

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 07:03
 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: Feb 25 08:04:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.322	3.566	91148736	69707918	56.571	47.739
2)	SA Decachlor...	10.063	8.565	95558297	56047908	46.843	49.403
Target Compounds							
3)	L1 AR-1016-1	5.491	4.646	31817064	21299778	533.183	473.012
4)	L1 AR-1016-2	5.514	4.665	46285311	30775723	529.040	473.882
5)	L1 AR-1016-3	5.576	4.840	28621475	16899303	515.241	486.269
6)	L1 AR-1016-4	5.674	4.884	23067634	13010212	517.659	435.259
7)	L1 AR-1016-5	5.971	5.096	24120919	20684067	499.557	523.203
8)	L2 AR-1221-1	4.526	3.776	3140241	2328394	150.867	129.624
9)	L2 AR-1221-2	4.617	3.863	4782814	3373055	300.679	256.831
10)	L2 AR-1221-3	4.693	3.938	17692276	13267507	364.694	317.878
11)	L3 AR-1232-1	4.693	3.938	17692276	13267507	446.662	385.397
12)	L3 AR-1232-2	5.223	4.665	23644315	30775723	1138.309	1048.567
13)	L3 AR-1232-3	5.514	4.840	46285311	16899303	1174.647	1111.995
14)	L3 AR-1232-4	5.674	4.924	23067634	18411413	1177.539	1214.503
15)	L3 AR-1232-5	5.766	5.096	18888036	20684067	1180.996	1261.877
16)	L4 AR-1242-1	5.491	4.646	31817064	21299778	658.925	578.908
17)	L4 AR-1242-2	5.514	4.665	46285311	30775723	651.365	584.292
18)	L4 AR-1242-3	5.576	4.840	28621475	16899303	641.533	596.927
19)	L4 AR-1242-4	5.674	4.924	23067634	18411413	638.454	596.749
20)	L4 AR-1242-5	6.415	5.448	7606193	19848968	181.579	595.899 #
21)	L5 AR-1248-1	5.491	4.646	31817064	21299778	874.501	762.665
22)	L5 AR-1248-2	5.766	4.884	18888036	13010212	328.272	305.830
23)	L5 AR-1248-3	5.971	4.924	24120919	18411413	371.215	413.726
24)	L5 AR-1248-4	6.375	5.096	9056977	20684067	124.832	403.975 #
25)	L5 AR-1248-5	6.415	5.487	7606193	6837289	107.314	155.124 #
26)	L6 AR-1254-1	6.350	5.448	22985858	19848968	312.639	269.789
27)	L6 AR-1254-2	6.569	5.596	19331330	16824342	167.510	267.406 #
28)	L6 AR-1254-3	6.937	6.015	12386370	24325851	100.646	248.027 #
29)	L6 AR-1254-4	7.223	6.229	12246498	2314063	133.331	42.038 #
30)	L6 AR-1254-5	7.643	6.647	69639621	39811814	662.584	489.998 #
31)	L7 AR-1260-1	7.102	6.130	57437031	36019246	554.712	494.081
32)	L7 AR-1260-2	7.360	6.319	64292861	39391864	511.187	482.756
33)	L7 AR-1260-3	7.721	6.472	47152743	36316465	536.881	429.748
34)	L7 AR-1260-4	7.946	6.945	53406687	30588612	496.922	477.942
35)	L7 AR-1260-5	8.262	7.188	104.1E6	65443020	504.171	483.476
36)	L8 AR-1262-1	7.721	6.739	47152743	16129683	399.664	457.603
37)	L8 AR-1262-2	8.262	6.945	104.1E6	30588612	474.244	411.950
38)	L8 AR-1262-3	8.583	7.472	66024736	14165192	431.877	255.301 #
39)	L8 AR-1262-4	8.661	7.535	17333671	47791724	230.240	470.780 #
40)	L8 AR-1262-5	9.314	8.031	27764839	15279963	336.762	335.996
41)	L9 AR-1268-1	8.583	7.472	66024736	14165192	231.342	84.248 #

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 Acq On : 25 Feb 2023 07:03
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

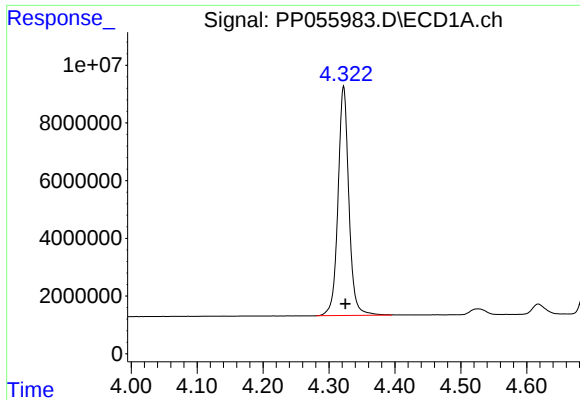
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:04:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.661	7.535	17333671	47791724	65.010	312.445 #
43) L9	AR-1268-3	8.888	7.741	1026795	847921	4.363	6.180 #
44) L9	AR-1268-4	9.314	8.031	27764839	15279963	281.222	277.731
45) L9	AR-1268-5	9.727	8.317	8368222	4578308	11.116	11.350

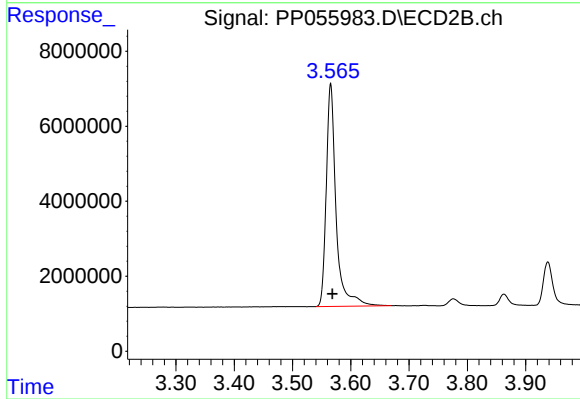
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

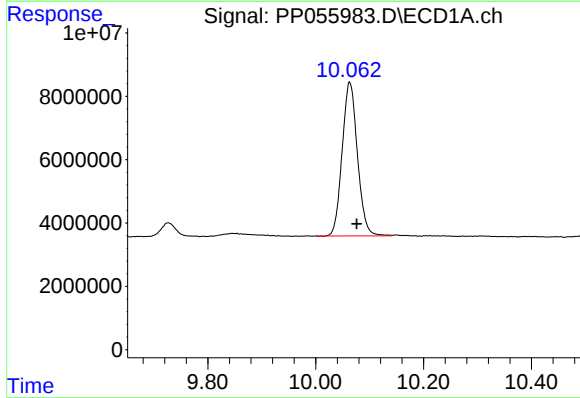
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 91148736
Conc: 56.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



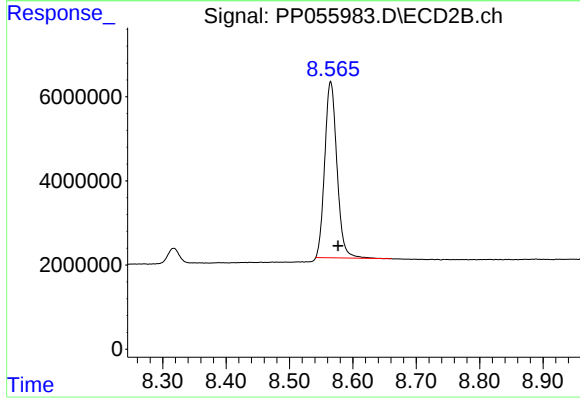
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.003 min
Response: 69707918
Conc: 47.74 ng/ml



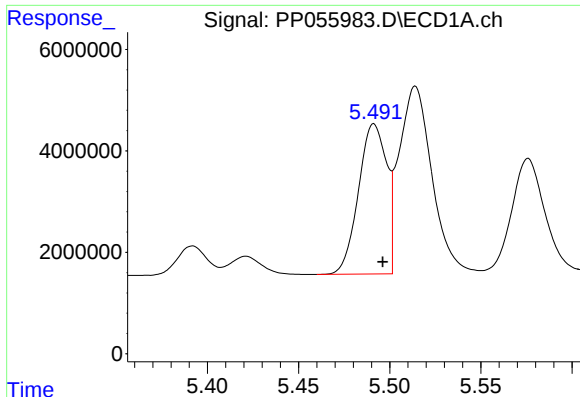
#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: -0.013 min
Response: 95558297
Conc: 46.84 ng/ml



#2 Decachlorobiphenyl

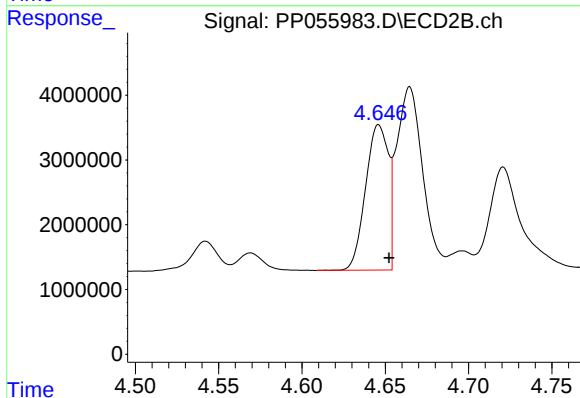
R.T.: 8.565 min
Delta R.T.: -0.012 min
Response: 56047908
Conc: 49.40 ng/ml



#3 AR-1016-1

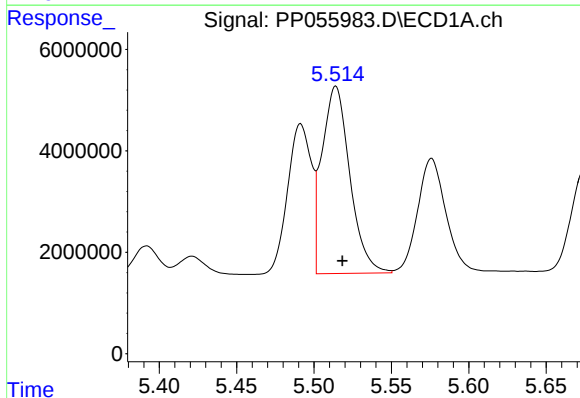
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 31817064
Conc: 533.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



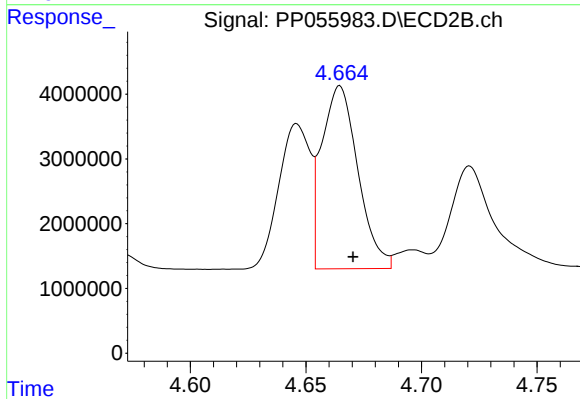
#3 AR-1016-1

R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 21299778
Conc: 473.01 ng/ml



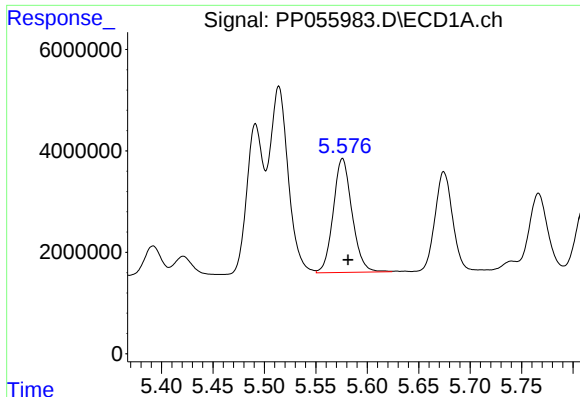
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 46285311
Conc: 529.04 ng/ml



#4 AR-1016-2

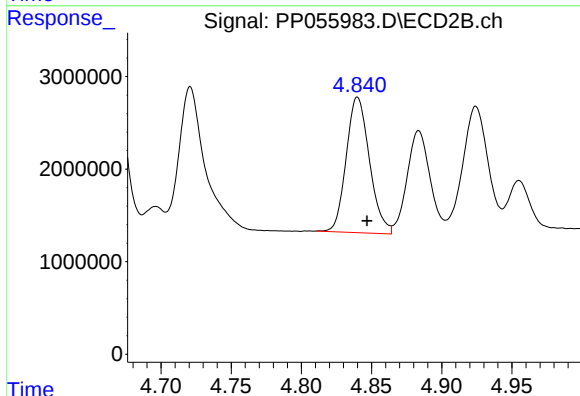
R.T.: 4.665 min
Delta R.T.: -0.006 min
Response: 30775723
Conc: 473.88 ng/ml



#5 AR-1016-3

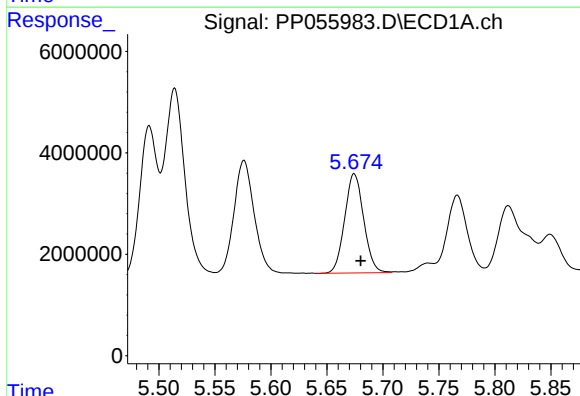
R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 28621475
Conc: 515.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



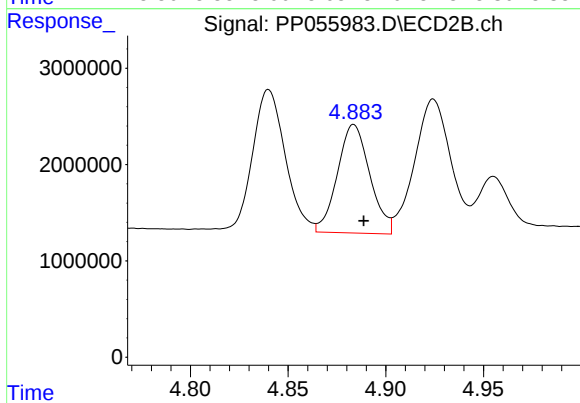
#5 AR-1016-3

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 16899303
Conc: 486.27 ng/ml



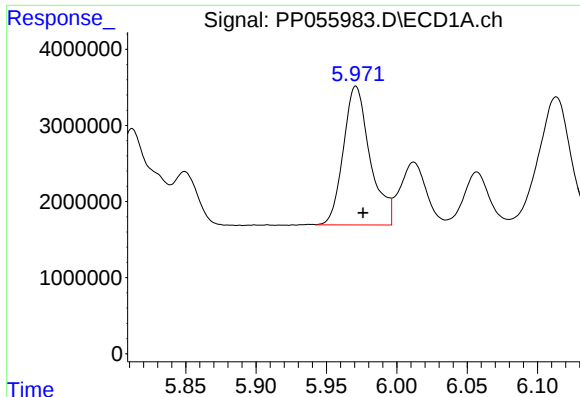
#6 AR-1016-4

R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 23067634
Conc: 517.66 ng/ml



#6 AR-1016-4

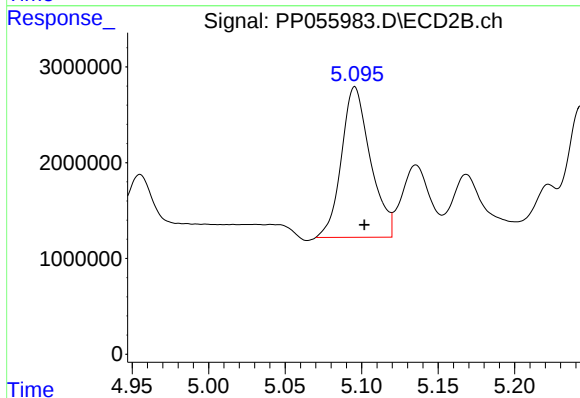
R.T.: 4.884 min
Delta R.T.: -0.005 min
Response: 13010212
Conc: 435.26 ng/ml



#7 AR-1016-5

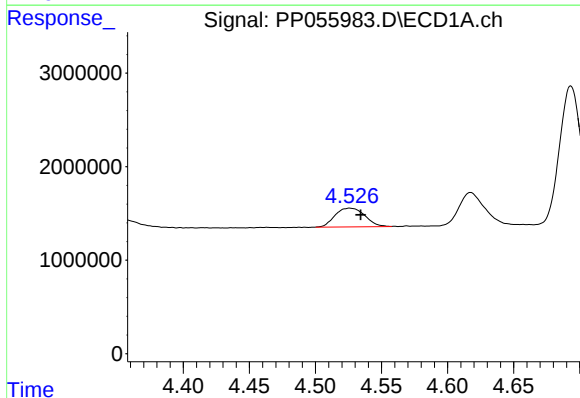
R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 24120919
Conc: 499.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



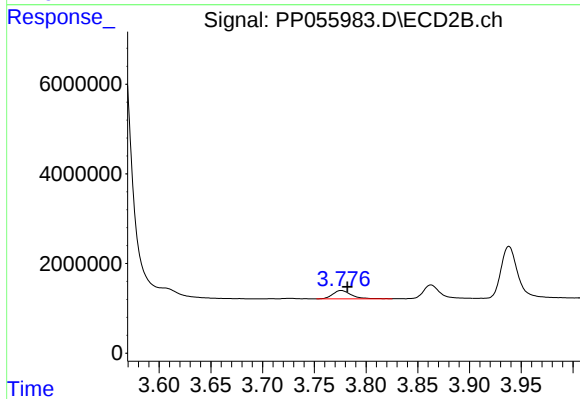
#7 AR-1016-5

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 20684067
Conc: 523.20 ng/ml



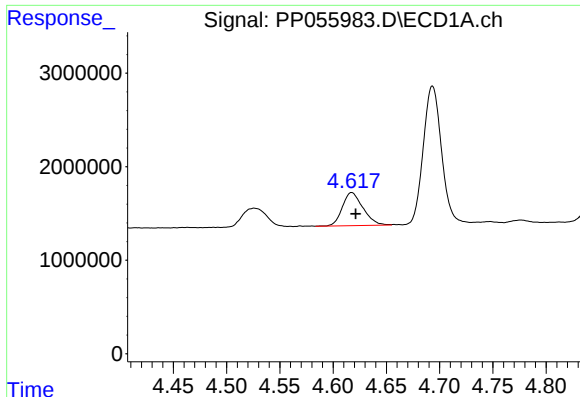
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: -0.008 min
Response: 3140241
Conc: 150.87 ng/ml



#8 AR-1221-1

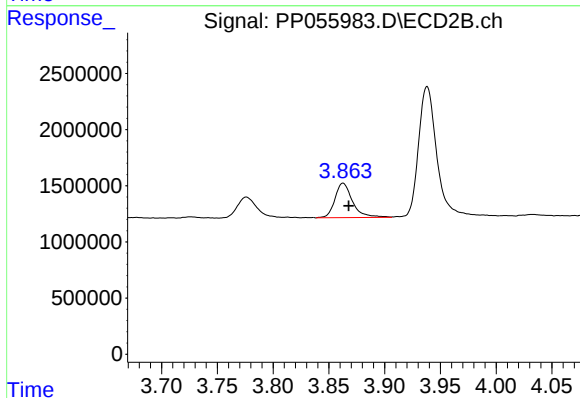
R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 2328394
Conc: 129.62 ng/ml



#9 AR-1221-2

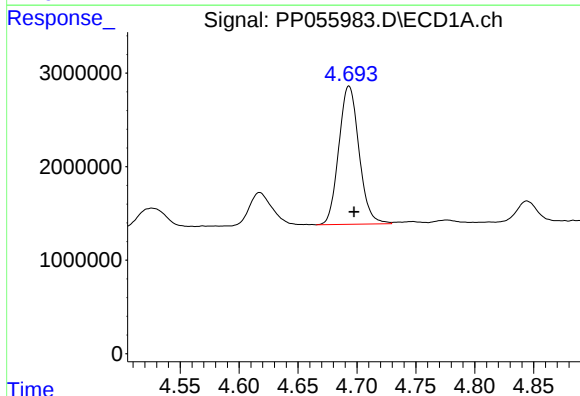
R.T.: 4.617 min
Delta R.T.: -0.004 min
Response: 4782814
Conc: 300.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



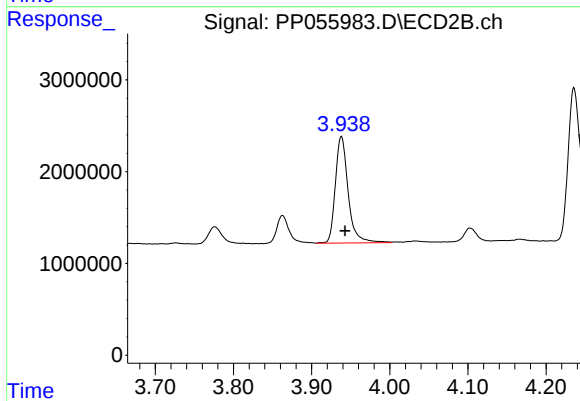
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: -0.005 min
Response: 3373055
Conc: 256.83 ng/ml



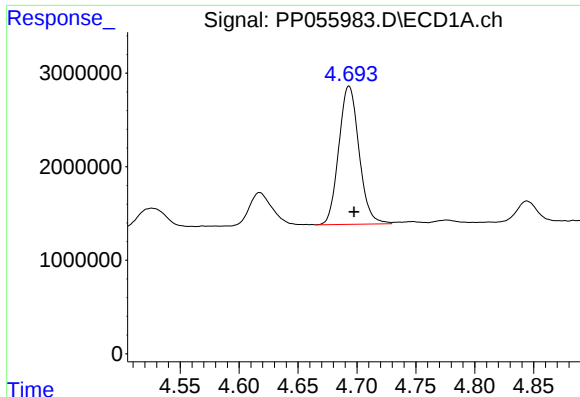
#10 AR-1221-3

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 17692276
Conc: 364.69 ng/ml



#10 AR-1221-3

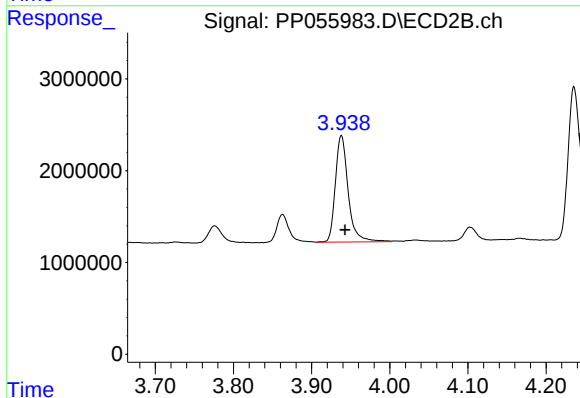
R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 13267507
Conc: 317.88 ng/ml



#11 AR-1232-1

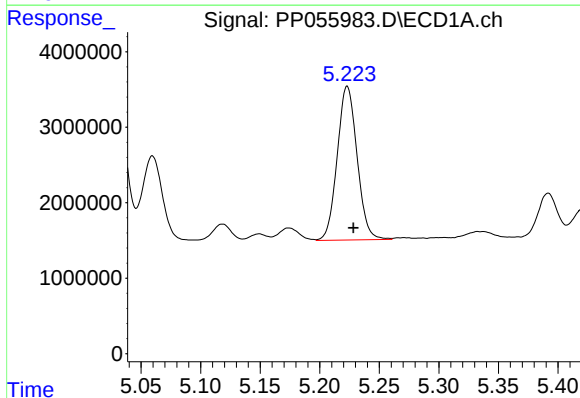
R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 17692276
Conc: 446.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



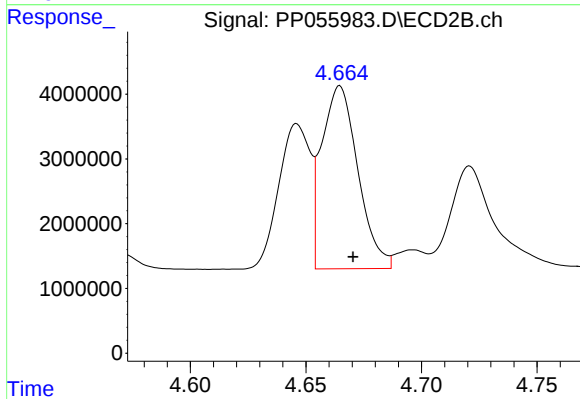
#11 AR-1232-1

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 13267507
Conc: 385.40 ng/ml



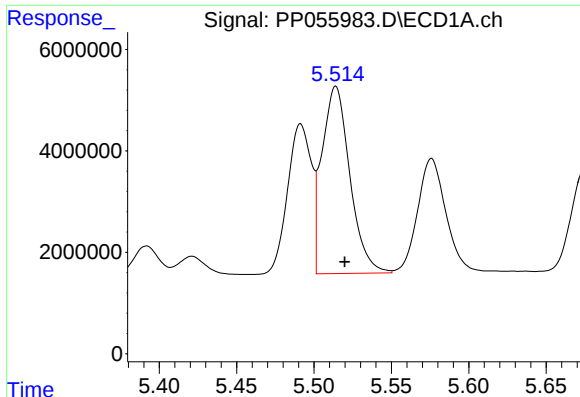
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 23644315
Conc: 1138.31 ng/ml



#12 AR-1232-2

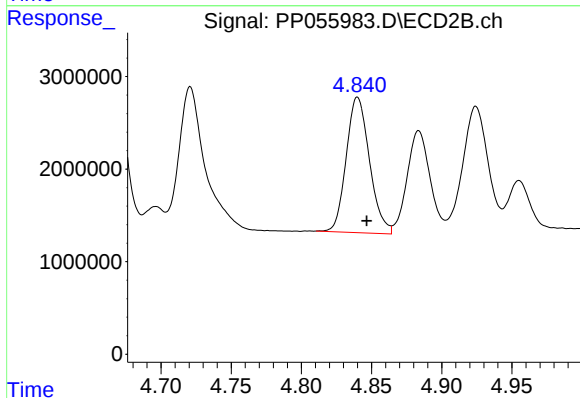
R.T.: 4.665 min
Delta R.T.: -0.006 min
Response: 30775723
Conc: 1048.57 ng/ml



#13 AR-1232-3

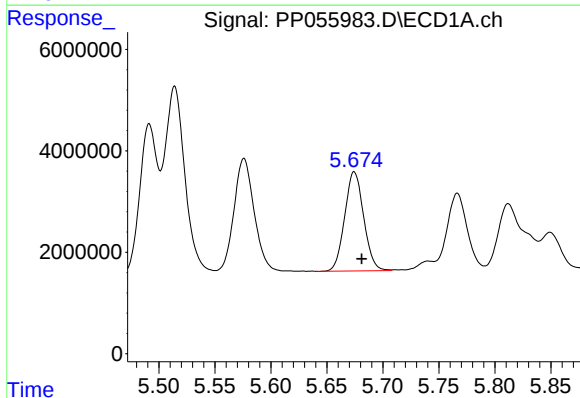
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 46285311
Conc: 1174.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



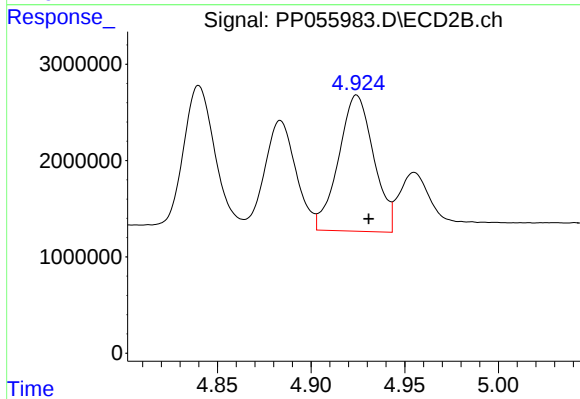
#13 AR-1232-3

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 16899303
Conc: 1111.99 ng/ml



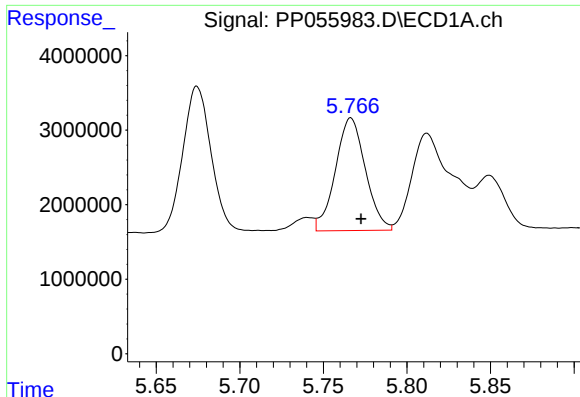
#14 AR-1232-4

R.T.: 5.674 min
Delta R.T.: -0.007 min
Response: 23067634
Conc: 1177.54 ng/ml



#14 AR-1232-4

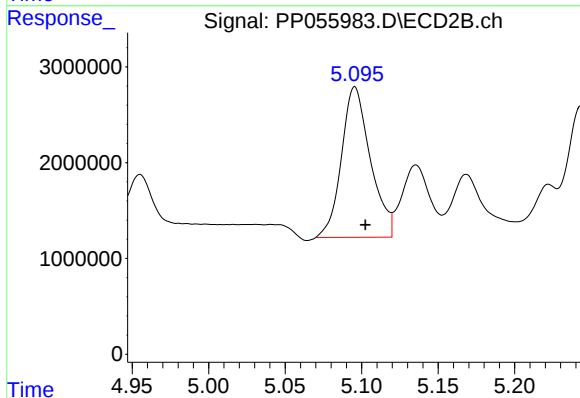
R.T.: 4.924 min
Delta R.T.: -0.006 min
Response: 18411413
Conc: 1214.50 ng/ml



#15 AR-1232-5

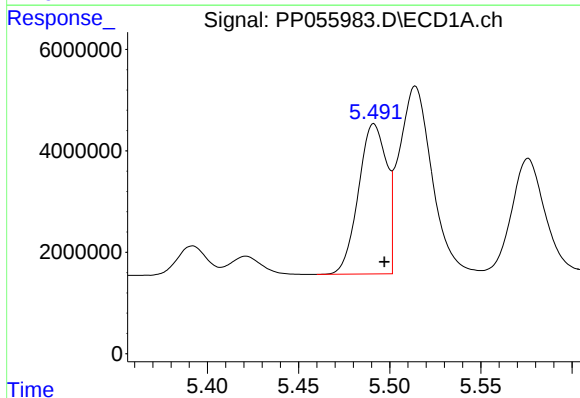
R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 18888036
Conc: 1181.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



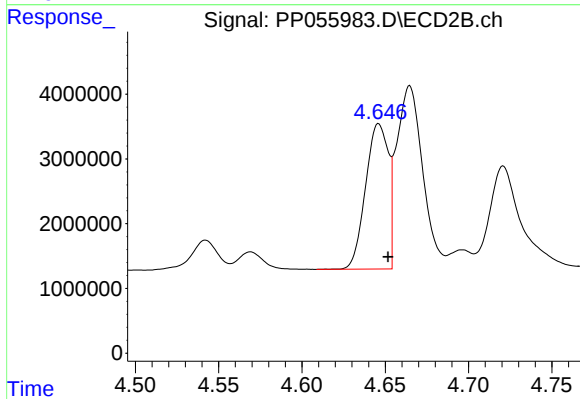
#15 AR-1232-5

R.T.: 5.096 min
Delta R.T.: -0.007 min
Response: 20684067
Conc: 1261.88 ng/ml



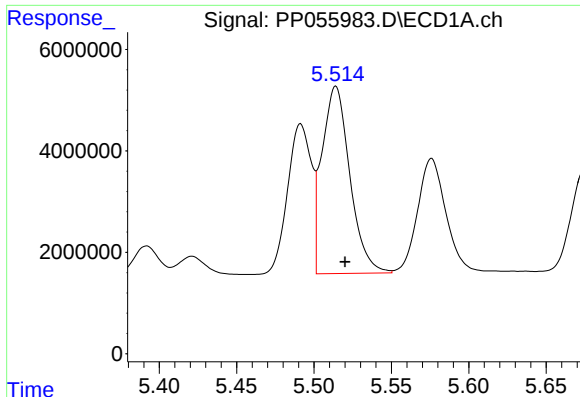
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 31817064
Conc: 658.93 ng/ml



#16 AR-1242-1

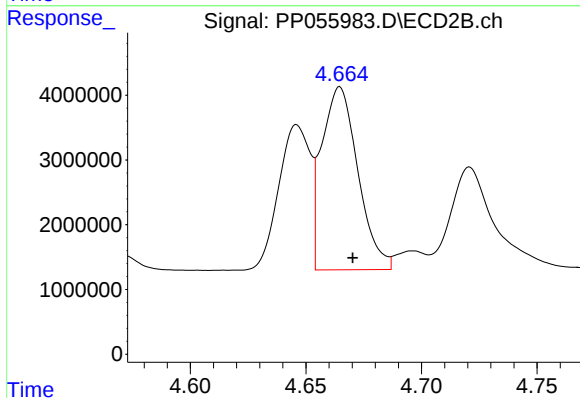
R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 21299778
Conc: 578.91 ng/ml



#17 AR-1242-2

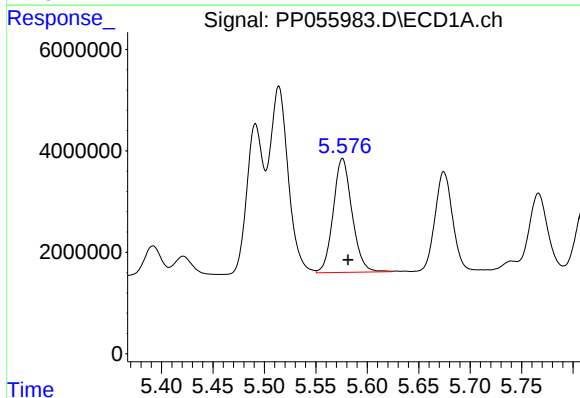
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 46285311
Conc: 651.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



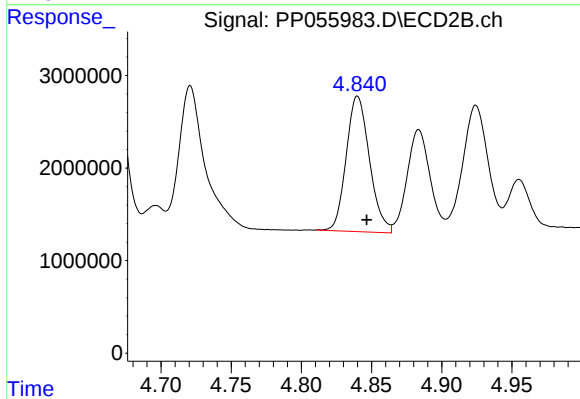
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: -0.006 min
Response: 30775723
Conc: 584.29 ng/ml



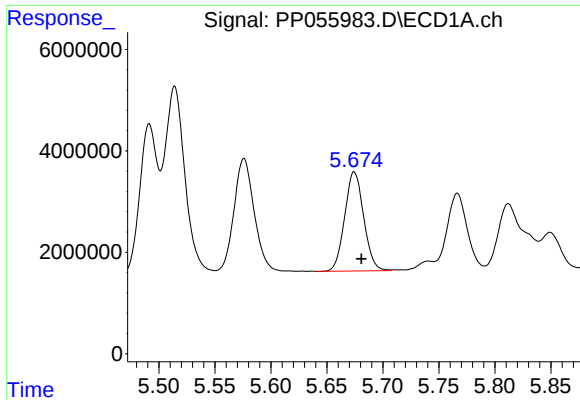
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 28621475
Conc: 641.53 ng/ml



#18 AR-1242-3

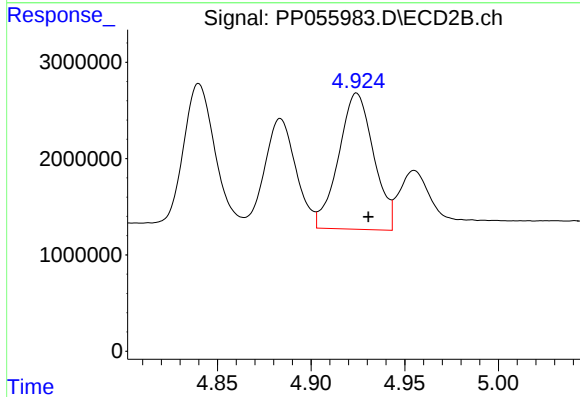
R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 16899303
Conc: 596.93 ng/ml



#19 AR-1242-4

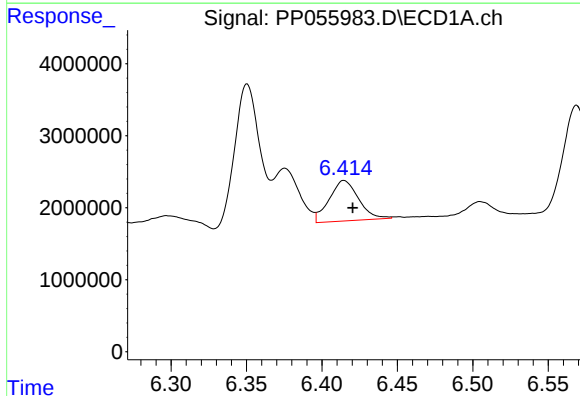
R.T.: 5.674 min
Delta R.T.: -0.007 min
Response: 23067634
Conc: 638.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



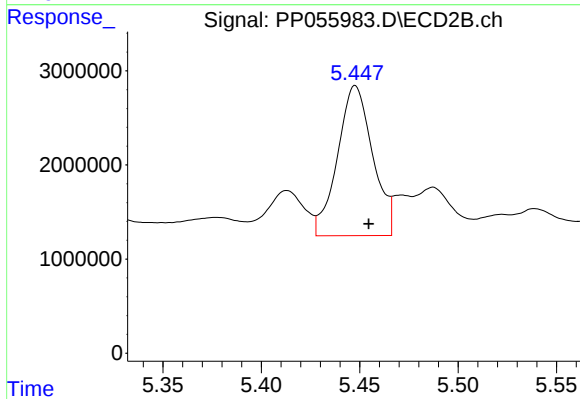
#19 AR-1242-4

R.T.: 4.924 min
Delta R.T.: -0.006 min
Response: 18411413
Conc: 596.75 ng/ml



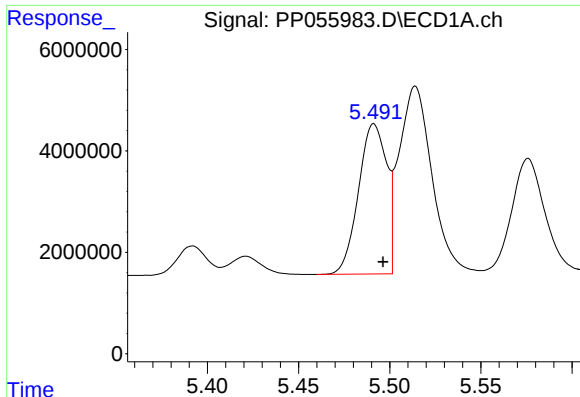
#20 AR-1242-5

R.T.: 6.415 min
Delta R.T.: -0.006 min
Response: 7606193
Conc: 181.58 ng/ml



#20 AR-1242-5

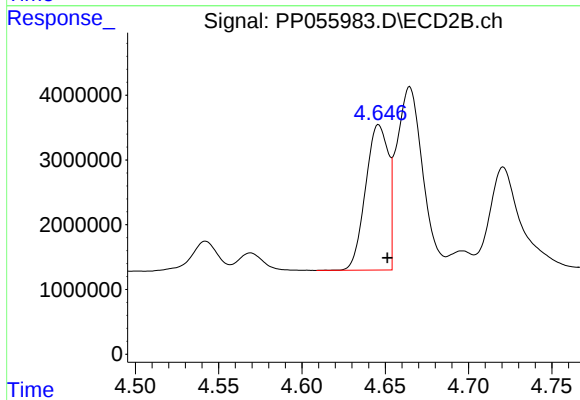
R.T.: 5.448 min
Delta R.T.: -0.007 min
Response: 19848968
Conc: 595.90 ng/ml



#21 AR-1248-1

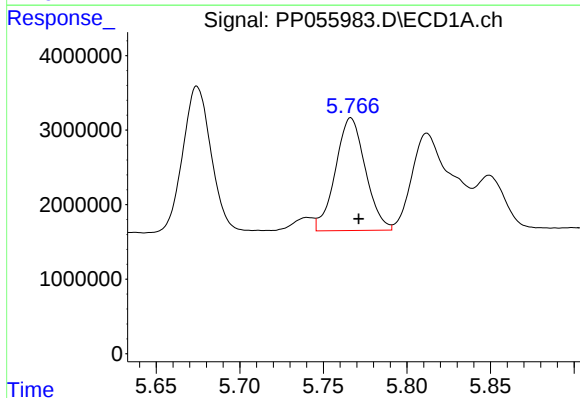
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 31817064
Conc: 874.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



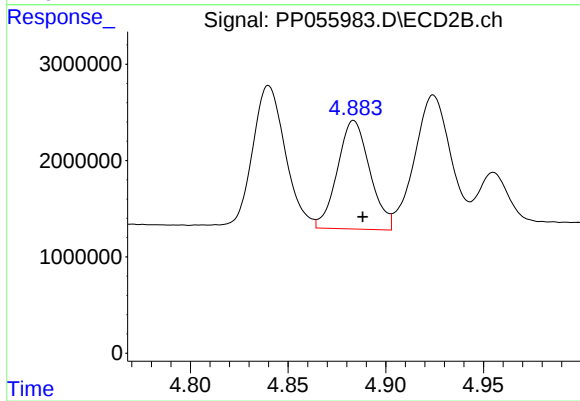
#21 AR-1248-1

R.T.: 4.646 min
Delta R.T.: -0.005 min
Response: 21299778
Conc: 762.66 ng/ml



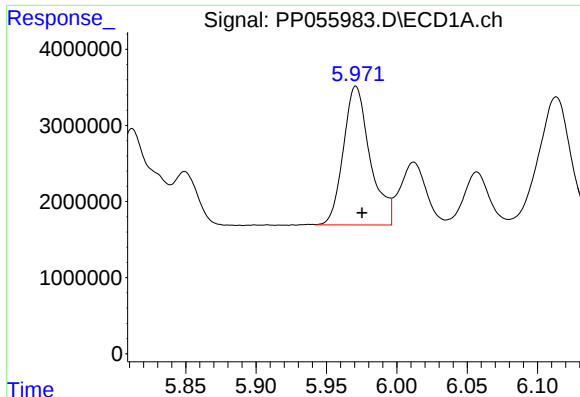
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 18888036
Conc: 328.27 ng/ml



#22 AR-1248-2

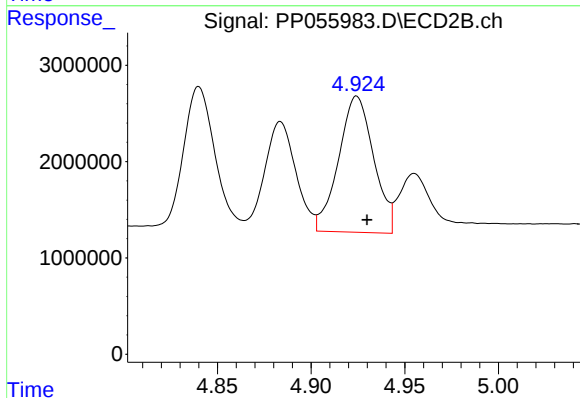
R.T.: 4.884 min
Delta R.T.: -0.005 min
Response: 13010212
Conc: 305.83 ng/ml



#23 AR-1248-3

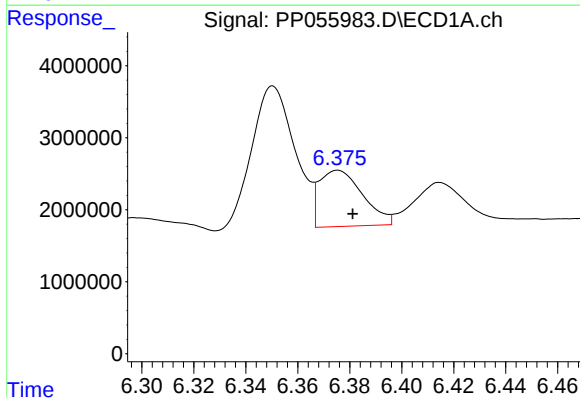
R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 24120919
Conc: 371.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



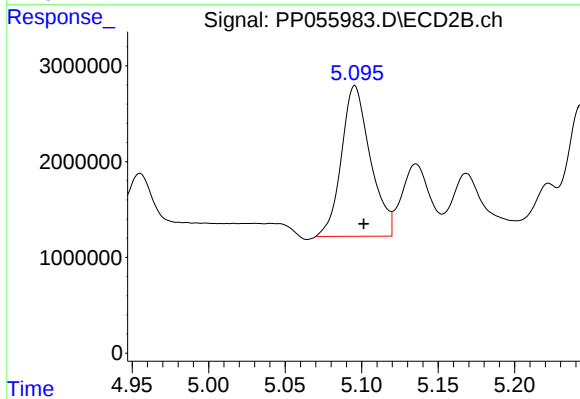
#23 AR-1248-3

R.T.: 4.924 min
Delta R.T.: -0.005 min
Response: 18411413
Conc: 413.73 ng/ml



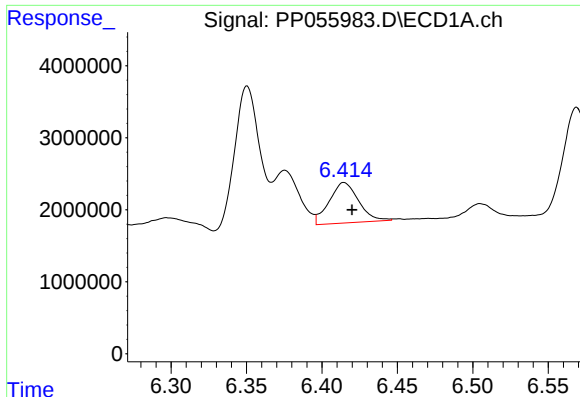
#24 AR-1248-4

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 9056977
Conc: 124.83 ng/ml



#24 AR-1248-4

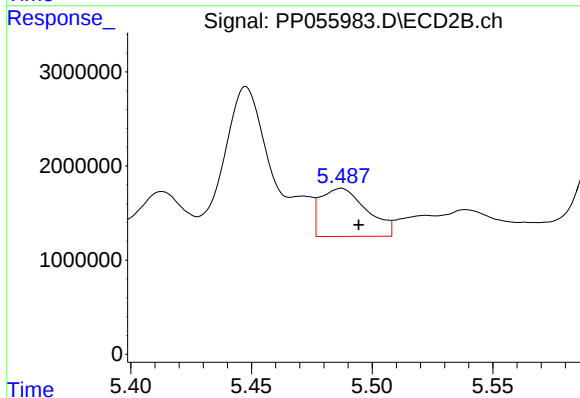
R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 20684067
Conc: 403.97 ng/ml



#25 AR-1248-5

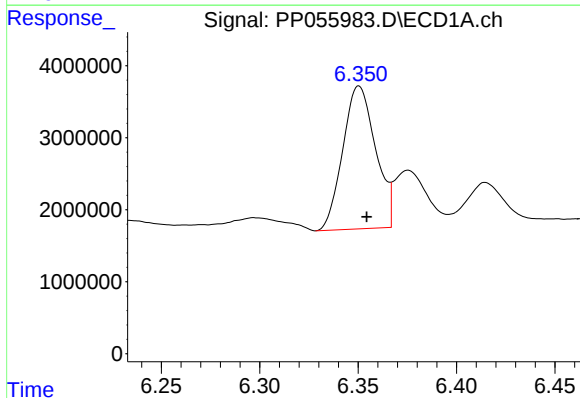
R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 7606193
Conc: 107.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



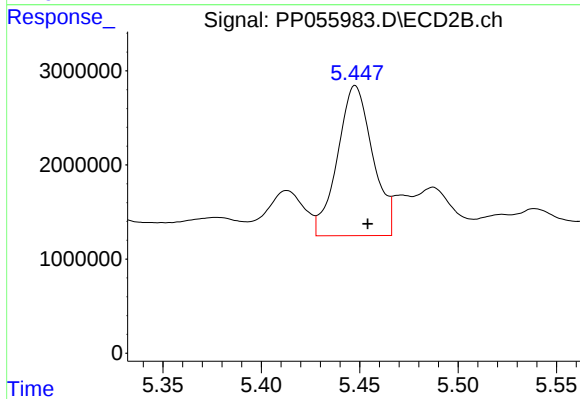
#25 AR-1248-5

R.T.: 5.487 min
Delta R.T.: -0.007 min
Response: 6837289
Conc: 155.12 ng/ml



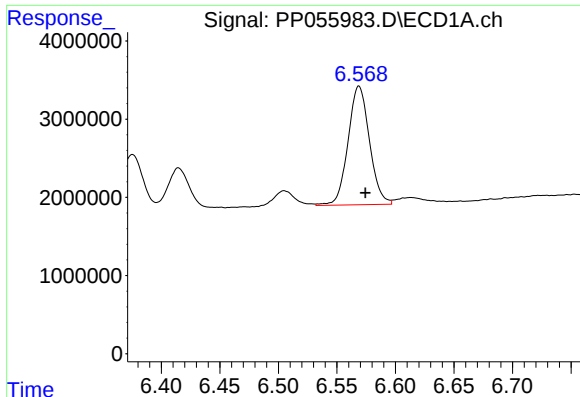
#26 AR-1254-1

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 22985858
Conc: 312.64 ng/ml



#26 AR-1254-1

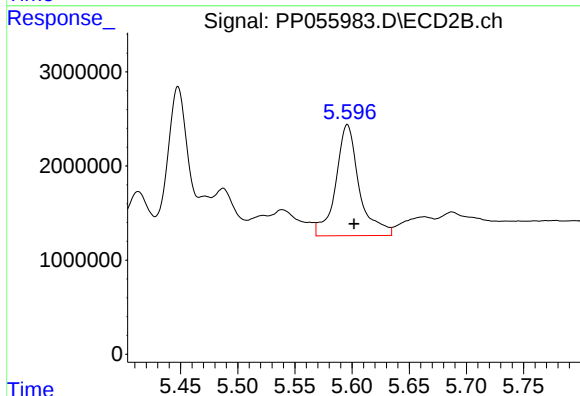
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 19848968
Conc: 269.79 ng/ml



#27 AR-1254-2

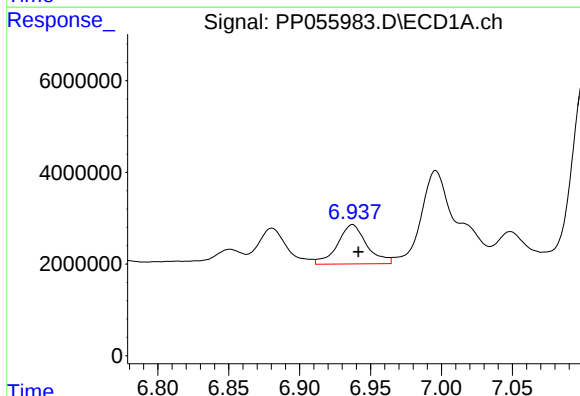
R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 19331330
Conc: 167.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



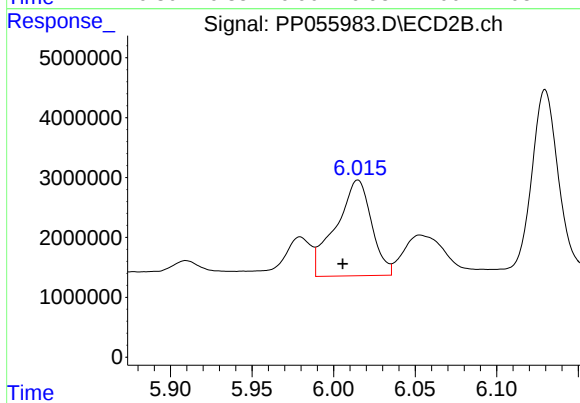
#27 AR-1254-2

R.T.: 5.596 min
Delta R.T.: -0.006 min
Response: 16824342
Conc: 267.41 ng/ml



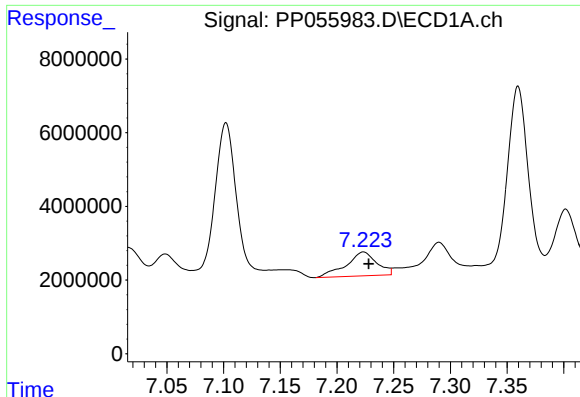
#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 12386370
Conc: 100.65 ng/ml



#28 AR-1254-3

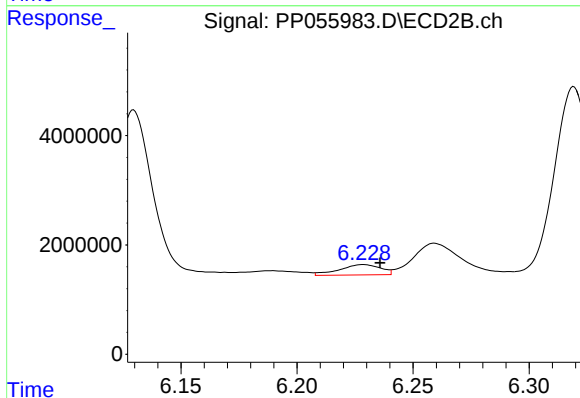
R.T.: 6.015 min
Delta R.T.: 0.009 min
Response: 24325851
Conc: 248.03 ng/ml



#29 AR-1254-4

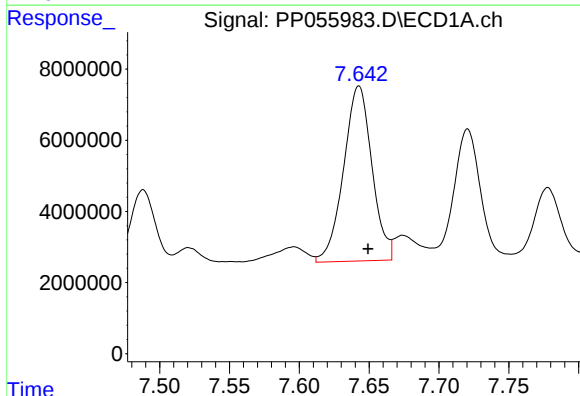
R.T.: 7.223 min
Delta R.T.: -0.005 min
Response: 12246498
Conc: 133.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



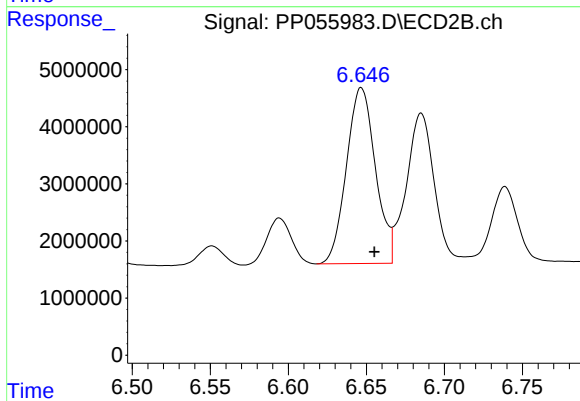
#29 AR-1254-4

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 2314063
Conc: 42.04 ng/ml



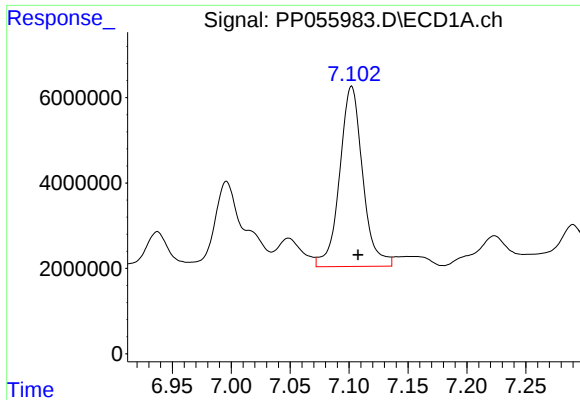
#30 AR-1254-5

R.T.: 7.643 min
Delta R.T.: -0.007 min
Response: 69639621
Conc: 662.58 ng/ml



#30 AR-1254-5

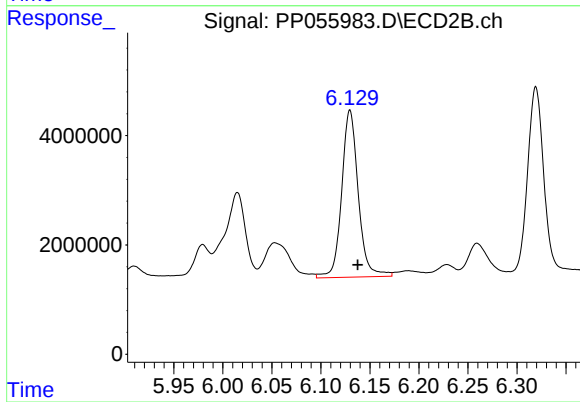
R.T.: 6.647 min
Delta R.T.: -0.008 min
Response: 39811814
Conc: 490.00 ng/ml



#31 AR-1260-1

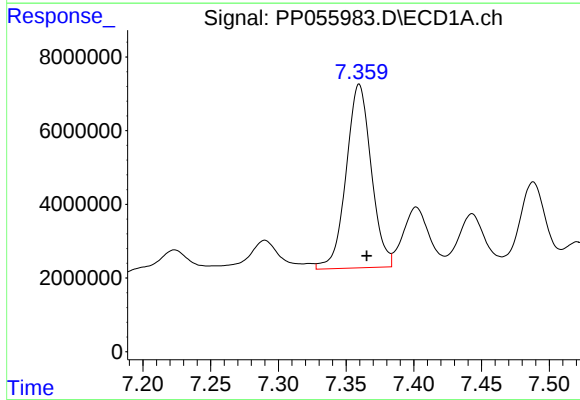
R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 57437031
Conc: 554.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



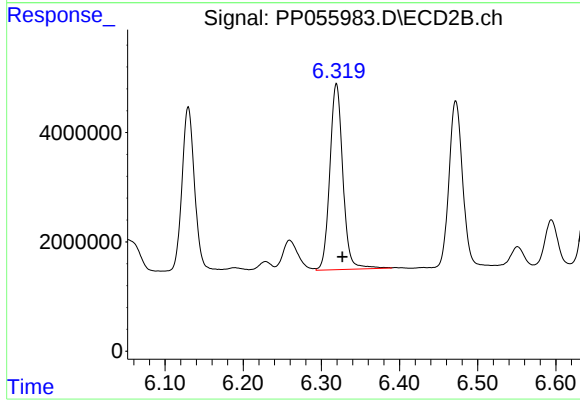
#31 AR-1260-1

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 36019246
Conc: 494.08 ng/ml



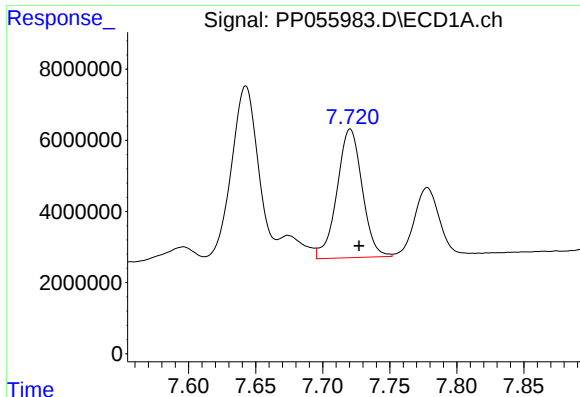
#32 AR-1260-2

R.T.: 7.360 min
Delta R.T.: -0.006 min
Response: 64292861
Conc: 511.19 ng/ml



#32 AR-1260-2

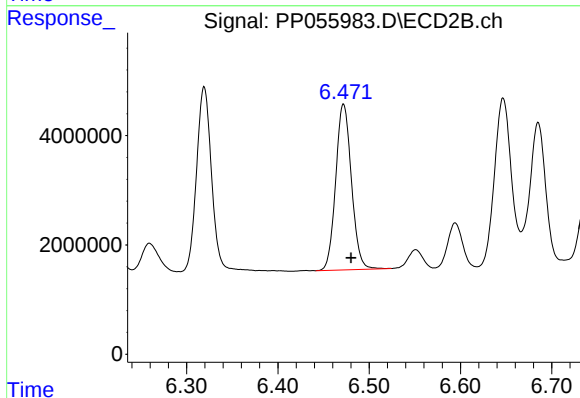
R.T.: 6.319 min
Delta R.T.: -0.008 min
Response: 39391864
Conc: 482.76 ng/ml



#33 AR-1260-3

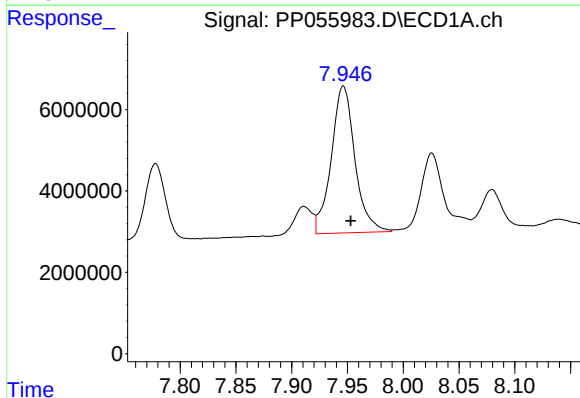
R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 47152743
Conc: 536.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



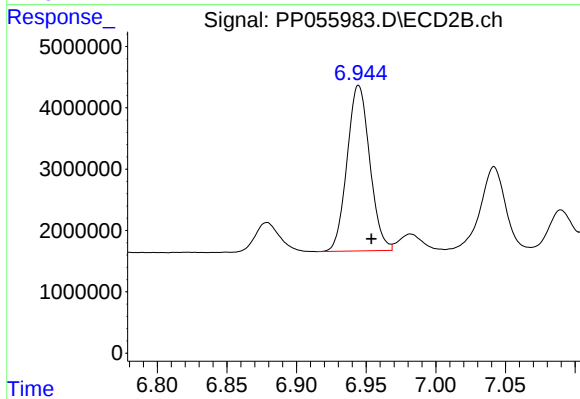
#33 AR-1260-3

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 36316465
Conc: 429.75 ng/ml



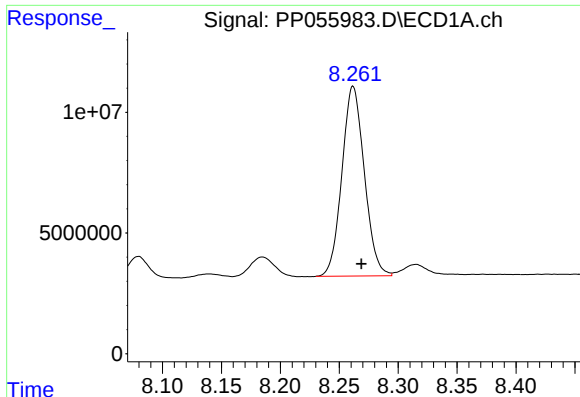
#34 AR-1260-4

R.T.: 7.946 min
Delta R.T.: -0.007 min
Response: 53406687
Conc: 496.92 ng/ml



#34 AR-1260-4

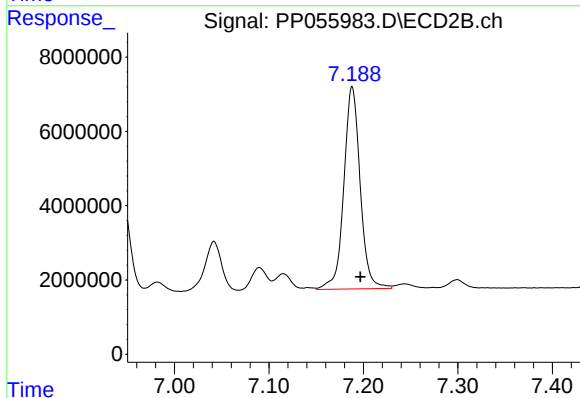
R.T.: 6.945 min
Delta R.T.: -0.009 min
Response: 30588612
Conc: 477.94 ng/ml



#35 AR-1260-5

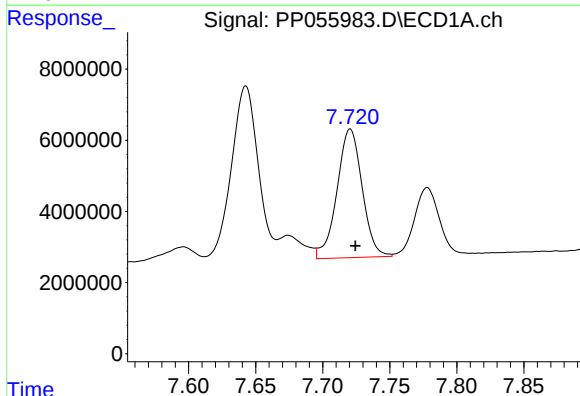
R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 104085565
Conc: 504.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



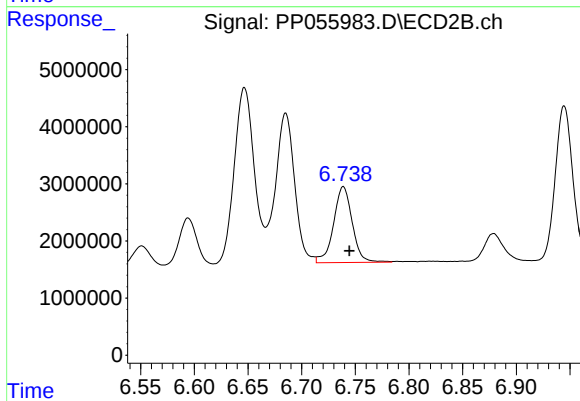
#35 AR-1260-5

R.T.: 7.188 min
Delta R.T.: -0.009 min
Response: 65443020
Conc: 483.48 ng/ml



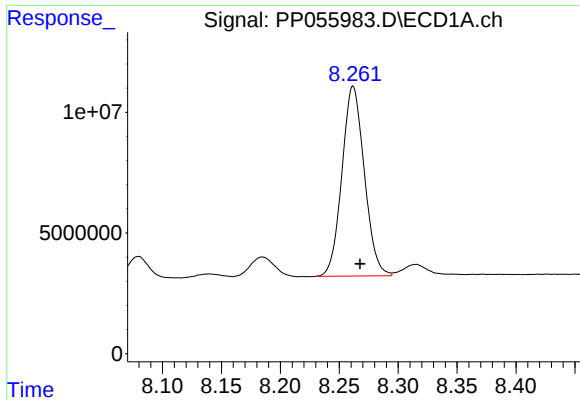
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.004 min
Response: 47152743
Conc: 399.66 ng/ml



#36 AR-1262-1

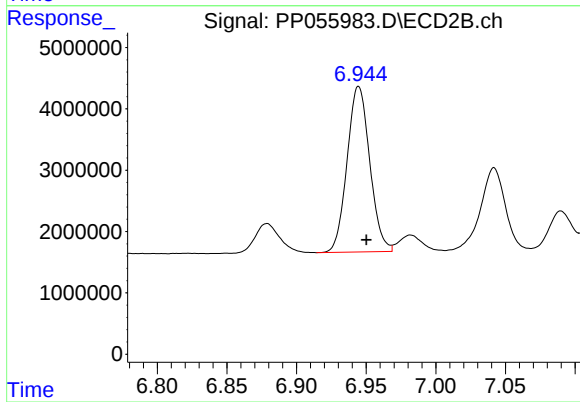
R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 16129683
Conc: 457.60 ng/ml



#37 AR-1262-2

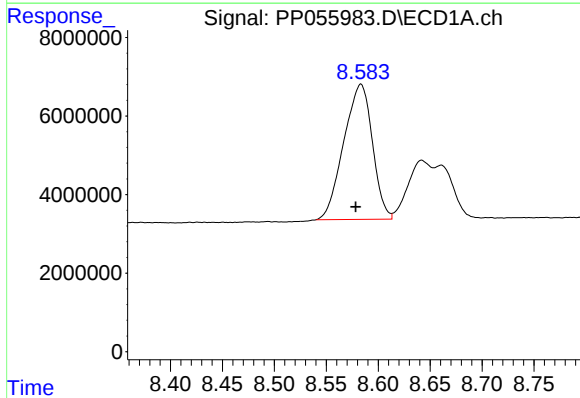
R.T.: 8.262 min
Delta R.T.: -0.006 min
Response: 104085565
Conc: 474.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



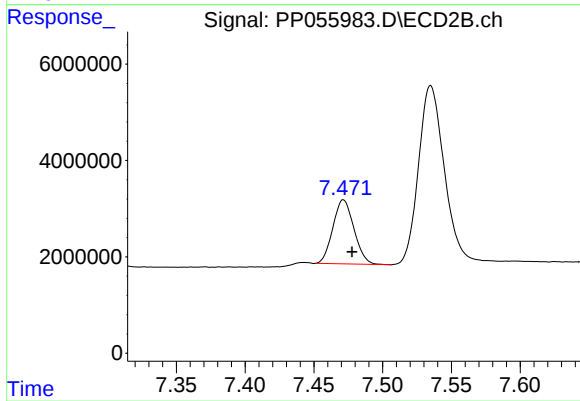
#37 AR-1262-2

R.T.: 6.945 min
Delta R.T.: -0.006 min
Response: 30588612
Conc: 411.95 ng/ml



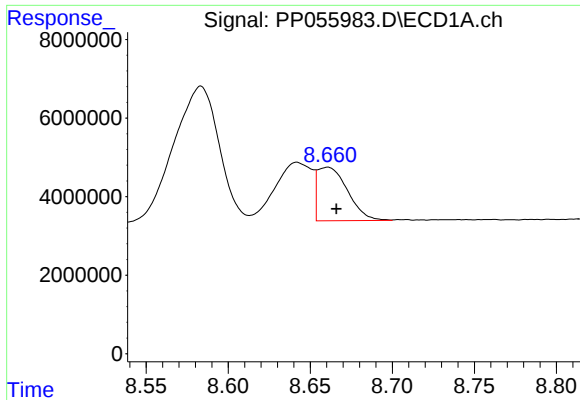
#38 AR-1262-3

R.T.: 8.583 min
Delta R.T.: 0.005 min
Response: 66024736
Conc: 431.88 ng/ml



#38 AR-1262-3

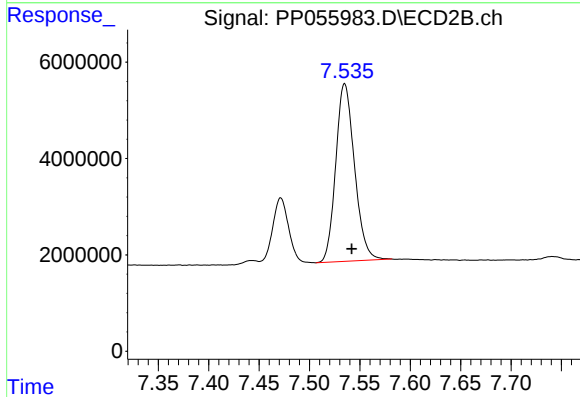
R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 14165192
Conc: 255.30 ng/ml



#39 AR-1262-4

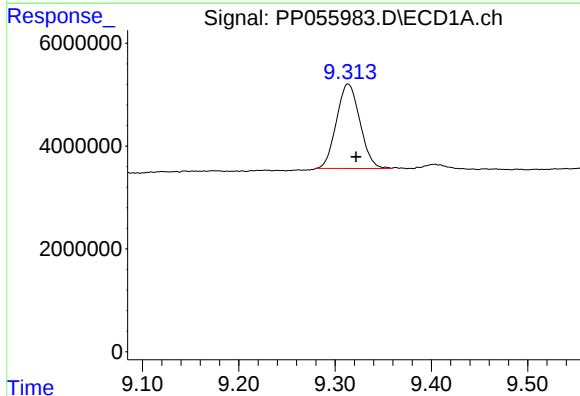
R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 17333671
Conc: 230.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



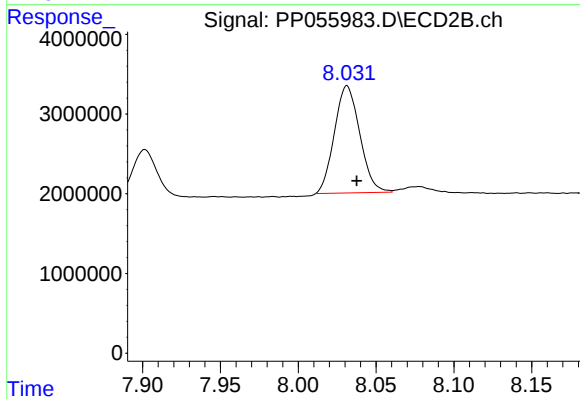
#39 AR-1262-4

R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 47791724
Conc: 470.78 ng/ml



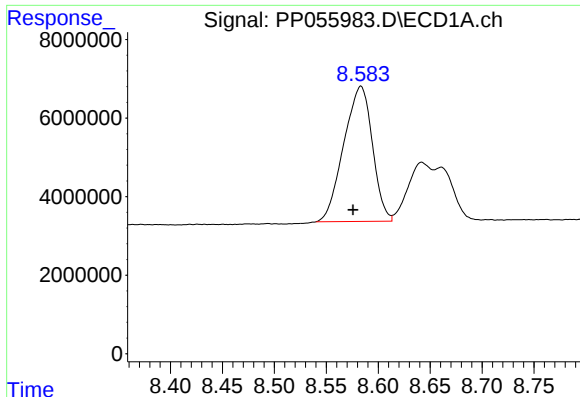
#40 AR-1262-5

R.T.: 9.314 min
Delta R.T.: -0.008 min
Response: 27764839
Conc: 336.76 ng/ml



#40 AR-1262-5

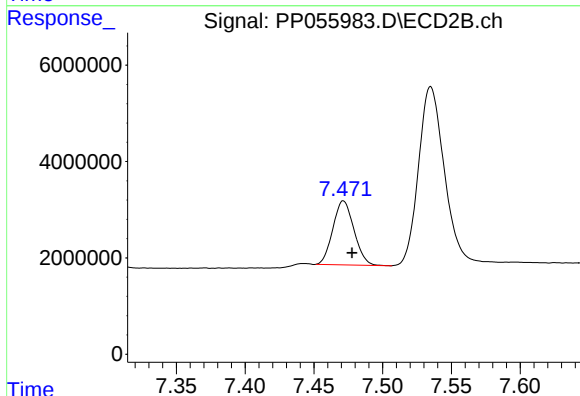
R.T.: 8.031 min
Delta R.T.: -0.006 min
Response: 15279963
Conc: 336.00 ng/ml



#41 AR-1268-1

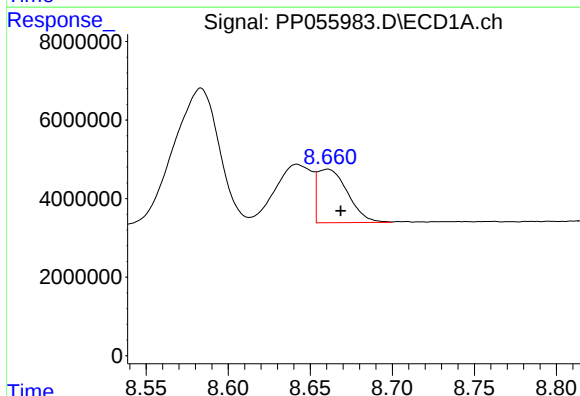
R.T.: 8.583 min
Delta R.T.: 0.008 min
Response: 66024736
Conc: 231.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



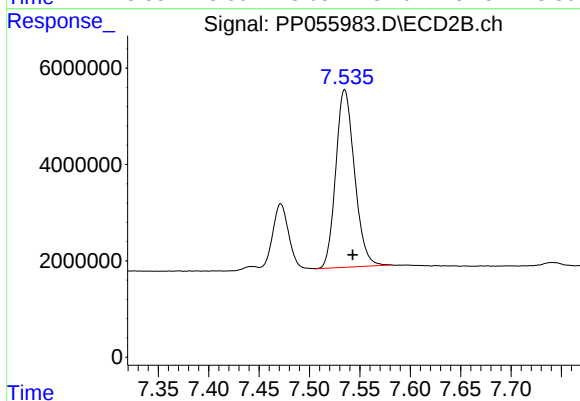
#41 AR-1268-1

R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 14165192
Conc: 84.25 ng/ml



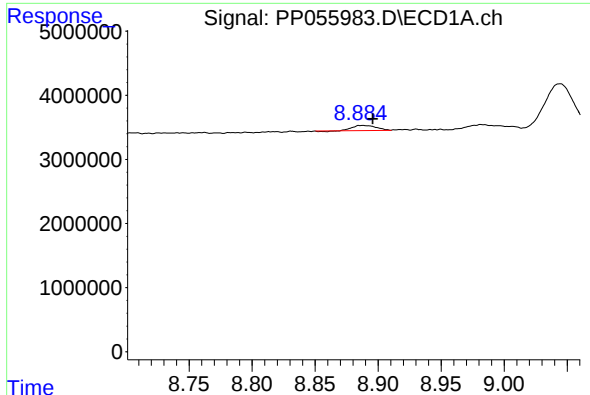
#42 AR-1268-2

R.T.: 8.661 min
Delta R.T.: -0.008 min
Response: 17333671
Conc: 65.01 ng/ml



#42 AR-1268-2

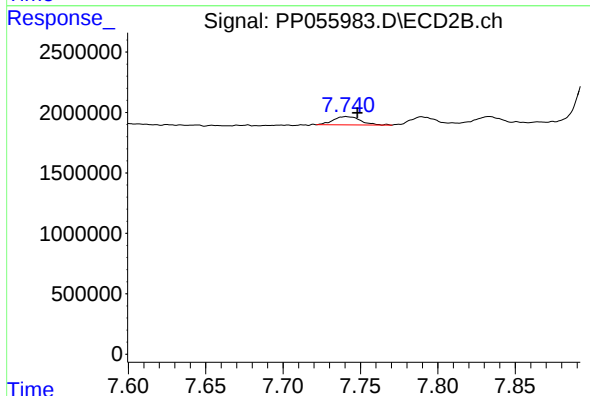
R.T.: 7.535 min
Delta R.T.: -0.008 min
Response: 47791724
Conc: 312.44 ng/ml



#43 AR-1268-3

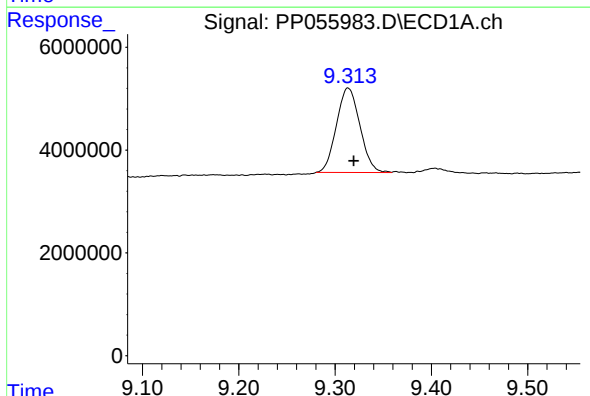
R.T.: 8.888 min
Delta R.T.: -0.008 min
Response: 1026795
Conc: 4.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



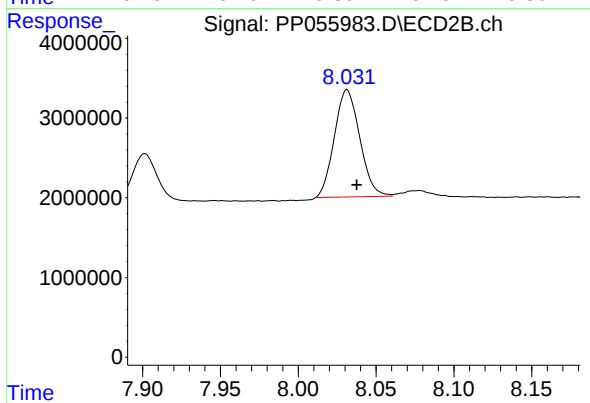
#43 AR-1268-3

R.T.: 7.741 min
Delta R.T.: -0.007 min
Response: 847921
Conc: 6.18 ng/ml



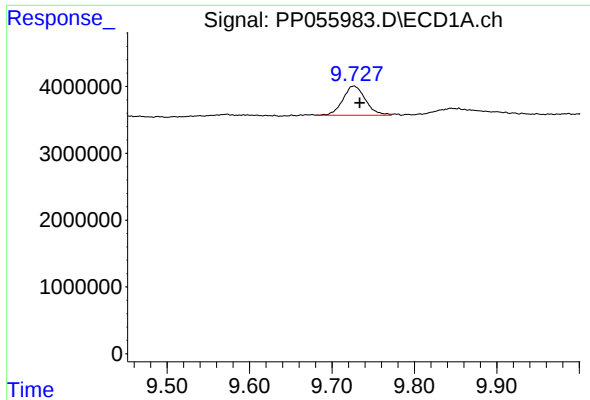
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: -0.006 min
Response: 27764839
Conc: 281.22 ng/ml



#44 AR-1268-4

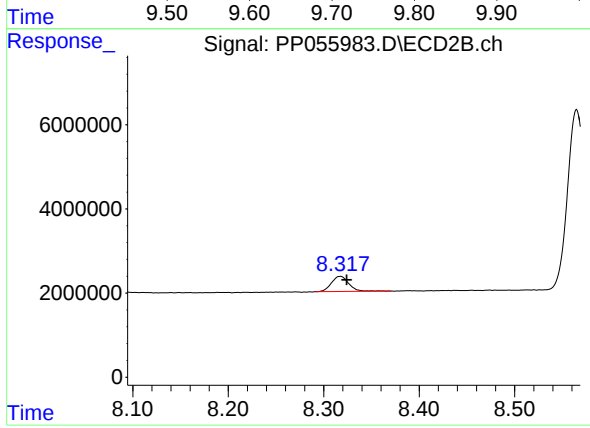
R.T.: 8.031 min
Delta R.T.: -0.006 min
Response: 15279963
Conc: 277.73 ng/ml



#45 AR-1268-5

R.T.: 9.727 min
Delta R.T.: -0.007 min
Response: 8368222
Conc: 11.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.317 min
Delta R.T.: -0.007 min
Response: 4578308
Conc: 11.35 ng/ml