

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030923\
 Data File : PP056329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2023 19:30
 Operator : YP\AJ
 Sample : 01829-11MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:37:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.320	3.562	26523057	18066244	17.082	12.803 #
2)	SA Decachlor...	10.063	8.562	33816433	21803921	17.024	19.505
Target Compounds							
3)	L1 AR-1016-1	5.491	4.644	21651194	14113367	373.988	334.995
4)	L1 AR-1016-2	5.514	4.662	30939755	19601317	361.160	323.406
5)	L1 AR-1016-3	5.576	4.838	19342254	10518572	354.627	324.979
6)	L1 AR-1016-4	5.675	4.881	15401704	9172583	354.700	326.829
7)	L1 AR-1016-5	5.971	5.094	15612558	11366881	340.523	317.713
8)	L2 AR-1221-1	4.526	3.773	6554732	1648563	327.221	94.792 #
9)	L2 AR-1221-2	4.615	3.858	2760475	2331860	181.679	180.455
10)	L2 AR-1221-3	4.691	3.935	12760865	9011214	274.330	222.124
11)	L3 AR-1232-1	4.691	3.935	12760865	9011214	329.148	273.820
12)	L3 AR-1232-2	5.222	4.662	16653837	19601317	823.183	706.964
13)	L3 AR-1232-3	5.514	4.838	30939755	10518572	794.289	742.689
14)	L3 AR-1232-4	5.675	4.923	15401704	11237412	787.593	791.205
15)	L3 AR-1232-5	5.767	5.094	13580720	11366881	857.369	741.149
16)	L4 AR-1242-1	5.491	4.644	21651194	14113367	444.272	399.100
17)	L4 AR-1242-2	5.514	4.662	30939755	19601317	433.642	385.788
18)	L4 AR-1242-3	5.576	4.838	19342254	10518572	424.878	389.798
19)	L4 AR-1242-4	5.675	4.923	15401704	11237412	430.909	383.537
20)	L4 AR-1242-5	6.415	5.447	2731308	9307124	63.890	288.470 #
21)	L5 AR-1248-1	5.491	4.644	21651194	14113367	608.019	543.584
22)	L5 AR-1248-2	5.767	4.881	13580720	9172583	243.246	235.806
23)	L5 AR-1248-3	5.971	4.923	15612558	11237412	256.574	275.566
24)	L5 AR-1248-4	6.376	5.094	3273842	11366881	47.395	242.728 #
25)	L5 AR-1248-5	6.415	5.487	2731308	1276804	40.199	30.917
26)	L6 AR-1254-1	6.350	5.447	14577110	9307124	193.123	129.689 #
27)	L6 AR-1254-2	6.569	5.595	15706426	10028161	135.366	164.447
28)	L6 AR-1254-3	6.938	5.977f	7561432	3643501	61.663	39.357 #
29)	L6 AR-1254-4	7.223	6.227	6302240	1594847	69.400	29.585 #
30)	L6 AR-1254-5	7.643	6.645	61814010	33267257	597.919	425.663 #
31)	L7 AR-1260-1	7.102	6.128	35142571	22423903	356.602	328.936
32)	L7 AR-1260-2	7.360	6.318	44640228	26626319	384.847	348.066
33)	L7 AR-1260-3	7.721	6.470	38677465	25058119	451.831	346.538
34)	L7 AR-1260-4	7.947	6.942	43949851	25156584	444.542	419.505
35)	L7 AR-1260-5	8.263	7.187	97521853	55948039	487.986	437.846
36)	L8 AR-1262-1	7.721	6.737	38677465	11175372	324.051	340.015
37)	L8 AR-1262-2	8.263	6.942	97521853	25156584	446.813	352.899
38)	L8 AR-1262-3	8.585	7.470	67591224	13119360	442.401	240.922 #
39)	L8 AR-1262-4	8.665	7.533	28264221	45869800	351.586	474.431 #
40)	L8 AR-1262-5	9.315	8.029	26322702	15049620	317.729	334.919
41)	L9 AR-1268-1	8.585f	7.470	67591224	13119360	245.246	77.752 #

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 Sample : 01829-11MS
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 ALS Vial : 20 Sample Multiplier: 1

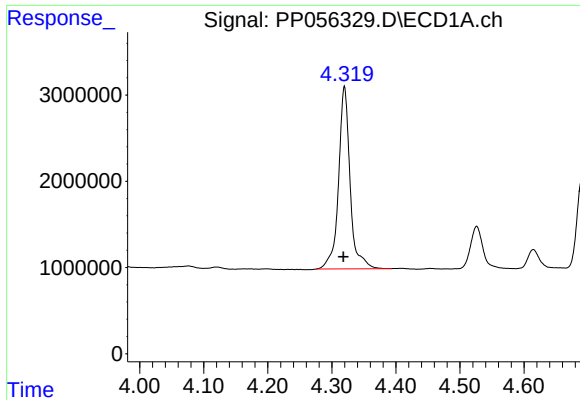
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:37:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.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	8.665	7.533	28264221	45869800	109.610	306.731 #
43) L9	AR-1268-3	8.891	7.740	1201312	1589656	5.240	11.704 #
44) L9	AR-1268-4	9.315	8.029	26322702	15049620	281.927	294.894
45) L9	AR-1268-5	9.731	8.315	16106418	5746329	22.191	14.769 #

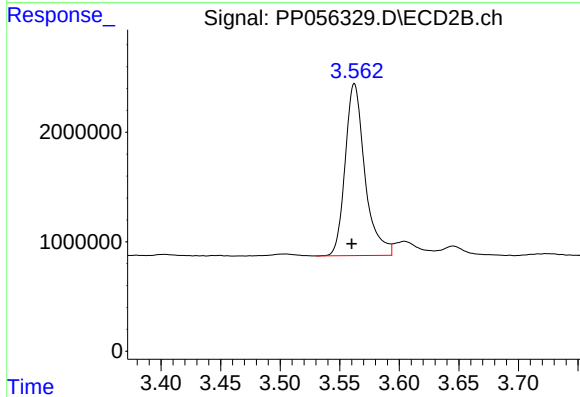
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

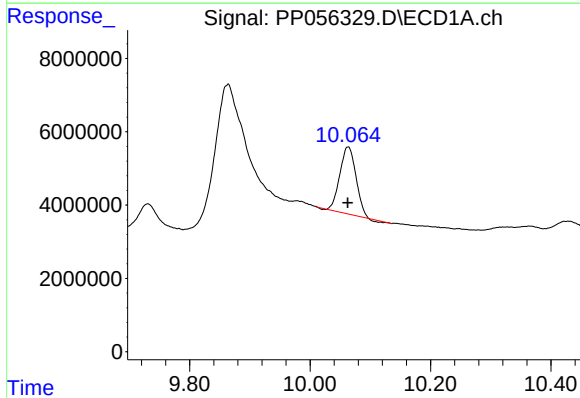
R.T.: 4.320 min
Delta R.T.: 0.002 min
Response: 26523057
Conc: 17.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



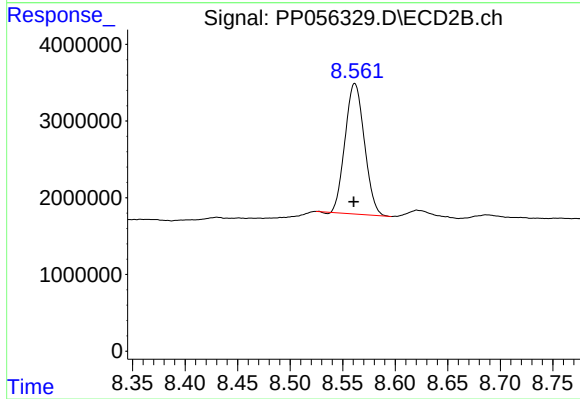
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.002 min
Response: 18066244
Conc: 12.80 ng/ml



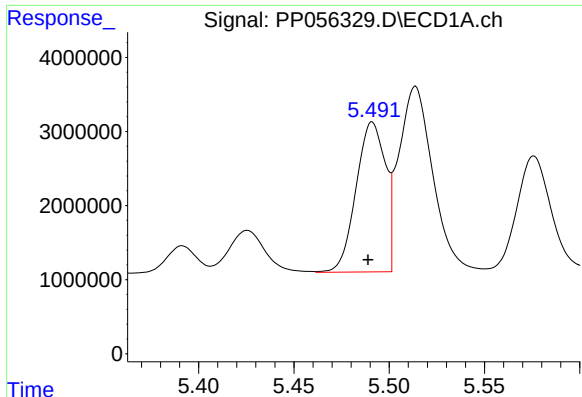
#2 Decachlorobiphenyl

R.T.: 10.063 min
Delta R.T.: 0.000 min
Response: 33816433
Conc: 17.02 ng/ml



#2 Decachlorobiphenyl

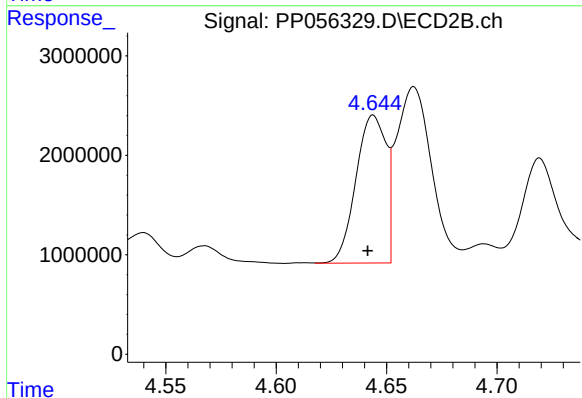
R.T.: 8.562 min
Delta R.T.: 0.001 min
Response: 21803921
Conc: 19.51 ng/ml



#3 AR-1016-1

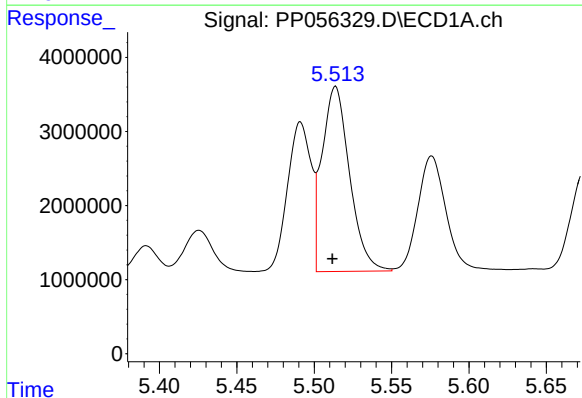
R.T.: 5.491 min
Delta R.T.: 0.002 min
Response: 21651194
Conc: 373.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



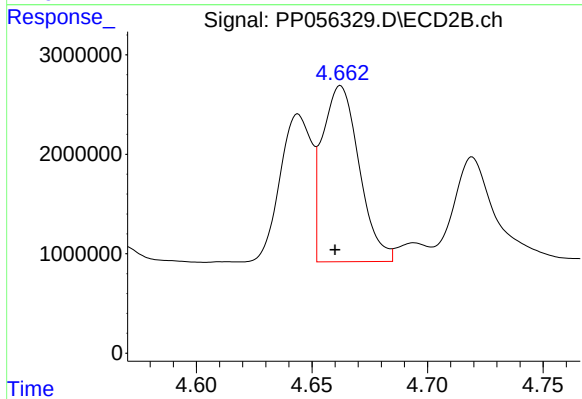
#3 AR-1016-1

R.T.: 4.644 min
Delta R.T.: 0.003 min
Response: 14113367
Conc: 335.00 ng/ml



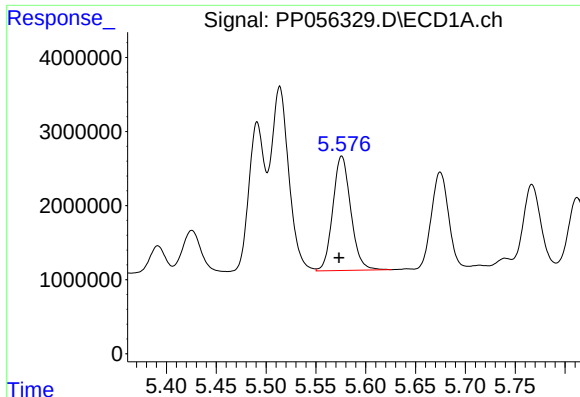
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.002 min
Response: 30939755
Conc: 361.16 ng/ml



#4 AR-1016-2

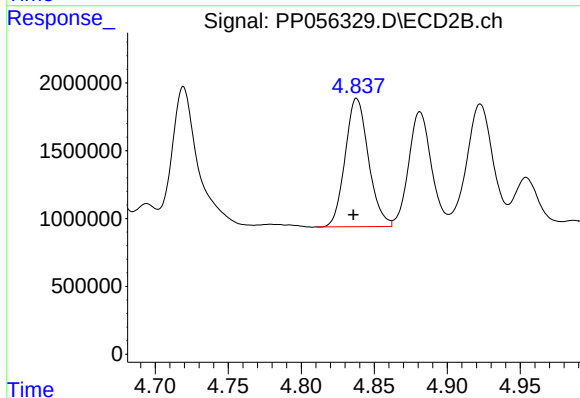
R.T.: 4.662 min
Delta R.T.: 0.002 min
Response: 19601317
Conc: 323.41 ng/ml



#5 AR-1016-3

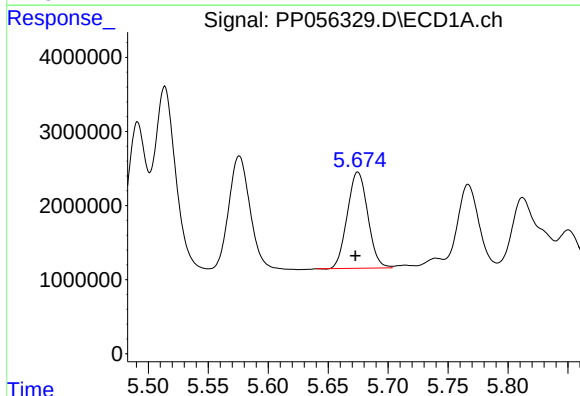
R.T.: 5.576 min
Delta R.T.: 0.003 min
Response: 19342254
Conc: 354.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



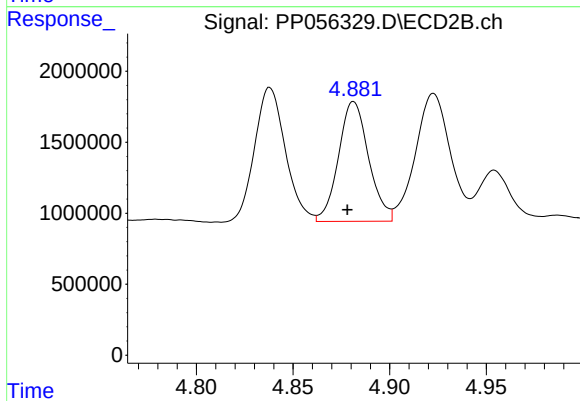
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: 0.002 min
Response: 10518572
Conc: 324.98 ng/ml



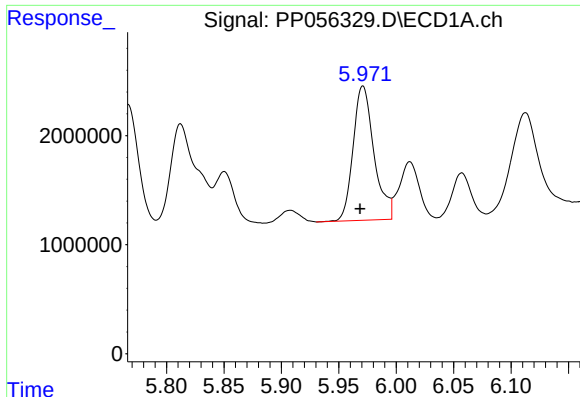
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 15401704
Conc: 354.70 ng/ml



#6 AR-1016-4

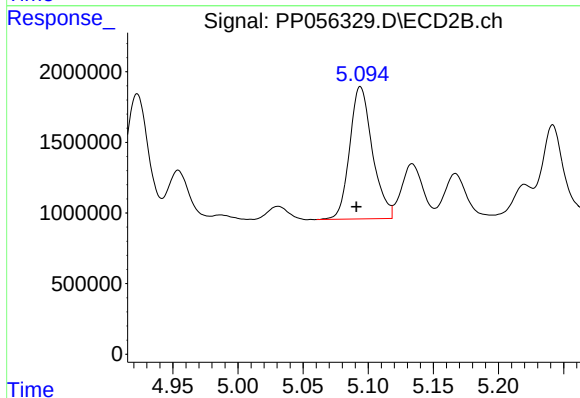
R.T.: 4.881 min
Delta R.T.: 0.003 min
Response: 9172583
Conc: 326.83 ng/ml



#7 AR-1016-5

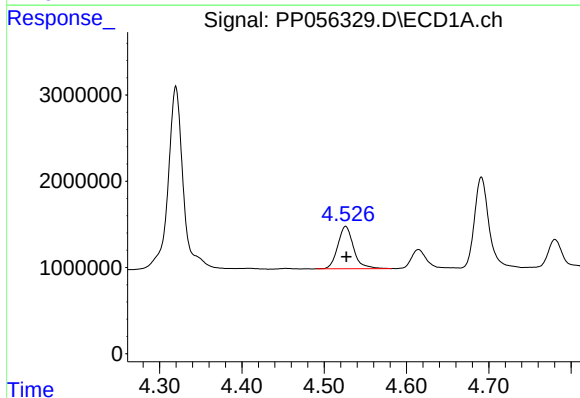
R.T.: 5.971 min
Delta R.T.: 0.003 min
Response: 15612558
Conc: 340.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



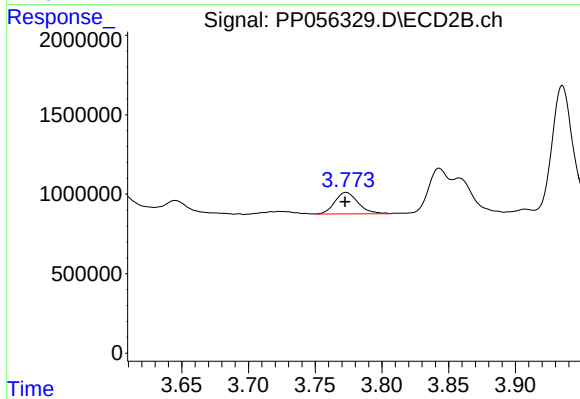
#7 AR-1016-5

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 11366881
Conc: 317.71 ng/ml



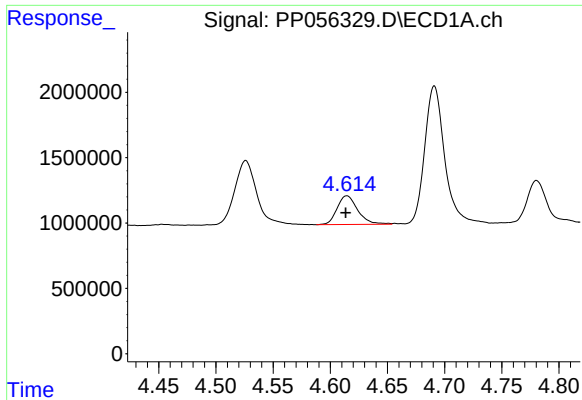
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 6554732
Conc: 327.22 ng/ml



#8 AR-1221-1

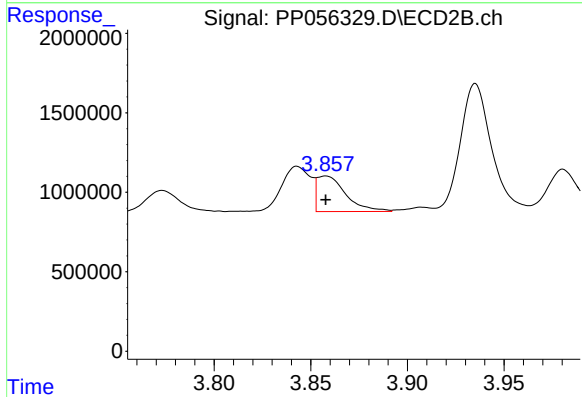
R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 1648563
Conc: 94.79 ng/ml



#9 AR-1221-2

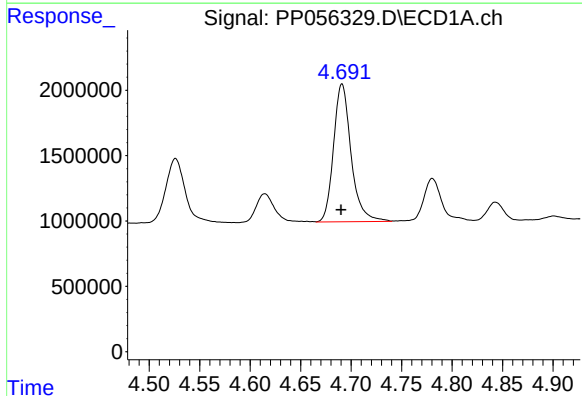
R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 2760475
Conc: 181.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



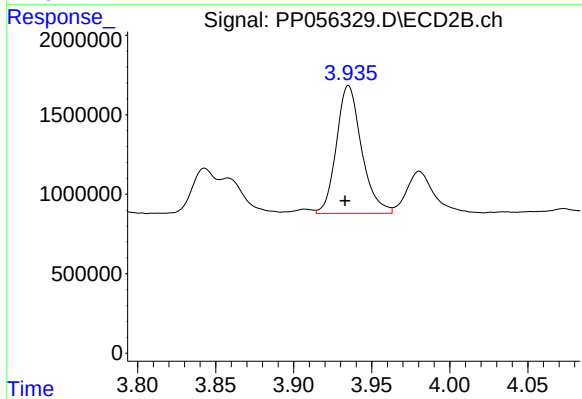
#9 AR-1221-2

R.T.: 3.858 min
Delta R.T.: 0.000 min
Response: 2331860
Conc: 180.46 ng/ml



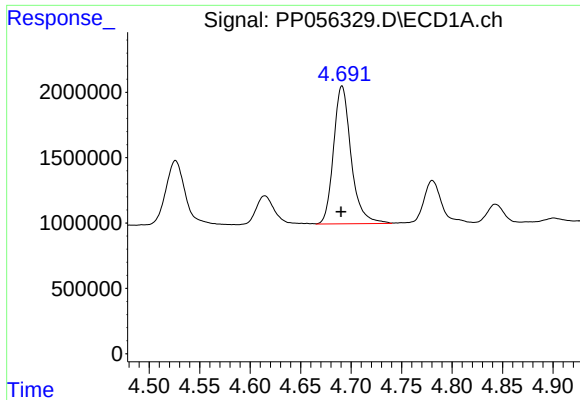
#10 AR-1221-3

R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 12760865
Conc: 274.33 ng/ml



#10 AR-1221-3

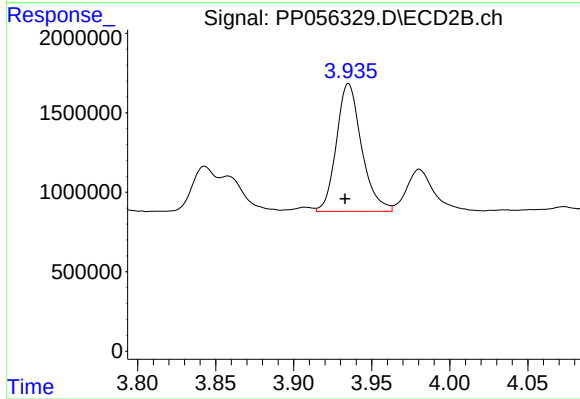
R.T.: 3.935 min
Delta R.T.: 0.002 min
Response: 9011214
Conc: 222.12 ng/ml



#11 AR-1232-1

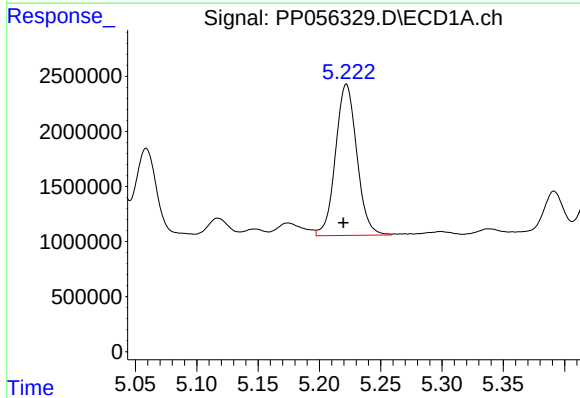
R.T.: 4.691 min
Delta R.T.: 0.001 min
Response: 12760865
Conc: 329.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



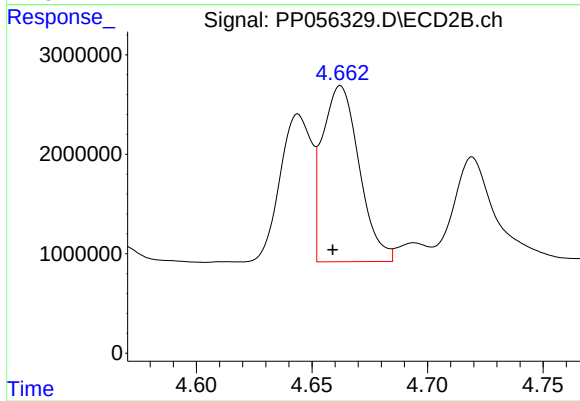
#11 AR-1232-1

R.T.: 3.935 min
Delta R.T.: 0.002 min
Response: 9011214
Conc: 273.82 ng/ml



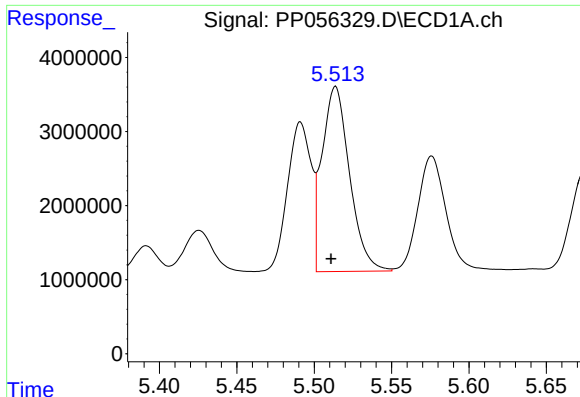
#12 AR-1232-2

R.T.: 5.222 min
Delta R.T.: 0.002 min
Response: 16653837
Conc: 823.18 ng/ml



#12 AR-1232-2

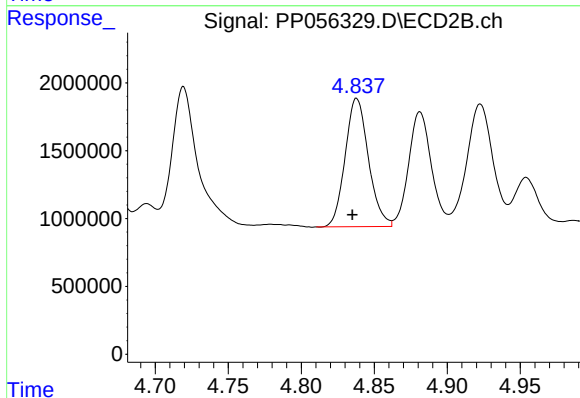
R.T.: 4.662 min
Delta R.T.: 0.003 min
Response: 19601317
Conc: 706.96 ng/ml



#13 AR-1232-3

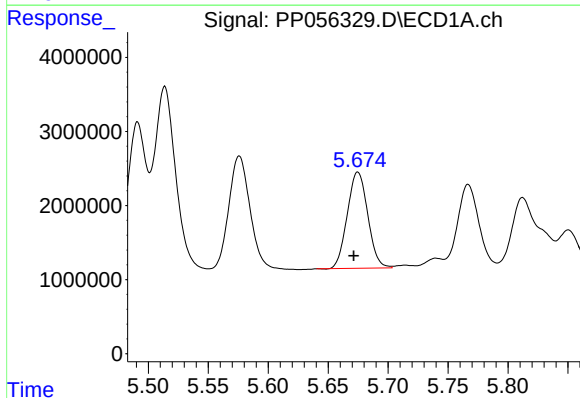
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 30939755
Conc: 794.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



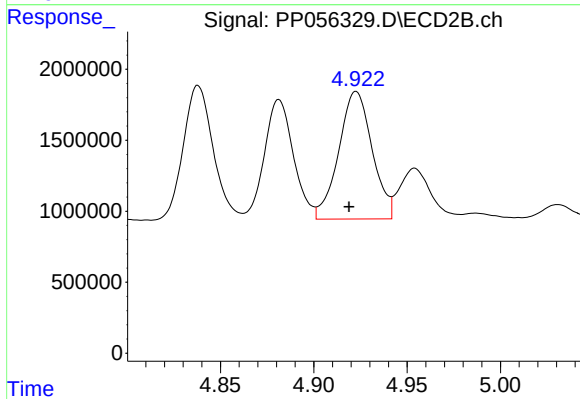
#13 AR-1232-3

R.T.: 4.838 min
Delta R.T.: 0.003 min
Response: 10518572
Conc: 742.69 ng/ml



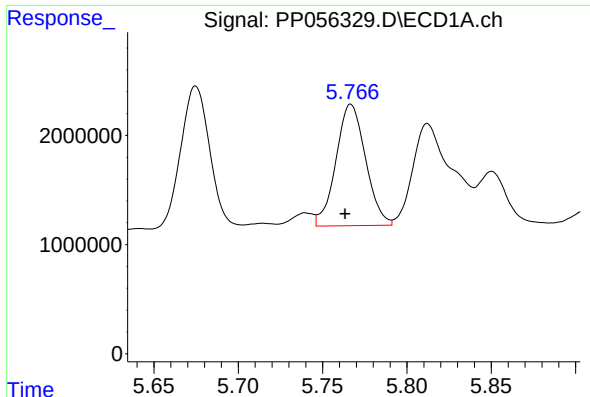
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: 0.003 min
Response: 15401704
Conc: 787.59 ng/ml



#14 AR-1232-4

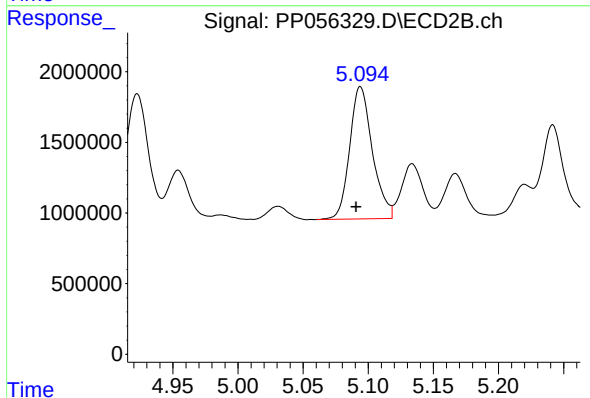
R.T.: 4.923 min
Delta R.T.: 0.004 min
Response: 11237412
Conc: 791.20 ng/ml



#15 AR-1232-5

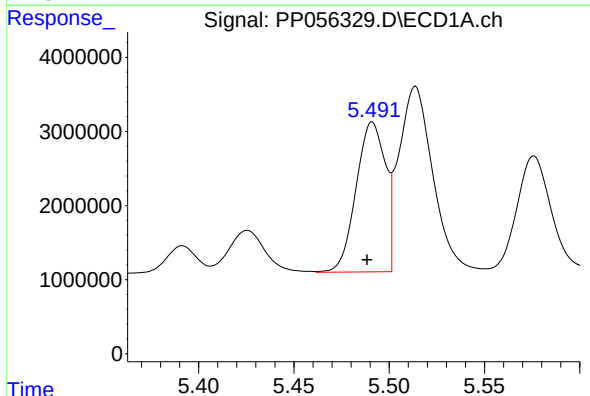
R.T.: 5.767 min
Delta R.T.: 0.003 min
Response: 13580720
Conc: 857.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



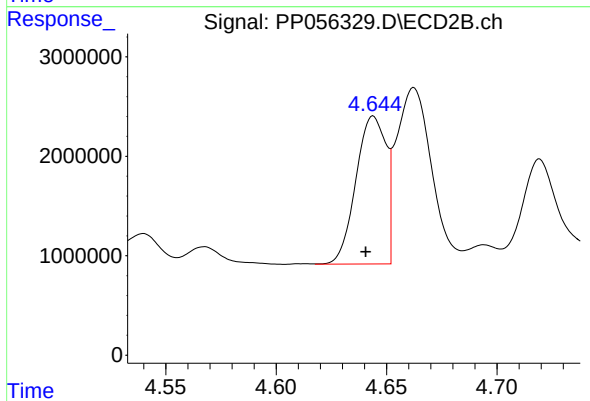
#15 AR-1232-5

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 11366881
Conc: 741.15 ng/ml



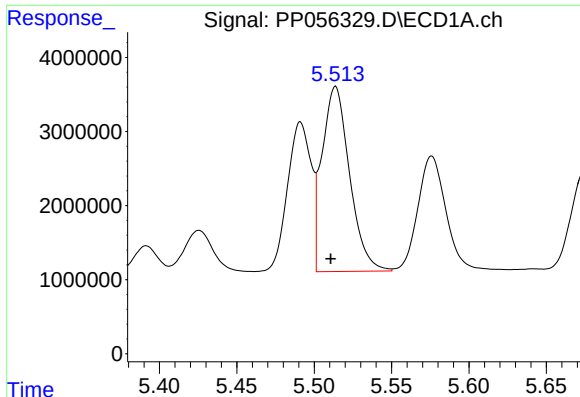
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: 0.003 min
Response: 21651194
Conc: 444.27 ng/ml



#16 AR-1242-1

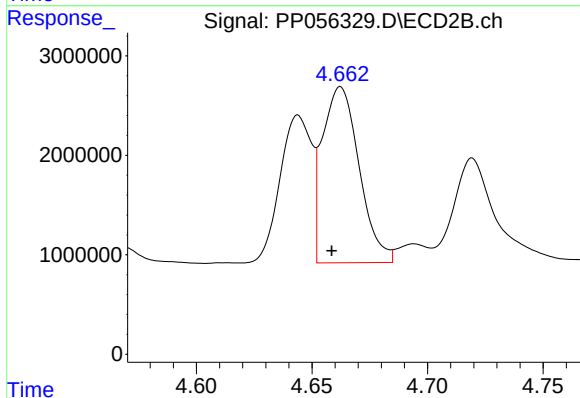
R.T.: 4.644 min
Delta R.T.: 0.003 min
Response: 14113367
Conc: 399.10 ng/ml



#17 AR-1242-2

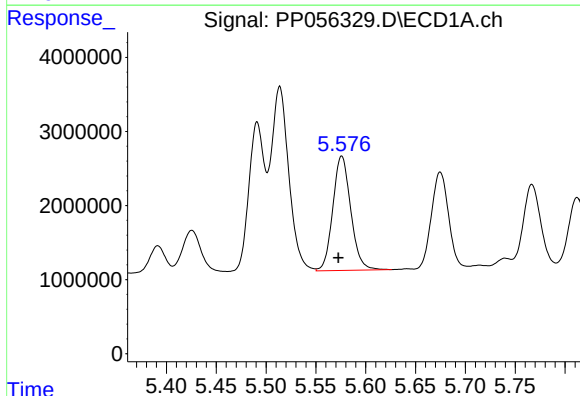
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 30939755
Conc: 433.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



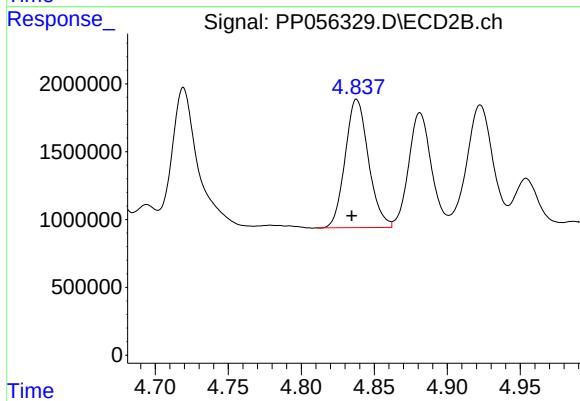
#17 AR-1242-2

R.T.: 4.662 min
Delta R.T.: 0.004 min
Response: 19601317
Conc: 385.79 ng/ml



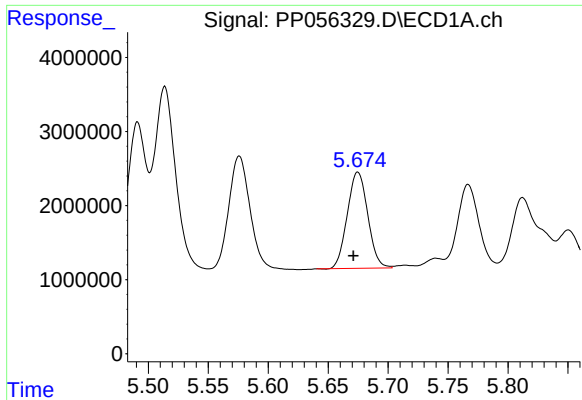
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: 0.003 min
Response: 19342254
Conc: 424.88 ng/ml



#18 AR-1242-3

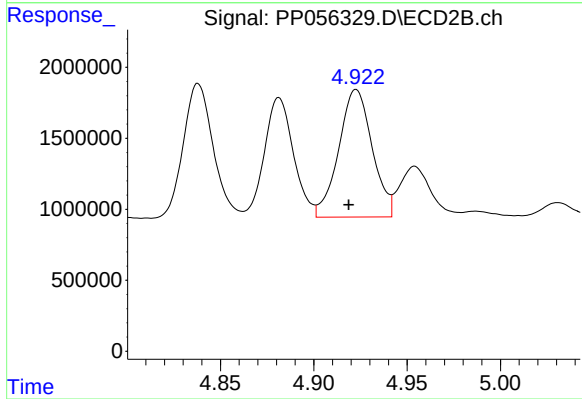
R.T.: 4.838 min
Delta R.T.: 0.003 min
Response: 10518572
Conc: 389.80 ng/ml



#19 AR-1242-4

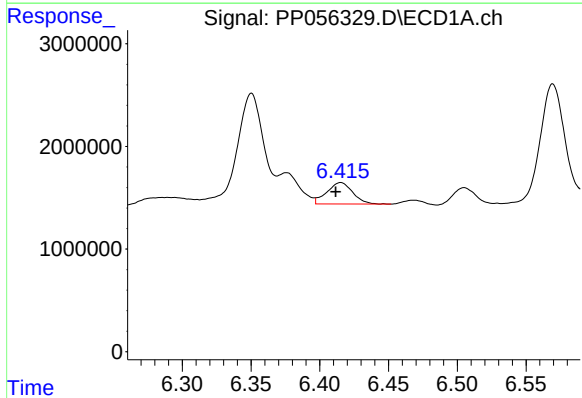
R.T.: 5.675 min
Delta R.T.: 0.004 min
Response: 15401704
Conc: 430.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



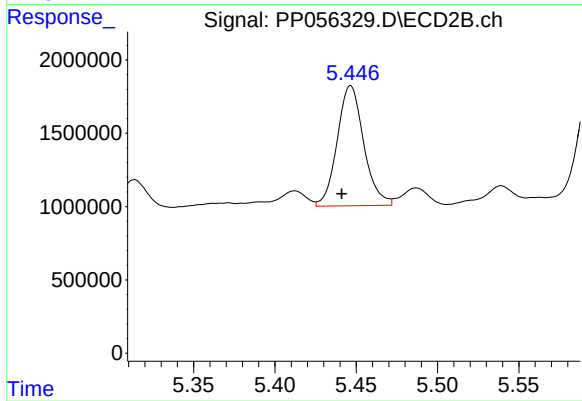
#19 AR-1242-4

R.T.: 4.923 min
Delta R.T.: 0.004 min
Response: 11237412
Conc: 383.54 ng/ml



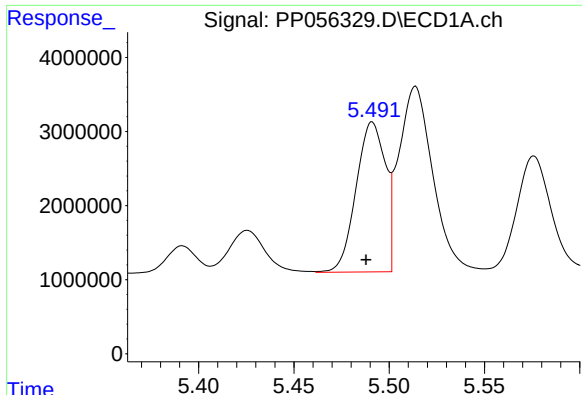
#20 AR-1242-5

R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 2731308
Conc: 63.89 ng/ml



#20 AR-1242-5

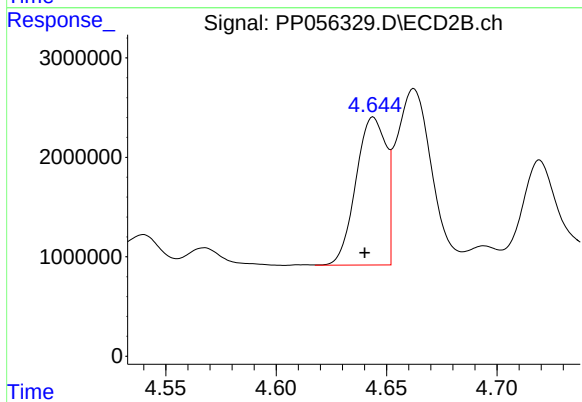
R.T.: 5.447 min
Delta R.T.: 0.005 min
Response: 9307124
Conc: 288.47 ng/ml



#21 AR-1248-1

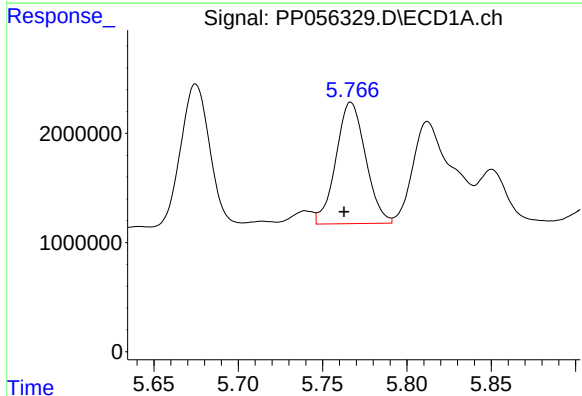
R.T.: 5.491 min
Delta R.T.: 0.003 min
Response: 21651194
Conc: 608.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



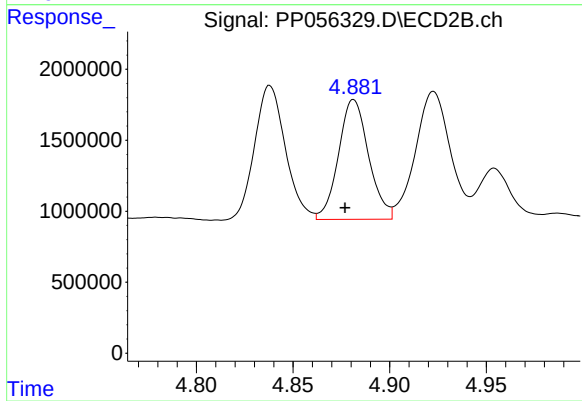
#21 AR-1248-1

R.T.: 4.644 min
Delta R.T.: 0.004 min
Response: 14113367
Conc: 543.58 ng/ml



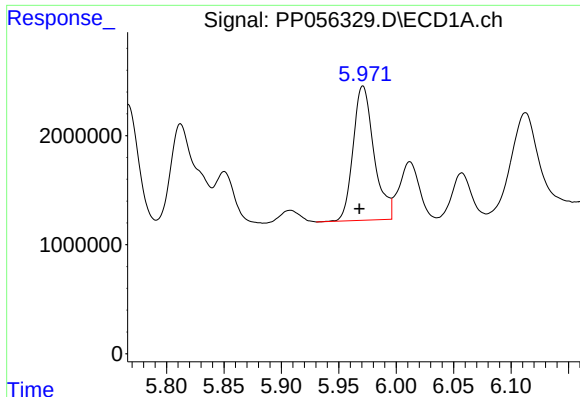
#22 AR-1248-2

R.T.: 5.767 min
Delta R.T.: 0.004 min
Response: 13580720
Conc: 243.25 ng/ml



#22 AR-1248-2

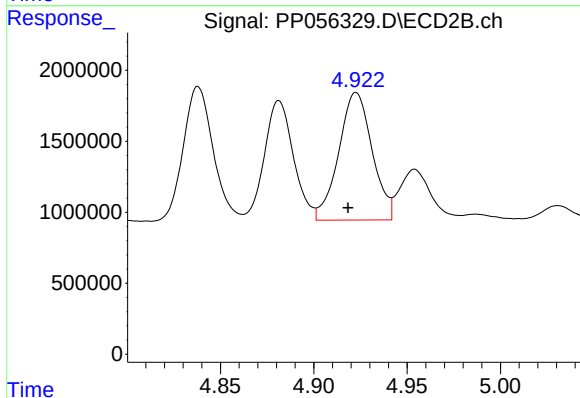
R.T.: 4.881 min
Delta R.T.: 0.004 min
Response: 9172583
Conc: 235.81 ng/ml



#23 AR-1248-3

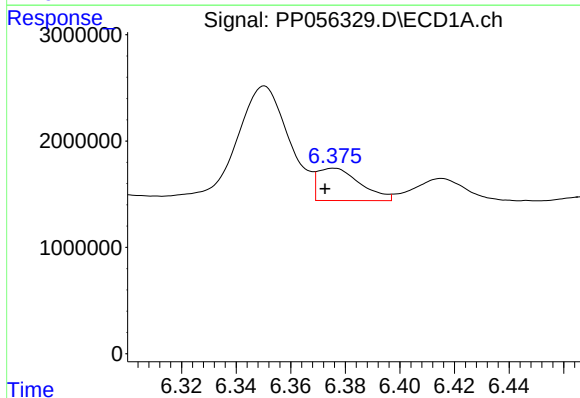
R.T.: 5.971 min
Delta R.T.: 0.003 min
Response: 15612558
Conc: 256.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



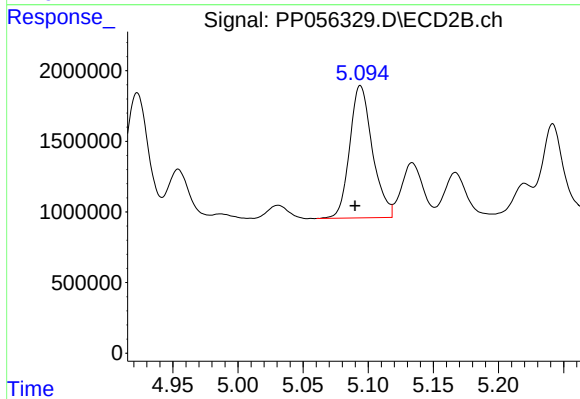
#23 AR-1248-3

R.T.: 4.923 min
Delta R.T.: 0.004 min
Response: 11237412
Conc: 275.57 ng/ml



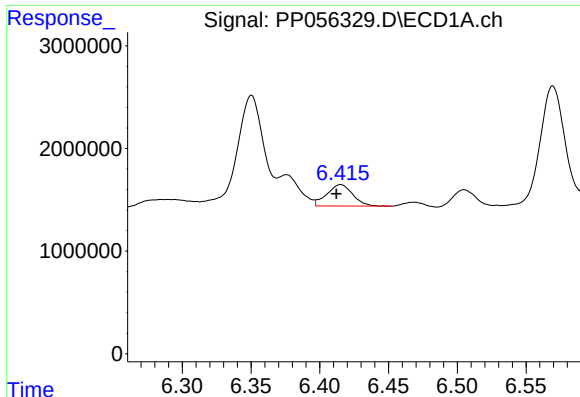
#24 AR-1248-4

R.T.: 6.376 min
Delta R.T.: 0.003 min
Response: 3273842
Conc: 47.40 ng/ml



#24 AR-1248-4

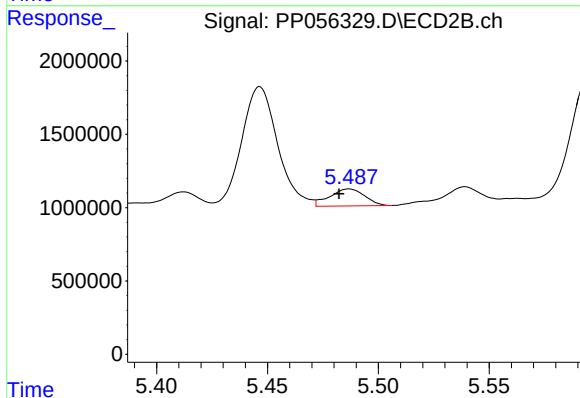
R.T.: 5.094 min
Delta R.T.: 0.004 min
Response: 11366881
Conc: 242.73 ng/ml



#25 AR-1248-5

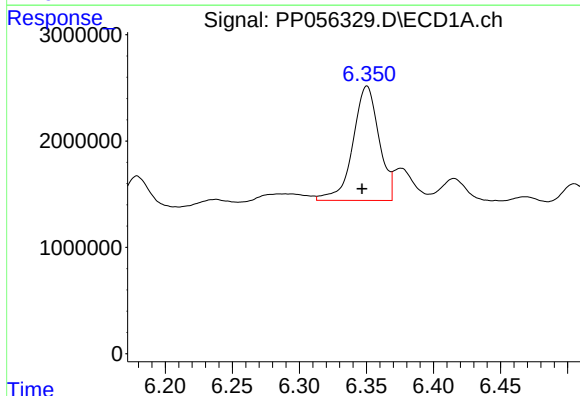
R.T.: 6.415 min
Delta R.T.: 0.003 min
Response: 2731308
Conc: 40.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



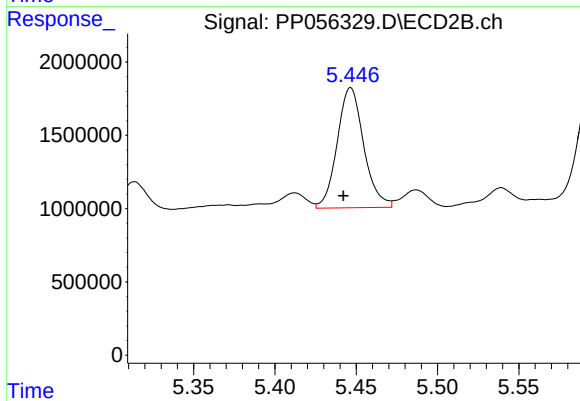
#25 AR-1248-5

R.T.: 5.487 min
Delta R.T.: 0.005 min
Response: 1276804
Conc: 30.92 ng/ml



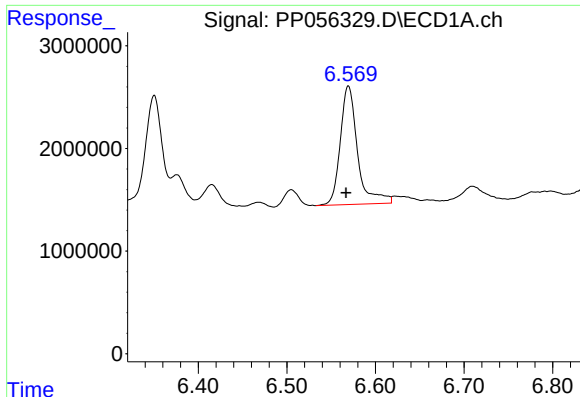
#26 AR-1254-1

R.T.: 6.350 min
Delta R.T.: 0.004 min
Response: 14577110
Conc: 193.12 ng/ml



#26 AR-1254-1

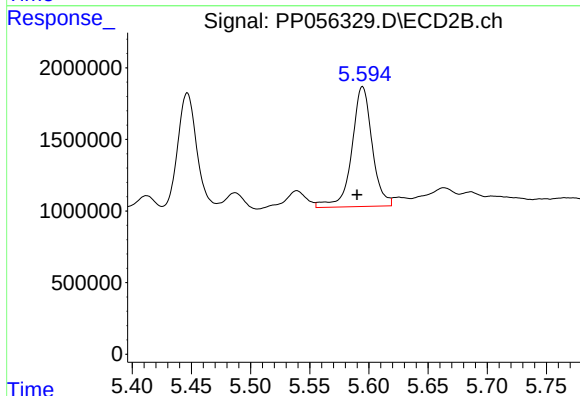
R.T.: 5.447 min
Delta R.T.: 0.005 min
Response: 9307124
Conc: 129.69 ng/ml



#27 AR-1254-2

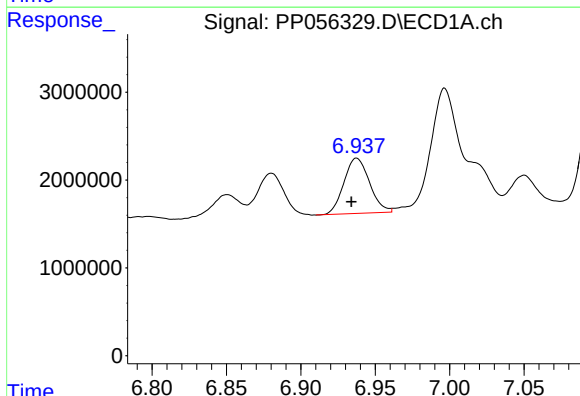
R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 15706426
Conc: 135.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



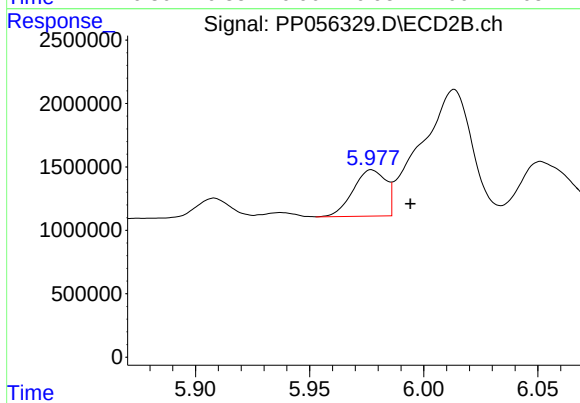
#27 AR-1254-2

R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 10028161
Conc: 164.45 ng/ml



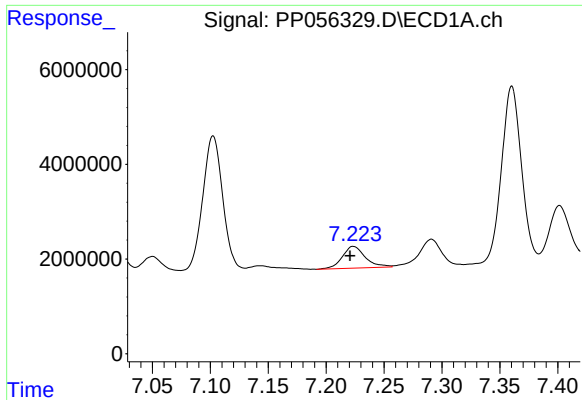
#28 AR-1254-3

R.T.: 6.938 min
Delta R.T.: 0.004 min
Response: 7561432
Conc: 61.66 ng/ml



#28 AR-1254-3

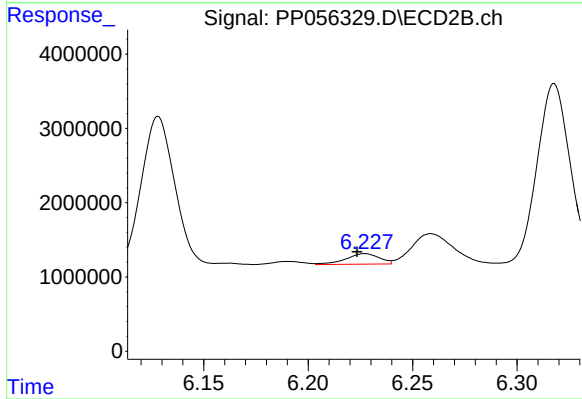
R.T.: 5.977 min
Delta R.T.: -0.017 min
Response: 3643501
Conc: 39.36 ng/ml



#29 AR-1254-4

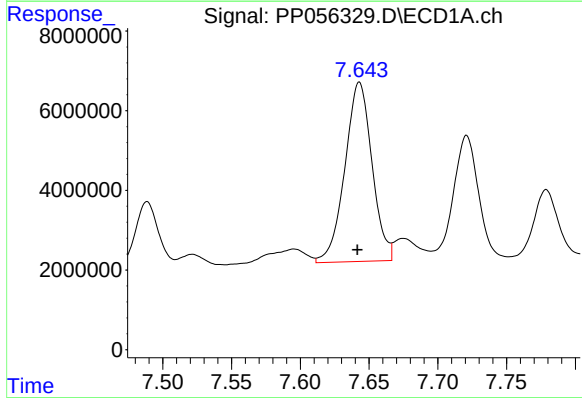
R.T.: 7.223 min
Delta R.T.: 0.003 min
Response: 6302240
Conc: 69.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



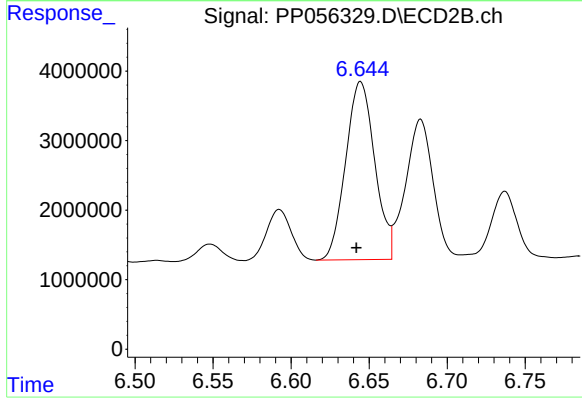
#29 AR-1254-4

R.T.: 6.227 min
Delta R.T.: 0.004 min
Response: 1594847
Conc: 29.58 ng/ml



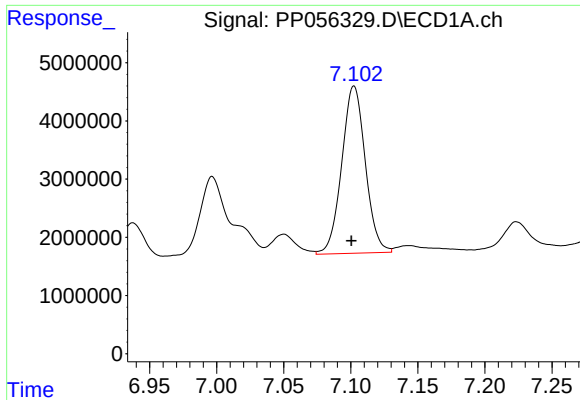
#30 AR-1254-5

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 61814010
Conc: 597.92 ng/ml



#30 AR-1254-5

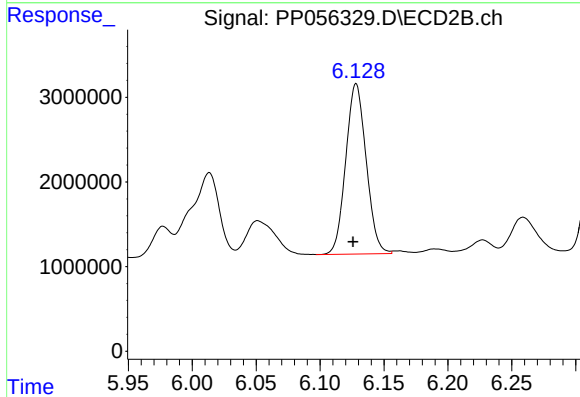
R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 33267257
Conc: 425.66 ng/ml



#31 AR-1260-1

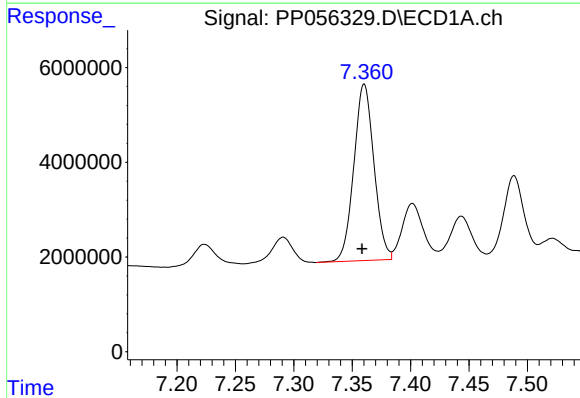
R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 35142571
Conc: 356.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



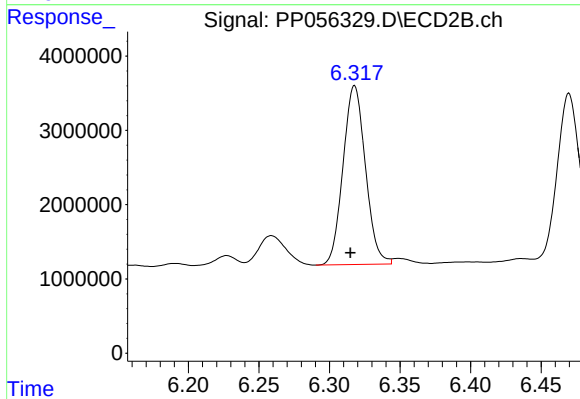
#31 AR-1260-1

R.T.: 6.128 min
Delta R.T.: 0.003 min
Response: 22423903
Conc: 328.94 ng/ml



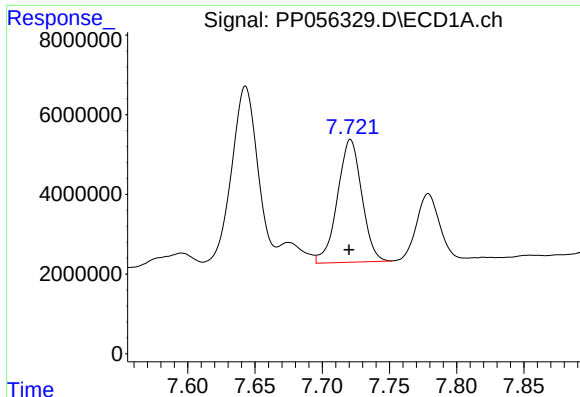
#32 AR-1260-2

R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 44640228
Conc: 384.85 ng/ml



#32 AR-1260-2

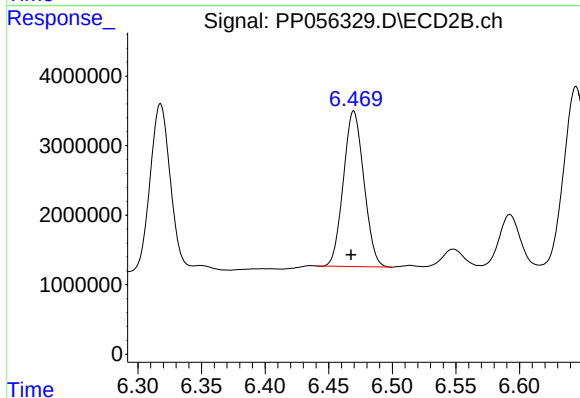
R.T.: 6.318 min
Delta R.T.: 0.003 min
Response: 26626319
Conc: 348.07 ng/ml



#33 AR-1260-3

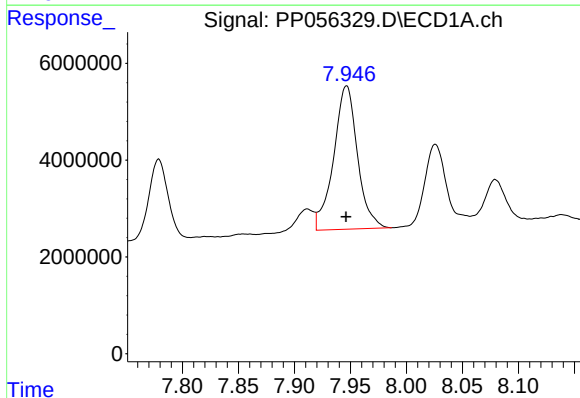
R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 38677465
Conc: 451.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



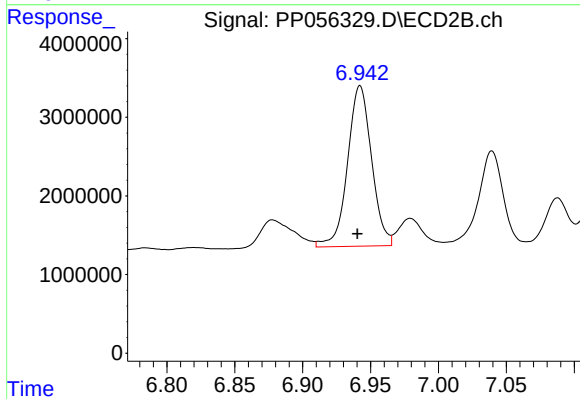
#33 AR-1260-3

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 25058119
Conc: 346.54 ng/ml



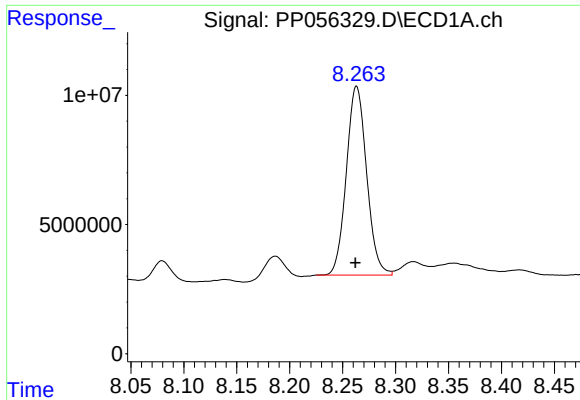
#34 AR-1260-4

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 43949851
Conc: 444.54 ng/ml



#34 AR-1260-4

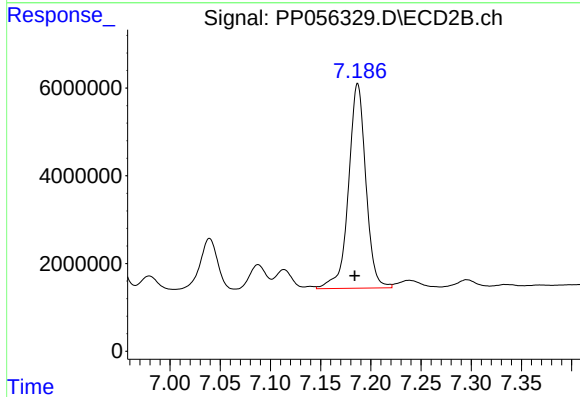
R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 25156584
Conc: 419.50 ng/ml



#35 AR-1260-5

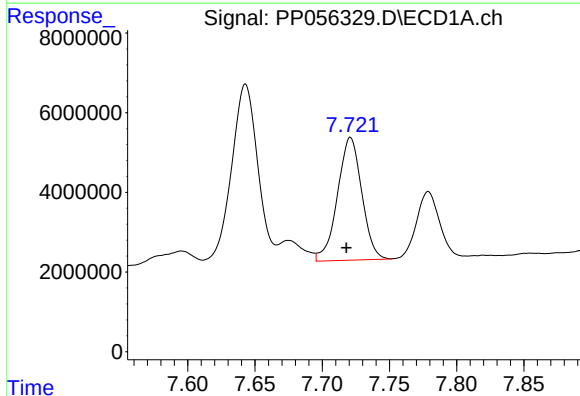
R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 97521853
Conc: 487.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



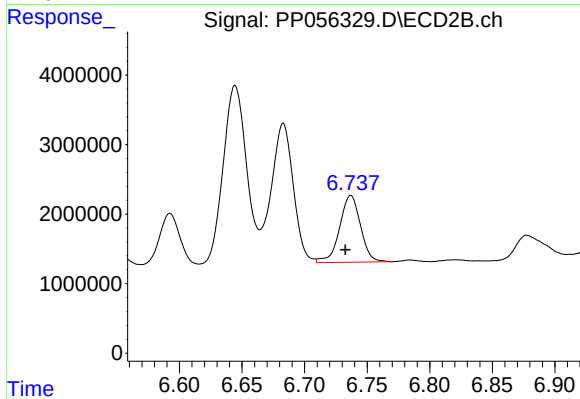
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: 0.003 min
Response: 55948039
Conc: 437.85 ng/ml



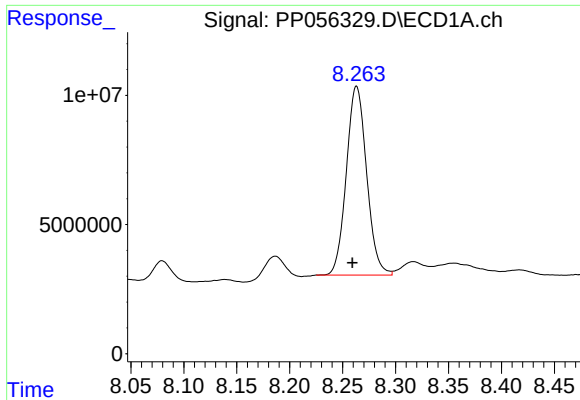
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: 0.003 min
Response: 38677465
Conc: 324.05 ng/ml



#36 AR-1262-1

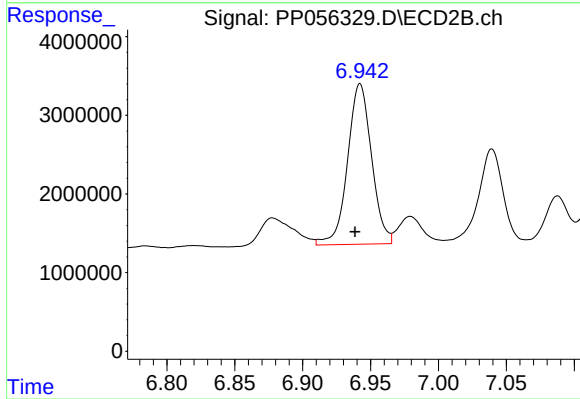
R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 11175372
Conc: 340.01 ng/ml



#37 AR-1262-2

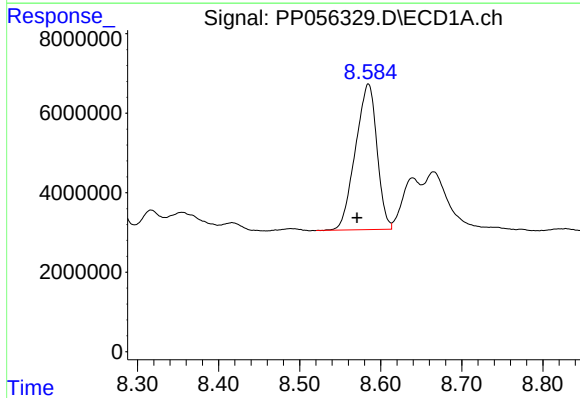
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 97521853
Conc: 446.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



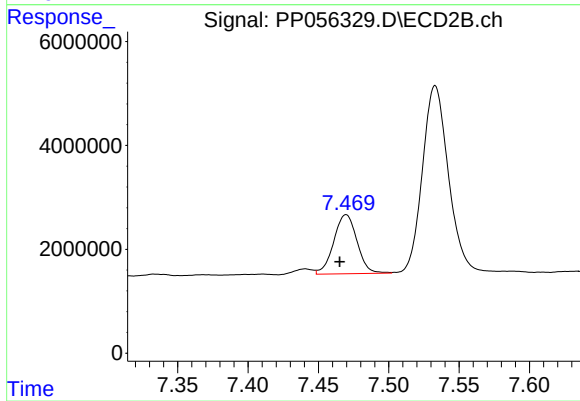
#37 AR-1262-2

R.T.: 6.942 min
Delta R.T.: 0.004 min
Response: 25156584
Conc: 352.90 ng/ml



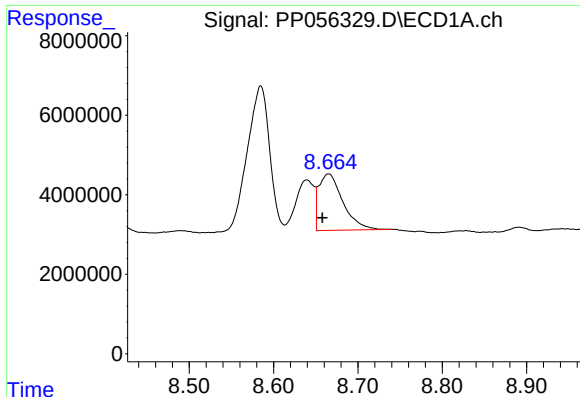
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.014 min
Response: 67591224
Conc: 442.40 ng/ml



#38 AR-1262-3

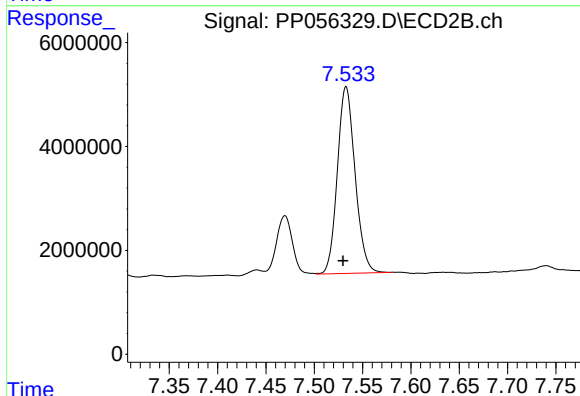
R.T.: 7.470 min
Delta R.T.: 0.004 min
Response: 13119360
Conc: 240.92 ng/ml



#39 AR-1262-4

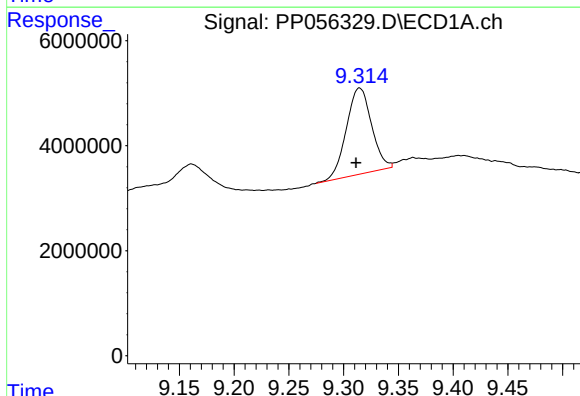
R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 28264221
Conc: 351.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



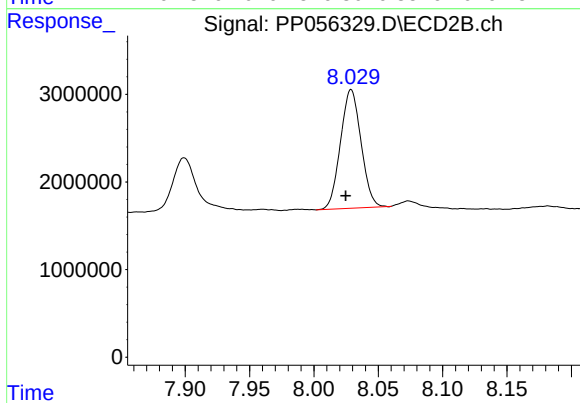
#39 AR-1262-4

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 45869800
Conc: 474.43 ng/ml



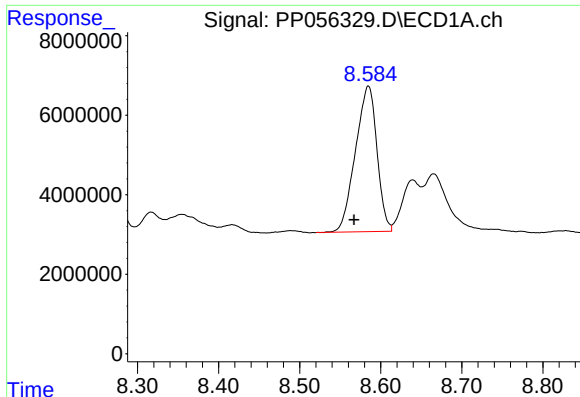
#40 AR-1262-5

R.T.: 9.315 min
Delta R.T.: 0.003 min
Response: 26322702
Conc: 317.73 ng/ml



#40 AR-1262-5

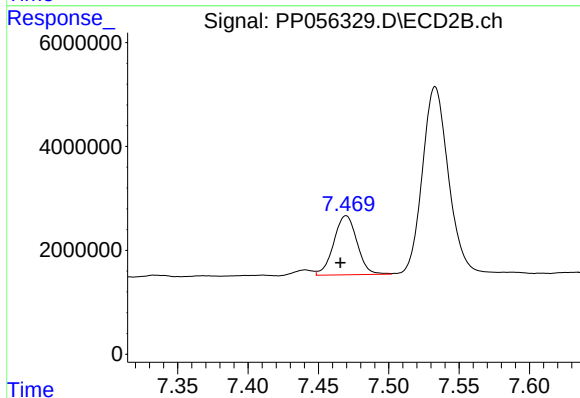
R.T.: 8.029 min
Delta R.T.: 0.004 min
Response: 15049620
Conc: 334.92 ng/ml



#41 AR-1268-1

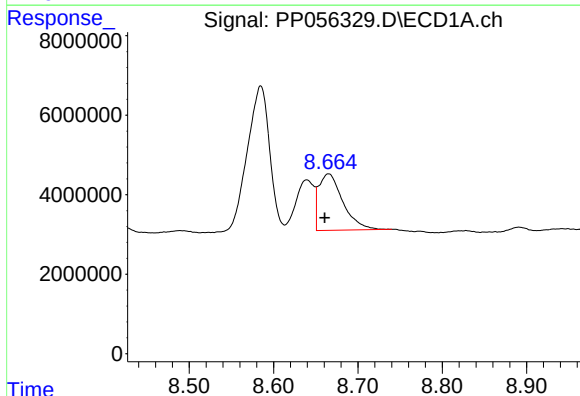
R.T.: 8.585 min
Delta R.T.: 0.018 min
Response: 67591224
Conc: 245.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



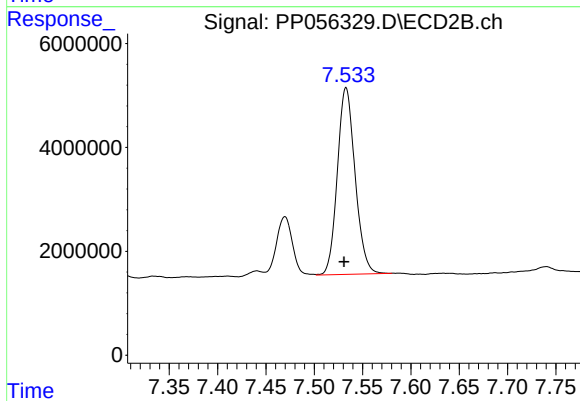
#41 AR-1268-1

R.T.: 7.470 min
Delta R.T.: 0.004 min
Response: 13119360
Conc: 77.75 ng/ml



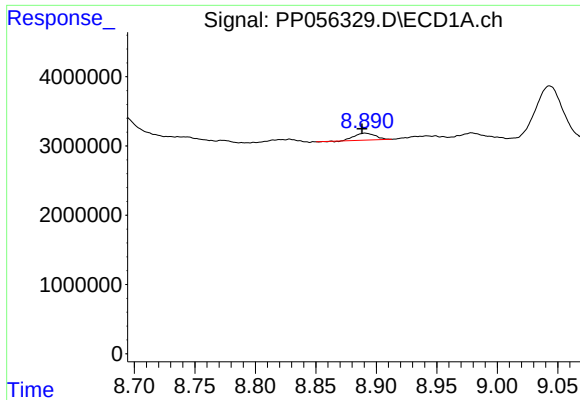
#42 AR-1268-2

R.T.: 8.665 min
Delta R.T.: 0.005 min
Response: 28264221
Conc: 109.61 ng/ml



#42 AR-1268-2

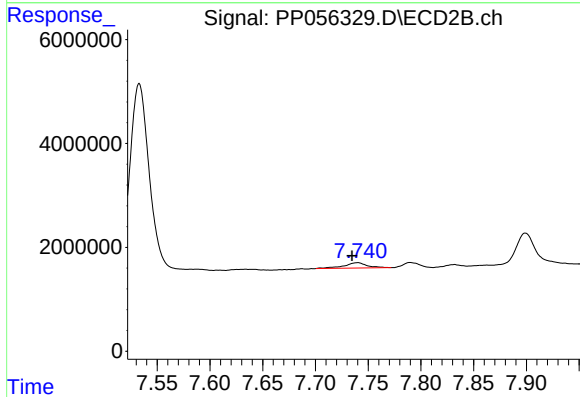
R.T.: 7.533 min
Delta R.T.: 0.002 min
Response: 45869800
Conc: 306.73 ng/ml



#43 AR-1268-3

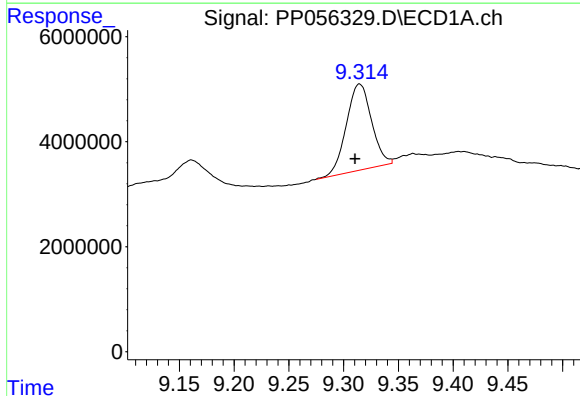
R.T.: 8.891 min
Delta R.T.: 0.003 min
Response: 1201312
Conc: 5.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



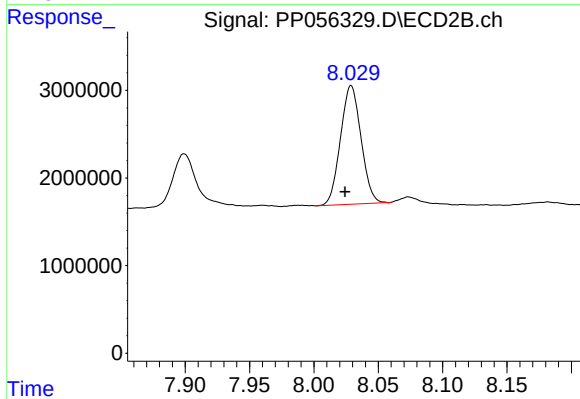
#43 AR-1268-3

R.T.: 7.740 min
Delta R.T.: 0.005 min
Response: 1589656
Conc: 11.70 ng/ml



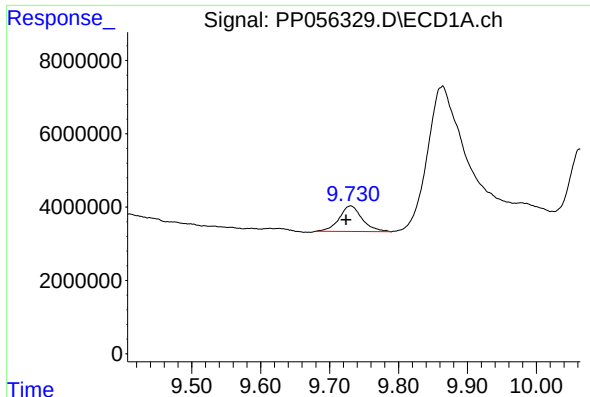
#44 AR-1268-4

R.T.: 9.315 min
Delta R.T.: 0.004 min
Response: 26322702
Conc: 281.93 ng/ml



#44 AR-1268-4

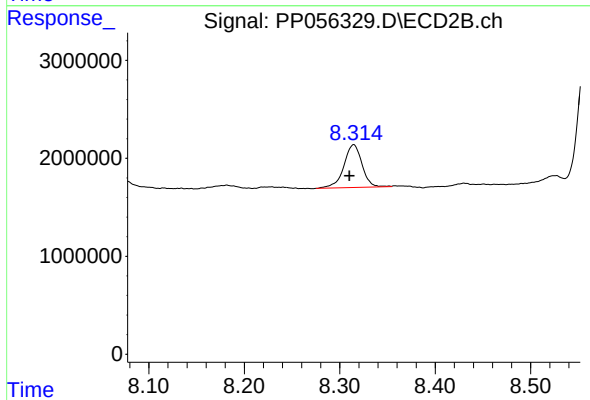
R.T.: 8.029 min
Delta R.T.: 0.005 min
Response: 15049620
Conc: 294.89 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: 0.007 min
Response: 16106418
Conc: 22.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.315 min
Delta R.T.: 0.004 min
Response: 5746329
Conc: 14.77 ng/ml