

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060222\
 Data File : PP048365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 02:44
 Operator : YP\AJ
 Sample : N2989-17
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 06:21:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 27 23:53:39 2022
 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...	4.034	3.214	50356288	40368475	21.504	20.484
2)	SA Decachlor...	10.385	8.641	38002924	31211440	19.553	19.308
Target Compounds							
3)	L1 AR-1016-1	5.337	4.396	5055354	980148	59.948	14.573 #
4)	L1 AR-1016-2	5.337	4.396	5055354	980148	42.727	10.524 #
5)	L1 AR-1016-3	5.419	4.574f	552242	176137	8.172	3.438 #
6)	L1 AR-1016-4	5.516	4.630	376111	104301	6.102	2.737 #
7)	L1 AR-1016-5	5.849	0.000	976697	0	17.339	N.D. #
8)	L2 AR-1221-1	4.269	0.000	1918722	0	72.579	N.D. #
9)	L2 AR-1221-2	4.367	3.530f	882499	433472	43.089	28.222 #
12)	L3 AR-1232-2	0.000	4.396	0	980148	N.D.	24.327 #
13)	L3 AR-1232-3	5.337	4.574f	5055354	176137	101.877	8.538 #
14)	L3 AR-1232-4	5.516	4.690	376111	470048	15.734	27.085 #
15)	L3 AR-1232-5	5.617	0.000	1336145	0	81.785	N.D. #
16)	L4 AR-1242-1	5.337	4.396	5055354	980148	90.401	20.554 #
17)	L4 AR-1242-2	5.337	4.396	5055354	980148	61.467	14.751 #
18)	L4 AR-1242-3	5.419	4.574f	552242	176137	11.250	5.078 #
19)	L4 AR-1242-4	5.516	4.690	376111	470048	9.504	14.635 #
20)	L4 AR-1242-5	6.353	5.239	1713171	2452946	40.225	58.736 #
21)	L5 AR-1248-1	5.337	4.396	5055354	980148	117.200	26.780 #
22)	L5 AR-1248-2	5.617	4.630	1336145	104301	23.364	2.190 #
23)	L5 AR-1248-3	5.849	4.690	976697	470048	14.430	9.488 #
24)	L5 AR-1248-4	6.300	0.000	9620510	0	123.707	N.D. #
25)	L5 AR-1248-5	6.353	5.308	1713171	381324	22.522	6.322 #
26)	L6 AR-1254-1	6.239f	5.239	5673830	2452946	78.156	27.981 #
27)	L6 AR-1254-2	6.513	5.416	5942600	10006586	49.943	133.180 #
28)	L6 AR-1254-3	6.918	5.850	9438112	15028031	79.449	122.483 #
29)	L6 AR-1254-4	7.225	6.116f	8034512	16279992	89.075	216.813 #
30)	L6 AR-1254-5	7.694	6.536f	87709722	76314383	946.528	753.821
31)	L7 AR-1260-1	7.091	5.974	34025512	31935414	364.547	373.062
32)	L7 AR-1260-2	7.376	6.181	81668906	38767577	730.584	376.101 #
33)	L7 AR-1260-3	7.776	6.347	68175437	43126528	795.914	435.523 #
34)	L7 AR-1260-4	8.028	6.863	79797508	64007865	769.081	768.857
35)	L7 AR-1260-5	8.390	7.128	167.3E6	168.8E6	810.861	850.547
36)	L8 AR-1262-1	7.776	6.580f	68175437	67790102	597.770	627.440
37)	L8 AR-1262-2	8.390	6.863f	167.3E6	64007865	785.023	646.778
38)	L8 AR-1262-3	8.758f	7.439f	110.2E6	33526104	1182.888	445.502 #
39)	L8 AR-1262-4	8.836	7.507f	23744490	113.1E6	399.346	776.616 #
40)	L8 AR-1262-5	9.566	8.051f	42123754	43772846	532.218	648.554
41)	L9 AR-1268-1	8.758f	7.439f	110.2E6	33526104	416.723	143.552 #
42)	L9 AR-1268-2	8.836	7.507f	23744490	113.1E6	98.323	522.781 #
43)	L9 AR-1268-3	9.082	7.736f	3163220	1454240	15.387	7.824 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	9.566	8.051f	42123754	43772846	468.930	532.839
45) L9	AR-1268-5	10.018	8.366f	11460176	5961776	16.231	9.839 #

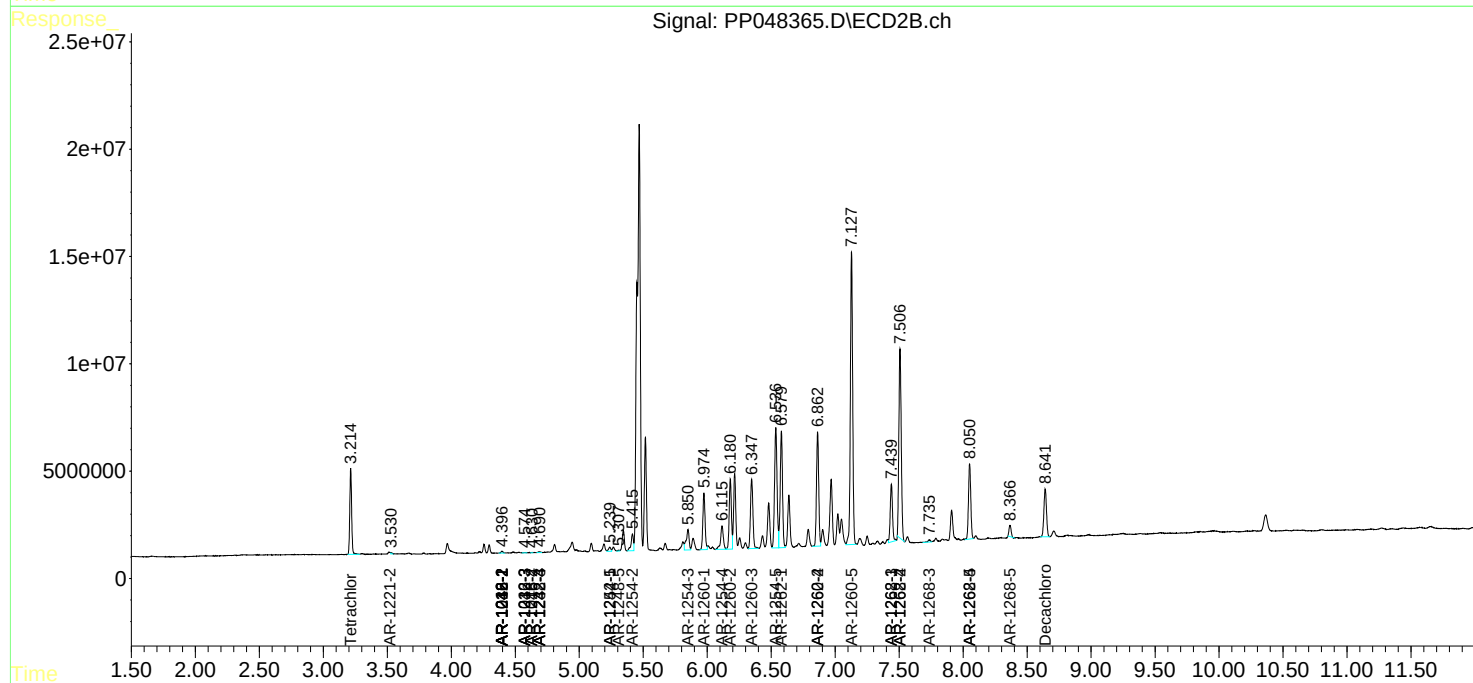
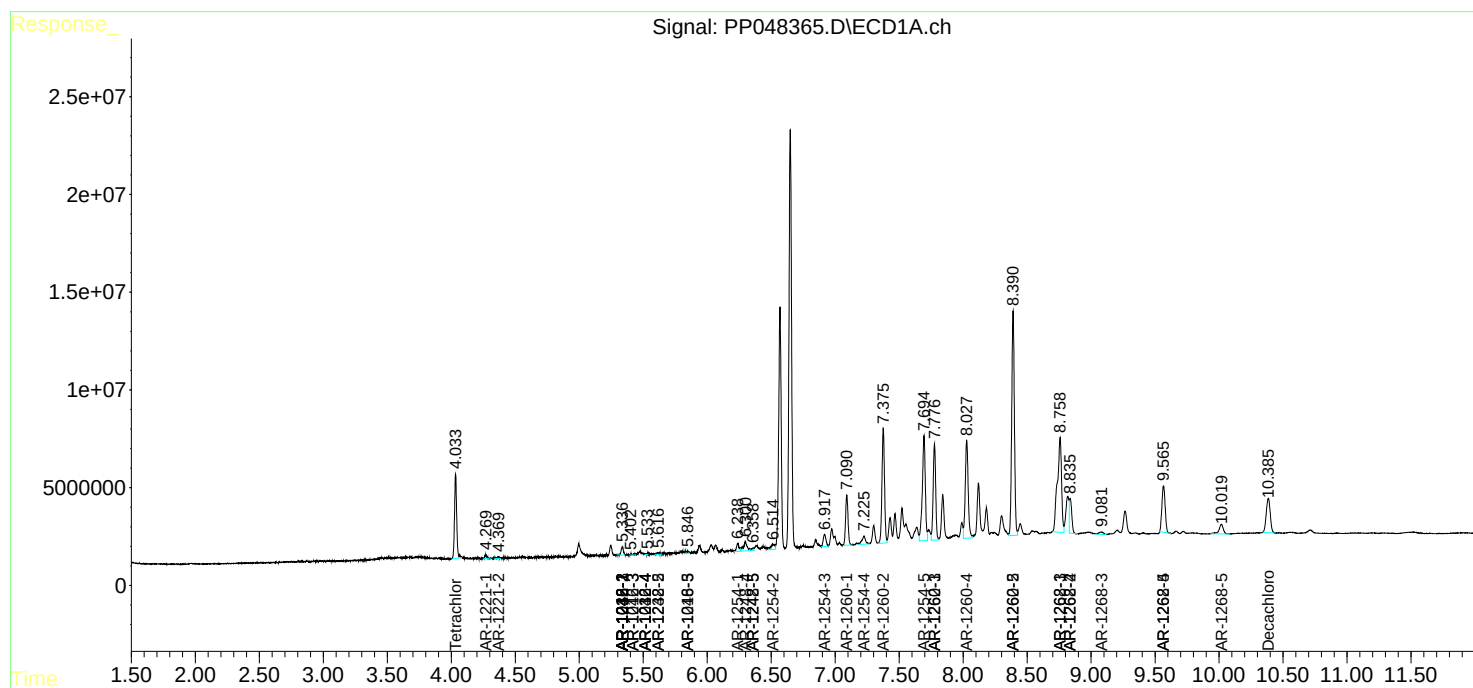
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

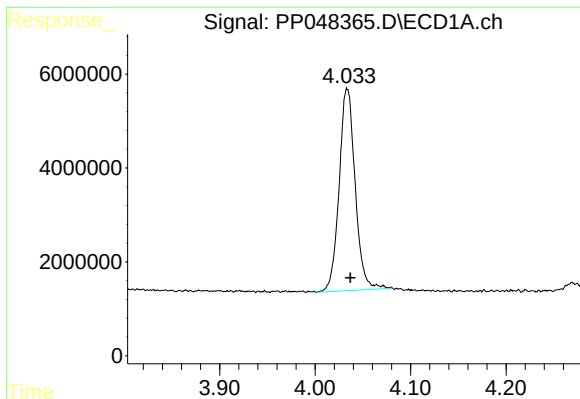
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060222\
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Integrator: ChemStation

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

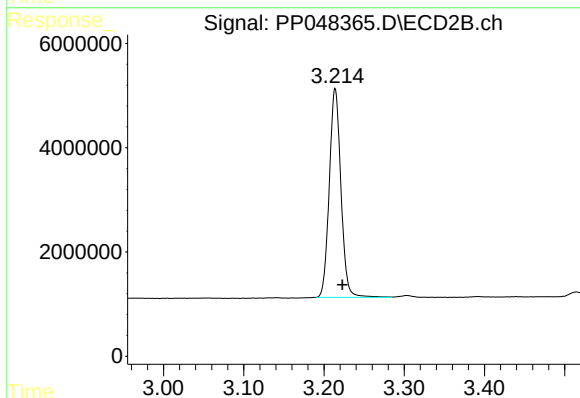




#1 Tetrachloro-m-xylene

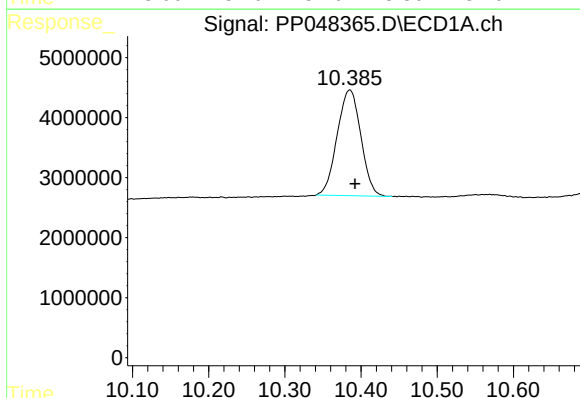
R.T.: 4.034 min
Delta R.T.: -0.003 min
Response: 50356288
Conc: 21.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



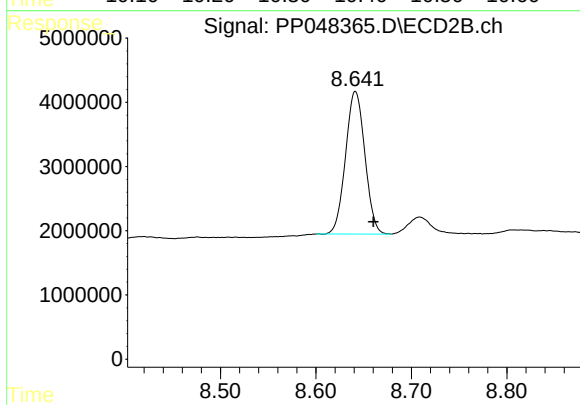
#1 Tetrachloro-m-xylene

R.T.: 3.214 min
Delta R.T.: -0.009 min
Response: 40368475
Conc: 20.48 ng/ml



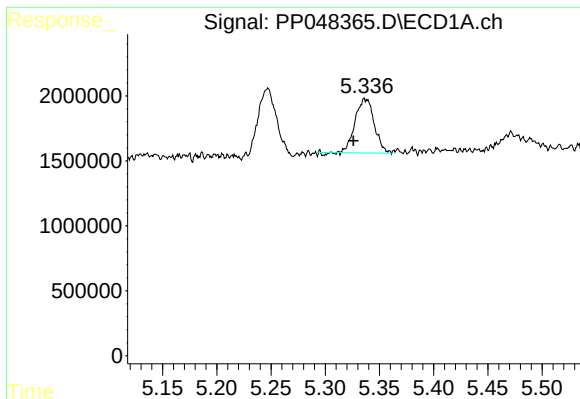
#2 Decachlorobiphenyl

R.T.: 10.385 min
Delta R.T.: -0.007 min
Response: 38002924
Conc: 19.55 ng/ml



#2 Decachlorobiphenyl

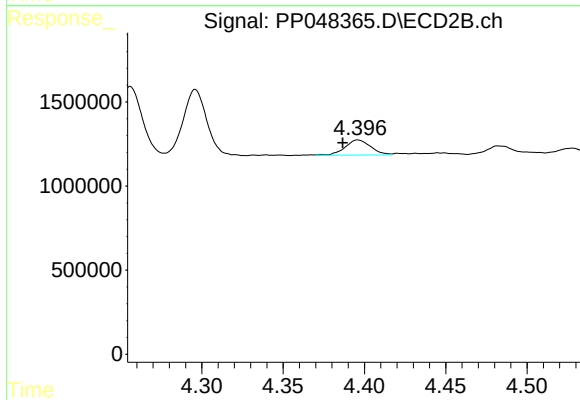
R.T.: 8.641 min
Delta R.T.: -0.019 min
Response: 31211440
Conc: 19.31 ng/ml



#3 AR-1016-1

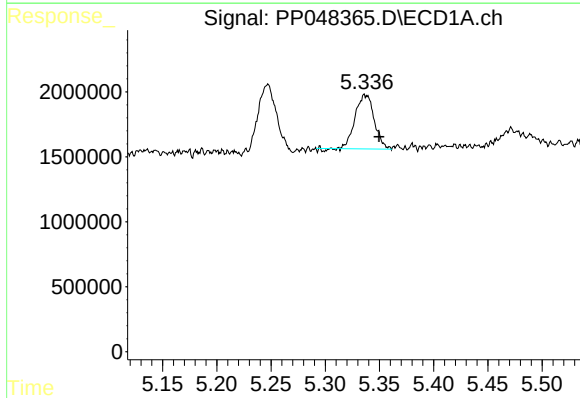
R.T.: 5.337 min
Delta R.T.: 0.011 min
Response: 5055354
Conc: 59.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



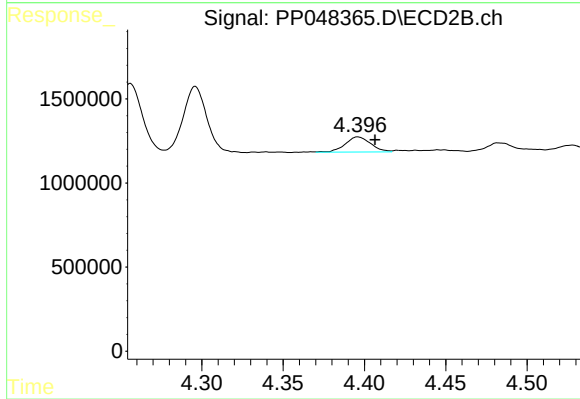
#3 AR-1016-1

R.T.: 4.396 min
Delta R.T.: 0.009 min
Response: 980148
Conc: 14.57 ng/ml



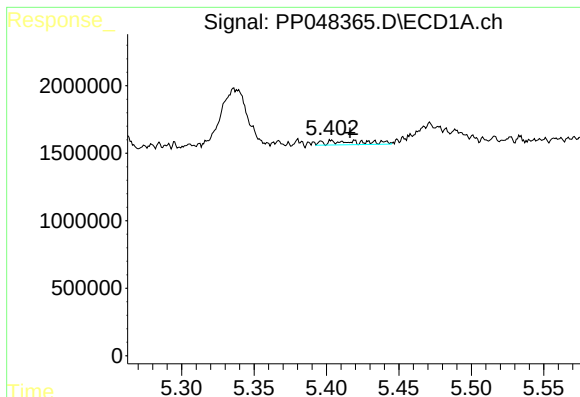
#4 AR-1016-2

R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 5055354
Conc: 42.73 ng/ml



#4 AR-1016-2

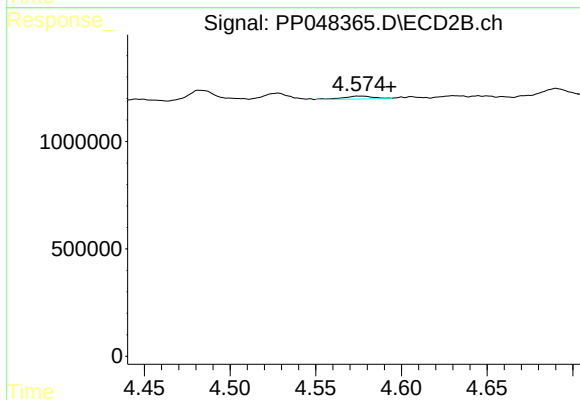
R.T.: 4.396 min
Delta R.T.: -0.011 min
Response: 980148
Conc: 10.52 ng/ml



#5 AR-1016-3

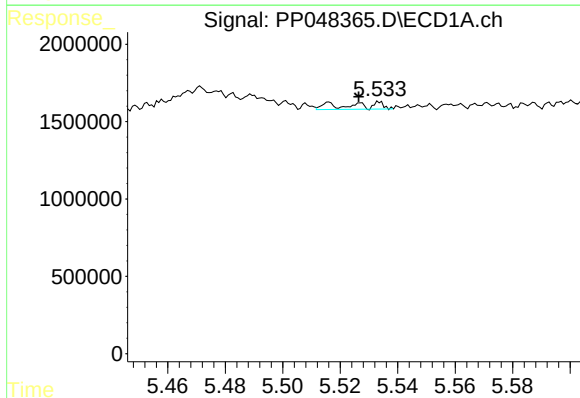
R.T.: 5.419 min
Delta R.T.: 0.003 min
Response: 552242
Conc: 8.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



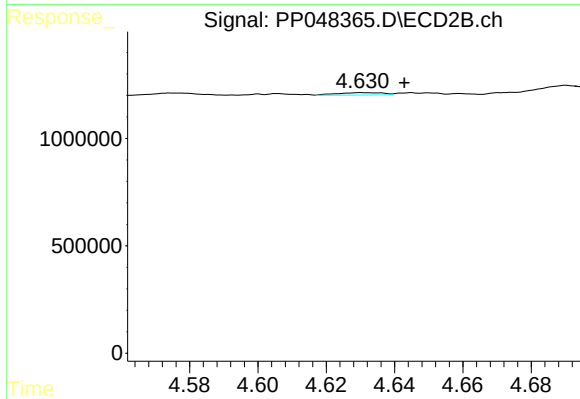
#5 AR-1016-3

R.T.: 4.574 min
Delta R.T.: -0.020 min
Response: 176137
Conc: 3.44 ng/ml



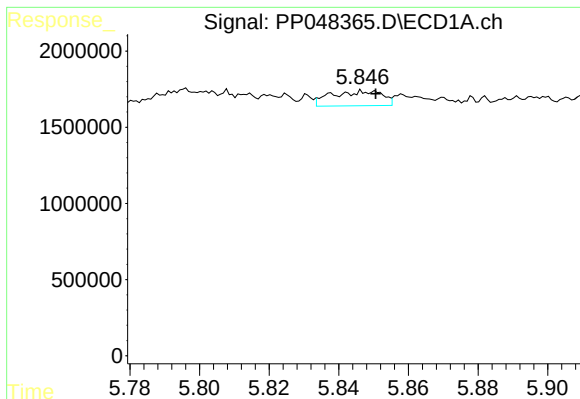
#6 AR-1016-4

R.T.: 5.516 min
Delta R.T.: -0.010 min
Response: 376111
Conc: 6.10 ng/ml



#6 AR-1016-4

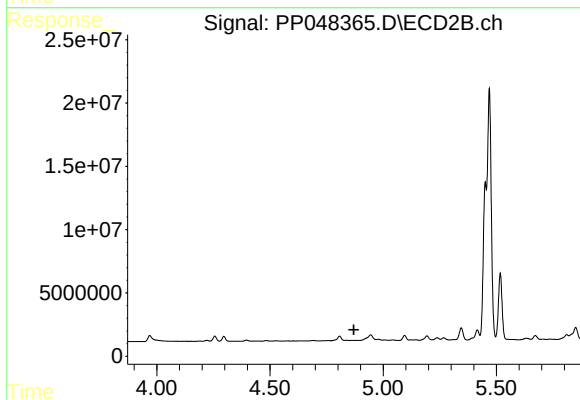
R.T.: 4.630 min
Delta R.T.: -0.012 min
Response: 104301
Conc: 2.74 ng/ml



#7 AR-1016-5

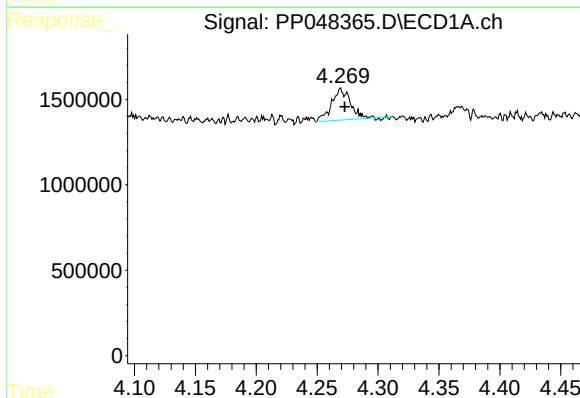
R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 976697
Conc: 17.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



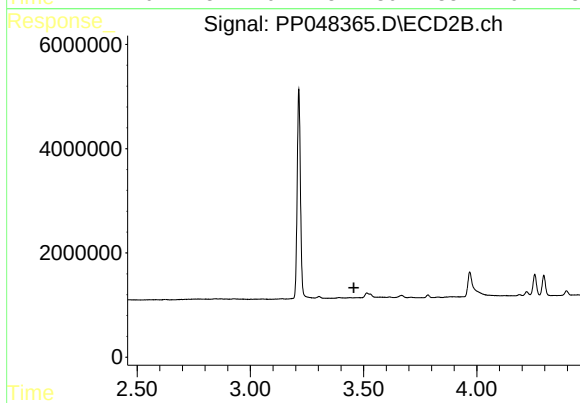
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



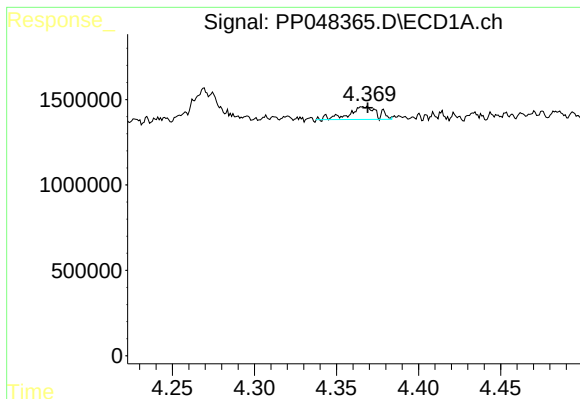
#8 AR-1221-1

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 1918722
Conc: 72.58 ng/ml



#8 AR-1221-1

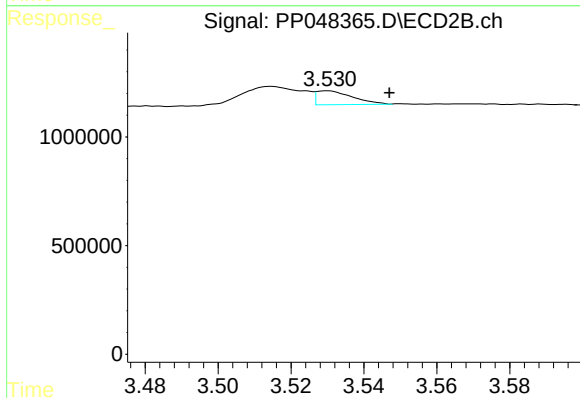
R.T.: 0.000 min
Exp R.T. : 3.457 min
Response: 0
Conc: N.D.



#9 AR-1221-2

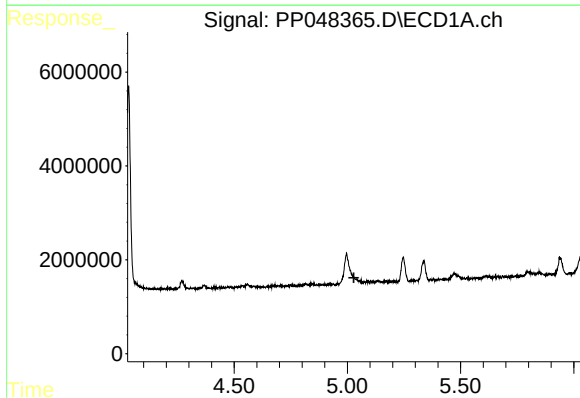
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 882499
Conc: 43.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



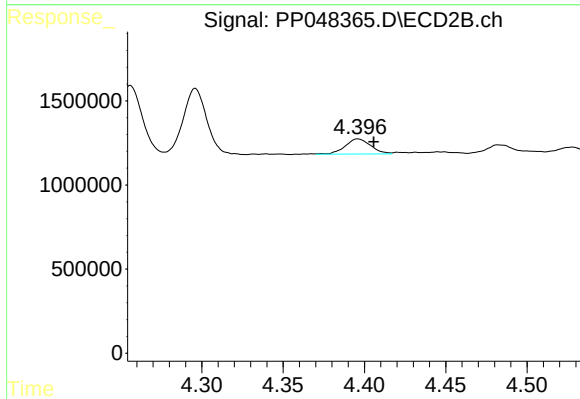
#9 AR-1221-2

R.T.: 3.530 min
Delta R.T.: -0.017 min
Response: 433472
Conc: 28.22 ng/ml



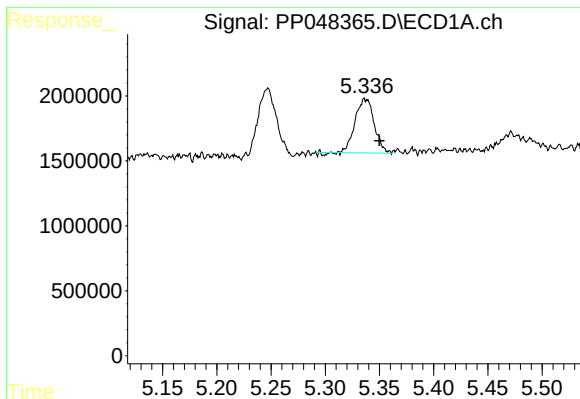
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.029 min
Response: 0
Conc: N.D.



#12 AR-1232-2

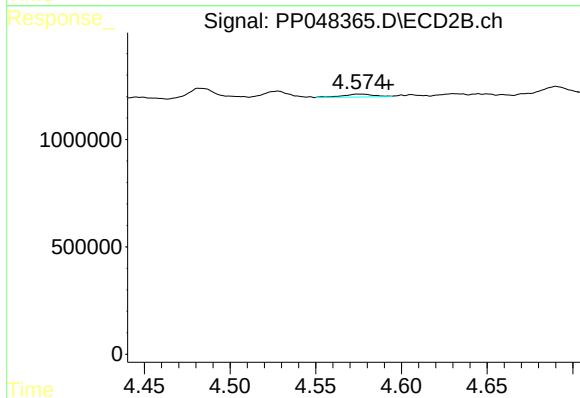
R.T.: 4.396 min
Delta R.T.: -0.010 min
Response: 980148
Conc: 24.33 ng/ml



#13 AR-1232-3

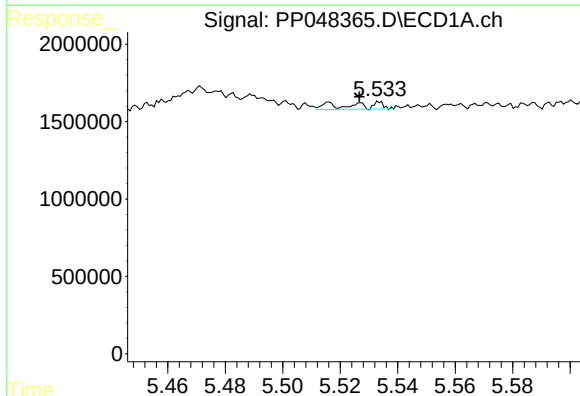
R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 5055354
Conc: 101.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



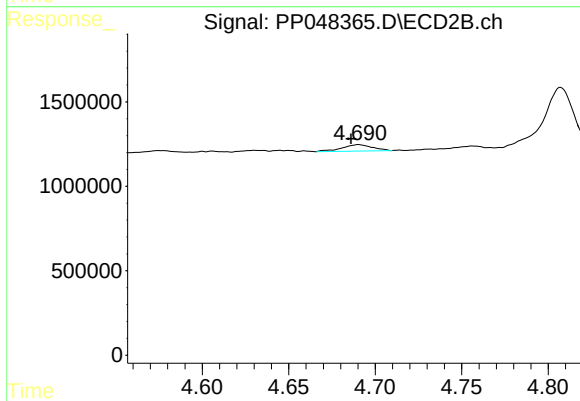
#13 AR-1232-3

R.T.: 4.574 min
Delta R.T.: -0.018 min
Response: 176137
Conc: 8.54 ng/ml



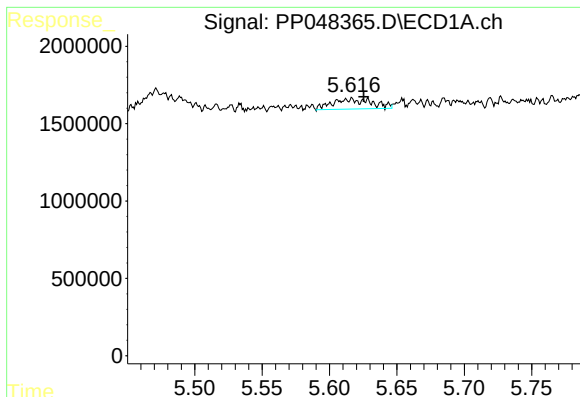
#14 AR-1232-4

R.T.: 5.516 min
Delta R.T.: -0.011 min
Response: 376111
Conc: 15.73 ng/ml



#14 AR-1232-4

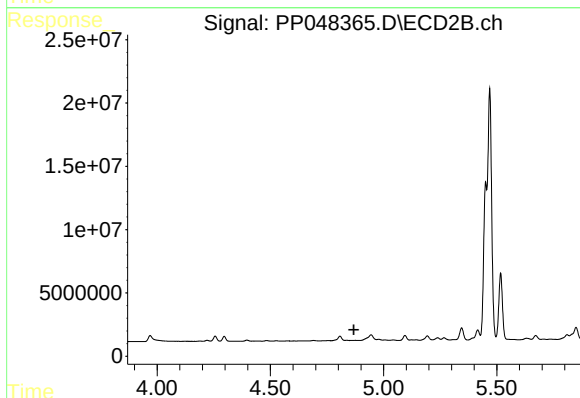
R.T.: 4.690 min
Delta R.T.: 0.004 min
Response: 470048
Conc: 27.09 ng/ml



#15 AR-1232-5

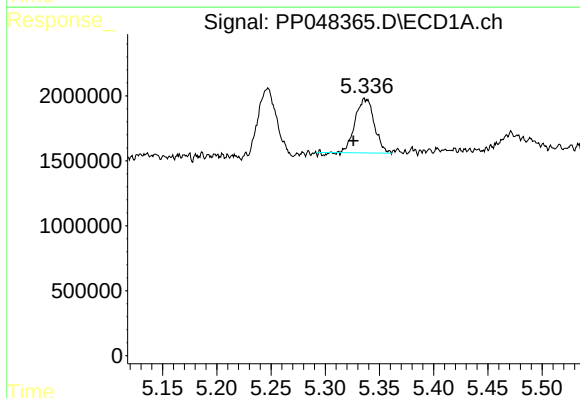
R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 1336145
Conc: 81.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



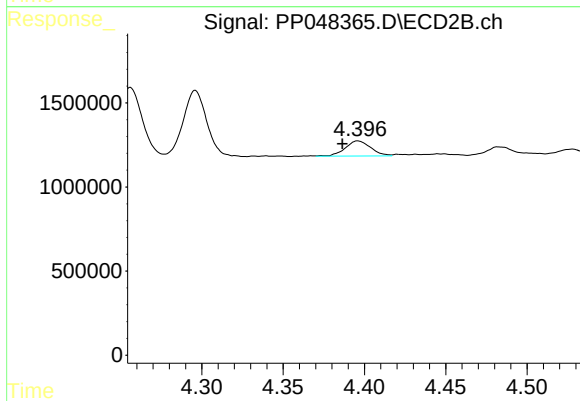
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



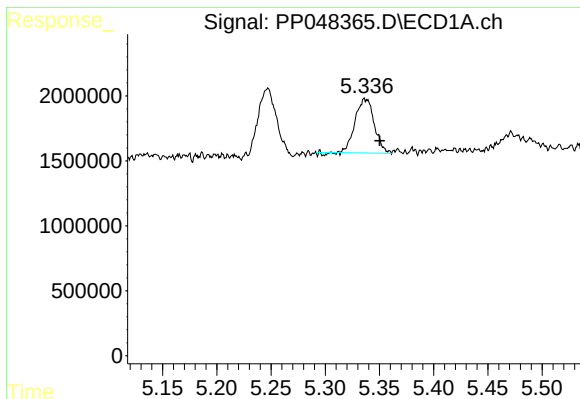
#16 AR-1242-1

R.T.: 5.337 min
Delta R.T.: 0.011 min
Response: 5055354
Conc: 90.40 ng/ml



#16 AR-1242-1

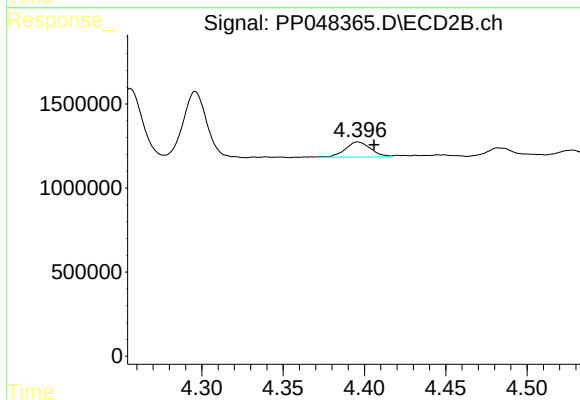
R.T.: 4.396 min
Delta R.T.: 0.010 min
Response: 980148
Conc: 20.55 ng/ml



#17 AR-1242-2

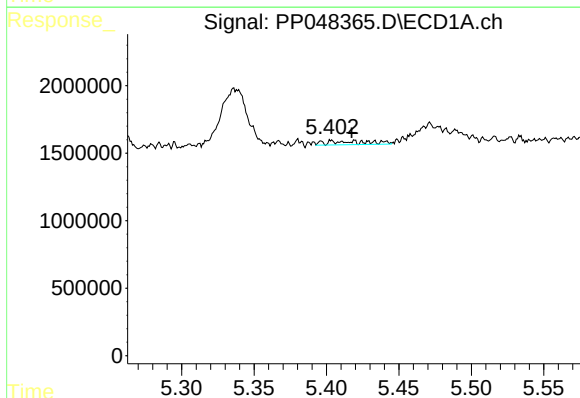
R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 5055354
Conc: 61.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



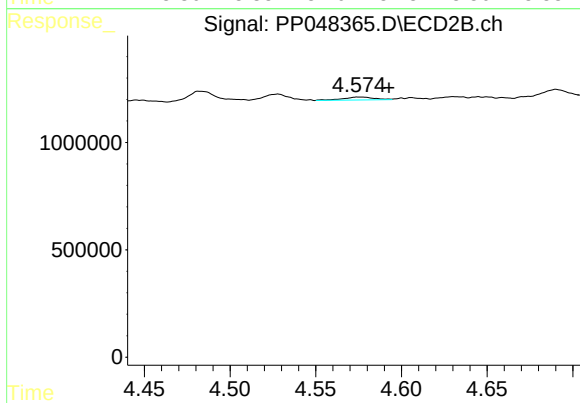
#17 AR-1242-2

R.T.: 4.396 min
Delta R.T.: -0.010 min
Response: 980148
Conc: 14.75 ng/ml



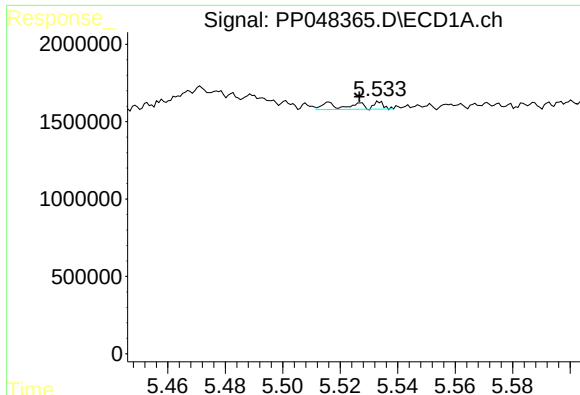
#18 AR-1242-3

R.T.: 5.419 min
Delta R.T.: 0.002 min
Response: 552242
Conc: 11.25 ng/ml



#18 AR-1242-3

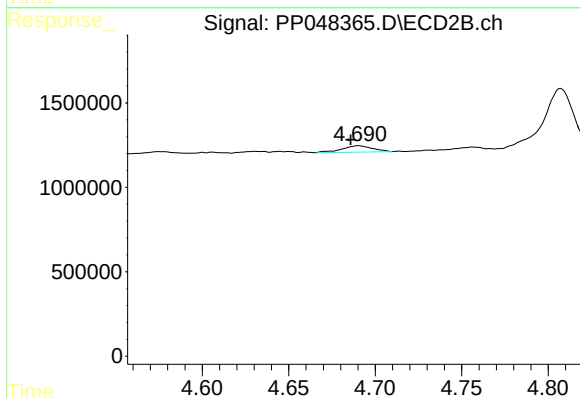
R.T.: 4.574 min
Delta R.T.: -0.018 min
Response: 176137
Conc: 5.08 ng/ml



#19 AR-1242-4

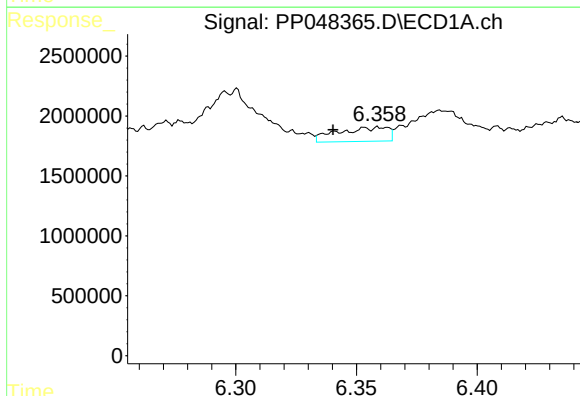
R.T.: 5.516 min
Delta R.T.: -0.011 min
Response: 376111
Conc: 9.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



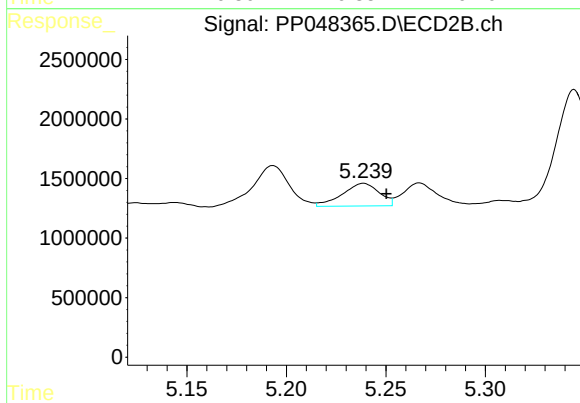
#19 AR-1242-4

R.T.: 4.690 min
Delta R.T.: 0.004 min
Response: 470048
Conc: 14.63 ng/ml



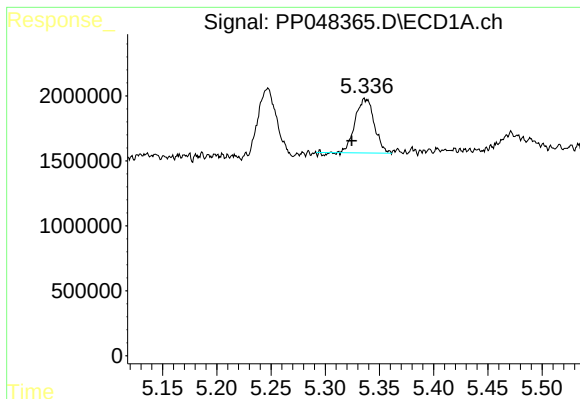
#20 AR-1242-5

R.T.: 6.353 min
Delta R.T.: 0.013 min
Response: 1713171
Conc: 40.23 ng/ml



#20 AR-1242-5

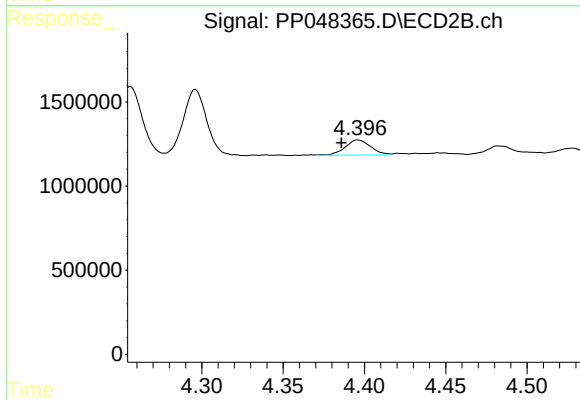
R.T.: 5.239 min
Delta R.T.: -0.012 min
Response: 2452946
Conc: 58.74 ng/ml



#21 AR-1248-1

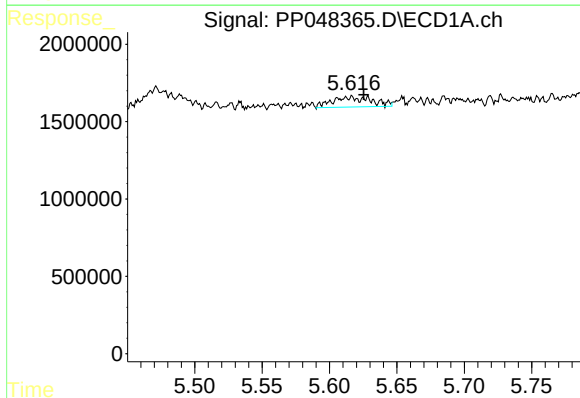
R.T.: 5.337 min
Delta R.T.: 0.013 min
Response: 5055354
Conc: 117.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



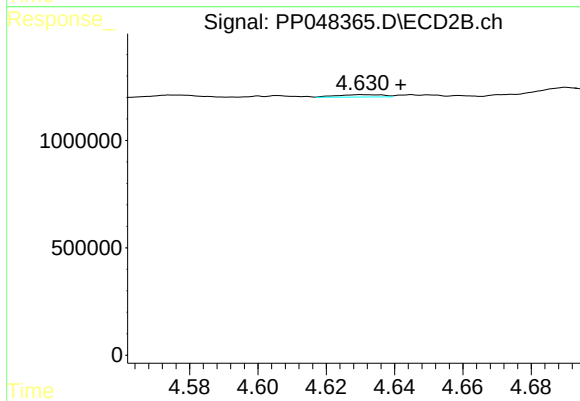
#21 AR-1248-1

R.T.: 4.396 min
Delta R.T.: 0.010 min
Response: 980148
Conc: 26.78 ng/ml



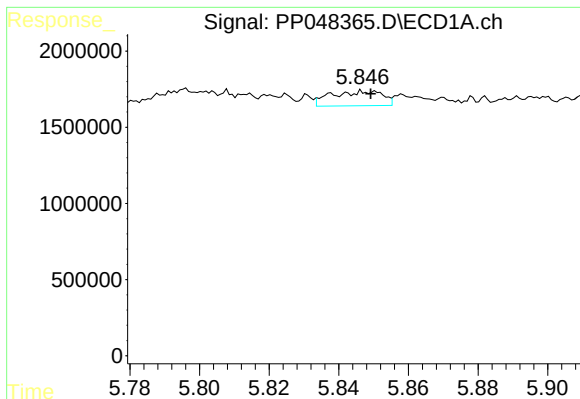
#22 AR-1248-2

R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 1336145
Conc: 23.36 ng/ml



#22 AR-1248-2

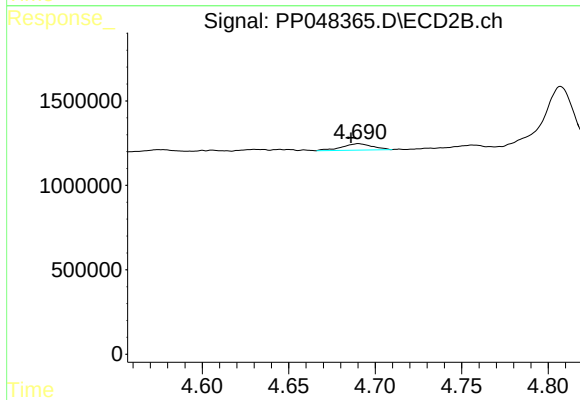
R.T.: 4.630 min
Delta R.T.: -0.011 min
Response: 104301
Conc: 2.19 ng/ml



#23 AR-1248-3

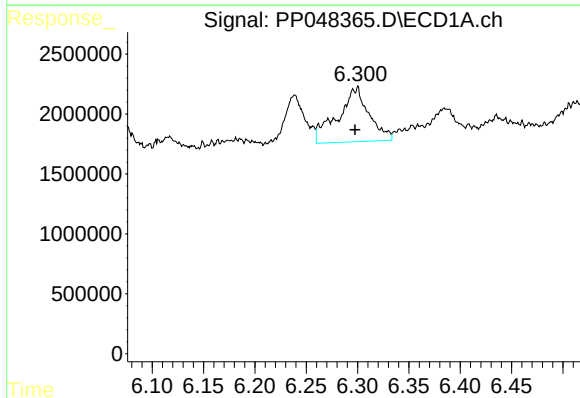
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 976697
Conc: 14.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



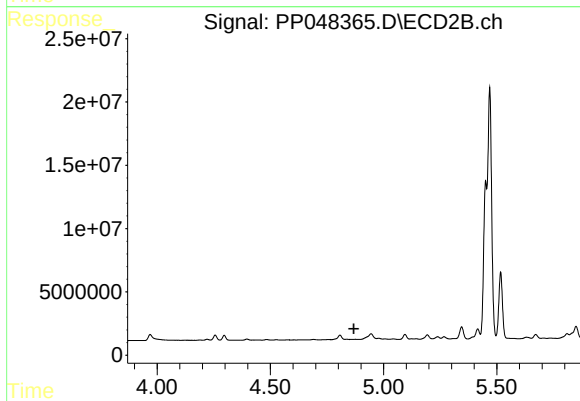
#23 AR-1248-3

R.T.: 4.690 min
Delta R.T.: 0.004 min
Response: 470048
Conc: 9.49 ng/ml



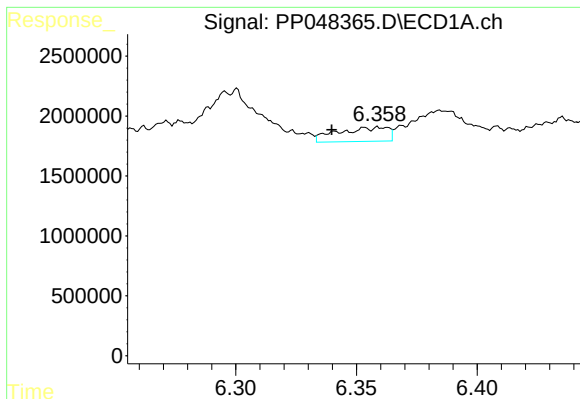
#24 AR-1248-4

R.T.: 6.300 min
Delta R.T.: 0.002 min
Response: 9620510
Conc: 123.71 ng/ml



#24 AR-1248-4

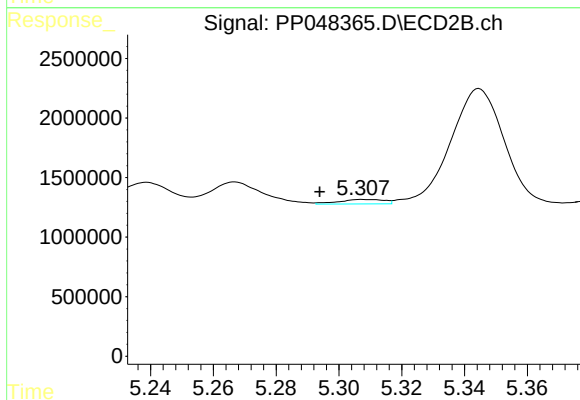
R.T.: 0.000 min
Exp R.T. : 4.869 min
Response: 0
Conc: N.D.



#25 AR-1248-5

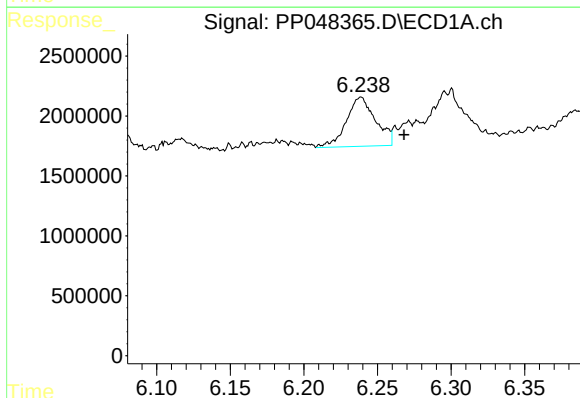
R.T.: 6.353 min
Delta R.T.: 0.014 min
Response: 1713171
Conc: 22.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



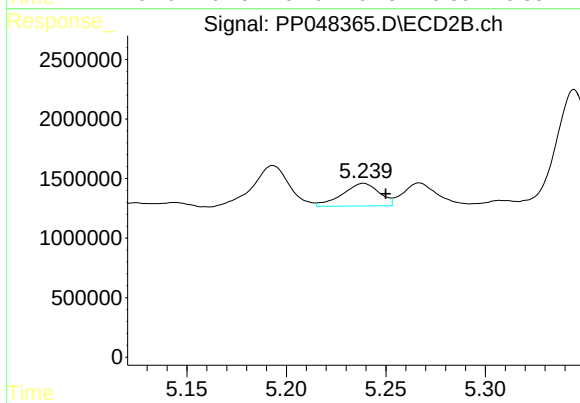
#25 AR-1248-5

R.T.: 5.308 min
Delta R.T.: 0.014 min
Response: 381324
Conc: 6.32 ng/ml



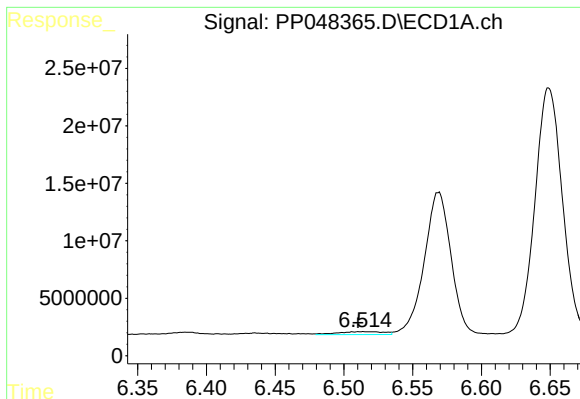
#26 AR-1254-1

R.T.: 6.239 min
Delta R.T.: -0.029 min
Response: 5673830
Conc: 78.16 ng/ml



#26 AR-1254-1

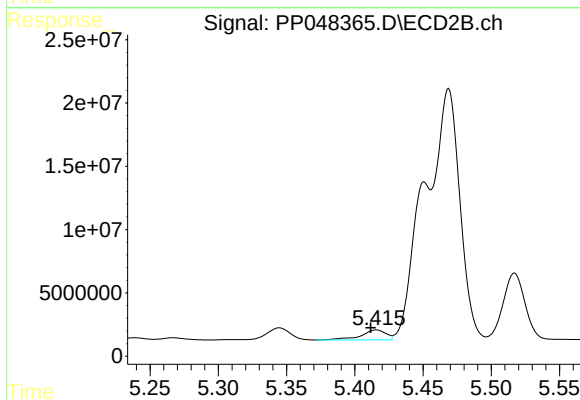
R.T.: 5.239 min
Delta R.T.: -0.011 min
Response: 2452946
Conc: 27.98 ng/ml



#27 AR-1254-2

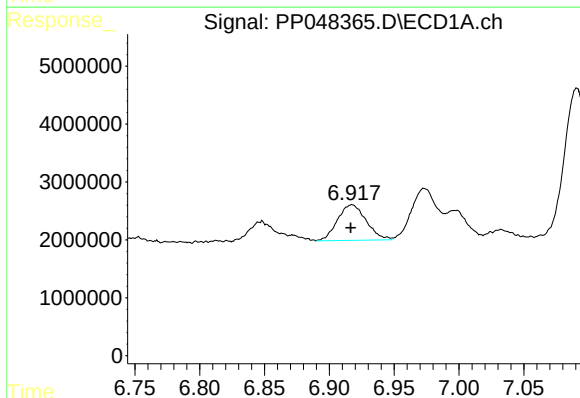
R.T.: 6.513 min
Delta R.T.: 0.003 min
Response: 5942600
Conc: 49.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



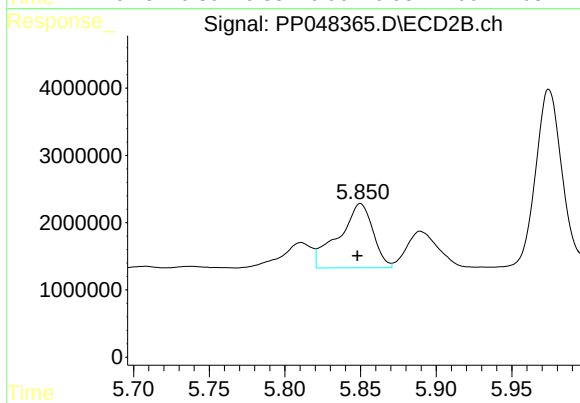
#27 AR-1254-2

R.T.: 5.416 min
Delta R.T.: 0.004 min
Response: 10006586
Conc: 133.18 ng/ml



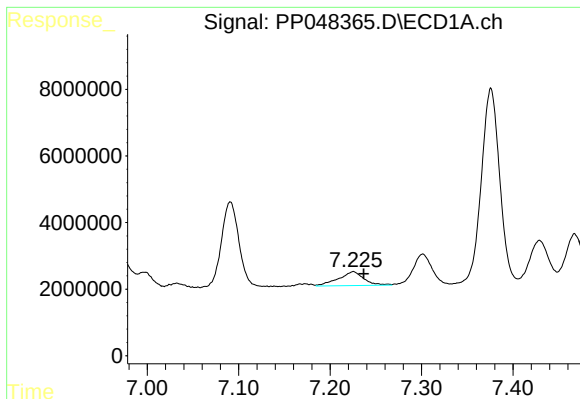
#28 AR-1254-3

R.T.: 6.918 min
Delta R.T.: 0.001 min
Response: 9438112
Conc: 79.45 ng/ml



#28 AR-1254-3

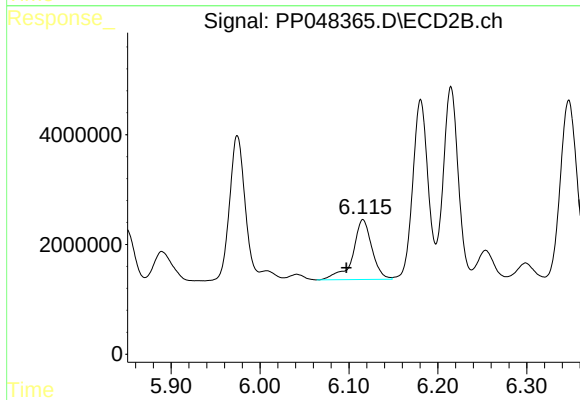
R.T.: 5.850 min
Delta R.T.: 0.002 min
Response: 15028031
Conc: 122.48 ng/ml



#29 AR-1254-4

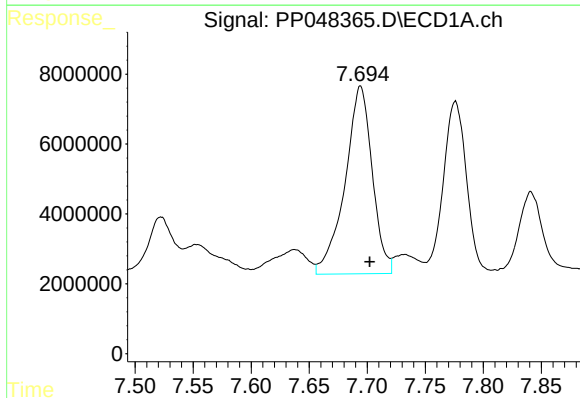
R.T.: 7.225 min
Delta R.T.: -0.011 min
Response: 8034512
Conc: 89.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



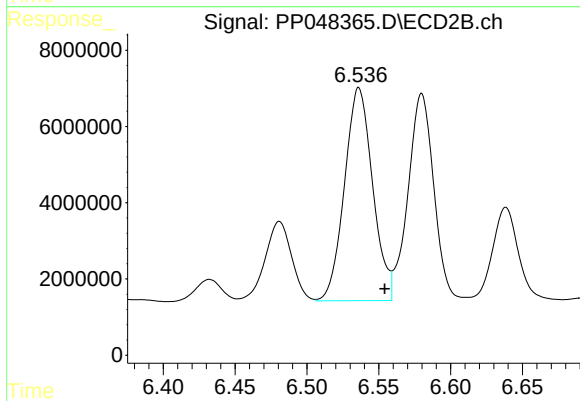
#29 AR-1254-4

R.T.: 6.116 min
Delta R.T.: 0.019 min
Response: 16279992
Conc: 216.81 ng/ml



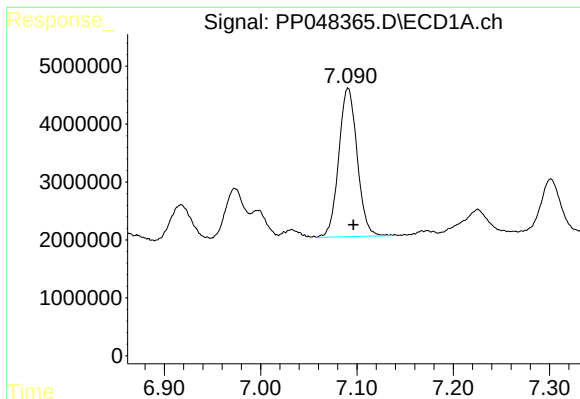
#30 AR-1254-5

R.T.: 7.694 min
Delta R.T.: -0.008 min
Response: 87709722
Conc: 946.53 ng/ml



#30 AR-1254-5

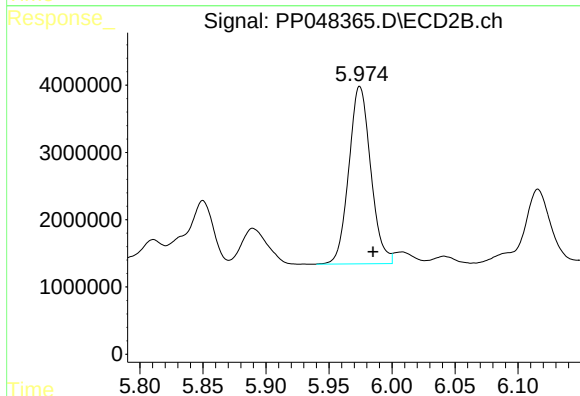
R.T.: 6.536 min
Delta R.T.: -0.018 min
Response: 76314383
Conc: 753.82 ng/ml



#31 AR-1260-1

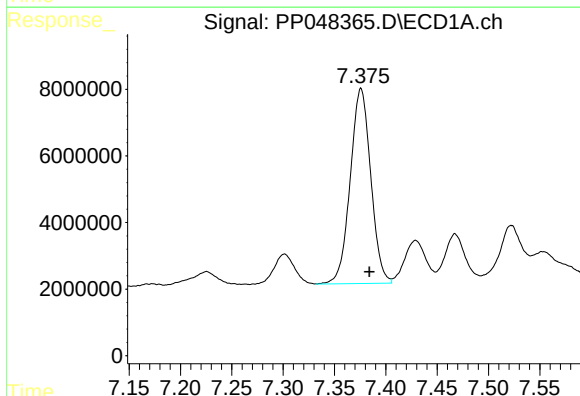
R.T.: 7.091 min
Delta R.T.: -0.005 min
Response: 34025512
Conc: 364.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



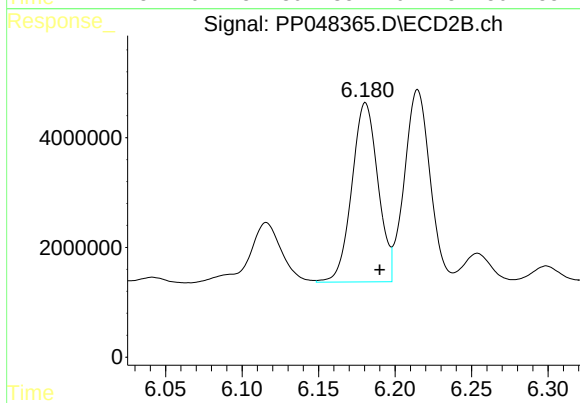
#31 AR-1260-1

R.T.: 5.974 min
Delta R.T.: -0.011 min
Response: 31935414
Conc: 373.06 ng/ml



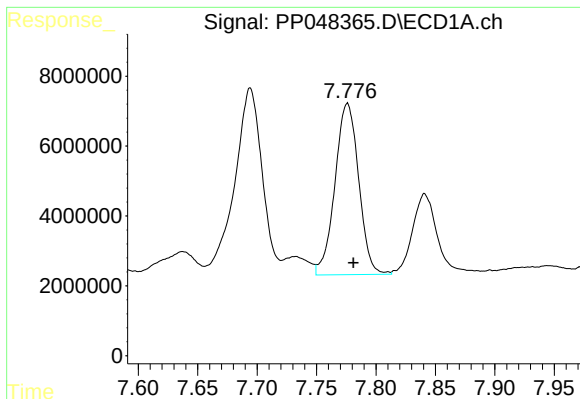
#32 AR-1260-2

R.T.: 7.376 min
Delta R.T.: -0.008 min
Response: 81668906
Conc: 730.58 ng/ml



#32 AR-1260-2

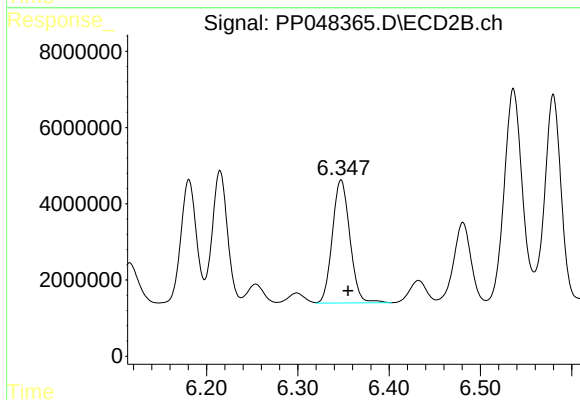
R.T.: 6.181 min
Delta R.T.: -0.009 min
Response: 38767577
Conc: 376.10 ng/ml



#33 AR-1260-3

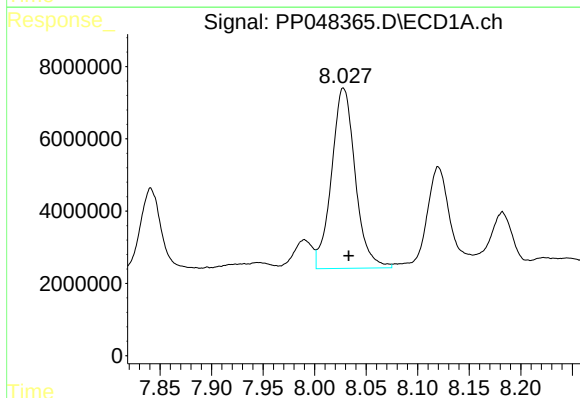
R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 68175437
Conc: 795.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



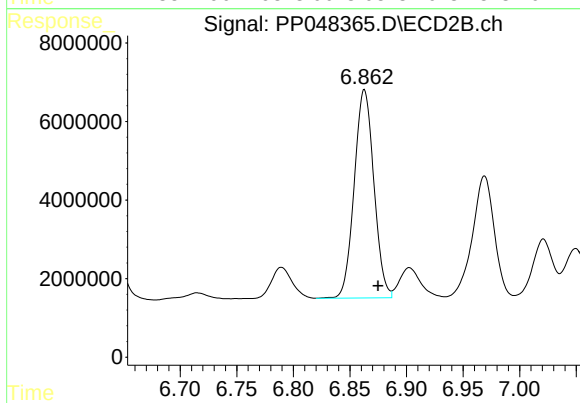
#33 AR-1260-3

R.T.: 6.347 min
Delta R.T.: -0.008 min
Response: 43126528
Conc: 435.52 ng/ml



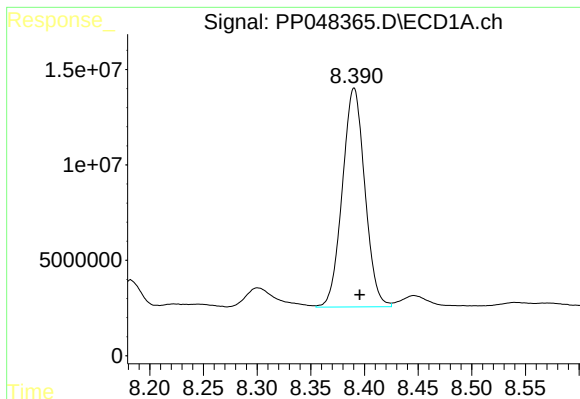
#34 AR-1260-4

R.T.: 8.028 min
Delta R.T.: -0.005 min
Response: 79797508
Conc: 769.08 ng/ml



#34 AR-1260-4

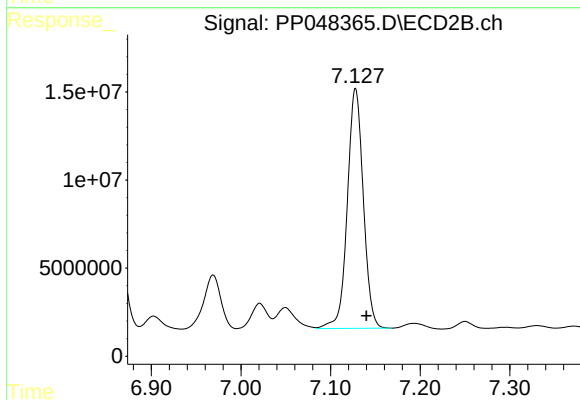
R.T.: 6.863 min
Delta R.T.: -0.012 min
Response: 64007865
Conc: 768.86 ng/ml



#35 AR-1260-5

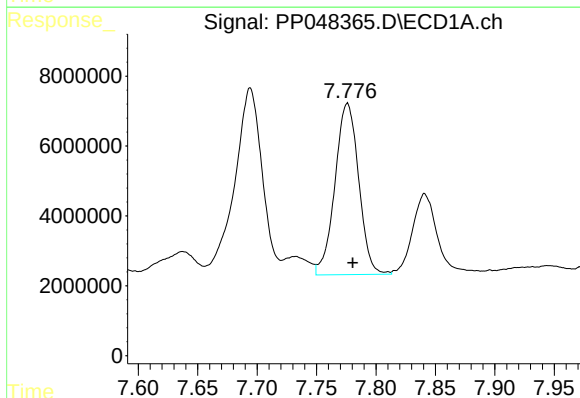
R.T.: 8.390 min
Delta R.T.: -0.005 min
Response: 167326870
Conc: 810.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



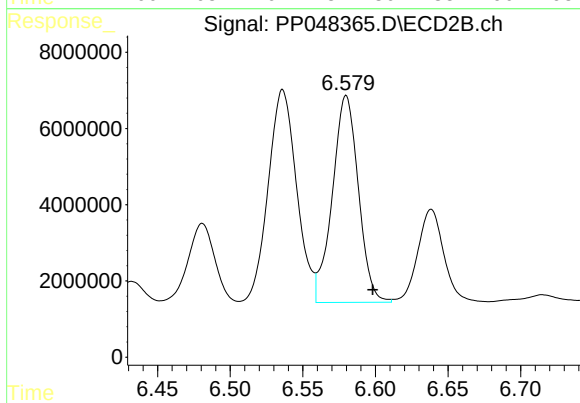
#35 AR-1260-5

R.T.: 7.128 min
Delta R.T.: -0.012 min
Response: 168758851
Conc: 850.55 ng/ml



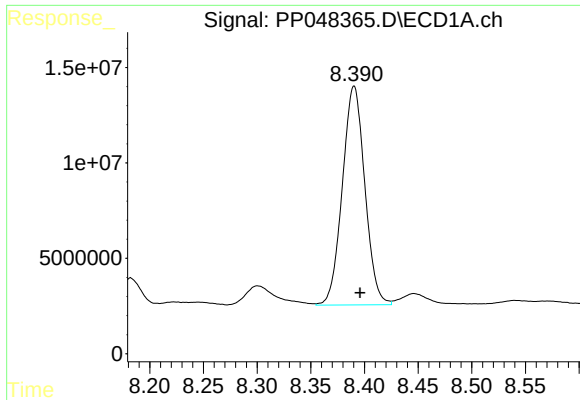
#36 AR-1262-1

R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 68175437
Conc: 597.77 ng/ml



#36 AR-1262-1

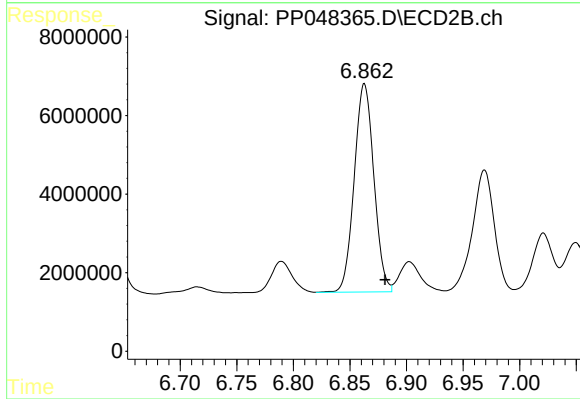
R.T.: 6.580 min
Delta R.T.: -0.018 min
Response: 67790102
Conc: 627.44 ng/ml



#37 AR-1262-2

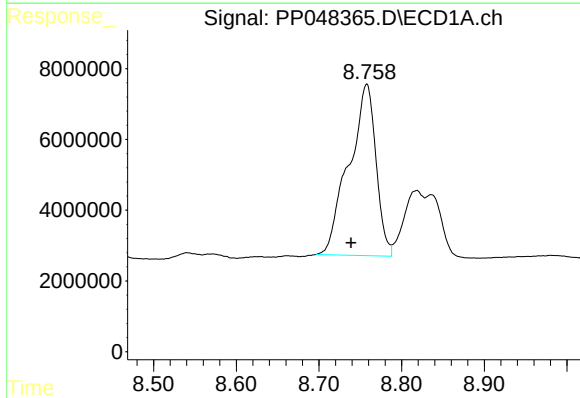
R.T.: 8.390 min
Delta R.T.: -0.005 min
Response: 167326870
Conc: 785.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



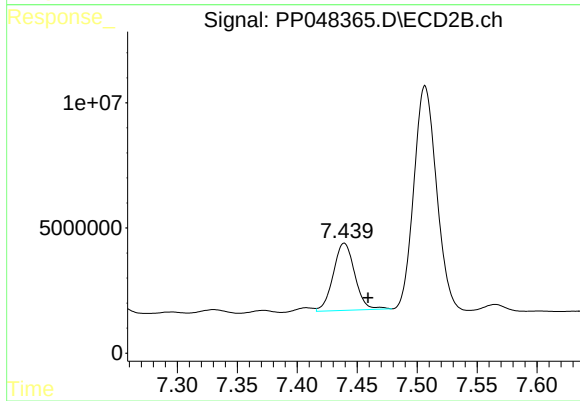
#37 AR-1262-2

R.T.: 6.863 min
Delta R.T.: -0.018 min
Response: 64007865
Conc: 646.78 ng/ml



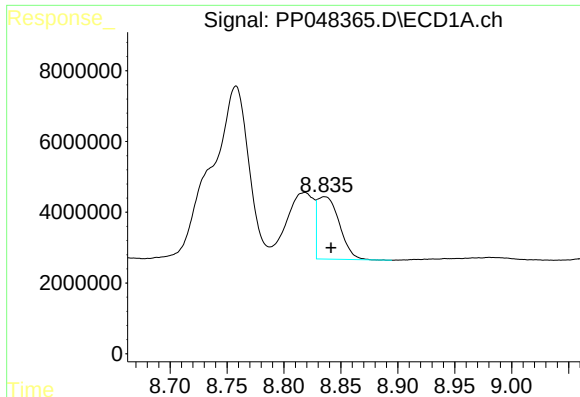
#38 AR-1262-3

R.T.: 8.758 min
Delta R.T.: 0.019 min
Response: 110237687
Conc: 1182.89 ng/ml



#38 AR-1262-3

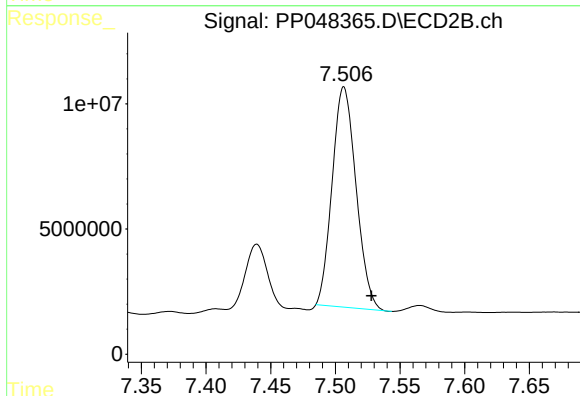
R.T.: 7.439 min
Delta R.T.: -0.020 min
Response: 33526104
Conc: 445.50 ng/ml



#39 AR-1262-4

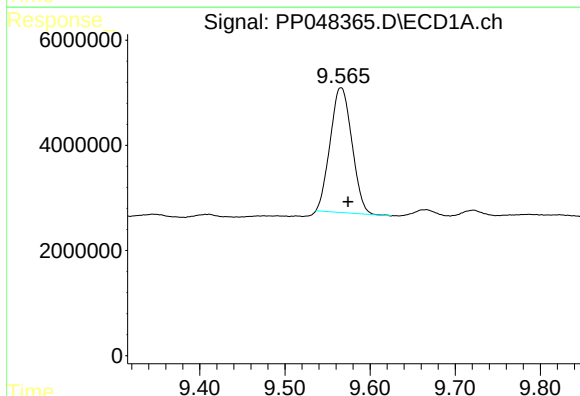
R.T.: 8.836 min
Delta R.T.: -0.006 min
Response: 23744490
Conc: 399.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



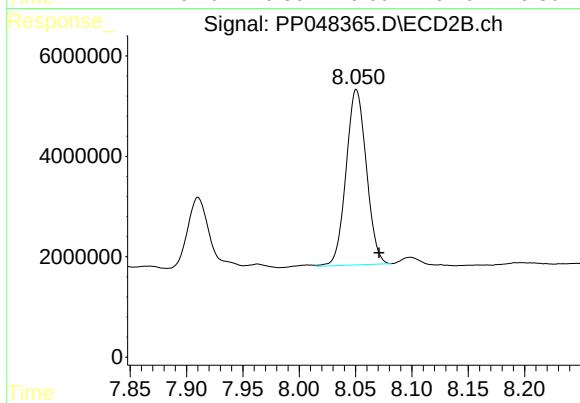
#39 AR-1262-4

R.T.: 7.507 min
Delta R.T.: -0.021 min
Response: 113111283
Conc: 776.62 ng/ml



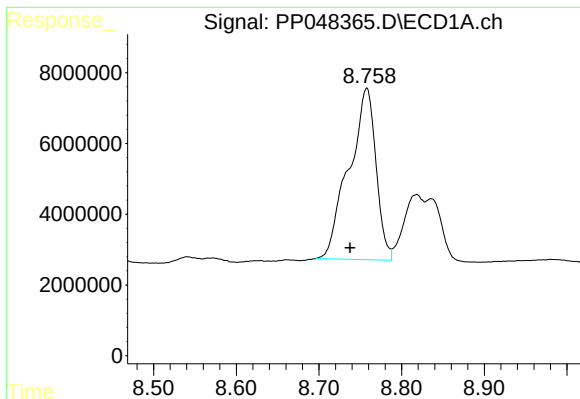
#40 AR-1262-5

R.T.: 9.566 min
Delta R.T.: -0.008 min
Response: 42123754
Conc: 532.22 ng/ml



#40 AR-1262-5

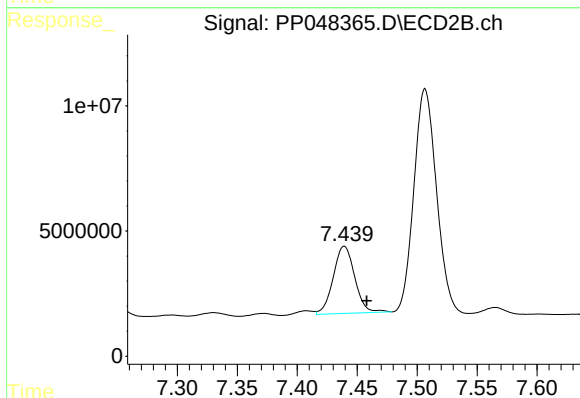
R.T.: 8.051 min
Delta R.T.: -0.020 min
Response: 43772846
Conc: 648.55 ng/ml



#41 AR-1268-1

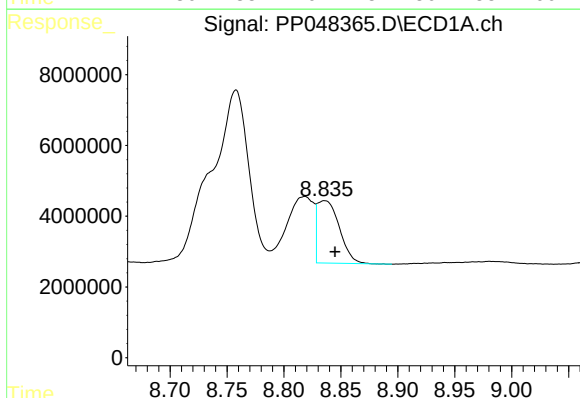
R.T.: 8.758 min
Delta R.T.: 0.020 min
Response: 110237687
Conc: 416.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



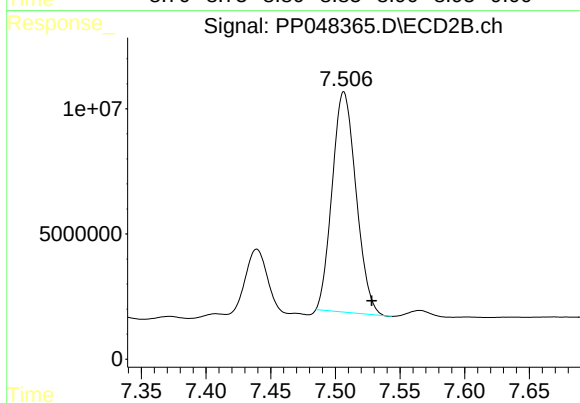
#41 AR-1268-1

R.T.: 7.439 min
Delta R.T.: -0.019 min
Response: 33526104
Conc: 143.55 ng/ml



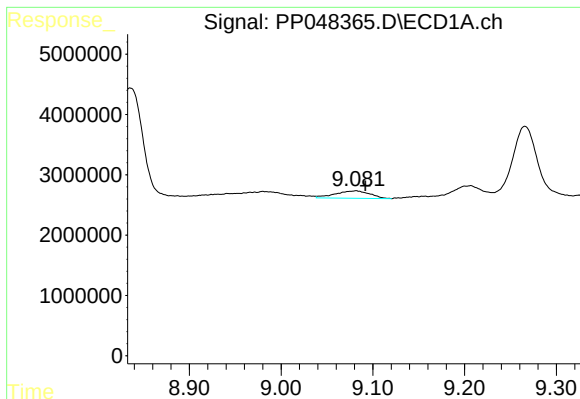
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: -0.009 min
Response: 23744490
Conc: 98.32 ng/ml



#42 AR-1268-2

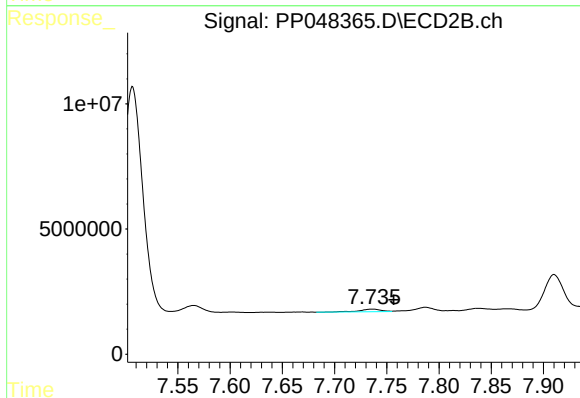
R.T.: 7.507 min
Delta R.T.: -0.022 min
Response: 113111283
Conc: 522.78 ng/ml



#43 AR-1268-3

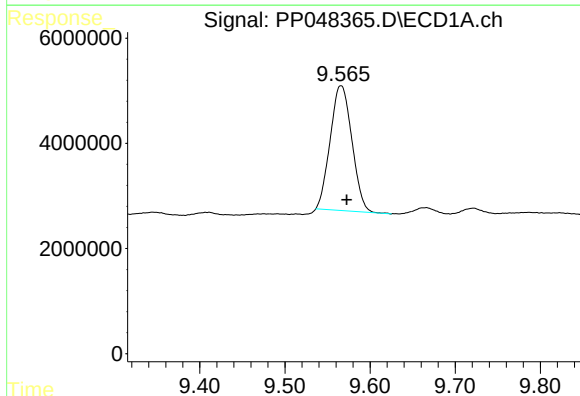
R.T.: 9.082 min
Delta R.T.: -0.010 min
Response: 3163220
Conc: 15.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



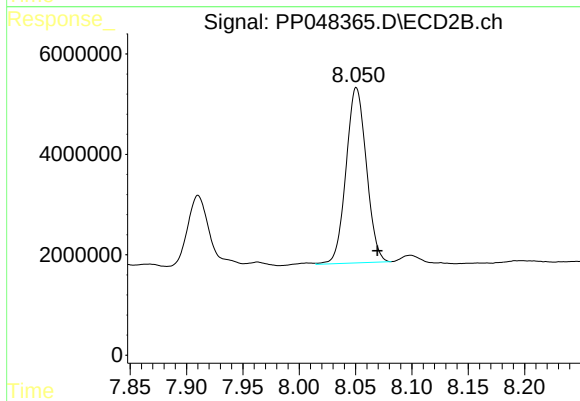
#43 AR-1268-3

R.T.: 7.736 min
Delta R.T.: -0.021 min
Response: 1454240
Conc: 7.82 ng/ml



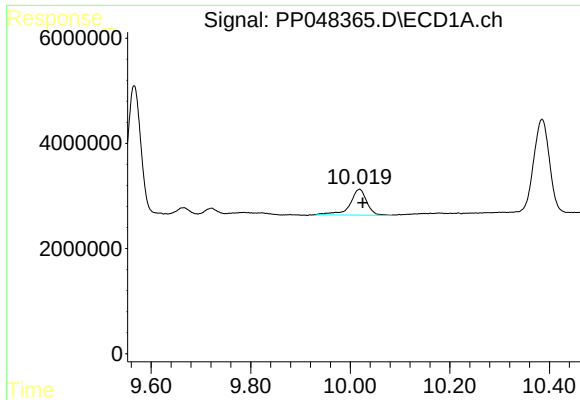
#44 AR-1268-4

R.T.: 9.566 min
Delta R.T.: -0.007 min
Response: 42123754
Conc: 468.93 ng/ml



#44 AR-1268-4

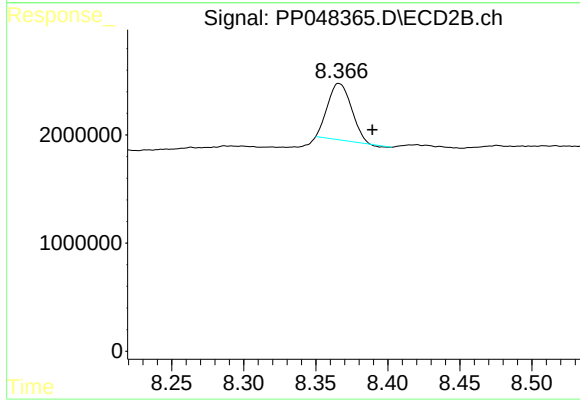
R.T.: 8.051 min
Delta R.T.: -0.019 min
Response: 43772846
Conc: 532.84 ng/ml



#45 AR-1268-5

R.T.: 10.018 min
Delta R.T.: -0.007 min
Response: 11460176
Conc: 16.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.366 min
Delta R.T.: -0.023 min
Response: 5961776
Conc: 9.84 ng/ml