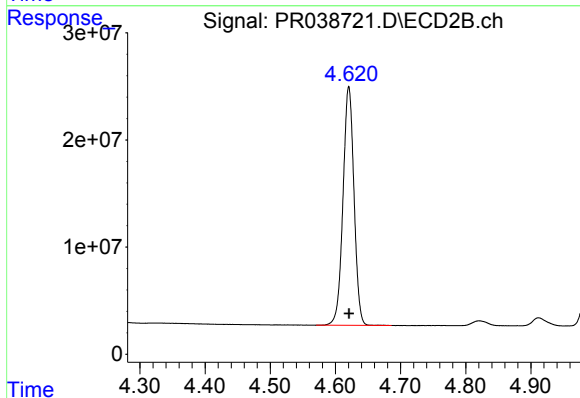
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

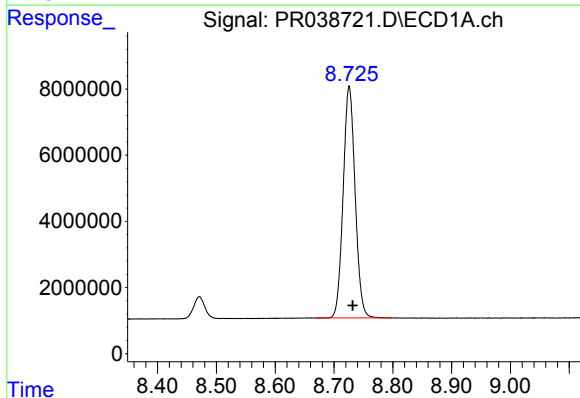
R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 75866394
Conc: 52.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



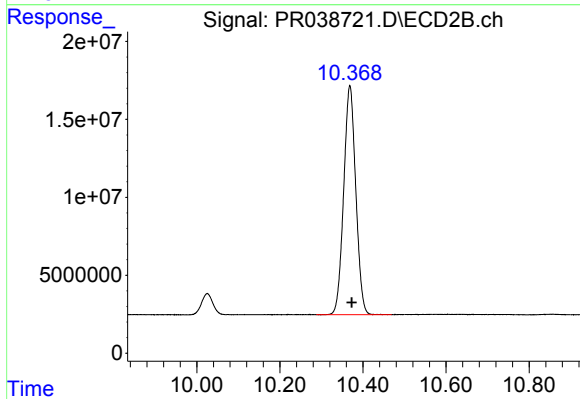
#1 Tetrachloro-m-xylene

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 261457405
Conc: 52.44 ng/ml



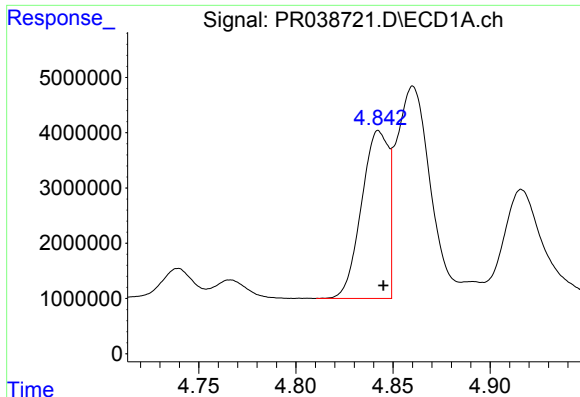
#2 Decachlorobiphenyl

R.T.: 8.726 min
Delta R.T.: -0.006 min
Response: 99052485
Conc: 43.41 ng/ml



#2 Decachlorobiphenyl

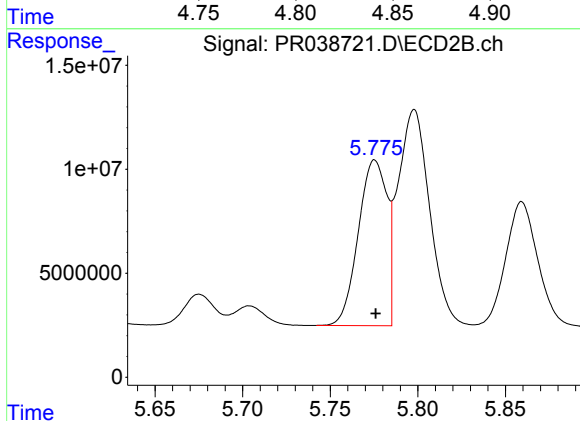
R.T.: 10.369 min
Delta R.T.: -0.005 min
Response: 296237483
Conc: 47.79 ng/ml



#3 AR-1016-1

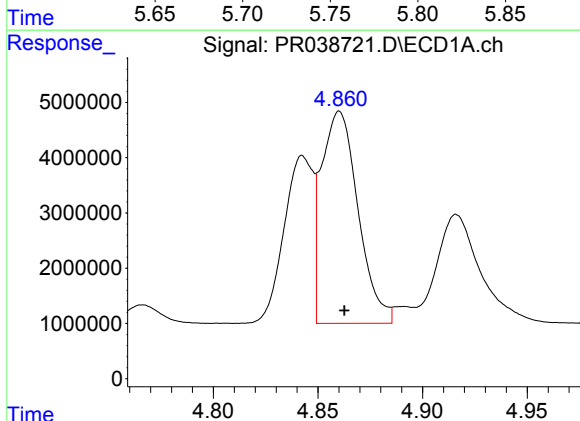
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 29218900
Conc: 473.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



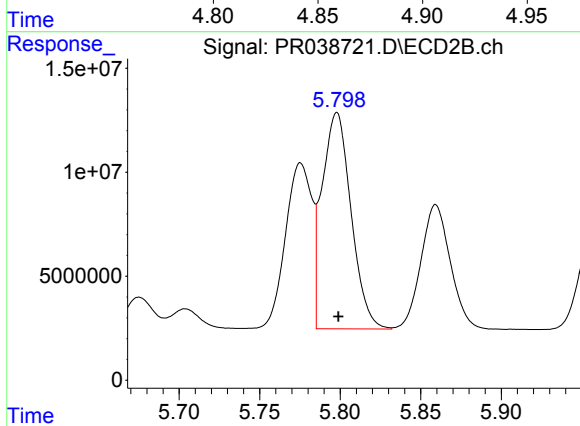
#3 AR-1016-1

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 90760196
Conc: 444.09 ng/ml



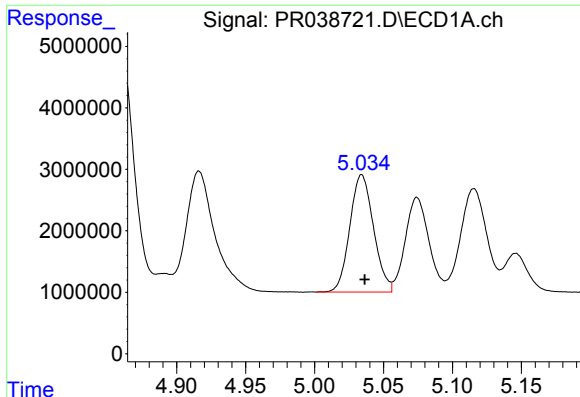
#4 AR-1016-2

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 46777988
Conc: 461.95 ng/ml



#4 AR-1016-2

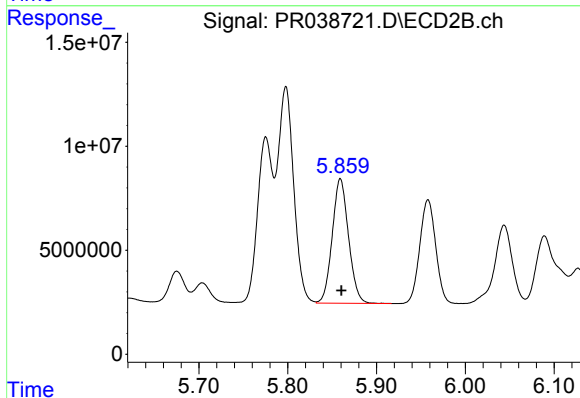
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 130286242
Conc: 445.22 ng/ml



#5 AR-1016-3

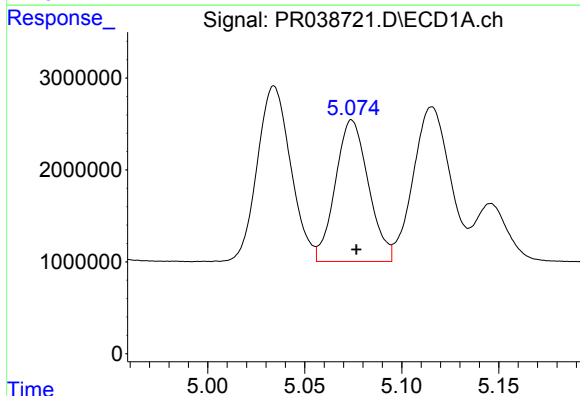
R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 22849027
Conc: 450.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



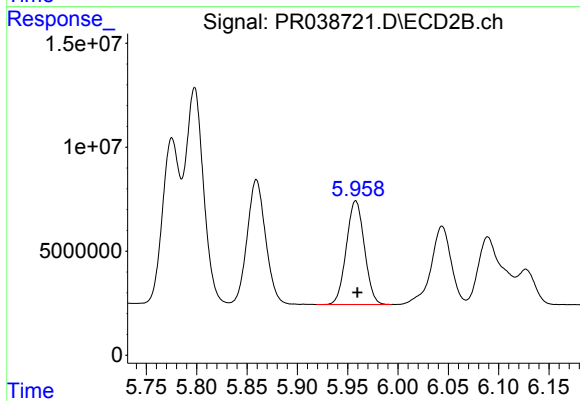
#5 AR-1016-3

R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 76332993
Conc: 421.18 ng/ml



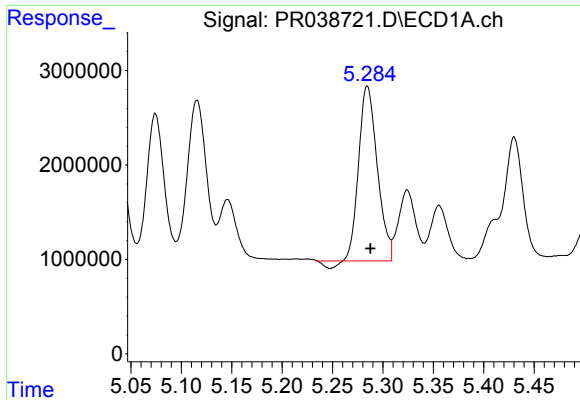
#6 AR-1016-4

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 18294403
Conc: 449.60 ng/ml



#6 AR-1016-4

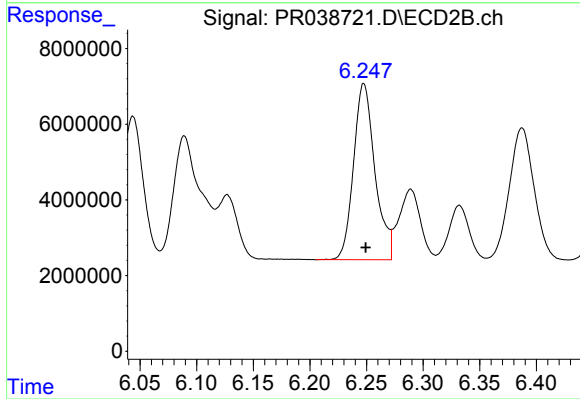
R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 62336937
Conc: 422.93 ng/ml



#7 AR-1016-5

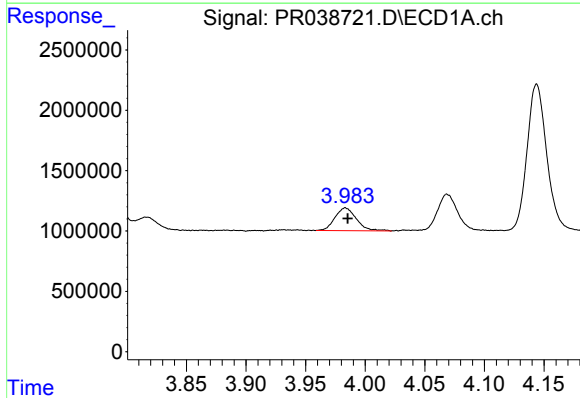
R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 23425102
Conc: 435.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



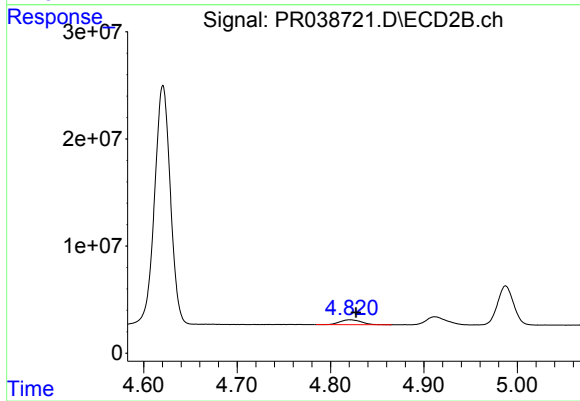
#7 AR-1016-5

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 61161777
Conc: 414.45 ng/ml



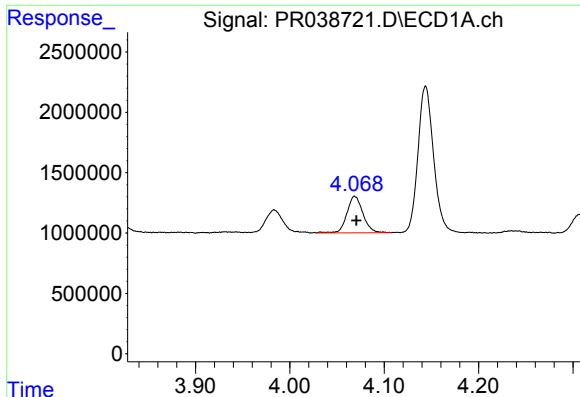
#8 AR-1221-1

R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 2374110
Conc: 141.30 ng/ml



#8 AR-1221-1

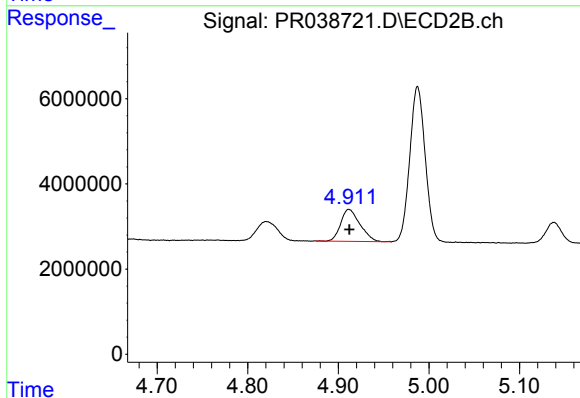
R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 7121654
Conc: 134.34 ng/ml



#9 AR-1221-2

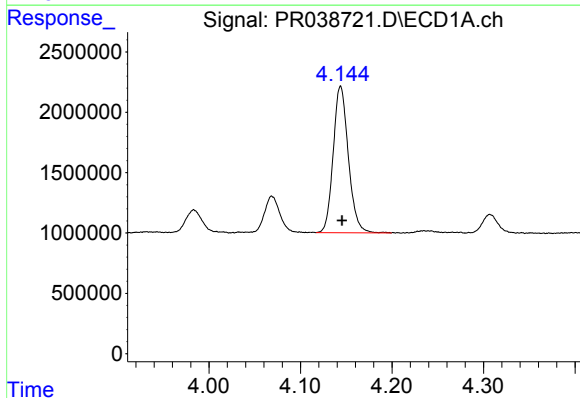
R.T.: 4.069 min
Delta R.T.: -0.002 min
Response: 3582142
Conc: 279.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



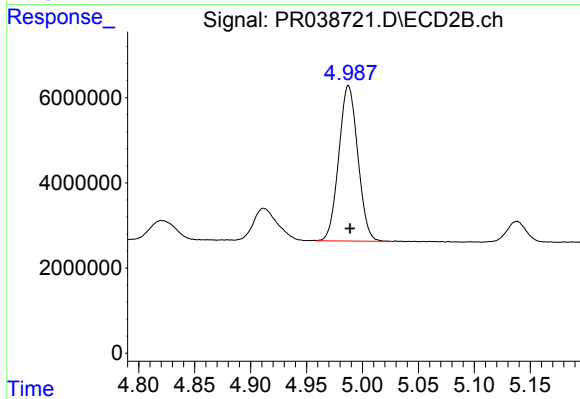
#9 AR-1221-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 11120736
Conc: 271.50 ng/ml



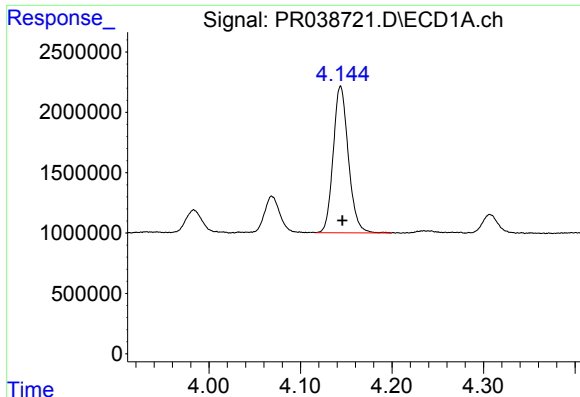
#10 AR-1221-3

R.T.: 4.144 min
Delta R.T.: -0.002 min
Response: 13973931
Conc: 328.86 ng/ml



#10 AR-1221-3

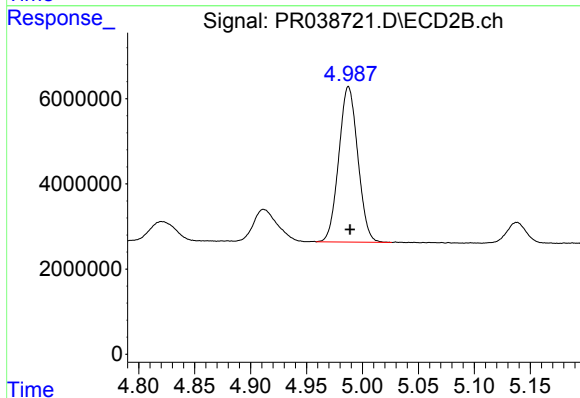
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 43266331
Conc: 331.55 ng/ml



#11 AR-1232-1

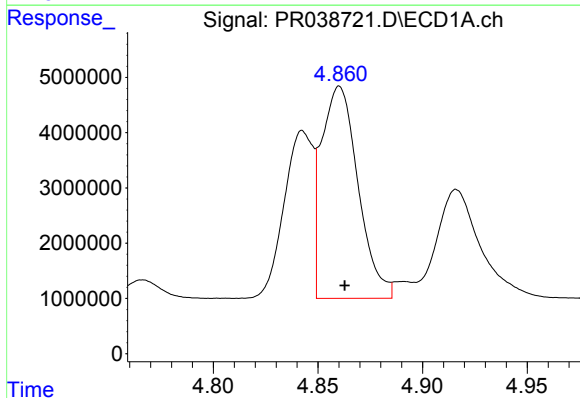
R.T.: 4.144 min
Delta R.T.: -0.002 min
Response: 13973931
Conc: 472.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



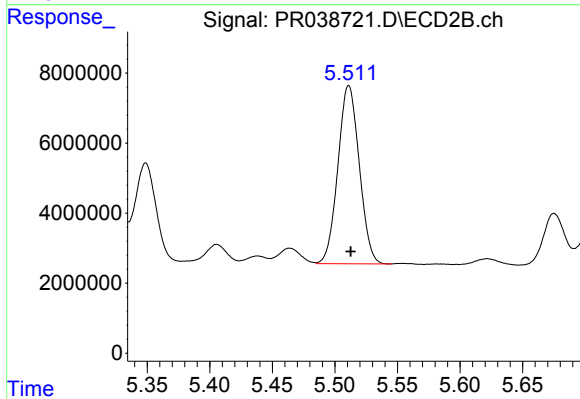
#11 AR-1232-1

R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 43266331
Conc: 476.15 ng/ml



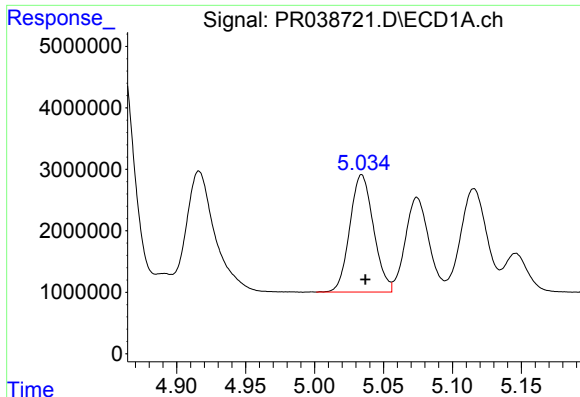
#12 AR-1232-2

R.T.: 4.860 min
Delta R.T.: -0.003 min
Response: 46777988
Conc: 1275.51 ng/ml



#12 AR-1232-2

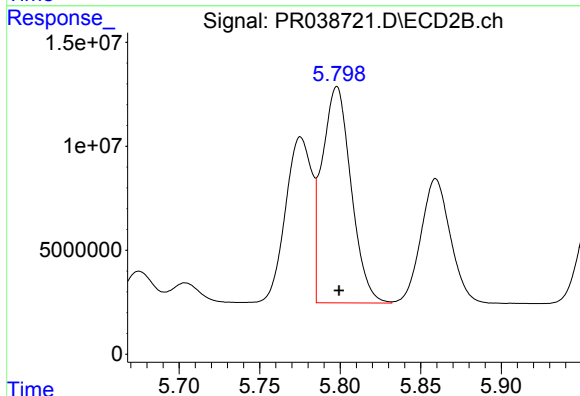
R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 60507818
Conc: 1203.59 ng/ml



#13 AR-1232-3

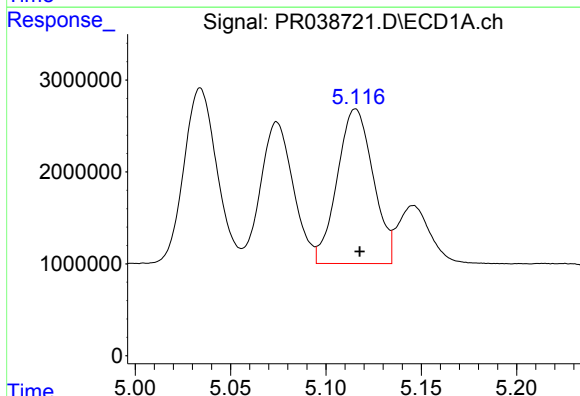
R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 22849027
Conc: 1225.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



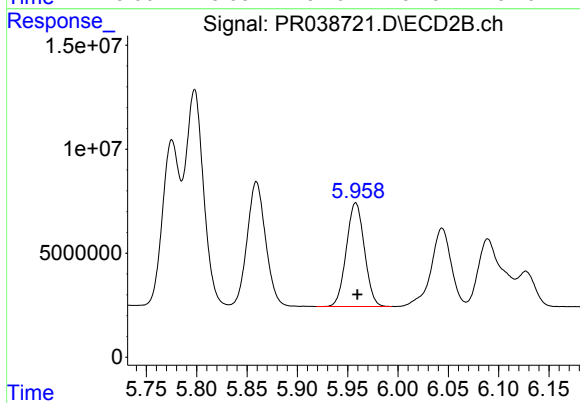
#13 AR-1232-3

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 130286242
Conc: 1253.64 ng/ml



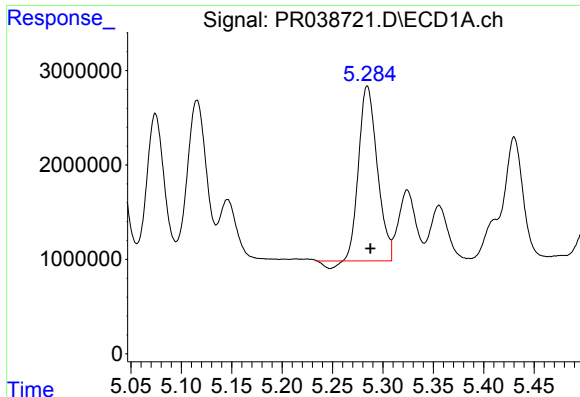
#14 AR-1232-4

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 22054995
Conc: 1371.50 ng/ml



#14 AR-1232-4

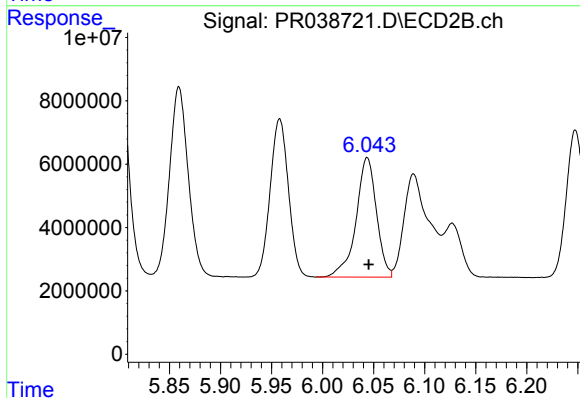
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 62336937
Conc: 1178.01 ng/ml



#15 AR-1232-5

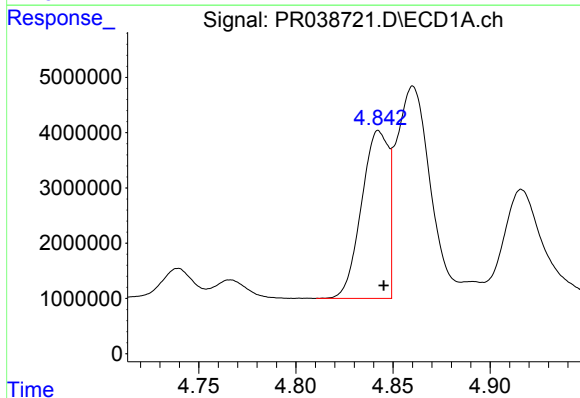
R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 23425102
Conc: 1266.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



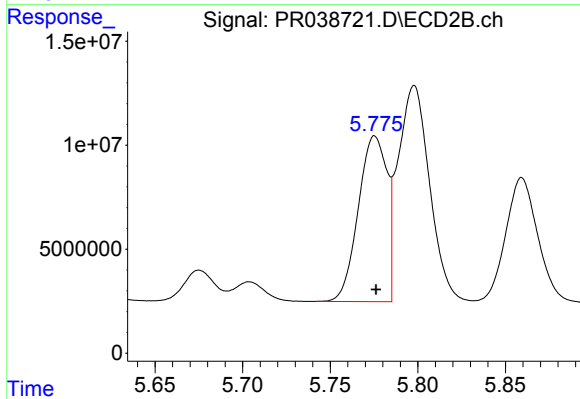
#15 AR-1232-5

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 52528287
Conc: 1378.63 ng/ml



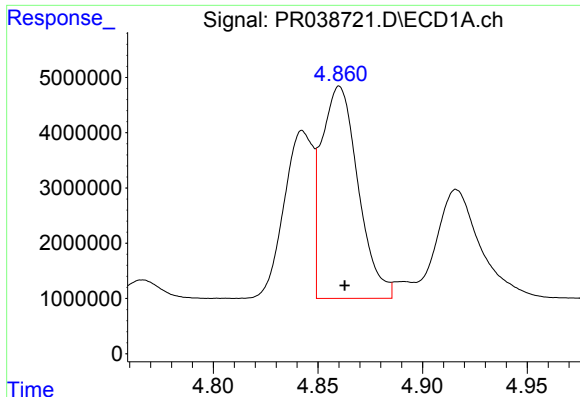
#16 AR-1242-1

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 29218900
Conc: 590.64 ng/ml



#16 AR-1242-1

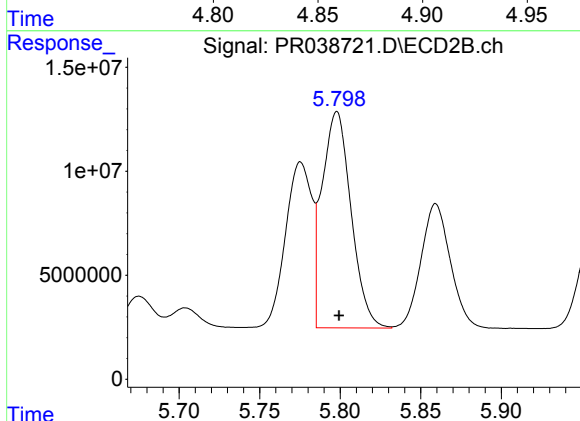
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 90760196
Conc: 570.90 ng/ml



#17 AR-1242-2

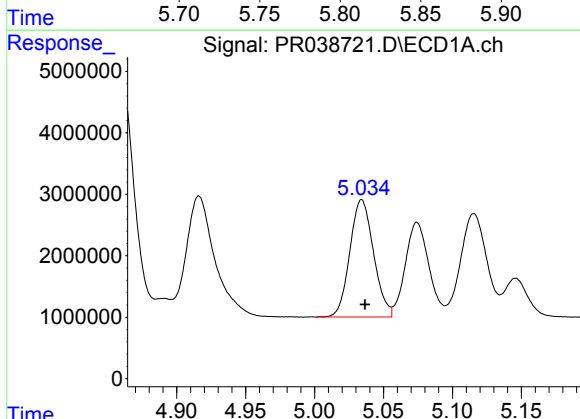
R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 46777988
Conc: 585.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



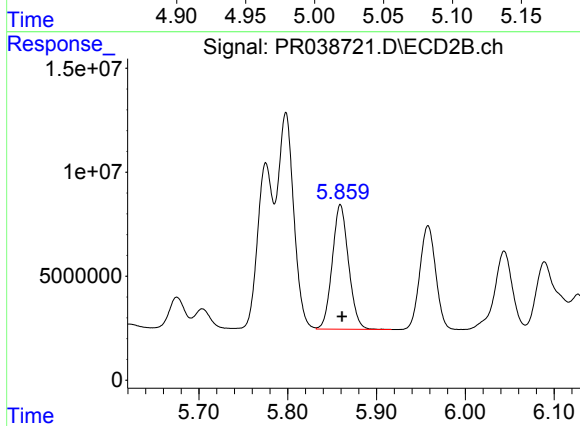
#17 AR-1242-2

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 130286242
Conc: 573.91 ng/ml



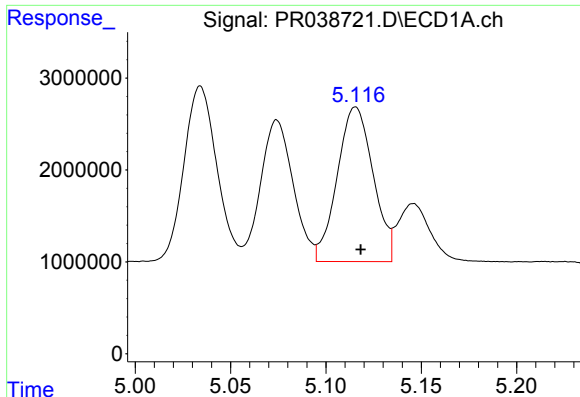
#18 AR-1242-3

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 22849027
Conc: 565.92 ng/ml



#18 AR-1242-3

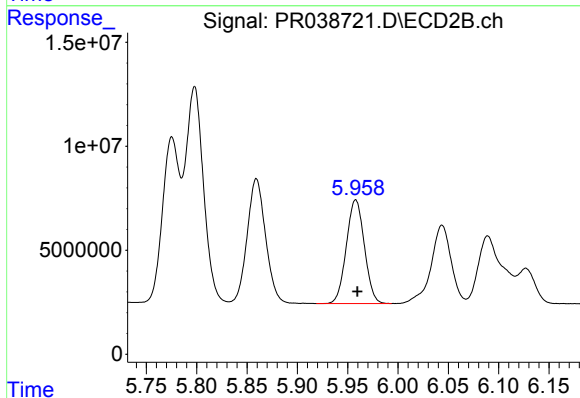
R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 76332993
Conc: 543.71 ng/ml



#19 AR-1242-4

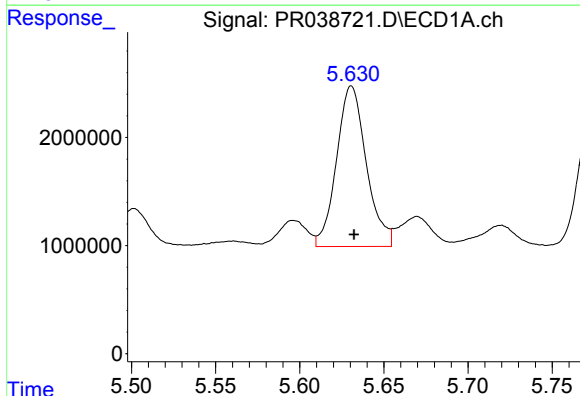
R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 22054995
Conc: 563.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



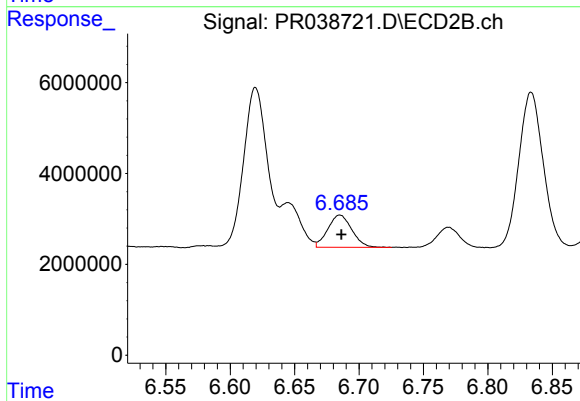
#19 AR-1242-4

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 62336937
Conc: 539.49 ng/ml



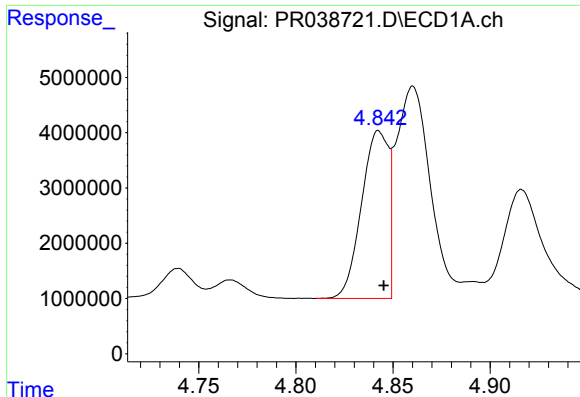
#20 AR-1242-5

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 18309490
Conc: 326.63 ng/ml



#20 AR-1242-5

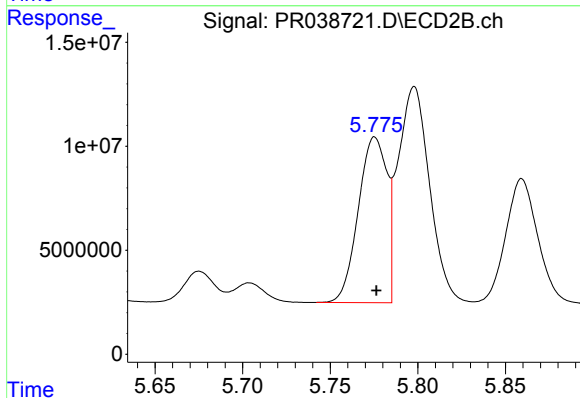
R.T.: 6.685 min
Delta R.T.: -0.001 min
Response: 9205220
Conc: 68.62 ng/ml



#21 AR-1248-1

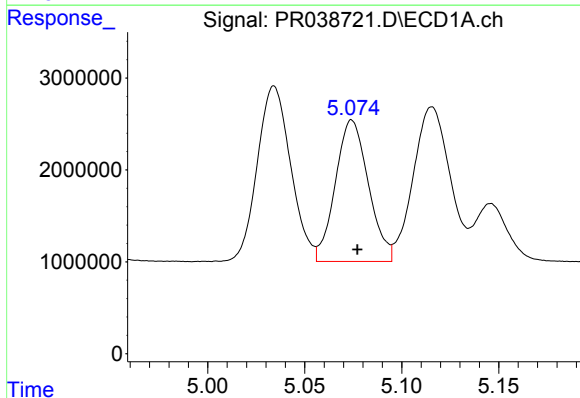
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 29218900
Conc: 796.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



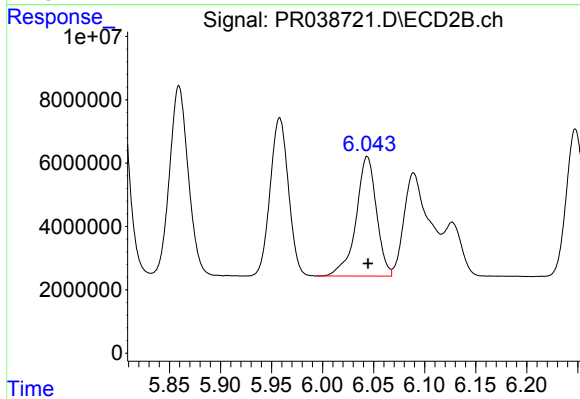
#21 AR-1248-1

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 90760196
Conc: 840.27 ng/ml



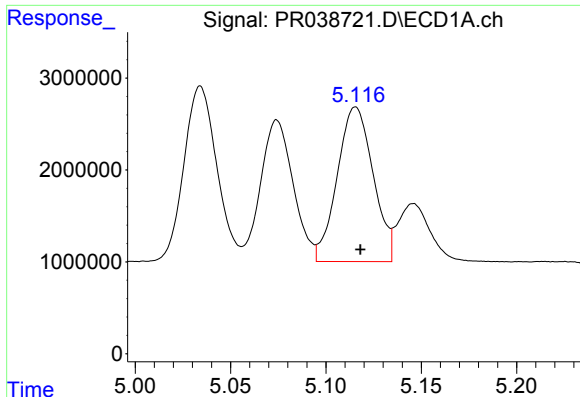
#22 AR-1248-2

R.T.: 5.074 min
Delta R.T.: -0.003 min
Response: 18294403
Conc: 367.99 ng/ml



#22 AR-1248-2

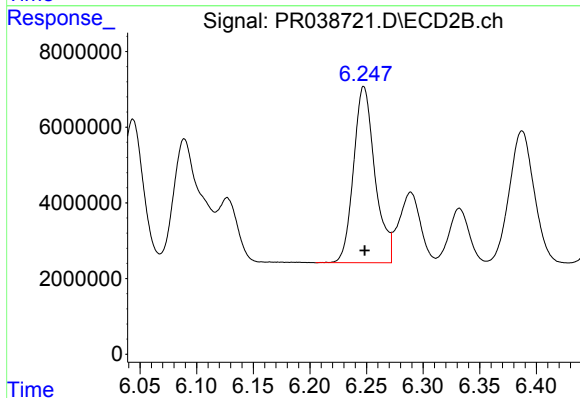
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 52528287
Conc: 355.45 ng/ml



#23 AR-1248-3

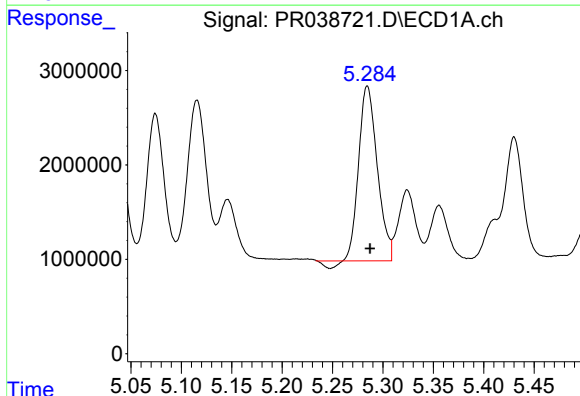
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 22054995
Conc: 431.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



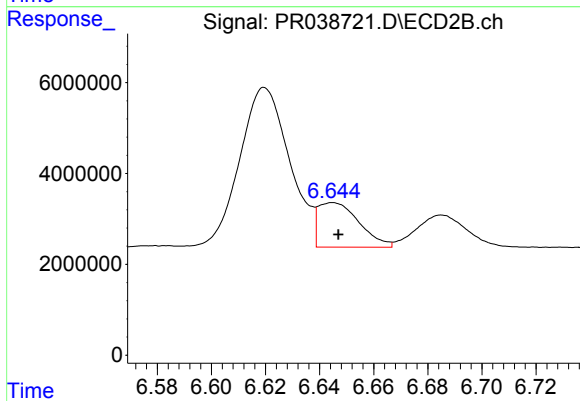
#23 AR-1248-3

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 61161777
Conc: 354.99 ng/ml



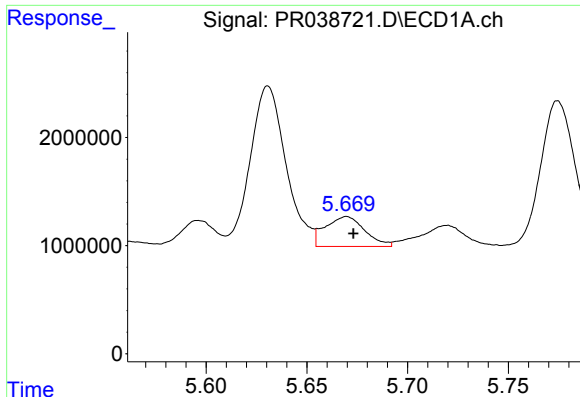
#24 AR-1248-4

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 23425102
Conc: 364.58 ng/ml



#24 AR-1248-4

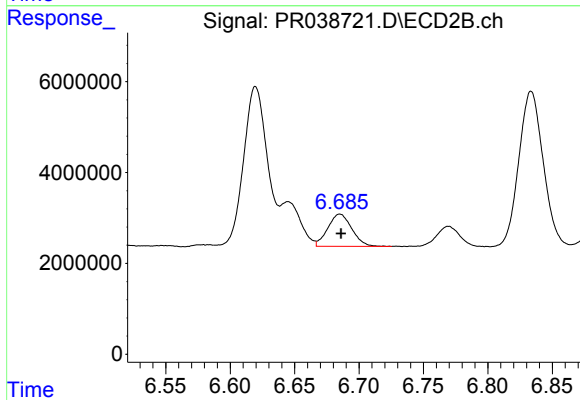
R.T.: 6.645 min
Delta R.T.: -0.002 min
Response: 10331295
Conc: 49.91 ng/ml



#25 AR-1248-5

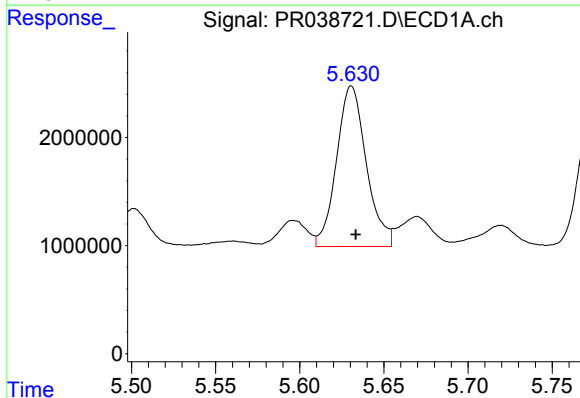
R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 3778644
Conc: 54.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



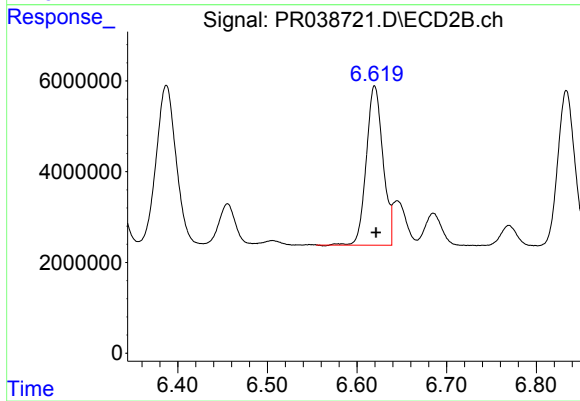
#25 AR-1248-5

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 9205220
Conc: 46.43 ng/ml



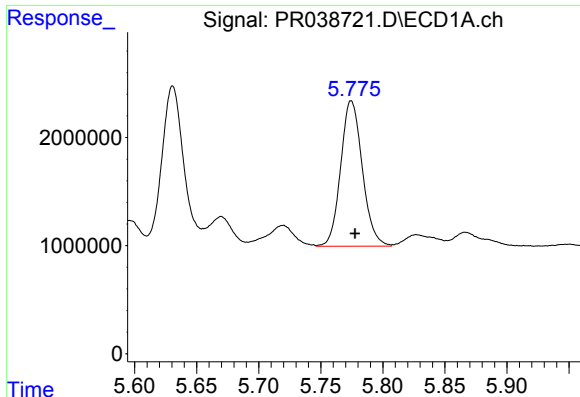
#26 AR-1254-1

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 18309490
Conc: 161.94 ng/ml



#26 AR-1254-1

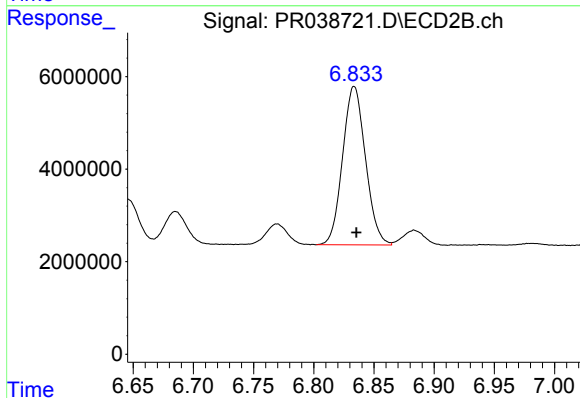
R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 45296478
Conc: 205.06 ng/ml



#27 AR-1254-2

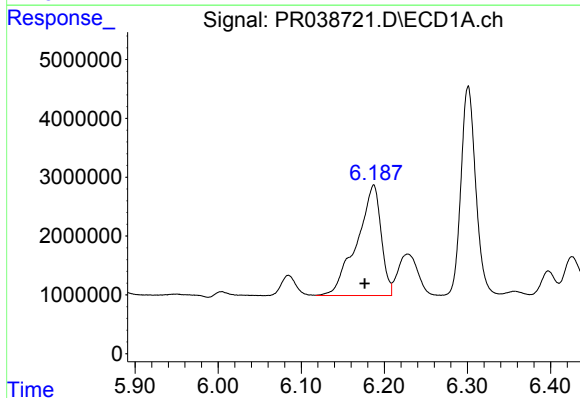
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 16334421
Conc: 165.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



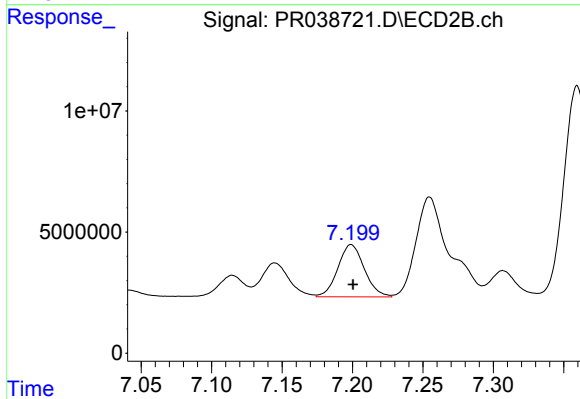
#27 AR-1254-2

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 45317492
Conc: 130.43 ng/ml



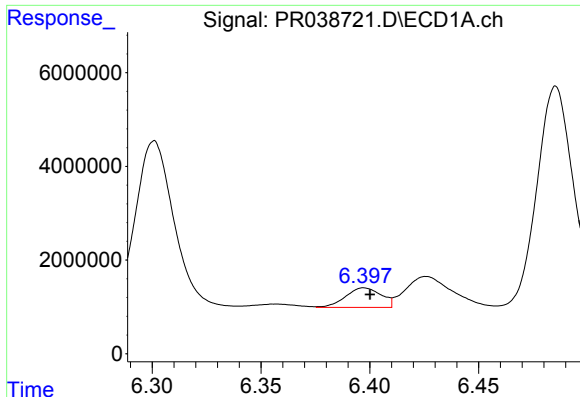
#28 AR-1254-3

R.T.: 6.187 min
Delta R.T.: 0.011 min
Response: 38140354
Conc: 224.67 ng/ml



#28 AR-1254-3

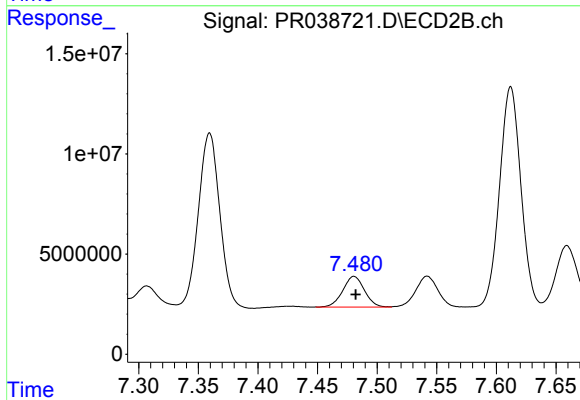
R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 28244640
Conc: 72.07 ng/ml



#29 AR-1254-4

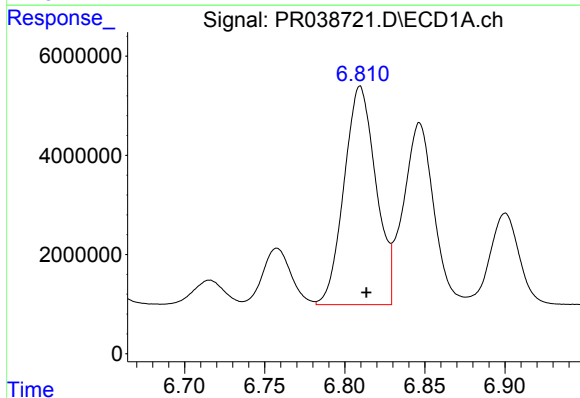
R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 4725363
Conc: 36.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



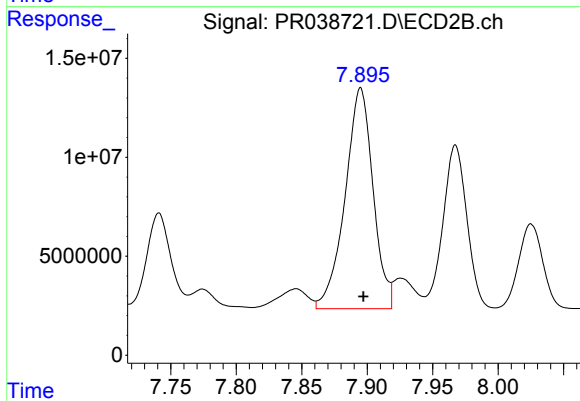
#29 AR-1254-4

R.T.: 7.481 min
Delta R.T.: -0.001 min
Response: 19413817
Conc: 67.07 ng/ml



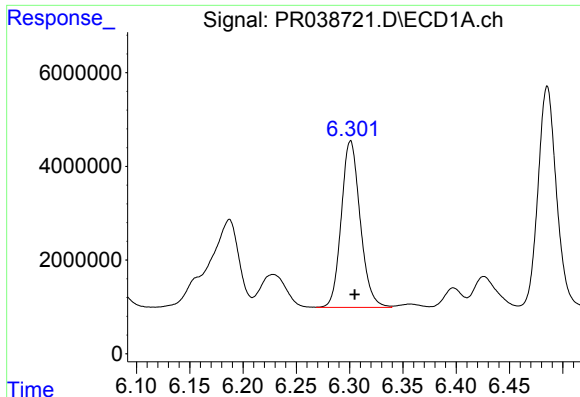
#30 AR-1254-5

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 60960978
Conc: 395.39 ng/ml



#30 AR-1254-5

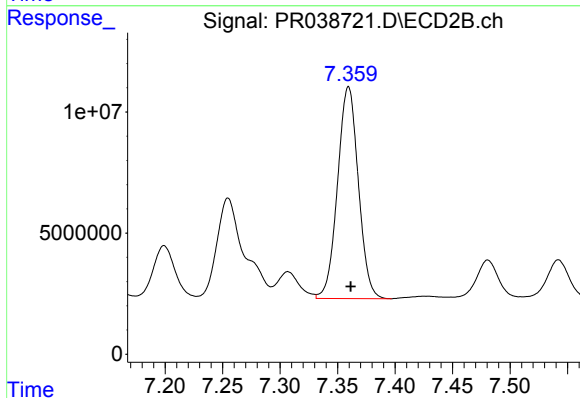
R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 165674365
Conc: 534.31 ng/ml



#31 AR-1260-1

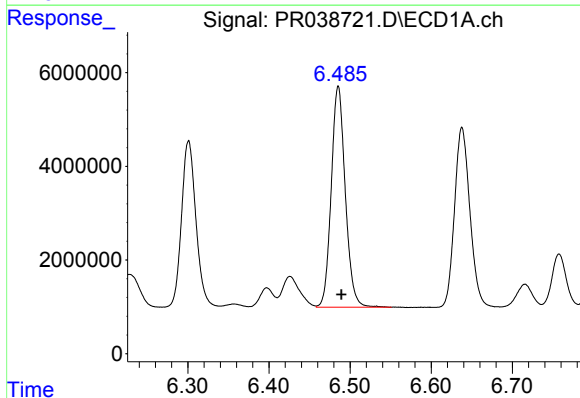
R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 43954317
Conc: 391.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



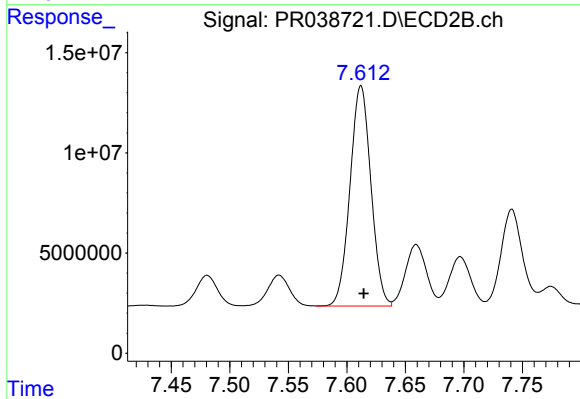
#31 AR-1260-1

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 110203183
Conc: 402.22 ng/ml



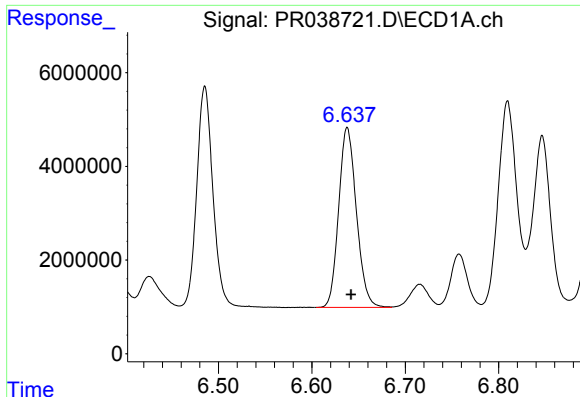
#32 AR-1260-2

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 56818608
Conc: 391.28 ng/ml



#32 AR-1260-2

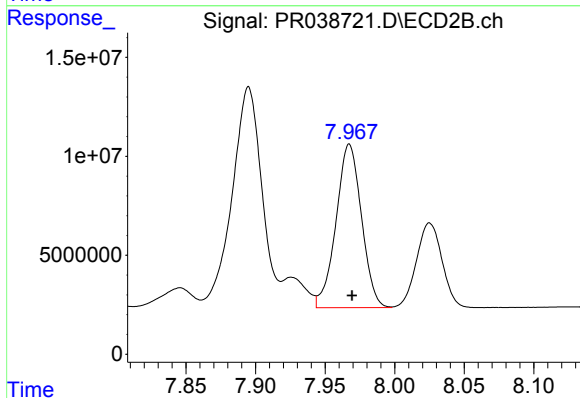
R.T.: 7.612 min
Delta R.T.: -0.002 min
Response: 137045894
Conc: 416.32 ng/ml



#33 AR-1260-3

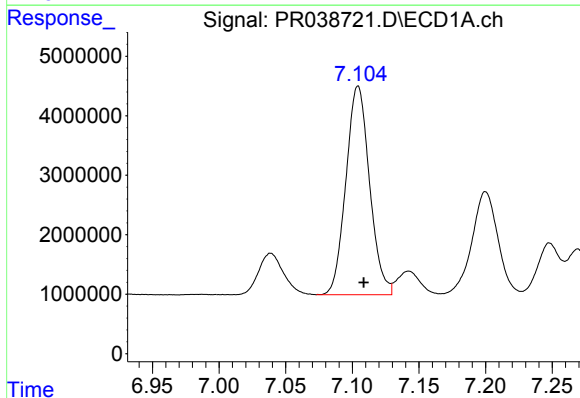
R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 50610470
Conc: 389.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



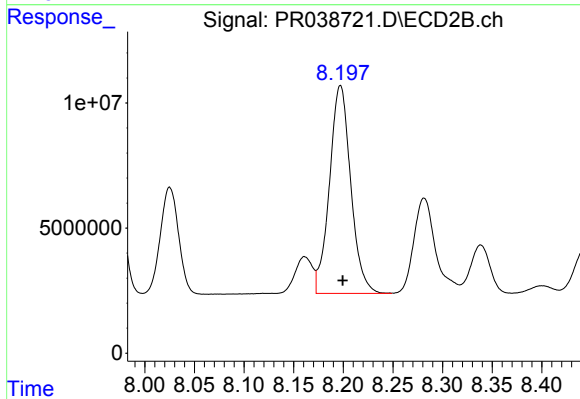
#33 AR-1260-3

R.T.: 7.967 min
Delta R.T.: -0.002 min
Response: 105343693
Conc: 416.02 ng/ml



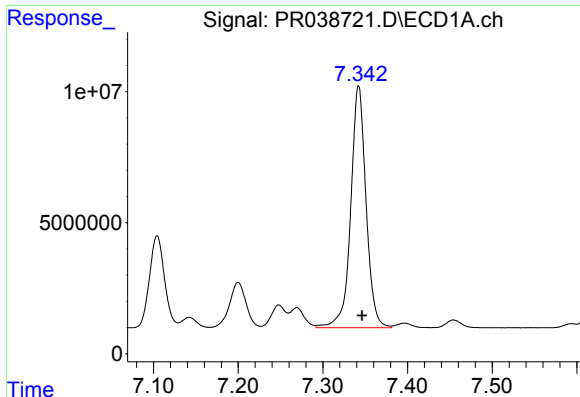
#34 AR-1260-4

R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 43306387
Conc: 394.09 ng/ml



#34 AR-1260-4

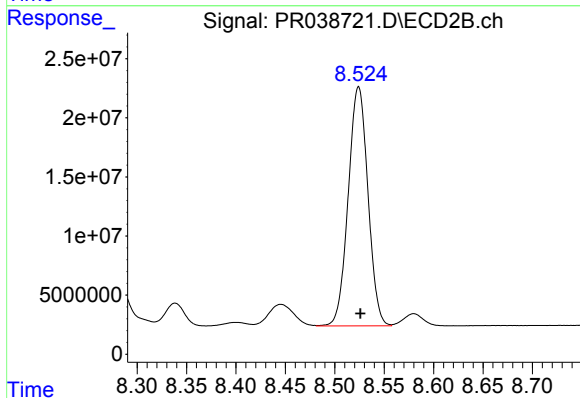
R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 123923742
Conc: 414.40 ng/ml



#35 AR-1260-5

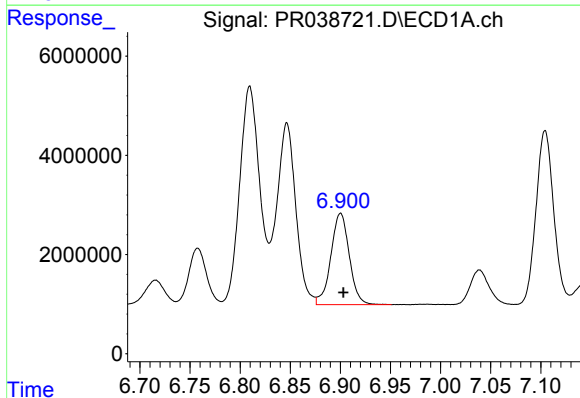
R.T.: 7.342 min
Delta R.T.: -0.004 min
Response: 116063605
Conc: 406.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



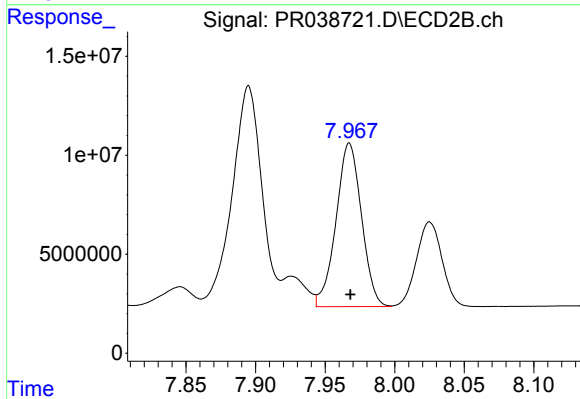
#35 AR-1260-5

R.T.: 8.524 min
Delta R.T.: -0.002 min
Response: 281205609
Conc: 452.40 ng/ml



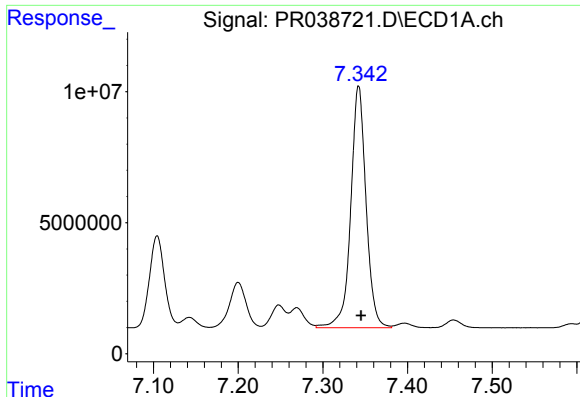
#36 AR-1262-1

R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 23583368
Conc: 297.97 ng/ml



#36 AR-1262-1

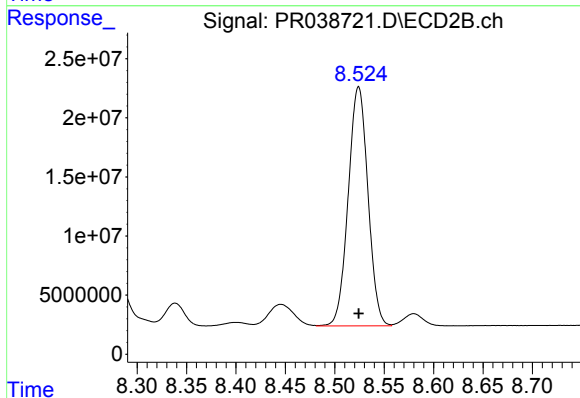
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 105343693
Conc: 237.87 ng/ml



#37 AR-1262-2

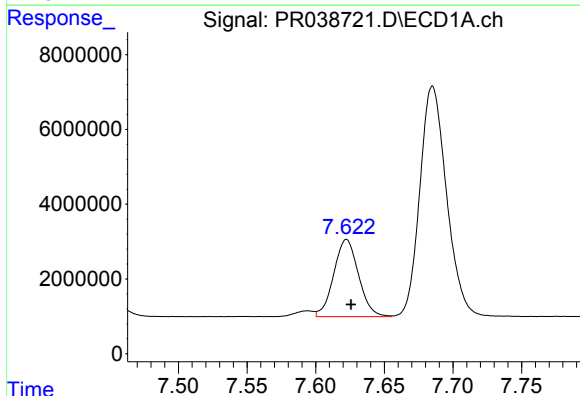
R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 116063605
Conc: 289.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



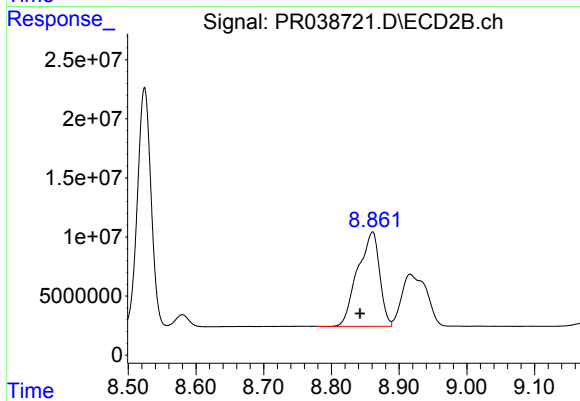
#37 AR-1262-2

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 281205609
Conc: 325.68 ng/ml



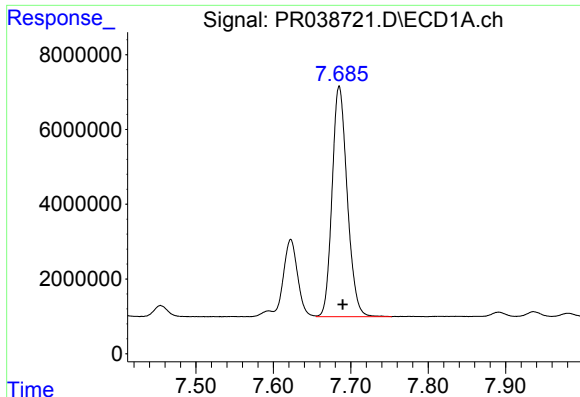
#38 AR-1262-3

R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 25959485
Conc: 171.32 ng/ml



#38 AR-1262-3

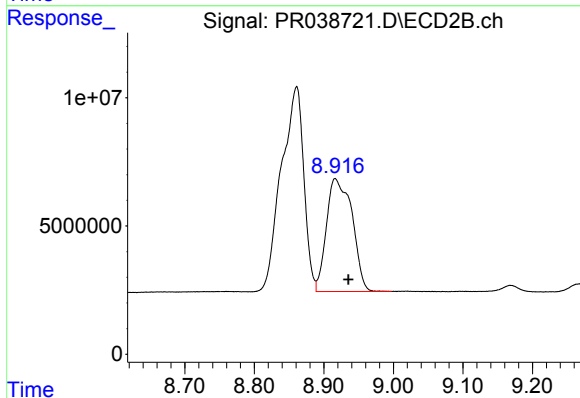
R.T.: 8.861 min
Delta R.T.: 0.018 min
Response: 179681205
Conc: 318.51 ng/ml



#39 AR-1262-4

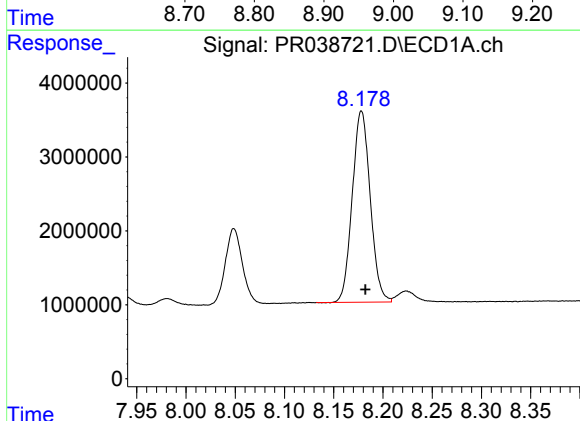
R.T.: 7.685 min
Delta R.T.: -0.005 min
Response: 83578071
Conc: 295.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



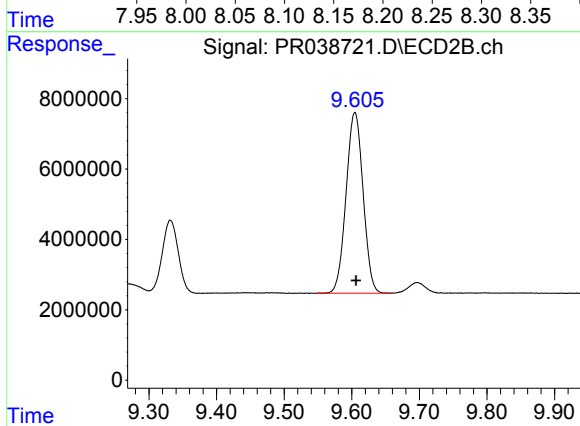
#39 AR-1262-4

R.T.: 8.916 min
Delta R.T.: -0.019 min
Response: 112896230
Conc: 267.83 ng/ml



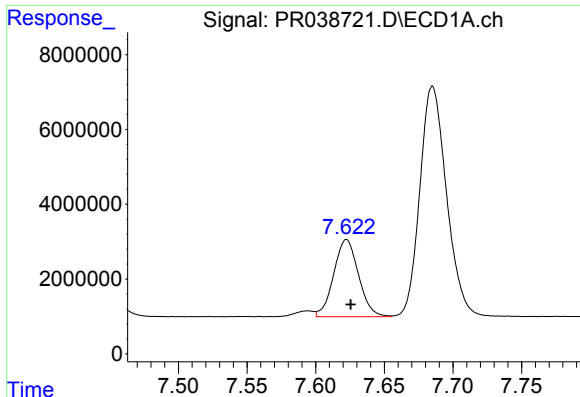
#40 AR-1262-5

R.T.: 8.178 min
Delta R.T.: -0.004 min
Response: 32941739
Conc: 242.83 ng/ml



#40 AR-1262-5

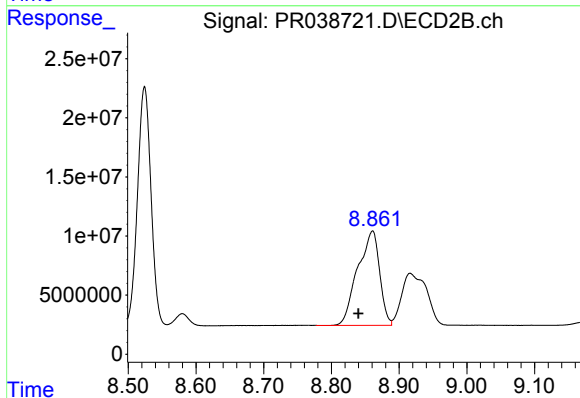
R.T.: 9.605 min
Delta R.T.: -0.002 min
Response: 89790282
Conc: 291.12 ng/ml



#41 AR-1268-1

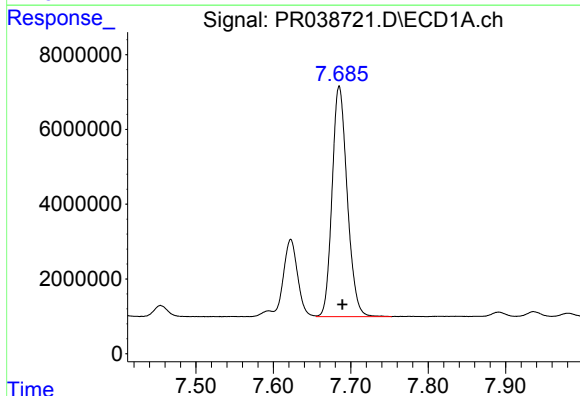
R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 25959485
Conc: 61.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



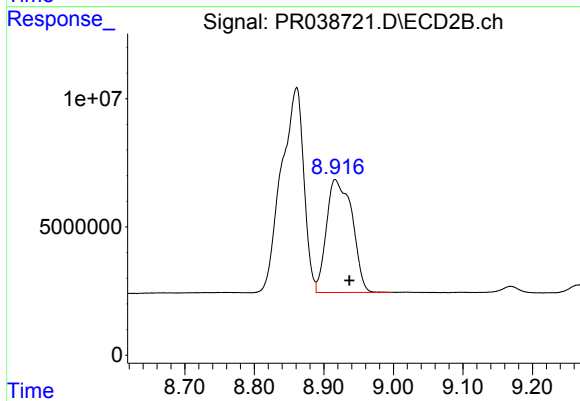
#41 AR-1268-1

R.T.: 8.861 min
Delta R.T.: 0.021 min
Response: 179681205
Conc: 195.41 ng/ml



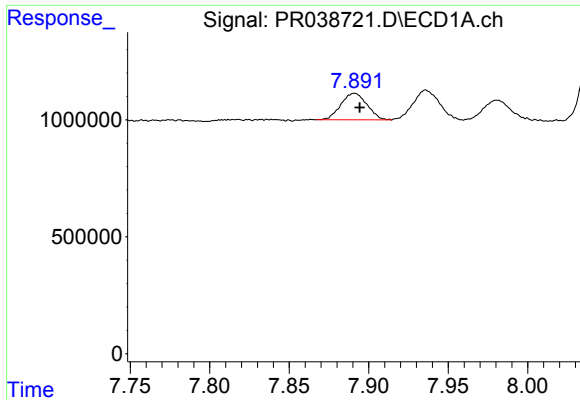
#42 AR-1268-2

R.T.: 7.685 min
Delta R.T.: -0.004 min
Response: 83578071
Conc: 213.65 ng/ml



#42 AR-1268-2

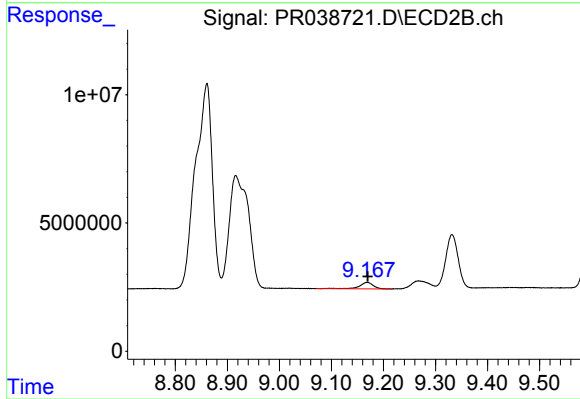
R.T.: 8.916 min
Delta R.T.: -0.020 min
Response: 112896230
Conc: 131.18 ng/ml



#43 AR-1268-3

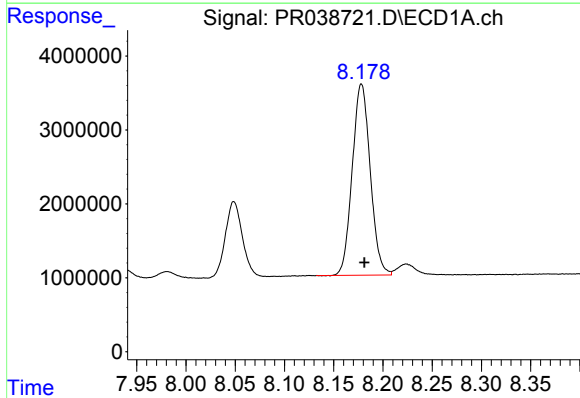
R.T.: 7.891 min
Delta R.T.: -0.003 min
Response: 1297584
Conc: 4.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



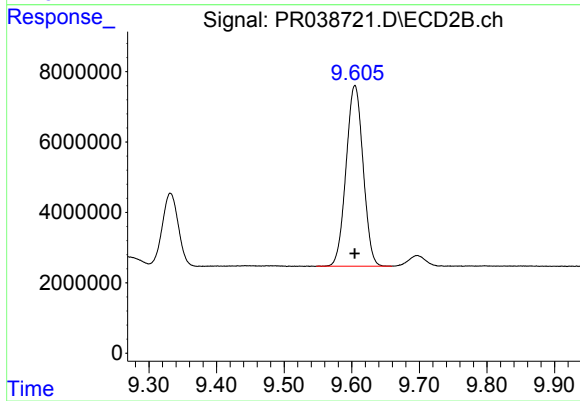
#43 AR-1268-3

R.T.: 9.169 min
Delta R.T.: -0.001 min
Response: 4673688
Conc: 6.58 ng/ml



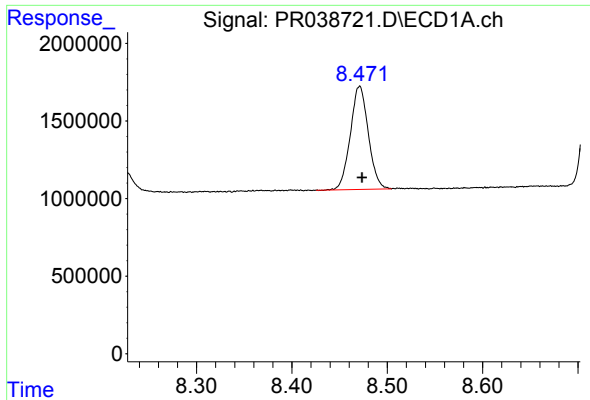
#44 AR-1268-4

R.T.: 8.178 min
Delta R.T.: -0.003 min
Response: 32941739
Conc: 234.33 ng/ml



#44 AR-1268-4

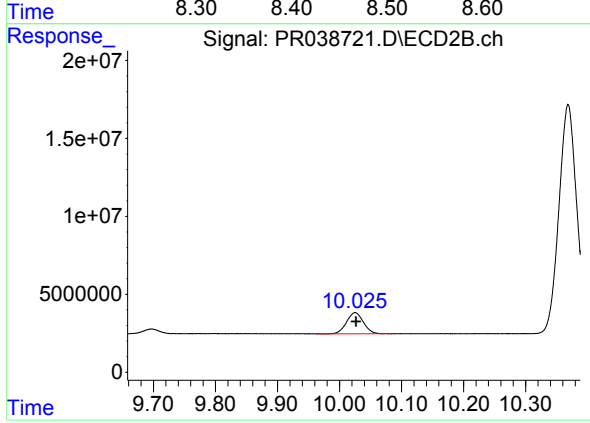
R.T.: 9.605 min
Delta R.T.: 0.000 min
Response: 89790282
Conc: 282.19 ng/ml



#45 AR-1268-5

R.T.: 8.471 min
Delta R.T.: -0.003 min
Response: 8728642
Conc: 8.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.025 min
Delta R.T.: -0.001 min
Response: 25608674
Conc: 10.00 ng/ml