

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041522\
 Data File : PP046120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 14:48
 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: Apr 15 16:53:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP041222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 12 05:31:12 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...	3.875	3.138	133.8E6	91362757	54.406	57.498
2)	SA Decachlor...	9.970	8.470	76643456	75620876	46.689	53.055
Target Compounds							
3)	L1 AR-1016-1	5.121	4.273	38588888	33135486	503.312	564.230
4)	L1 AR-1016-2	5.144	4.291	56623531	46728539	489.665	559.322
5)	L1 AR-1016-3	5.211	4.475	33467768	25293627	485.748	572.594
6)	L1 AR-1016-4	5.316	4.524	28152562	20390433	478.424	571.405
7)	L1 AR-1016-5	5.635	4.747	26543764	26874915	481.343	565.720
8)	L2 AR-1221-1	4.097	3.361	3958068	3679983	151.933	181.147
9)	L2 AR-1221-2	4.192	3.451	5791977	5223257	304.559	343.651
10)	L2 AR-1221-3	4.271	3.529	21901916	18685031	356.304	404.873
11)	L3 AR-1232-1	4.271	3.529	21901916	18685031	385.919	440.407
12)	L3 AR-1232-2	4.832	4.291	29119502	46728539	1091.967	1165.893
13)	L3 AR-1232-3	5.144	4.475	56623531	25293627	1051.931	1177.127
14)	L3 AR-1232-4	5.316	4.567	28152562	24697753	1064.231	1303.603
15)	L3 AR-1232-5	5.418	4.747	21930667	26874915	1189.741	1256.769
16)	L4 AR-1242-1	5.121	4.273	38588888	33135486	645.685	716.169
17)	L4 AR-1242-2	5.144	4.291	56623531	46728539	630.771	720.615
18)	L4 AR-1242-3	5.211	4.475	33467768	25293627	603.308	730.972
19)	L4 AR-1242-4	5.316	4.567	28152562	24697753	620.359	734.757
20)	L4 AR-1242-5	6.114	5.121	3992860	21069847	85.964	479.751 #
21)	L5 AR-1248-1	5.121	4.273	38588888	33135486	894.535	966.239
22)	L5 AR-1248-2	5.418	4.524	21930667	20390433	366.846	435.257
23)	L5 AR-1248-3	5.635	4.567	26543764	24697753	379.457	505.288 #
24)	L5 AR-1248-4	6.073	4.747	4773171	26874915	60.371	462.551 #
25)	L5 AR-1248-5	6.114	5.164	3992860	3419157	50.999	58.253
26)	L6 AR-1254-1	6.044	5.121	15503879	21069847	187.587	238.864 #
27)	L6 AR-1254-2	6.282	5.281	18535963	17319972	150.520	229.488 #
28)	L6 AR-1254-3	6.683	5.727	10816737	33123919	89.985	281.641 #
29)	L6 AR-1254-4	6.995	5.960	5671841	5181459	64.309	68.660
30)	L6 AR-1254-5	7.453	6.409	52238794	56166310	557.646	548.219
31)	L7 AR-1260-1	6.861	5.850	40805875	44105132	462.262	557.253
32)	L7 AR-1260-2	7.144	6.057	48483401	54026586	473.260	577.149
33)	L7 AR-1260-3	7.539	6.219	38451318	47502762	466.727	536.249
34)	L7 AR-1260-4	7.786	6.729	40514074	40481946	478.100	563.766
35)	L7 AR-1260-5	8.126	6.997	77673498	93089781	472.949	548.023
36)	L8 AR-1262-1	7.539	6.450	38451318	44636885	334.176	422.034 #
37)	L8 AR-1262-2	8.126	6.729	77673498	40481946	433.607	429.964
38)	L8 AR-1262-3	8.467	7.301	52989287	22436234	406.668	293.052 #
39)	L8 AR-1262-4	8.528f	7.371	36197698	68788970	574.728	483.517
40)	L8 AR-1262-5	9.221	7.915	25909551	26334346	379.461	375.923
41)	L9 AR-1268-1	8.467	7.301	52989287	22436234	194.854	101.126 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

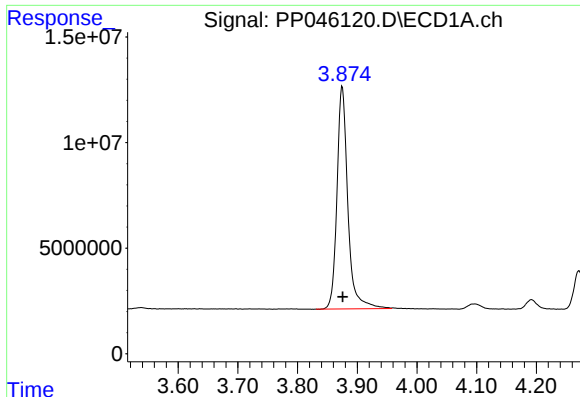
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 16:53:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP041222.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.528f	7.371	36197698	68788970	143.081	339.504 #
43) L9	AR-1268-3	8.779	7.593	1617145	1254141	7.116	7.364
44) L9	AR-1268-4	9.221	7.915	25909551	26334346	287.096	333.664
45) L9	AR-1268-5	9.638	8.216	8480833	7143655	12.474	12.889

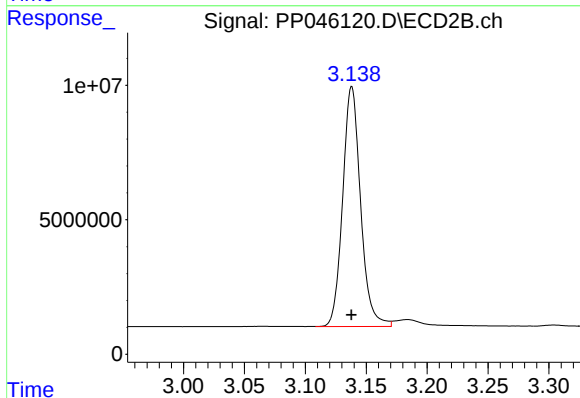
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

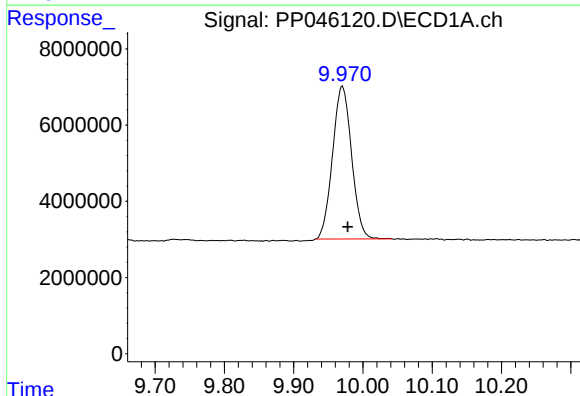
R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 133822196
Conc: 54.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



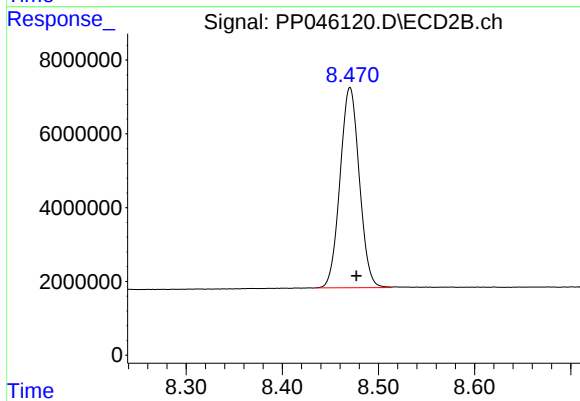
#1 Tetrachloro-m-xylene

R.T.: 3.138 min
Delta R.T.: 0.000 min
Response: 91362757
Conc: 57.50 ng/ml



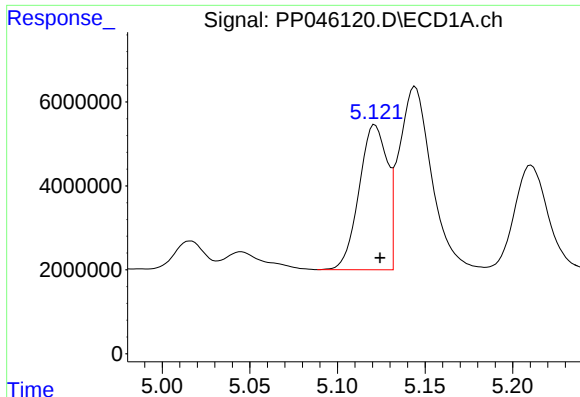
#2 Decachlorobiphenyl

R.T.: 9.970 min
Delta R.T.: -0.007 min
Response: 76643456
Conc: 46.69 ng/ml



#2 Decachlorobiphenyl

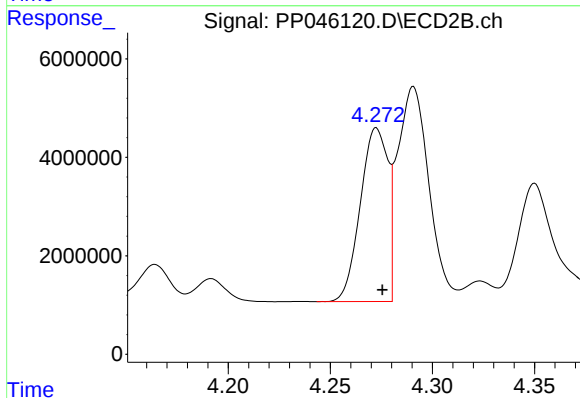
R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 75620876
Conc: 53.06 ng/ml



#3 AR-1016-1

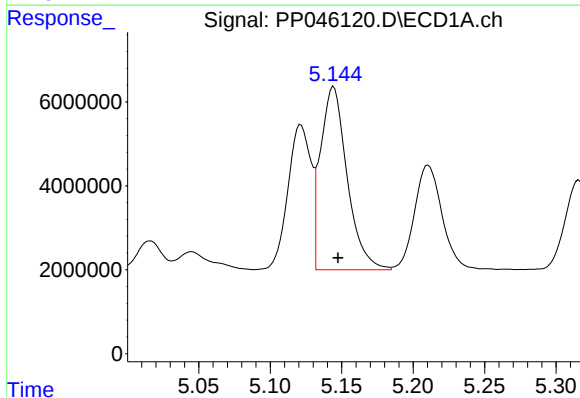
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 38588888
Conc: 503.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



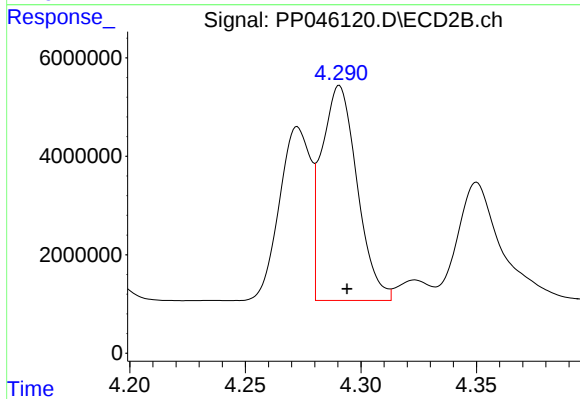
#3 AR-1016-1

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 33135486
Conc: 564.23 ng/ml



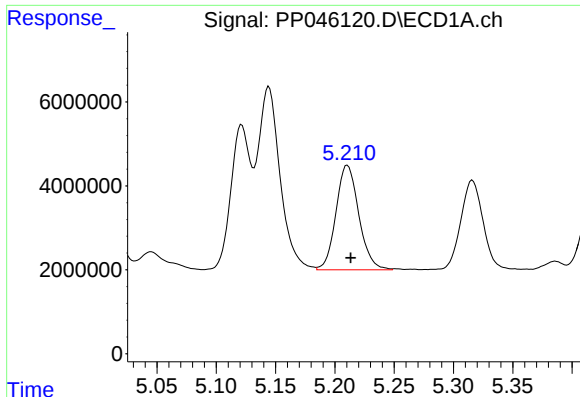
#4 AR-1016-2

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 56623531
Conc: 489.66 ng/ml



#4 AR-1016-2

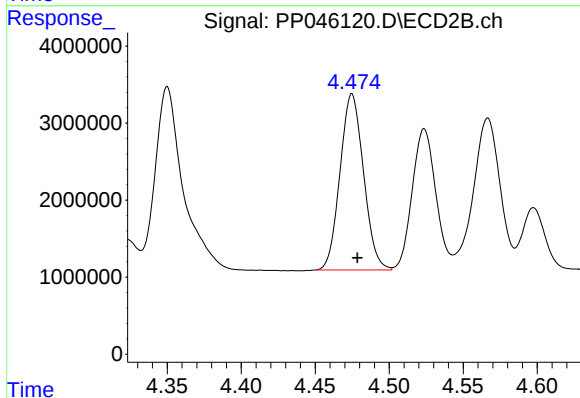
R.T.: 4.291 min
Delta R.T.: -0.003 min
Response: 46728539
Conc: 559.32 ng/ml



#5 AR-1016-3

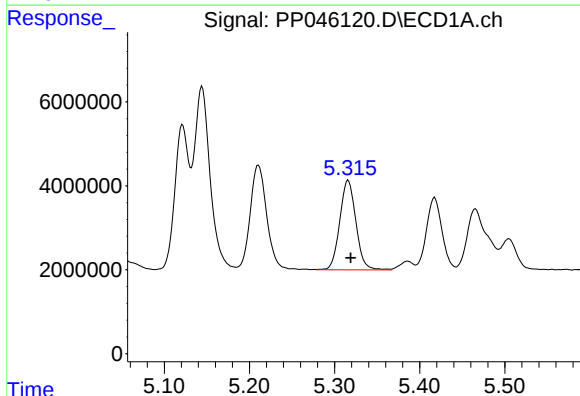
R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 33467768
Conc: 485.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



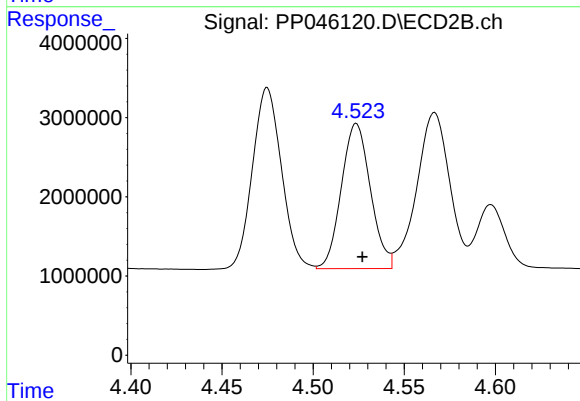
#5 AR-1016-3

R.T.: 4.475 min
Delta R.T.: -0.004 min
Response: 25293627
Conc: 572.59 ng/ml



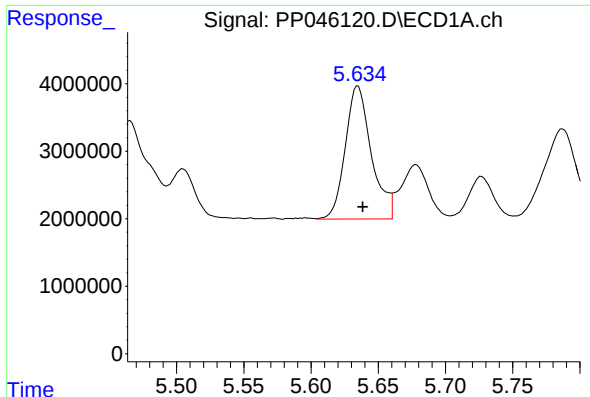
#6 AR-1016-4

R.T.: 5.316 min
Delta R.T.: -0.003 min
Response: 28152562
Conc: 478.42 ng/ml



#6 AR-1016-4

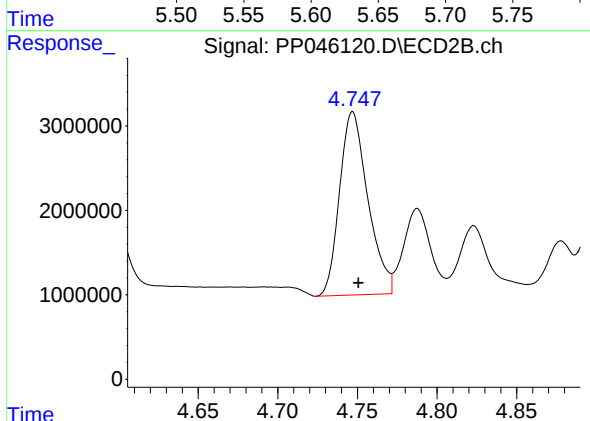
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 20390433
Conc: 571.41 ng/ml



#7 AR-1016-5

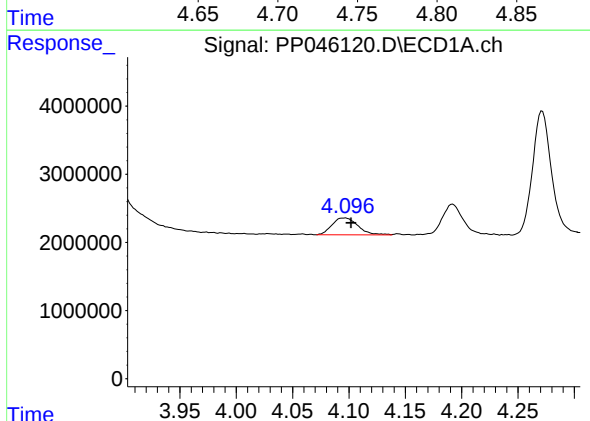
R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 26543764
Conc: 481.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



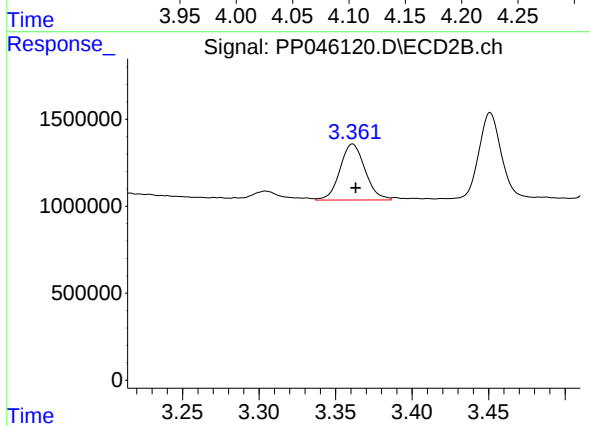
#7 AR-1016-5

R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 26874915
Conc: 565.72 ng/ml



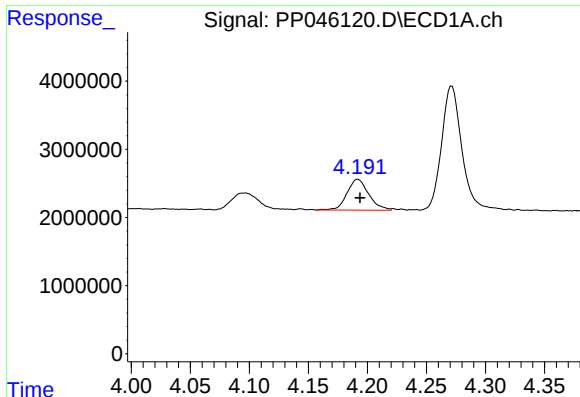
#8 AR-1221-1

R.T.: 4.097 min
Delta R.T.: -0.005 min
Response: 3958068
Conc: 151.93 ng/ml



#8 AR-1221-1

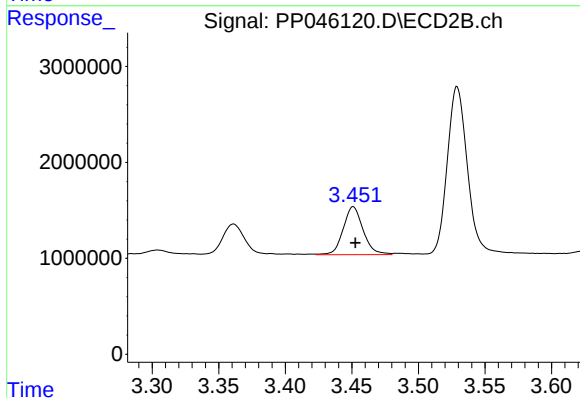
R.T.: 3.361 min
Delta R.T.: -0.002 min
Response: 3679983
Conc: 181.15 ng/ml



#9 AR-1221-2

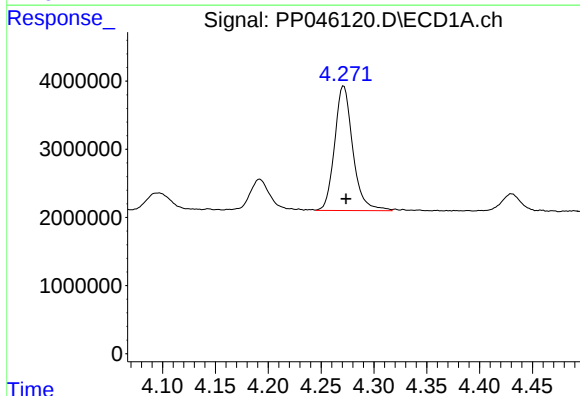
R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 5791977
Conc: 304.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



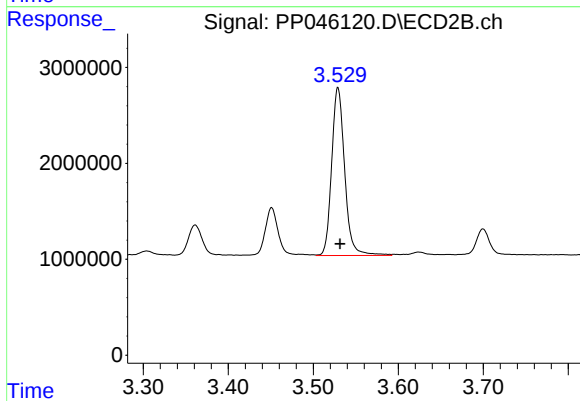
#9 AR-1221-2

R.T.: 3.451 min
Delta R.T.: -0.002 min
Response: 5223257
Conc: 343.65 ng/ml



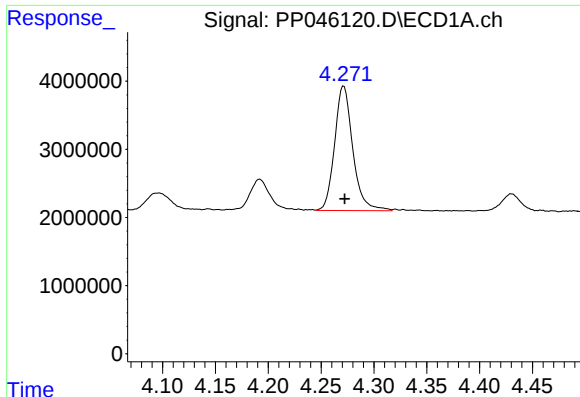
#10 AR-1221-3

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 21901916
Conc: 356.30 ng/ml



#10 AR-1221-3

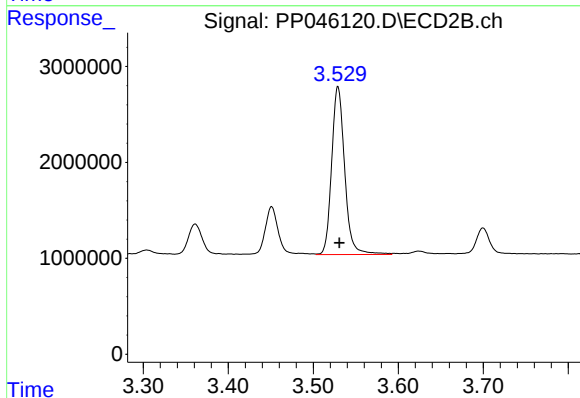
R.T.: 3.529 min
Delta R.T.: -0.003 min
Response: 18685031
Conc: 404.87 ng/ml



#11 AR-1232-1

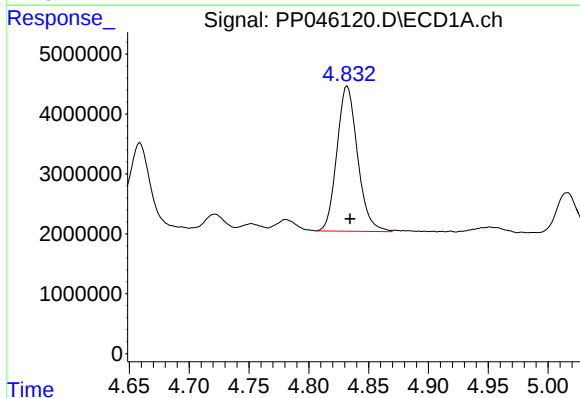
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 21901916
Conc: 385.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



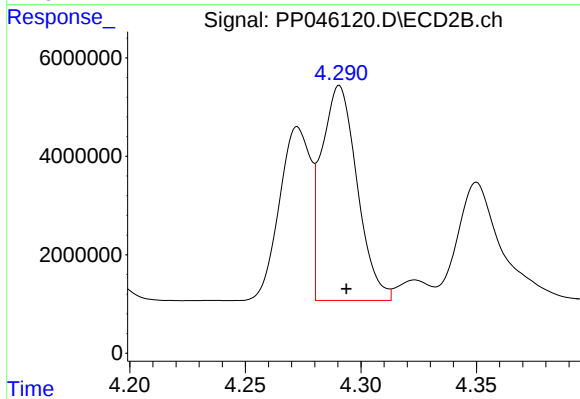
#11 AR-1232-1

R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 18685031
Conc: 440.41 ng/ml



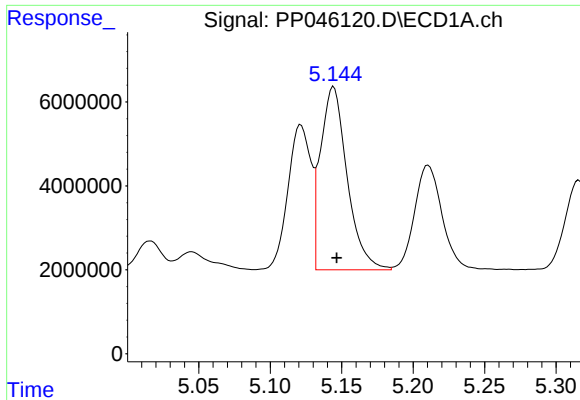
#12 AR-1232-2

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 29119502
Conc: 1091.97 ng/ml



#12 AR-1232-2

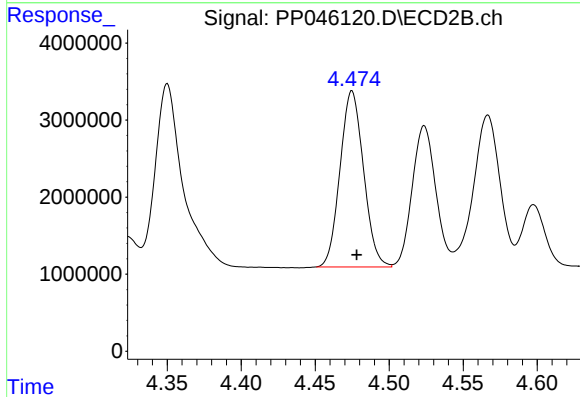
R.T.: 4.291 min
Delta R.T.: -0.003 min
Response: 46728539
Conc: 1165.89 ng/ml



#13 AR-1232-3

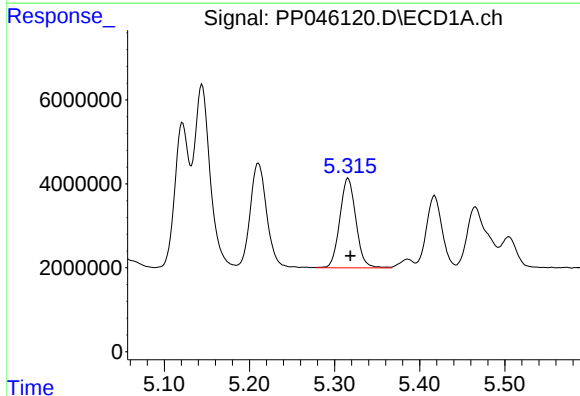
R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 56623531
Conc: 1051.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



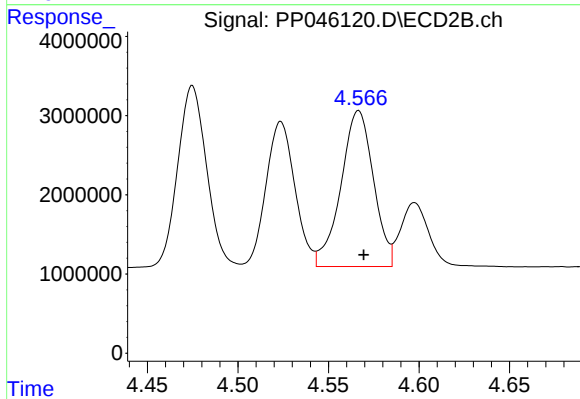
#13 AR-1232-3

R.T.: 4.475 min
Delta R.T.: -0.003 min
Response: 25293627
Conc: 1177.13 ng/ml



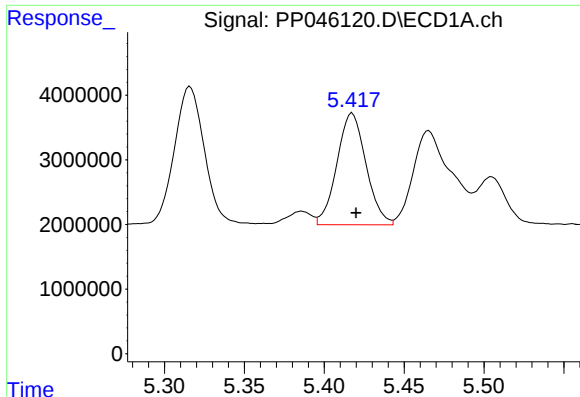
#14 AR-1232-4

R.T.: 5.316 min
Delta R.T.: -0.003 min
Response: 28152562
Conc: 1064.23 ng/ml



#14 AR-1232-4

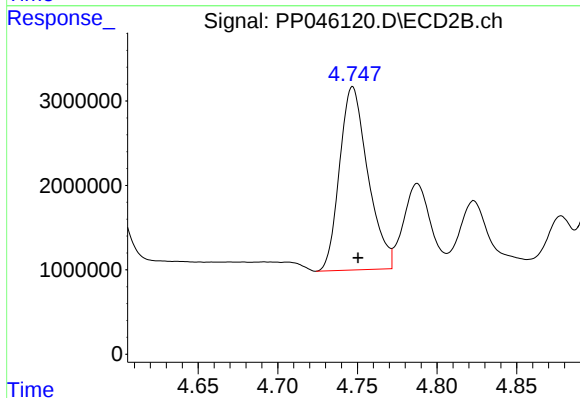
R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 24697753
Conc: 1303.60 ng/ml



#15 AR-1232-5

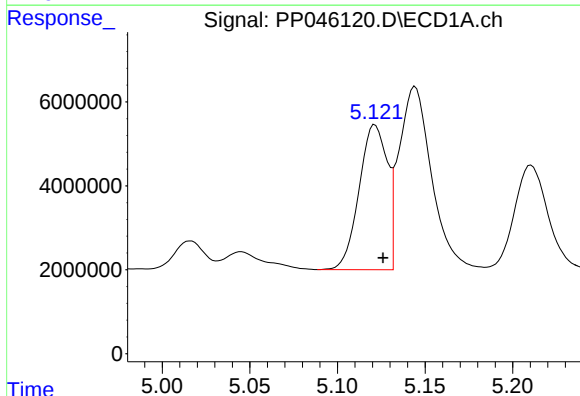
R.T.: 5.418 min
Delta R.T.: -0.002 min
Response: 21930667
Conc: 1189.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



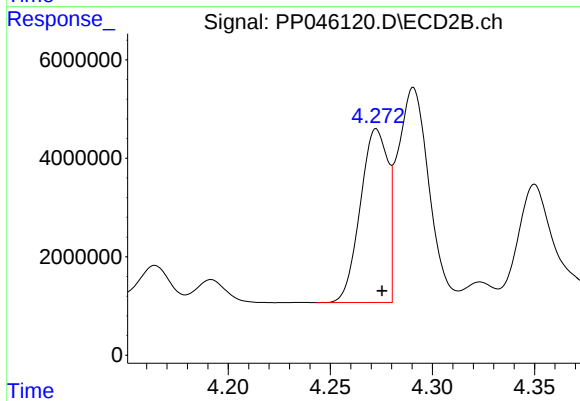
#15 AR-1232-5

R.T.: 4.747 min
Delta R.T.: -0.003 min
Response: 26874915
Conc: 1256.77 ng/ml



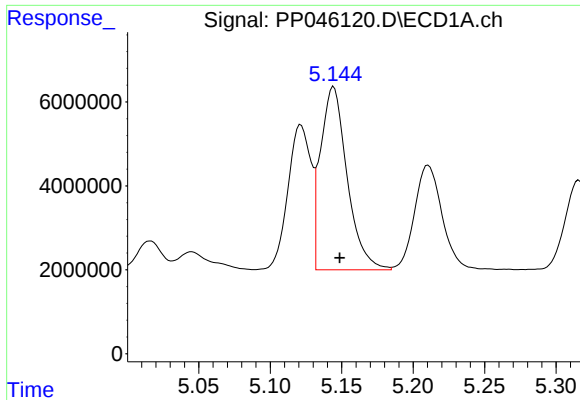
#16 AR-1242-1

R.T.: 5.121 min
Delta R.T.: -0.005 min
Response: 38588888
Conc: 645.68 ng/ml



#16 AR-1242-1

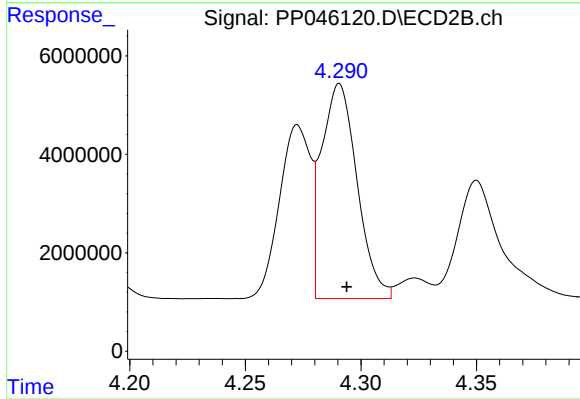
R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 33135486
Conc: 716.17 ng/ml



#17 AR-1242-2

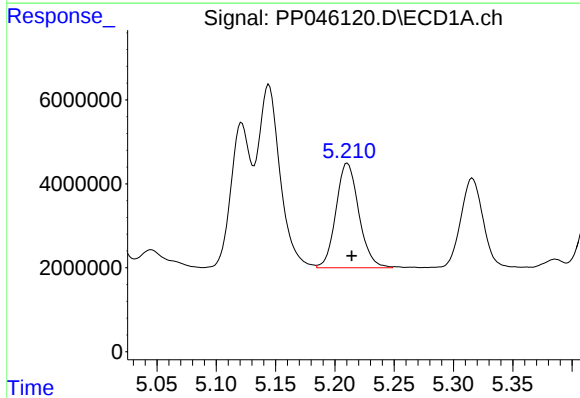
R.T.: 5.144 min
Delta R.T.: -0.004 min
Response: 56623531
Conc: 630.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



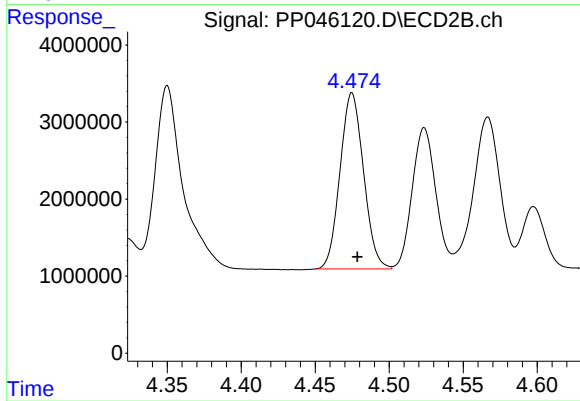
#17 AR-1242-2

R.T.: 4.291 min
Delta R.T.: -0.003 min
Response: 46728539
Conc: 720.61 ng/ml



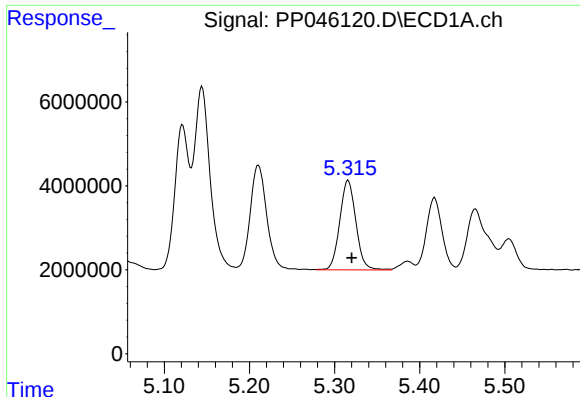
#18 AR-1242-3

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 33467768
Conc: 603.31 ng/ml



#18 AR-1242-3

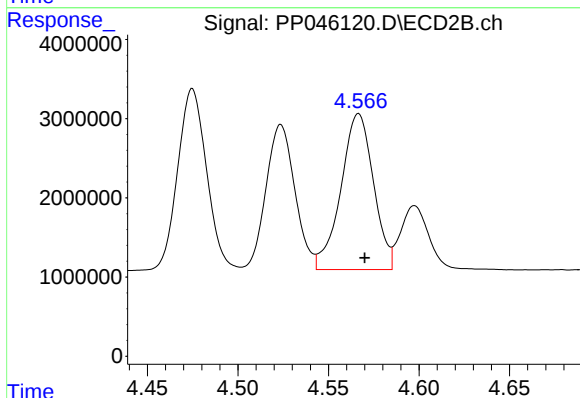
R.T.: 4.475 min
Delta R.T.: -0.004 min
Response: 25293627
Conc: 730.97 ng/ml



#19 AR-1242-4

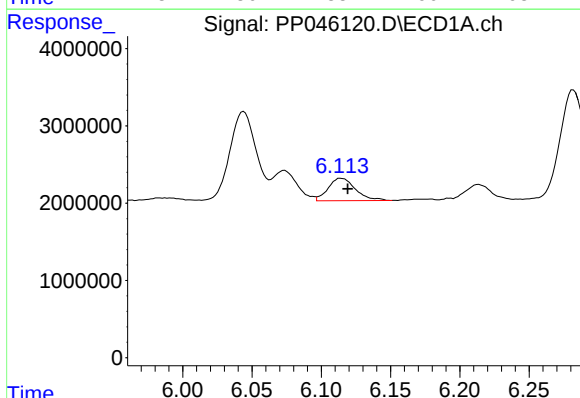
R.T.: 5.316 min
Delta R.T.: -0.004 min
Response: 28152562
Conc: 620.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



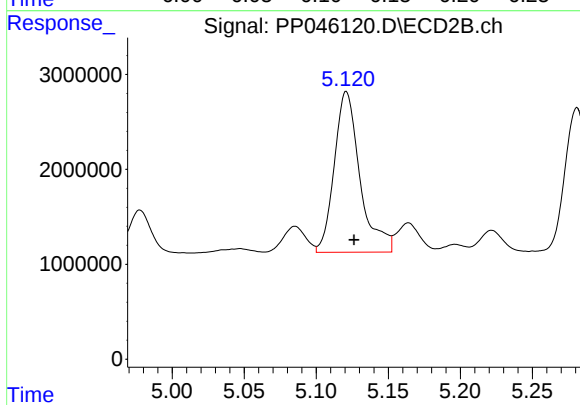
#19 AR-1242-4

R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 24697753
Conc: 734.76 ng/ml



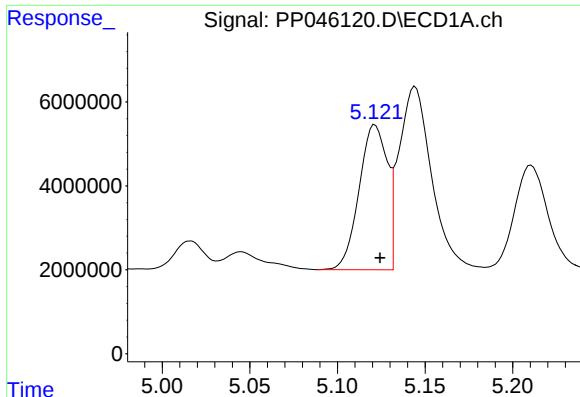
#20 AR-1242-5

R.T.: 6.114 min
Delta R.T.: -0.005 min
Response: 3992860
Conc: 85.96 ng/ml



#20 AR-1242-5

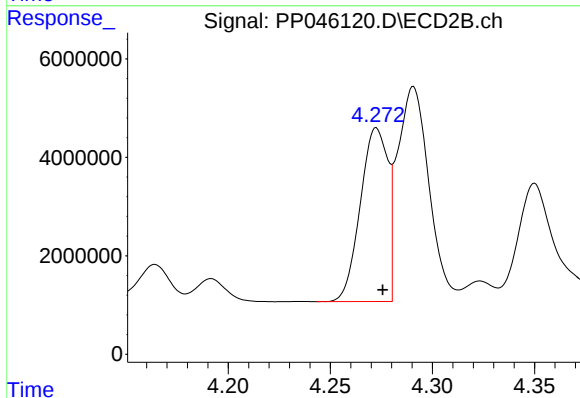
R.T.: 5.121 min
Delta R.T.: -0.005 min
Response: 21069847
Conc: 479.75 ng/ml



#21 AR-1248-1

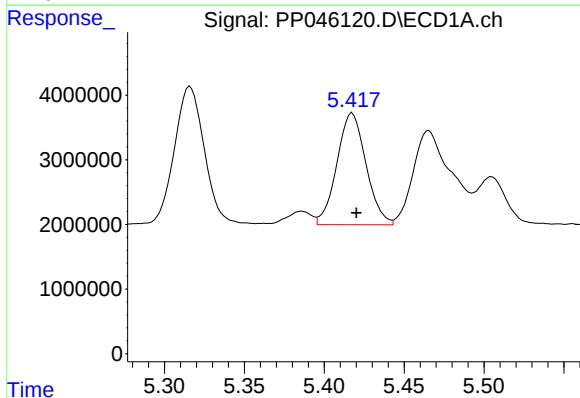
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 3858888
Conc: 894.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



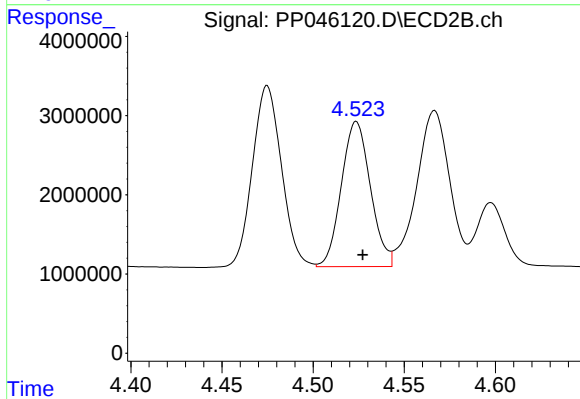
#21 AR-1248-1

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 33135486
Conc: 966.24 ng/ml



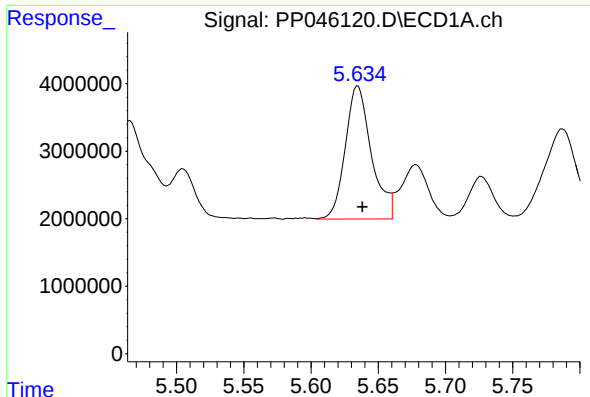
#22 AR-1248-2

R.T.: 5.418 min
Delta R.T.: -0.003 min
Response: 21930667
Conc: 366.85 ng/ml



#22 AR-1248-2

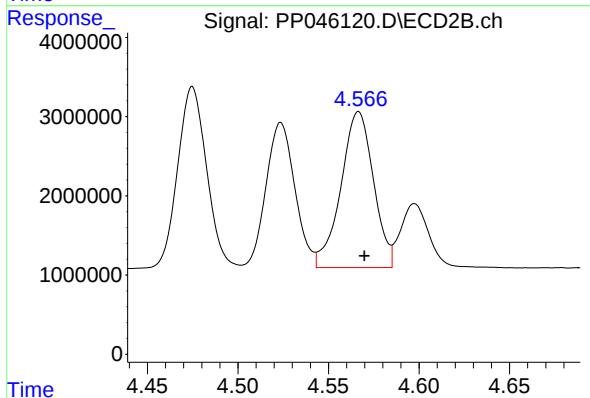
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 20390433
Conc: 435.26 ng/ml



#23 AR-1248-3

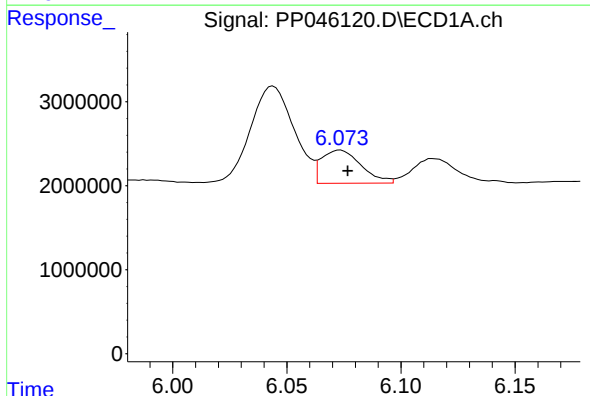
R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 26543764
Conc: 379.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



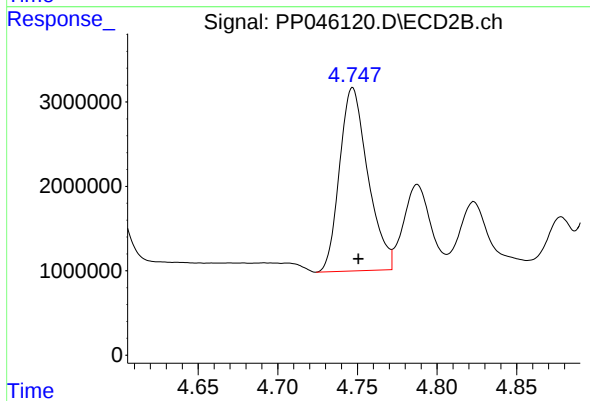
#23 AR-1248-3

R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 24697753
Conc: 505.29 ng/ml



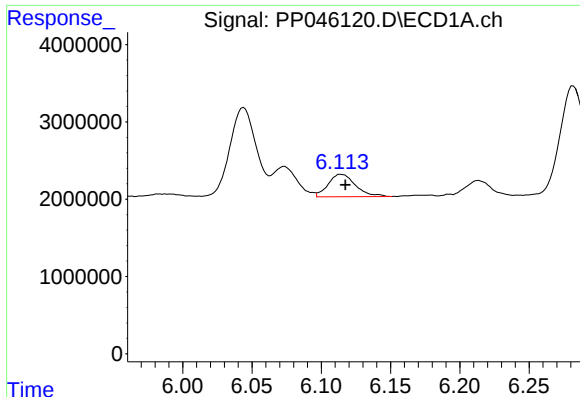
#24 AR-1248-4

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 4773171
Conc: 60.37 ng/ml



#24 AR-1248-4

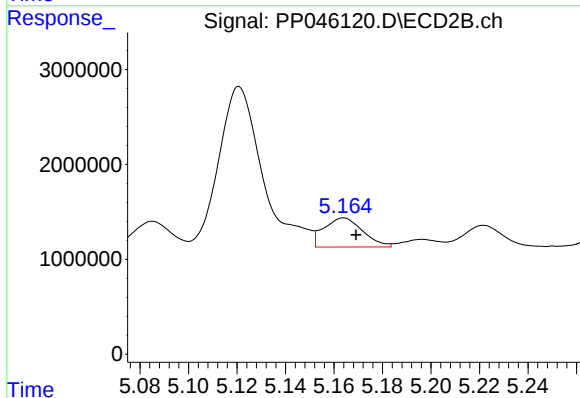
R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 26874915
Conc: 462.55 ng/ml



#25 AR-1248-5

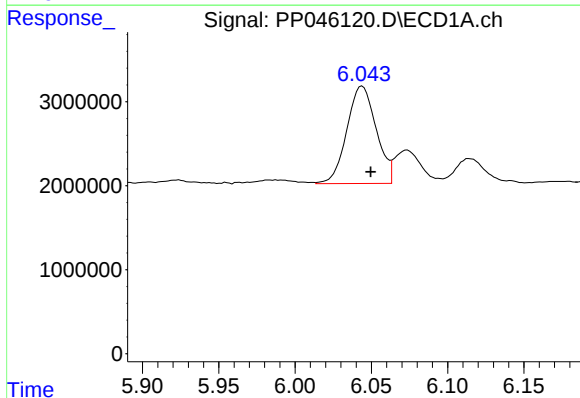
R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 3992860
Conc: 51.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



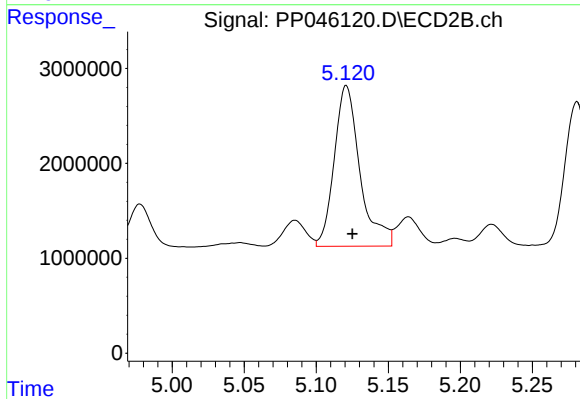
#25 AR-1248-5

R.T.: 5.164 min
Delta R.T.: -0.005 min
Response: 3419157
Conc: 58.25 ng/ml



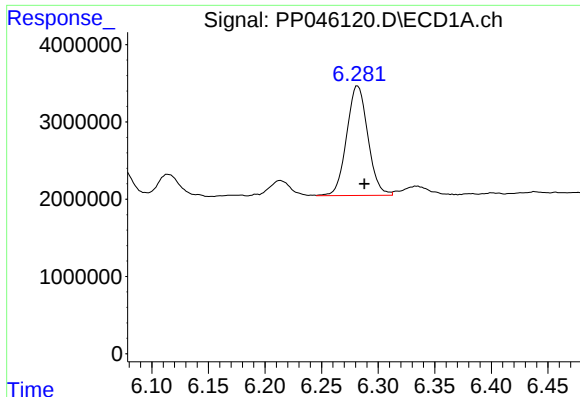
#26 AR-1254-1

R.T.: 6.044 min
Delta R.T.: -0.006 min
Response: 15503879
Conc: 187.59 ng/ml



#26 AR-1254-1

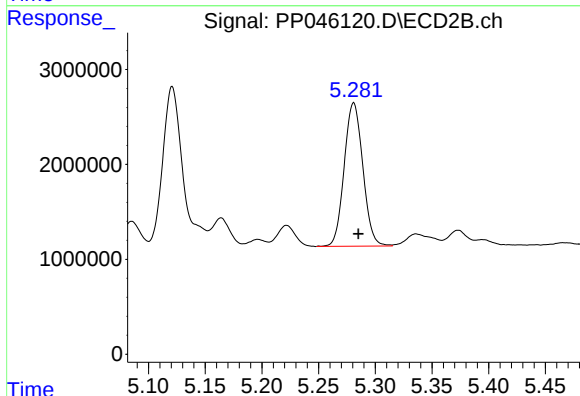
R.T.: 5.121 min
Delta R.T.: -0.004 min
Response: 21069847
Conc: 238.86 ng/ml



#27 AR-1254-2

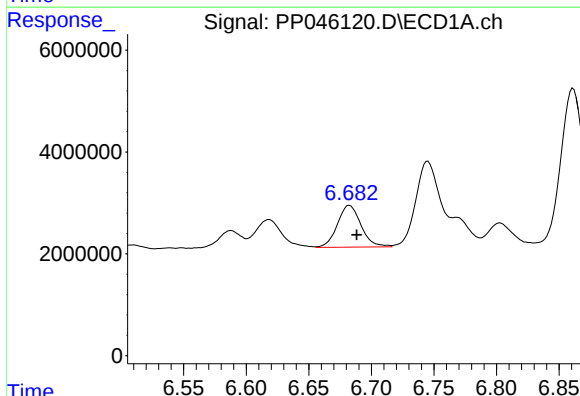
R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 18535963
Conc: 150.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



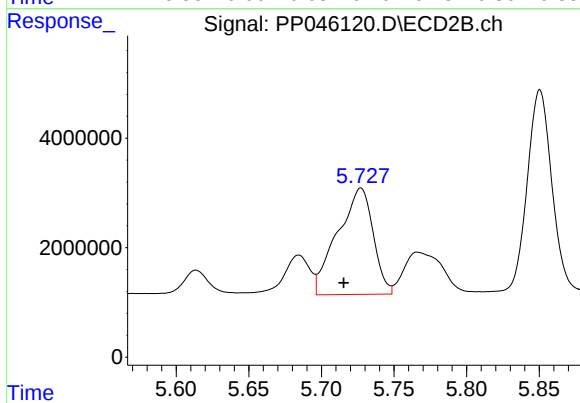
#27 AR-1254-2

R.T.: 5.281 min
Delta R.T.: -0.004 min
Response: 17319972
Conc: 229.49 ng/ml



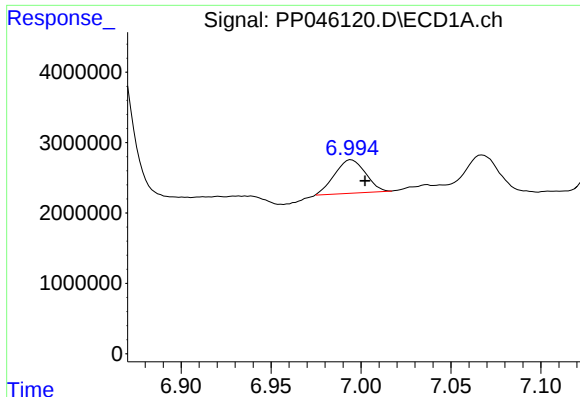
#28 AR-1254-3

R.T.: 6.683 min
Delta R.T.: -0.006 min
Response: 10816737
Conc: 89.98 ng/ml



#28 AR-1254-3

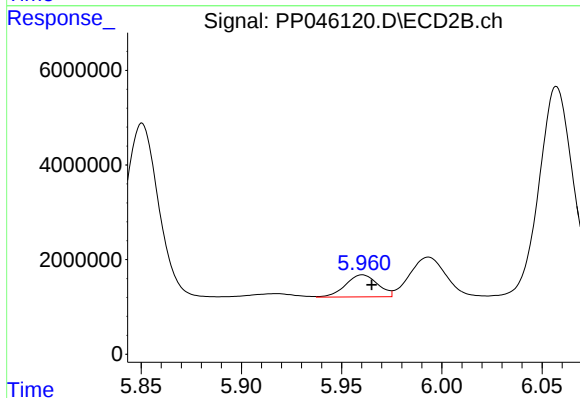
R.T.: 5.727 min
Delta R.T.: 0.012 min
Response: 33123919
Conc: 281.64 ng/ml



#29 AR-1254-4

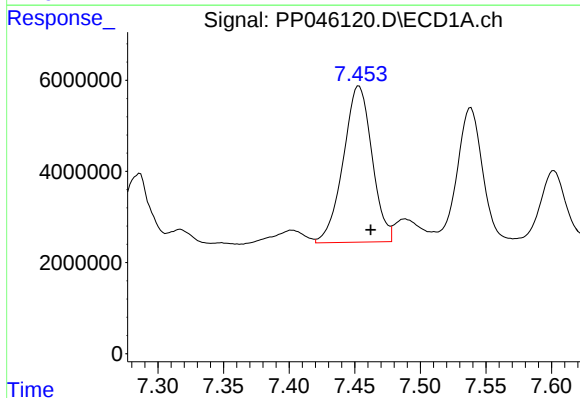
R.T.: 6.995 min
Delta R.T.: -0.008 min
Response: 5671841
Conc: 64.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



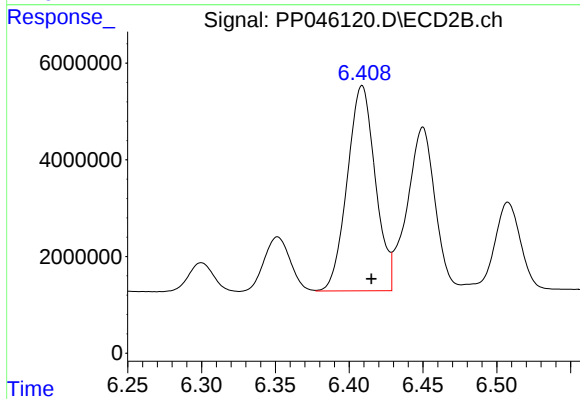
#29 AR-1254-4

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 5181459
Conc: 68.66 ng/ml



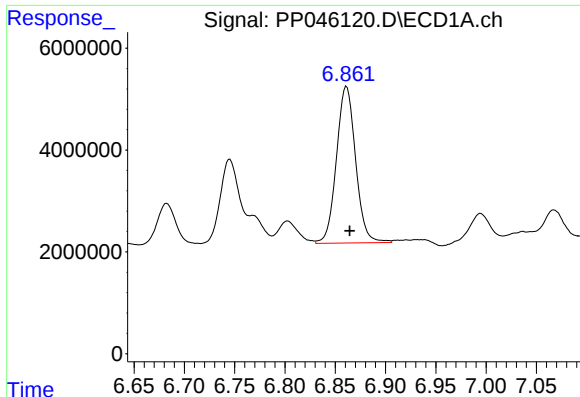
#30 AR-1254-5

R.T.: 7.453 min
Delta R.T.: -0.009 min
Response: 52238794
Conc: 557.65 ng/ml



#30 AR-1254-5

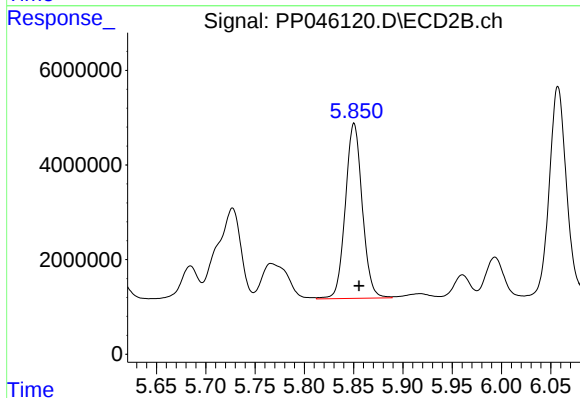
R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 56166310
Conc: 548.22 ng/ml



#31 AR-1260-1

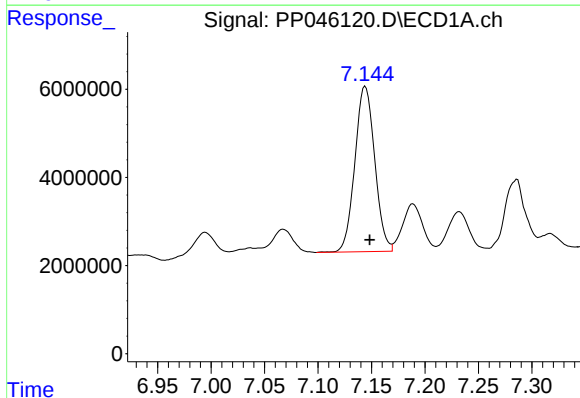
R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 40805875
Conc: 462.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



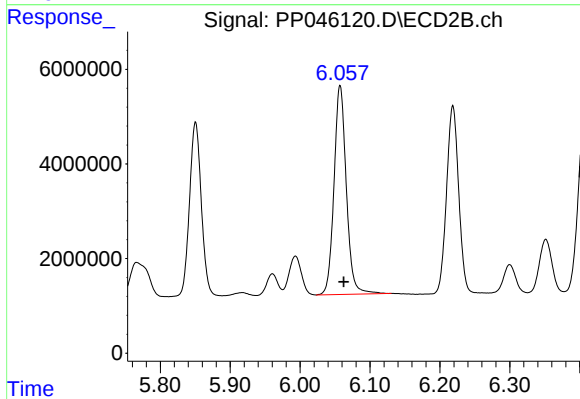
#31 AR-1260-1

R.T.: 5.850 min
Delta R.T.: -0.005 min
Response: 44105132
Conc: 557.25 ng/ml



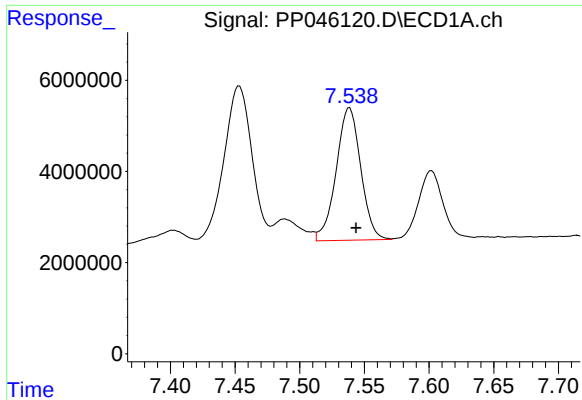
#32 AR-1260-2

R.T.: 7.144 min
Delta R.T.: -0.004 min
Response: 48483401
Conc: 473.26 ng/ml



#32 AR-1260-2

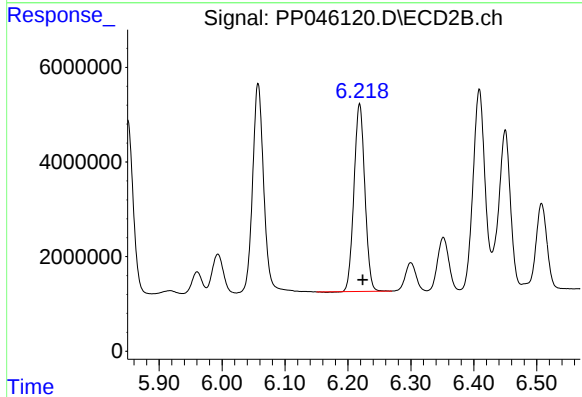
R.T.: 6.057 min
Delta R.T.: -0.005 min
Response: 54026586
Conc: 577.15 ng/ml



#33 AR-1260-3

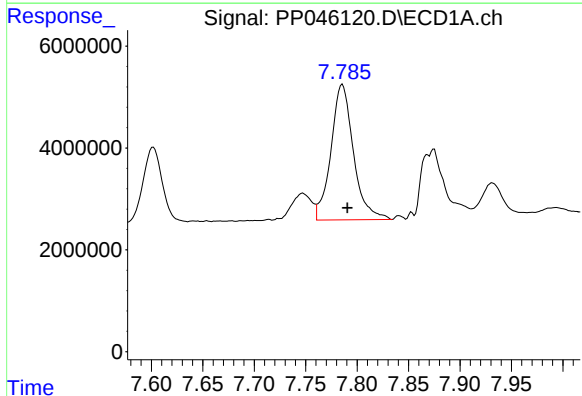
R.T.: 7.539 min
Delta R.T.: -0.005 min
Response: 38451318
Conc: 466.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



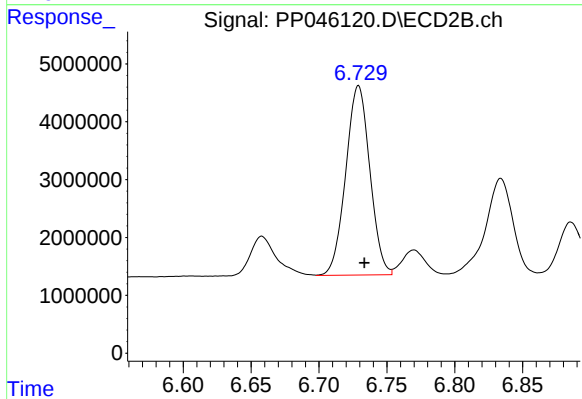
#33 AR-1260-3

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 47502762
Conc: 536.25 ng/ml



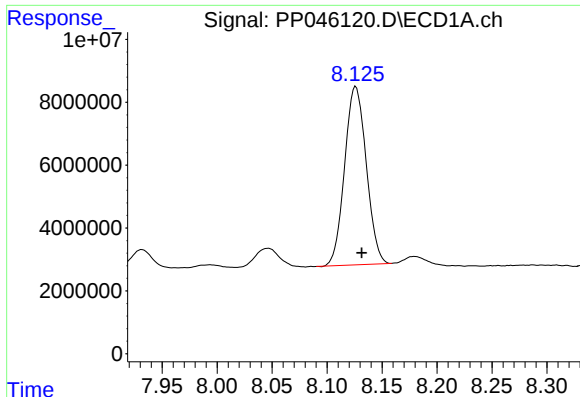
#34 AR-1260-4

R.T.: 7.786 min
Delta R.T.: -0.005 min
Response: 40514074
Conc: 478.10 ng/ml



#34 AR-1260-4

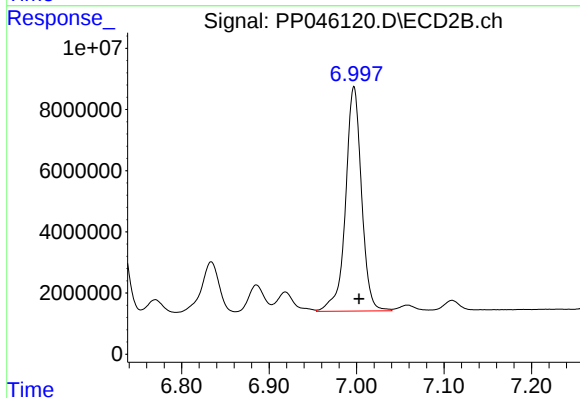
R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 40481946
Conc: 563.77 ng/ml



#35 AR-1260-5

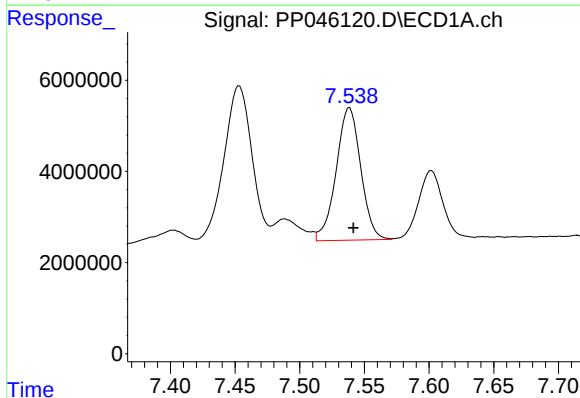
R.T.: 8.126 min
Delta R.T.: -0.006 min
Response: 77673498
Conc: 472.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



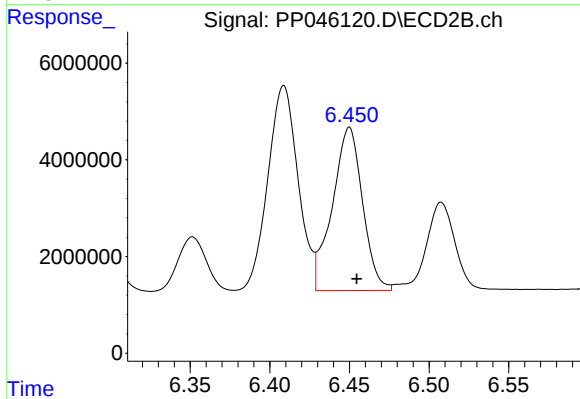
#35 AR-1260-5

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 93089781
Conc: 548.02 ng/ml



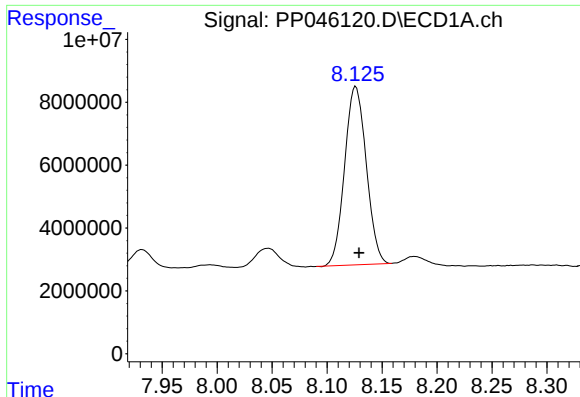
#36 AR-1262-1

R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 38451318
Conc: 334.18 ng/ml



#36 AR-1262-1

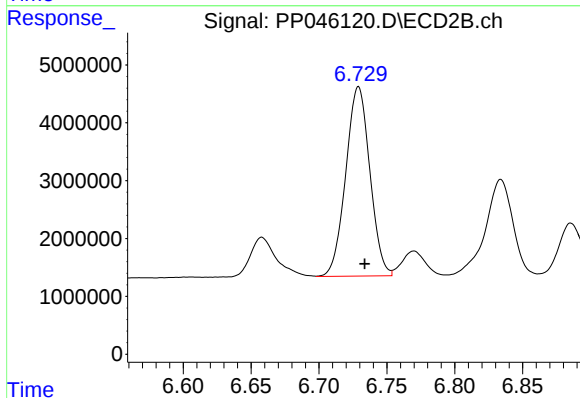
R.T.: 6.450 min
Delta R.T.: -0.005 min
Response: 44636885
Conc: 422.03 ng/ml



#37 AR-1262-2

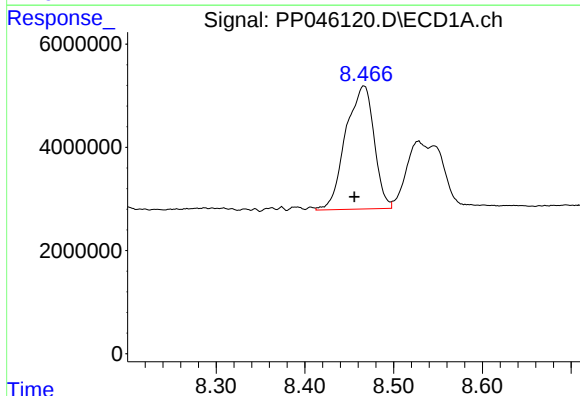
R.T.: 8.126 min
Delta R.T.: -0.003 min
Response: 77673498
Conc: 433.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



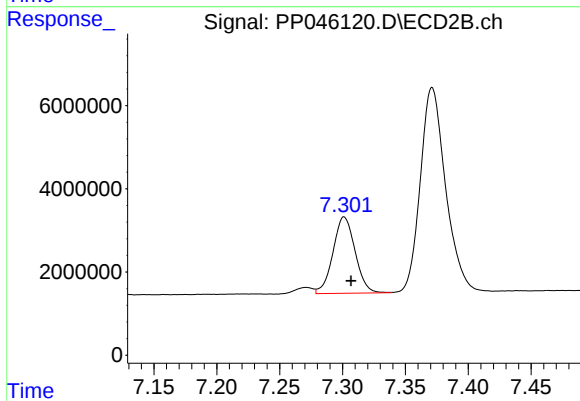
#37 AR-1262-2

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 40481946
Conc: 429.96 ng/ml



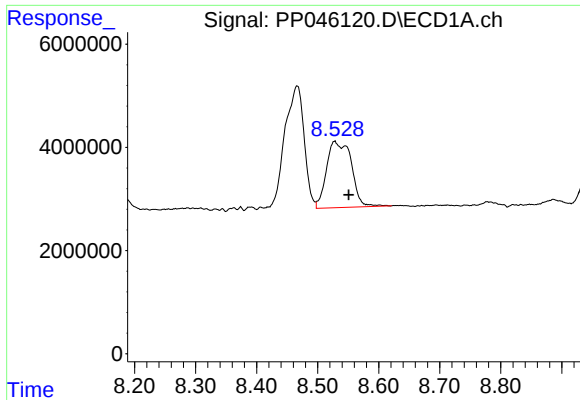
#38 AR-1262-3

R.T.: 8.467 min
Delta R.T.: 0.011 min
Response: 52989287
Conc: 406.67 ng/ml



#38 AR-1262-3

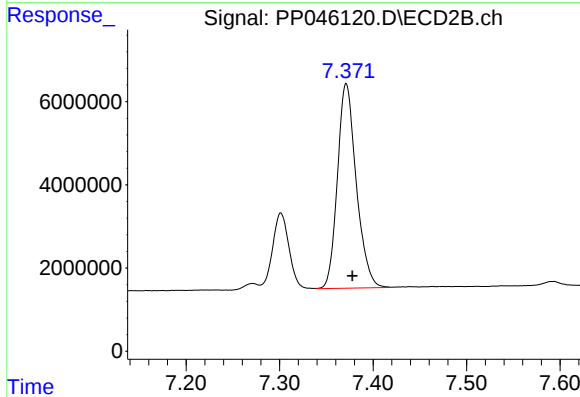
R.T.: 7.301 min
Delta R.T.: -0.005 min
Response: 22436234
Conc: 293.05 ng/ml



#39 AR-1262-4

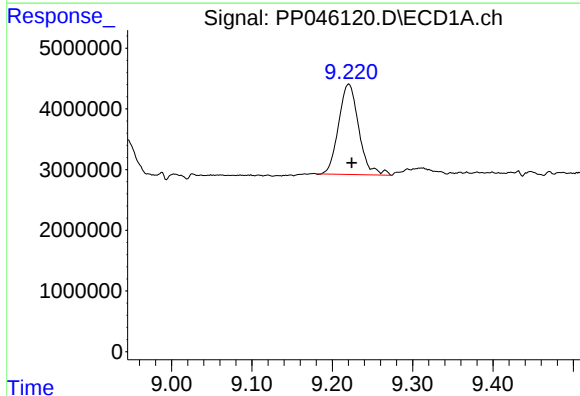
R.T.: 8.528 min
Delta R.T.: -0.023 min
Response: 36197698
Conc: 574.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



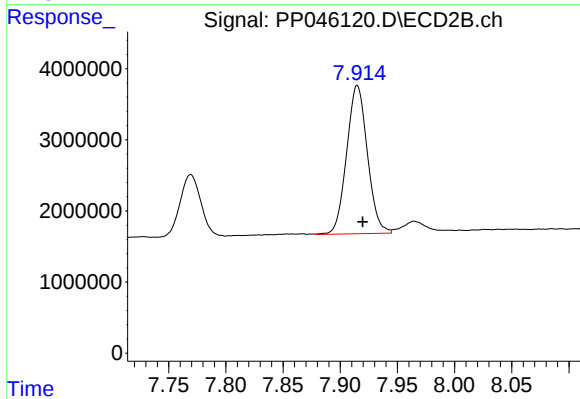
#39 AR-1262-4

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 68788970
Conc: 483.52 ng/ml



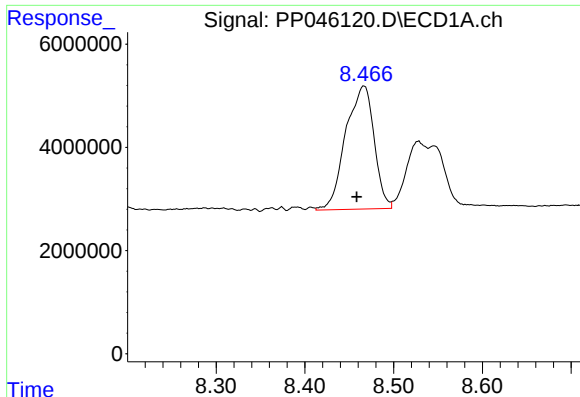
#40 AR-1262-5

R.T.: 9.221 min
Delta R.T.: -0.003 min
Response: 25909551
Conc: 379.46 ng/ml



#40 AR-1262-5

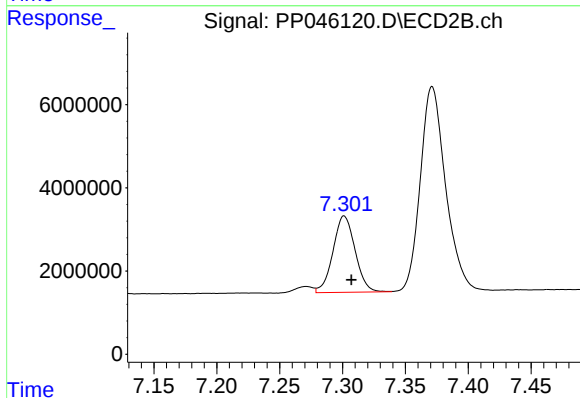
R.T.: 7.915 min
Delta R.T.: -0.005 min
Response: 26334346
Conc: 375.92 ng/ml



#41 AR-1268-1

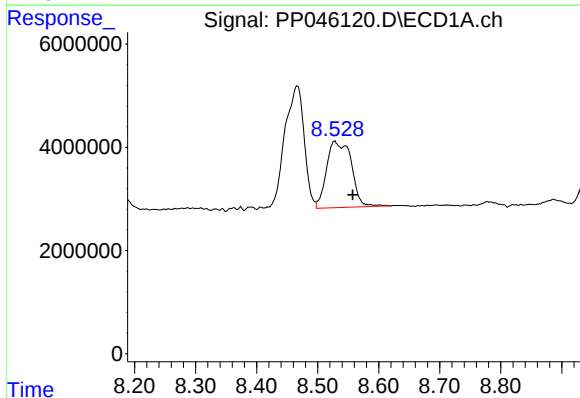
R.T.: 8.467 min
Delta R.T.: 0.008 min
Response: 52989287
Conc: 194.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



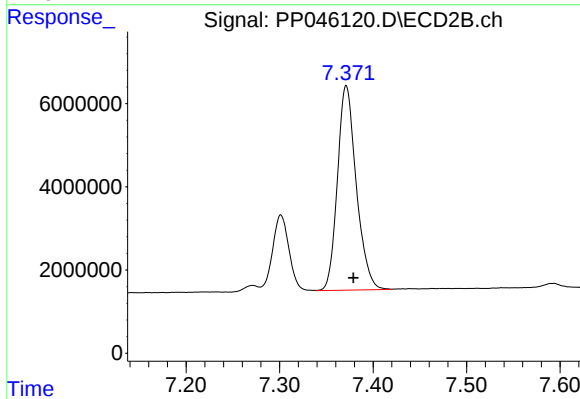
#41 AR-1268-1

R.T.: 7.301 min
Delta R.T.: -0.006 min
Response: 22436234
Conc: 101.13 ng/ml



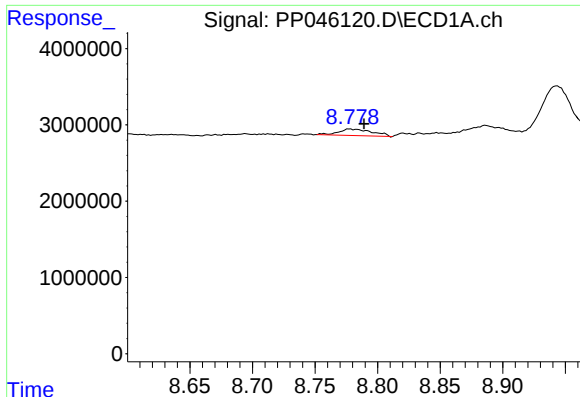
#42 AR-1268-2

R.T.: 8.528 min
Delta R.T.: -0.029 min
Response: 36197698
Conc: 143.08 ng/ml



#42 AR-1268-2

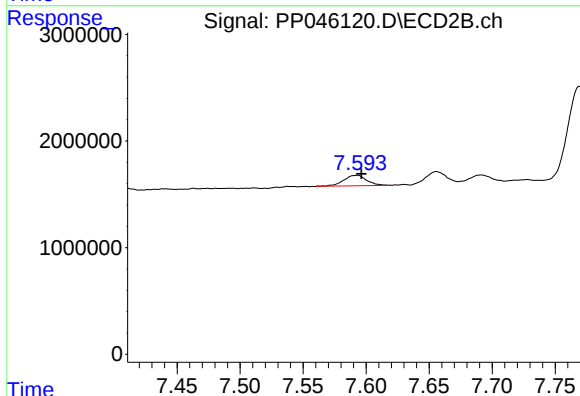
R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 68788970
Conc: 339.50 ng/ml



#43 AR-1268-3

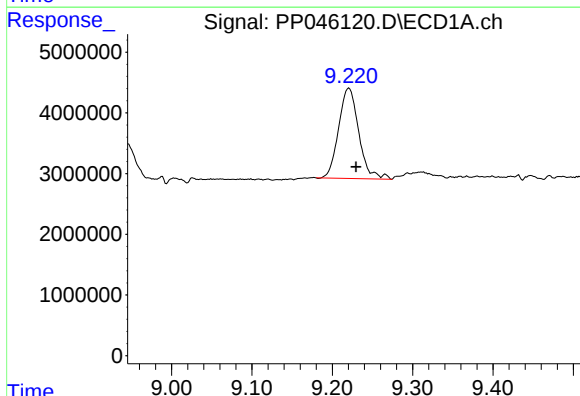
R.T.: 8.779 min
Delta R.T.: -0.010 min
Response: 1617145
Conc: 7.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



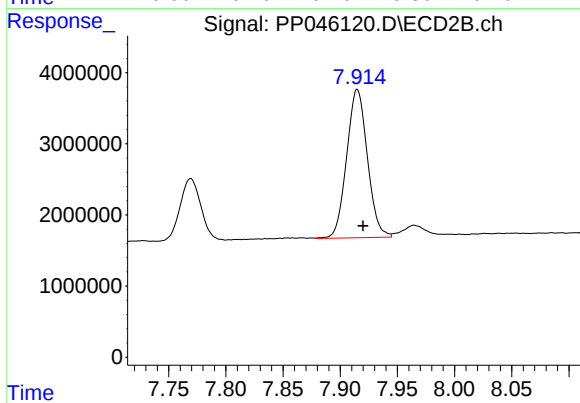
#43 AR-1268-3

R.T.: 7.593 min
Delta R.T.: -0.004 min
Response: 1254141
Conc: 7.36 ng/ml



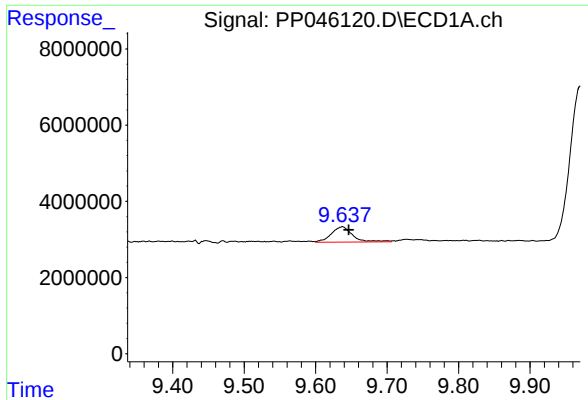
#44 AR-1268-4

R.T.: 9.221 min
Delta R.T.: -0.009 min
Response: 25909551
Conc: 287.10 ng/ml



#44 AR-1268-4

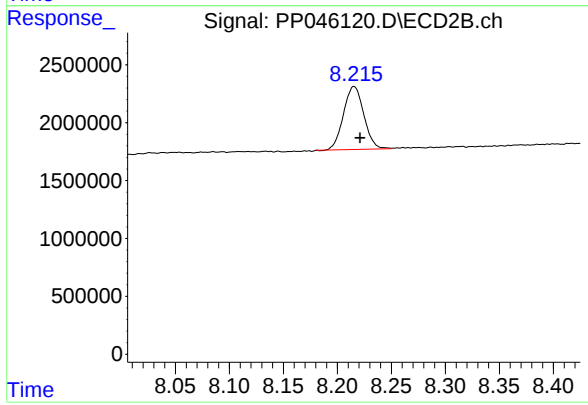
R.T.: 7.915 min
Delta R.T.: -0.005 min
Response: 26334346
Conc: 333.66 ng/ml



#45 AR-1268-5

R.T.: 9.638 min
Delta R.T.: -0.009 min
Response: 8480833
Conc: 12.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 7143655
Conc: 12.89 ng/ml