

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
 Data File : PP055798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 14:20
 Operator : YP\AJ
 Sample : 01593-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:52:53 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...	4.326	3.569	40540215	32068788	25.161	21.962
2)	SA Decachlor...	10.080	8.577	49784822	26852663	24.405	23.669
Target Compounds							
3)	L1 AR-1016-1	5.498	4.652	31496330	23101362	527.809	513.021
4)	L1 AR-1016-2	5.521	4.670	45862854	33116174	524.212	509.920
5)	L1 AR-1016-3	5.583	4.847	28069566	17848210	505.305	513.573
6)	L1 AR-1016-4	5.681	4.889	23037072	15455439	516.973	517.064
7)	L1 AR-1016-5	5.978	5.102	24377464	19676851	504.870	497.726
8)	L2 AR-1221-1	4.532	3.780	3768274	2477008	181.040	137.898
9)	L2 AR-1221-2	4.621	3.867	3929615	3737063	247.041	284.548
10)	L2 AR-1221-3	4.699	3.942	16892923	14168433	348.217	339.464
11)	L3 AR-1232-1	4.699	3.942	16892923	14168433	426.482	411.568
12)	L3 AR-1232-2	5.229	4.670	23978511	33116174	1154.398	1128.309
13)	L3 AR-1232-3	5.521	4.847	45862854	17848210	1163.926	1174.434
14)	L3 AR-1232-4	5.681	4.931	23037072	18904120	1175.979	1247.004
15)	L3 AR-1232-5	5.774	5.102	20021823	19676851	1251.888	1200.430
16)	L4 AR-1242-1	5.498	4.652	31496330	23101362	652.283	627.873
17)	L4 AR-1242-2	5.521	4.670	45862854	33116174	645.420	628.727
18)	L4 AR-1242-3	5.583	4.847	28069566	17848210	629.162	630.444
19)	L4 AR-1242-4	5.681	4.931	23037072	18904120	637.608	612.719
20)	L4 AR-1242-5	6.423	5.456	3729197	15254118	89.025	457.954 #
21)	L5 AR-1248-1	5.498	4.652	31496330	23101362	865.686	827.173
22)	L5 AR-1248-2	5.774	4.889	20021823	15455439	347.977	363.310
23)	L5 AR-1248-3	5.978	4.931	24377464	18904120	375.163	424.798
24)	L5 AR-1248-4	6.383	5.102	3843348	19676851	52.973	384.303 #
25)	L5 AR-1248-5	6.423	5.495	3729197	2106232	52.614	47.786
26)	L6 AR-1254-1	6.357	5.456	19231215	15254118	261.571	207.335
27)	L6 AR-1254-2	6.576	5.604	21064153	14306351	182.525	227.385
28)	L6 AR-1254-3	6.945	6.022f	11713499	24343003	95.178	248.202 #
29)	L6 AR-1254-4	7.232	6.237	8123652	2393620	88.445	43.484 #
30)	L6 AR-1254-5	7.652	6.655	70842768	43710545	674.031	537.983
31)	L7 AR-1260-1	7.110	6.138	50824475	34821669	490.849	477.653
32)	L7 AR-1260-2	7.369	6.327	59203840	39058080	470.724	478.666
33)	L7 AR-1260-3	7.729	6.480	38416730	37660312	437.413	445.650
34)	L7 AR-1260-4	7.955	6.954	48582390	27018931	452.034	422.166
35)	L7 AR-1260-5	8.272	7.197	91322253	59017986	442.348	436.009
36)	L8 AR-1262-1	7.729	6.748	38416730	15469090	325.618	438.862 #
37)	L8 AR-1262-2	8.272	6.954	91322253	27018931	416.091	363.876
38)	L8 AR-1262-3	8.595f	7.481	61925270	10858464	405.062	195.704 #
39)	L8 AR-1262-4	8.672	7.544	14168313	42272364	188.195	416.411 #
40)	L8 AR-1262-5	9.327	8.040	24719271	12961199	299.822	285.008
41)	L9 AR-1268-1	8.595f	7.481	61925270	10858464	216.978	64.581 #

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 ALS Vial : 12 Sample Multiplier: 1

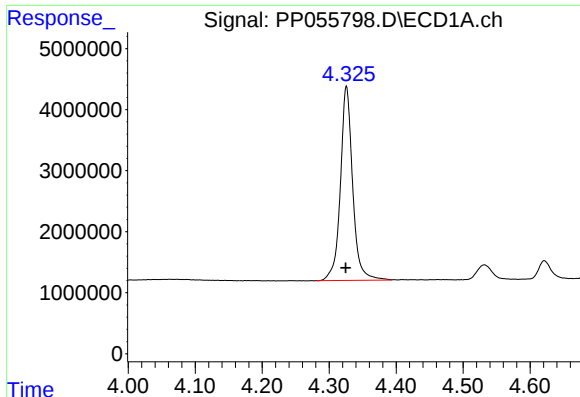
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:52:53 2023
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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	8.672	7.544	14168313	42272364	53.138	276.361 #
43) L9	AR-1268-3	8.901	7.751	2029036	1155638	8.622	8.422
44) L9	AR-1268-4	9.327	8.040	24719271	12961199	250.375	235.585
45) L9	AR-1268-5	9.742	8.327	8874785	4267530	11.788	10.580

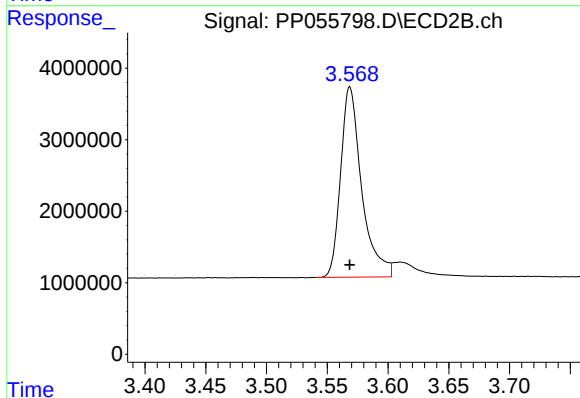
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

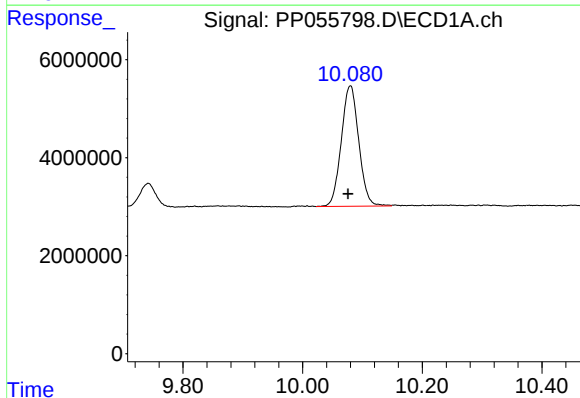
R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 40540215
Conc: 25.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



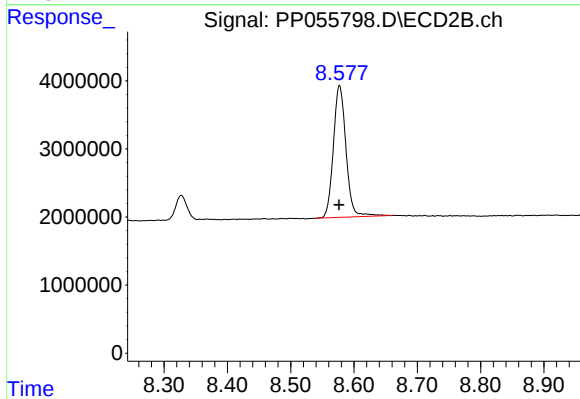
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 32068788
Conc: 21.96 ng/ml



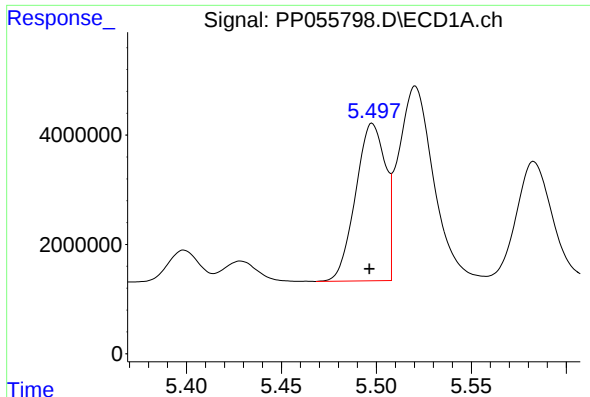
#2 Decachlorobiphenyl

R.T.: 10.080 min
Delta R.T.: 0.004 min
Response: 49784822
Conc: 24.40 ng/ml



#2 Decachlorobiphenyl

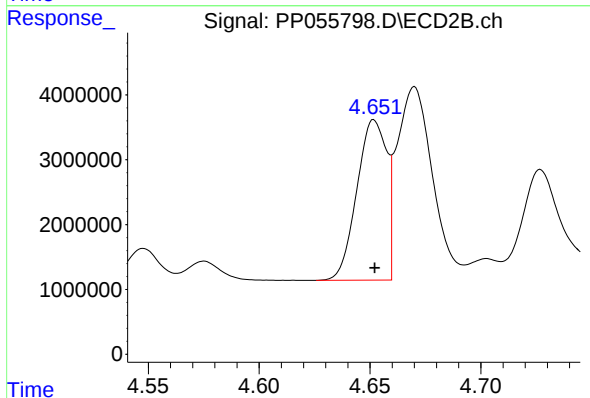
R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 26852663
Conc: 23.67 ng/ml



#3 AR-1016-1

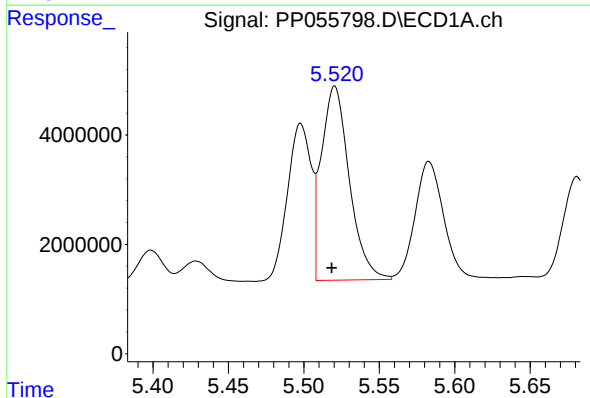
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 31496330
Conc: 527.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



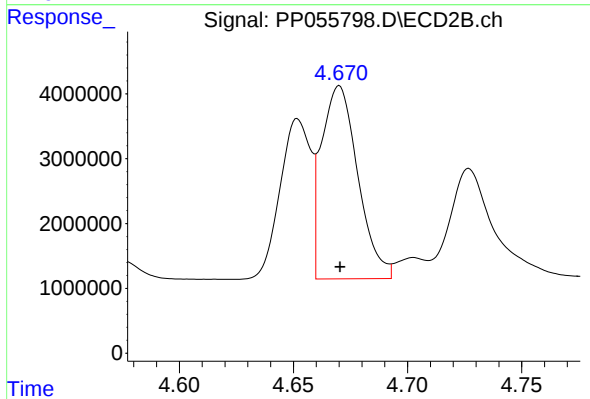
#3 AR-1016-1

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 23101362
Conc: 513.02 ng/ml



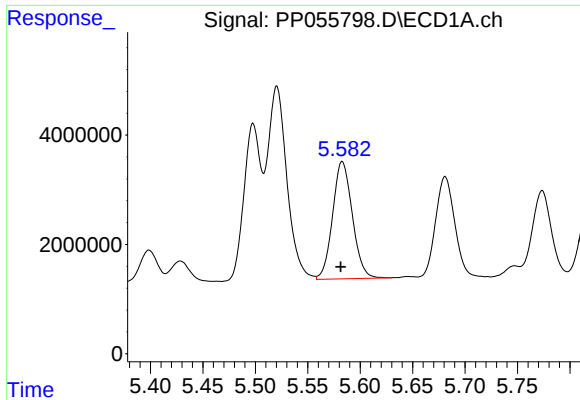
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: 0.002 min
Response: 45862854
Conc: 524.21 ng/ml



#4 AR-1016-2

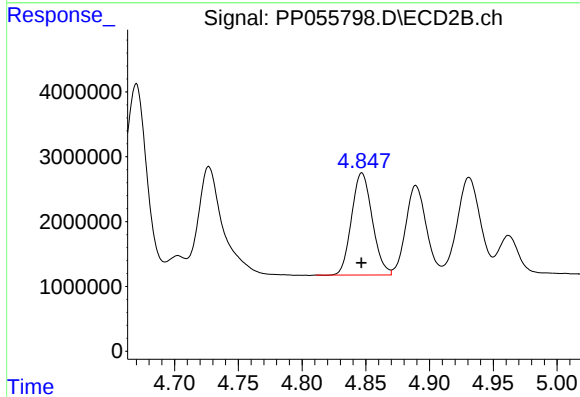
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 33116174
Conc: 509.92 ng/ml



#5 AR-1016-3

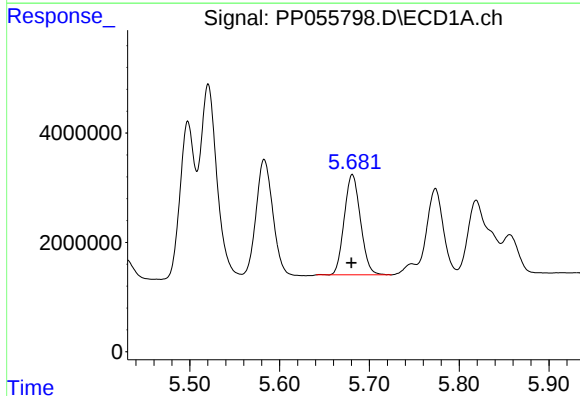
R.T.: 5.583 min
Delta R.T.: 0.002 min
Response: 28069566
Conc: 505.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



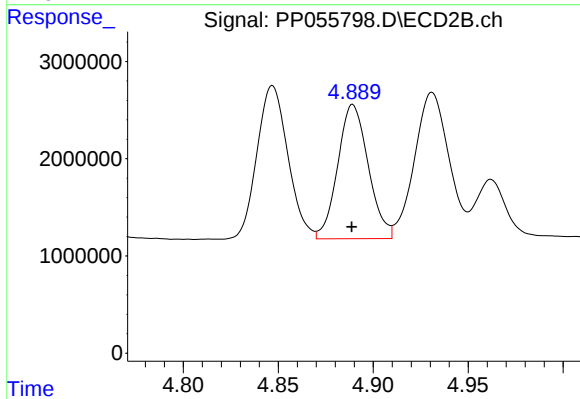
#5 AR-1016-3

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 17848210
Conc: 513.57 ng/ml



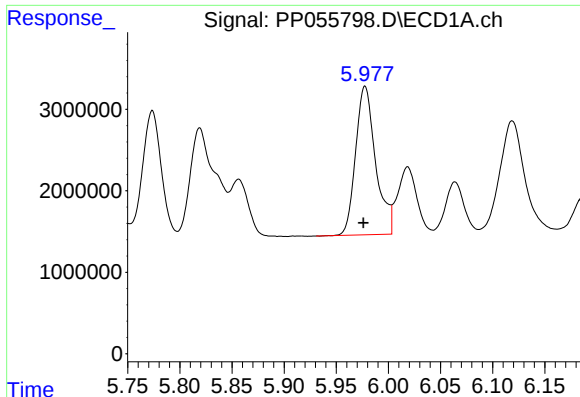
#6 AR-1016-4

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 23037072
Conc: 516.97 ng/ml



#6 AR-1016-4

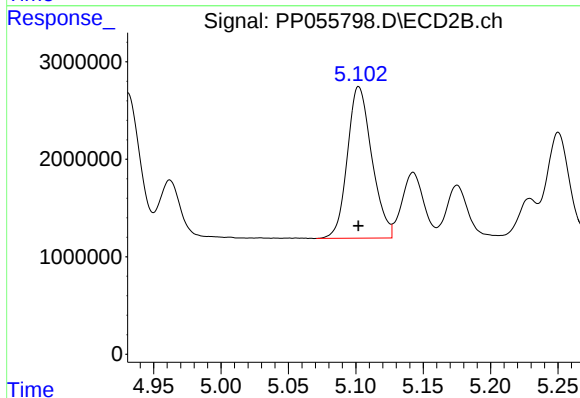
R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 15455439
Conc: 517.06 ng/ml



#7 AR-1016-5

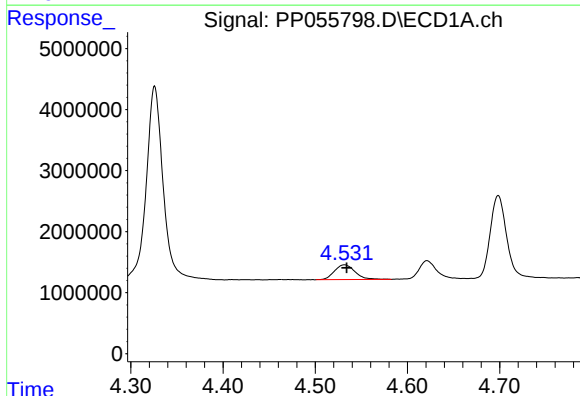
R.T.: 5.978 min
Delta R.T.: 0.001 min
Response: 24377464
Conc: 504.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



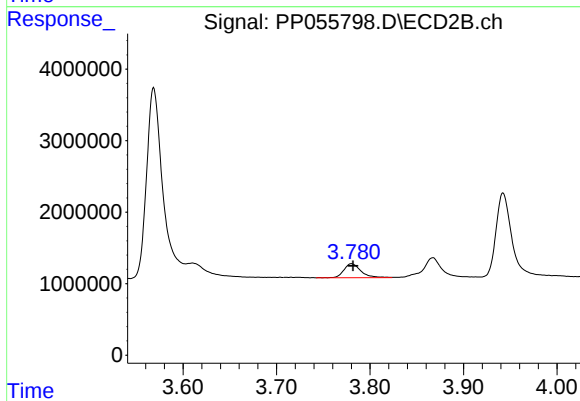
#7 AR-1016-5

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 19676851
Conc: 497.73 ng/ml



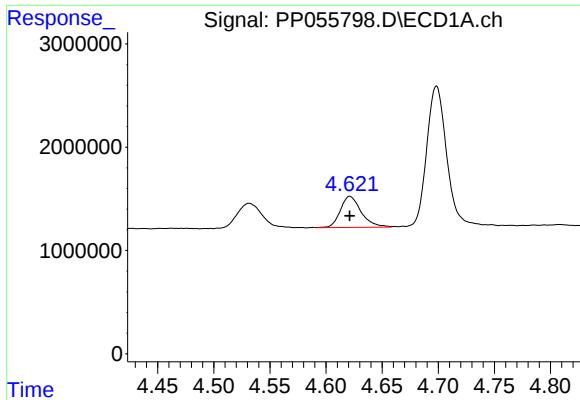
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.002 min
Response: 3768274
Conc: 181.04 ng/ml



#8 AR-1221-1

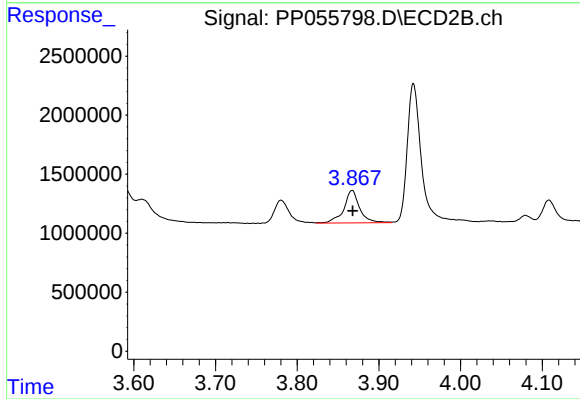
R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 2477008
Conc: 137.90 ng/ml



#9 AR-1221-2

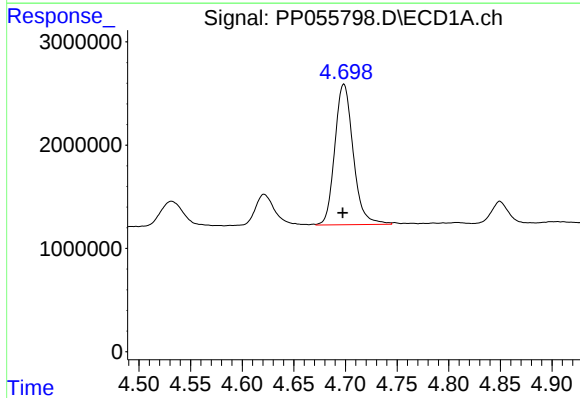
R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 3929615
Conc: 247.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



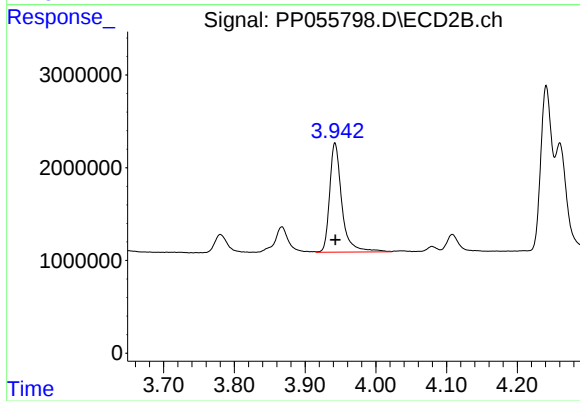
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 3737063
Conc: 284.55 ng/ml



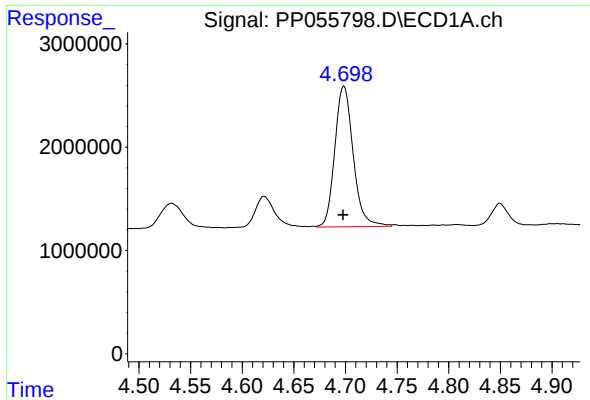
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 16892923
Conc: 348.22 ng/ml



#10 AR-1221-3

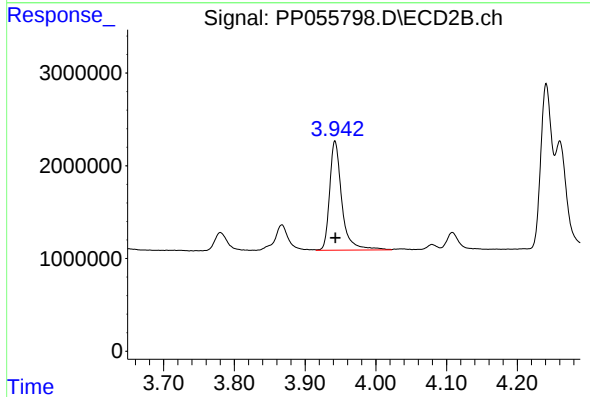
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 14168433
Conc: 339.46 ng/ml



#11 AR-1232-1

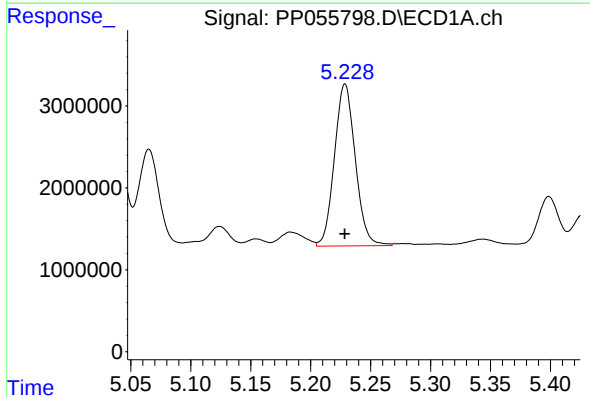
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 16892923
Conc: 426.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



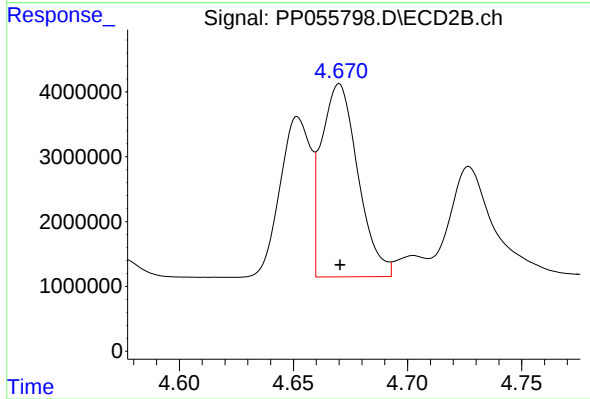
#11 AR-1232-1

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 14168433
Conc: 411.57 ng/ml



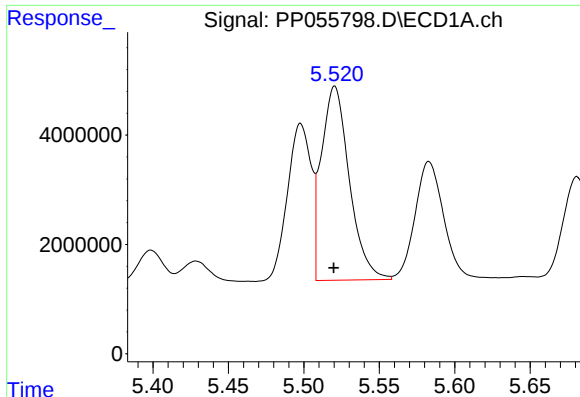
#12 AR-1232-2

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 23978511
Conc: 1154.40 ng/ml



#12 AR-1232-2

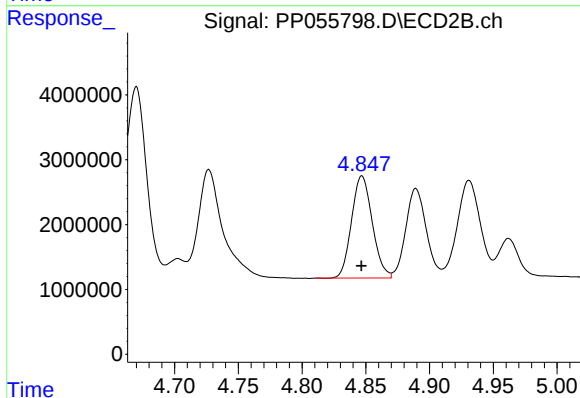
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 33116174
Conc: 1128.31 ng/ml



#13 AR-1232-3

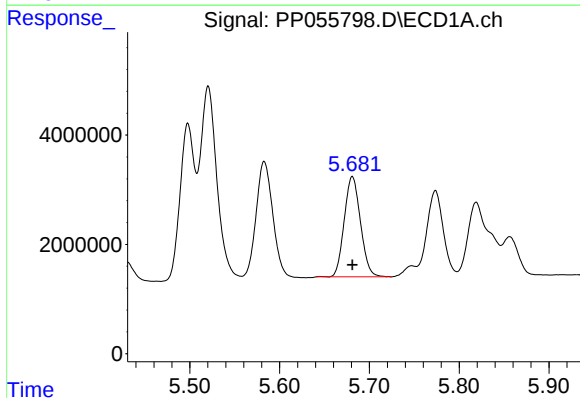
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 45862854
Conc: 1163.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



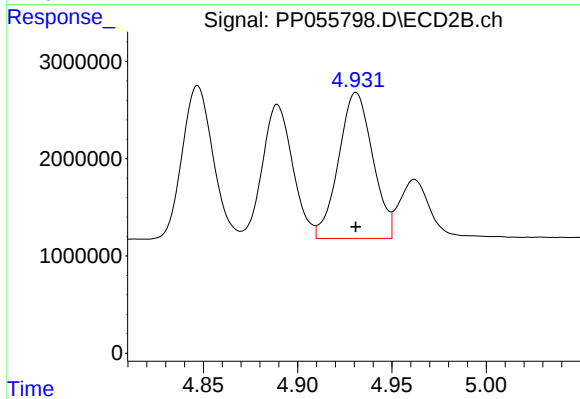
#13 AR-1232-3

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 17848210
Conc: 1174.43 ng/ml



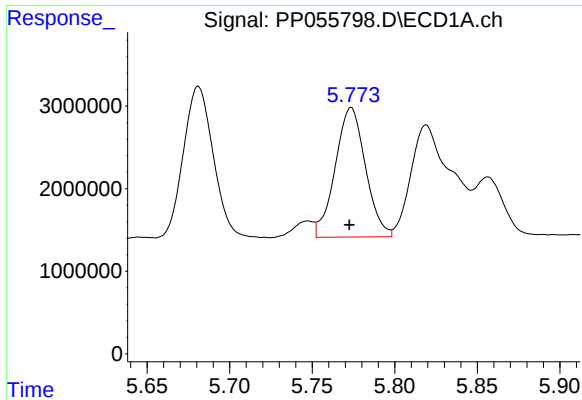
#14 AR-1232-4

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 23037072
Conc: 1175.98 ng/ml



#14 AR-1232-4

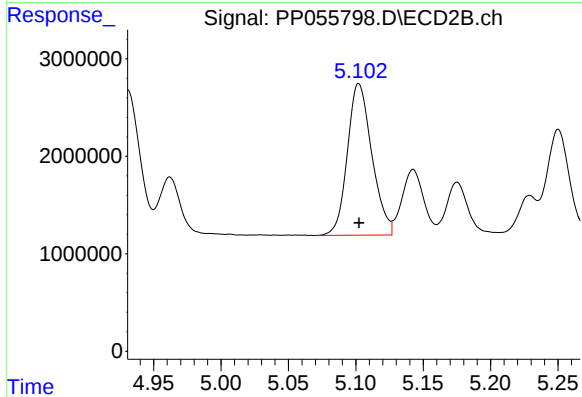
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 18904120
Conc: 1247.00 ng/ml



#15 AR-1232-5

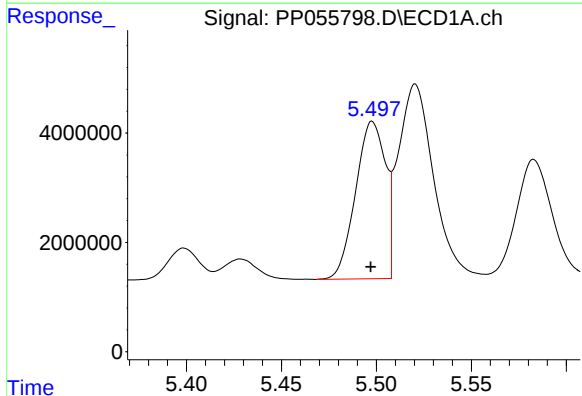
R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 20021823
Conc: 1251.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



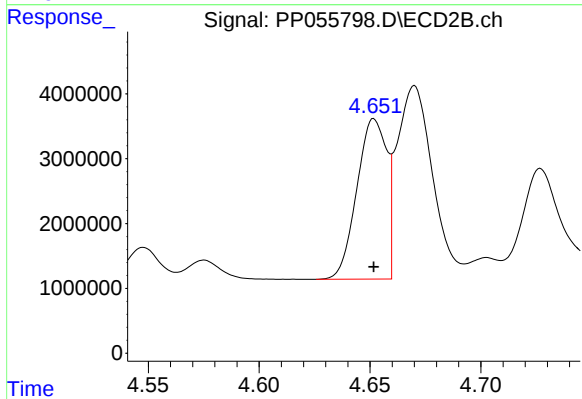
#15 AR-1232-5

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 19676851
Conc: 1200.43 ng/ml



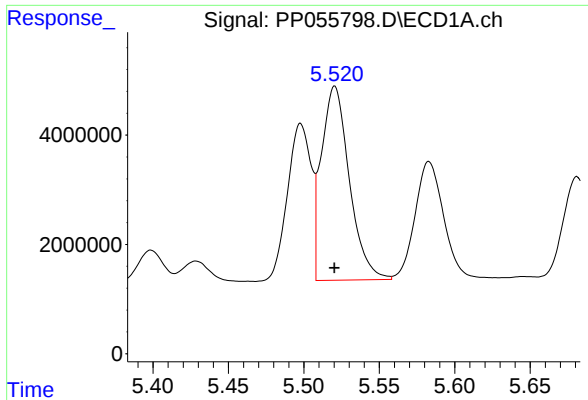
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 31496330
Conc: 652.28 ng/ml



#16 AR-1242-1

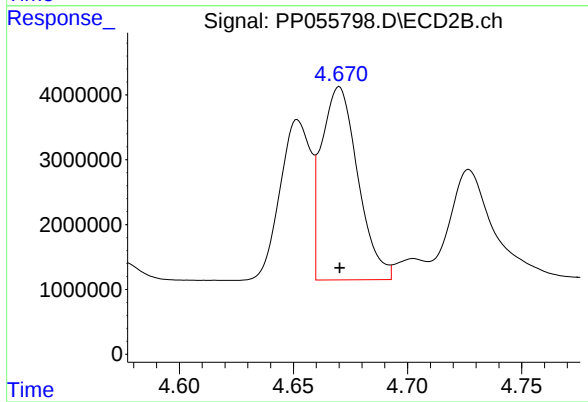
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 23101362
Conc: 627.87 ng/ml



#17 AR-1242-2

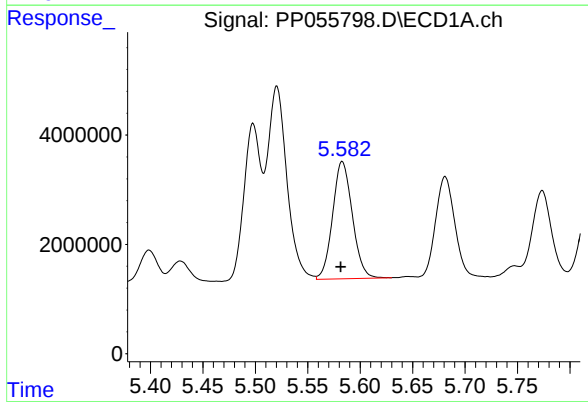
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 45862854
Conc: 645.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



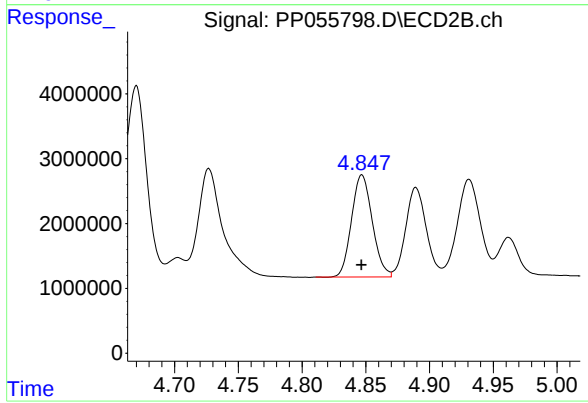
#17 AR-1242-2

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 33116174
Conc: 628.73 ng/ml



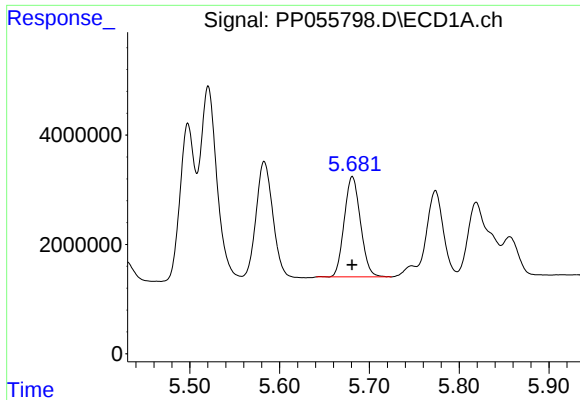
#18 AR-1242-3

R.T.: 5.583 min
Delta R.T.: 0.002 min
Response: 28069566
Conc: 629.16 ng/ml



#18 AR-1242-3

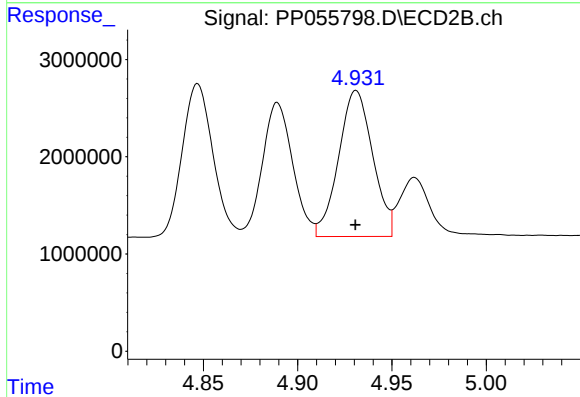
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 17848210
Conc: 630.44 ng/ml



#19 AR-1242-4

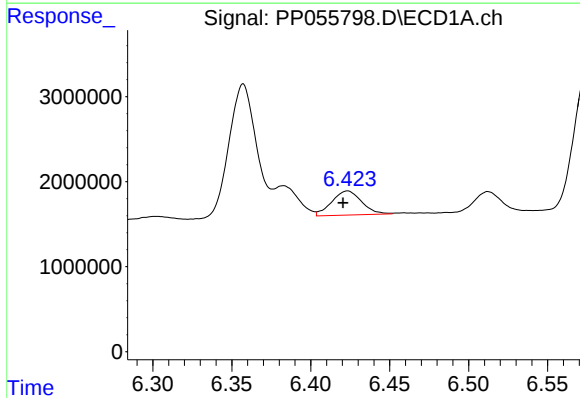
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 23037072
Conc: 637.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



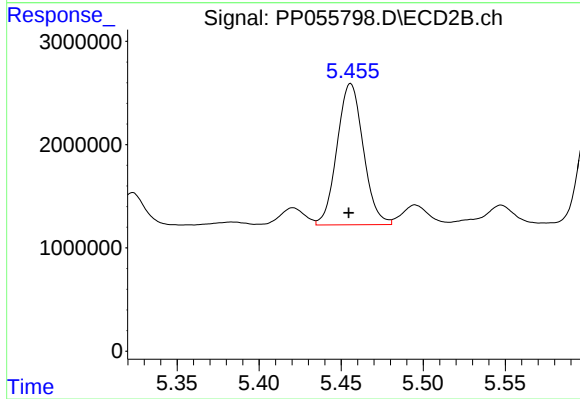
#19 AR-1242-4

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 18904120
Conc: 612.72 ng/ml



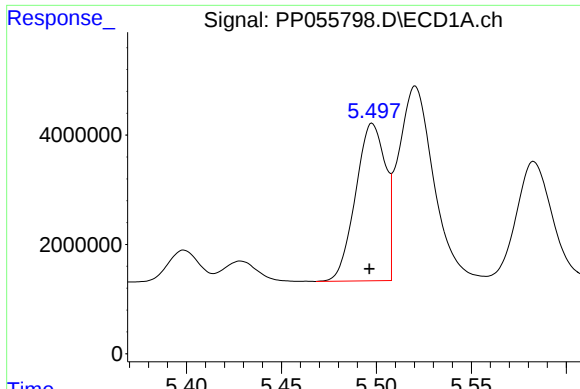
#20 AR-1242-5

R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 3729197
Conc: 89.03 ng/ml



#20 AR-1242-5

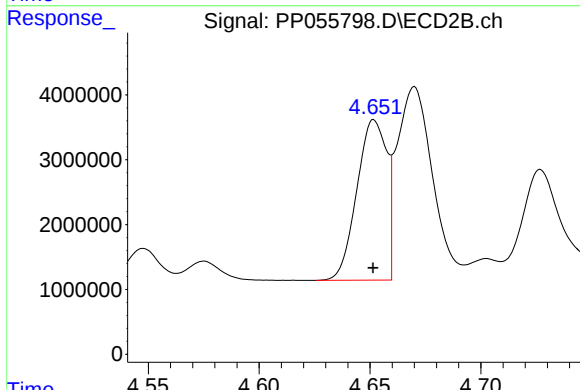
R.T.: 5.456 min
Delta R.T.: 0.001 min
Response: 15254118
Conc: 457.95 ng/ml



#21 AR-1248-1

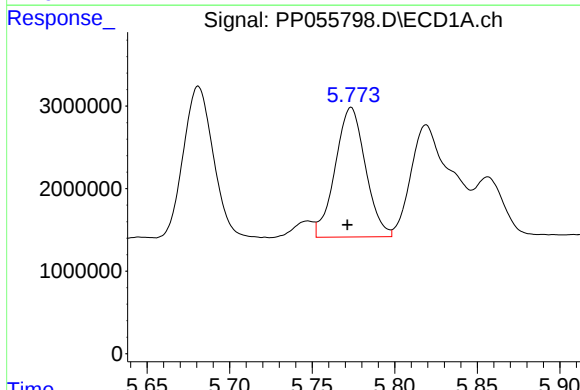
R.T.: 5.498 min
Delta R.T.: 0.001 min
Response: 31496330
Conc: 865.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



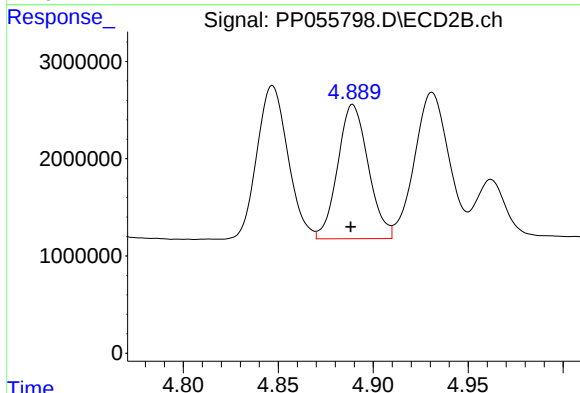
#21 AR-1248-1

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 23101362
Conc: 827.17 ng/ml



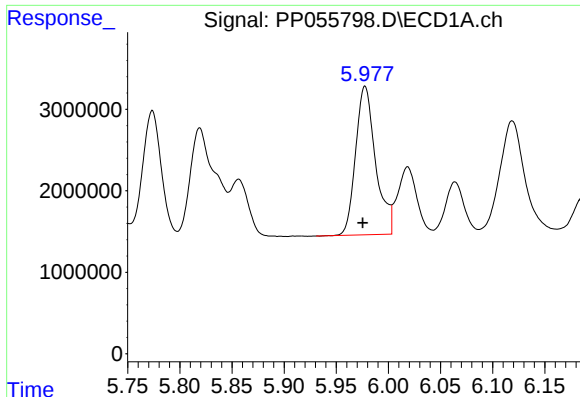
#22 AR-1248-2

R.T.: 5.774 min
Delta R.T.: 0.002 min
Response: 20021823
Conc: 347.98 ng/ml



#22 AR-1248-2

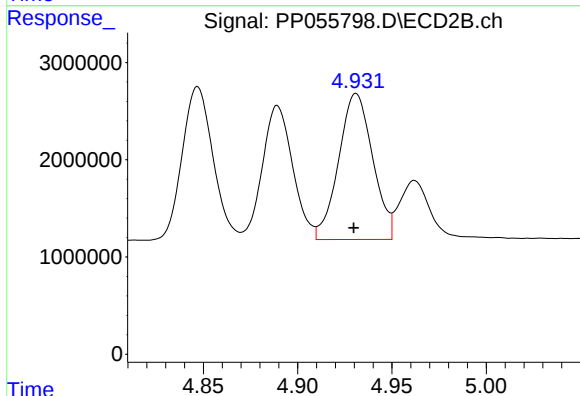
R.T.: 4.889 min
Delta R.T.: 0.001 min
Response: 15455439
Conc: 363.31 ng/ml



#23 AR-1248-3

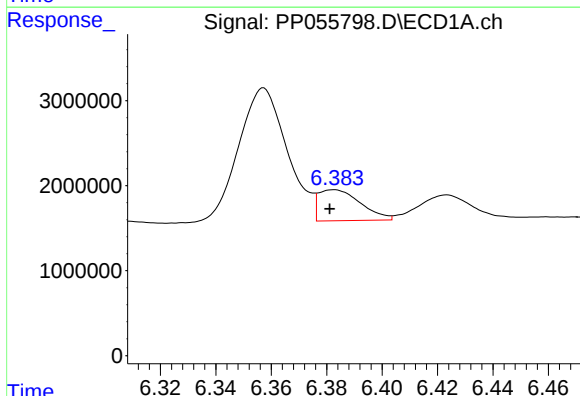
R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 24377464
Conc: 375.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



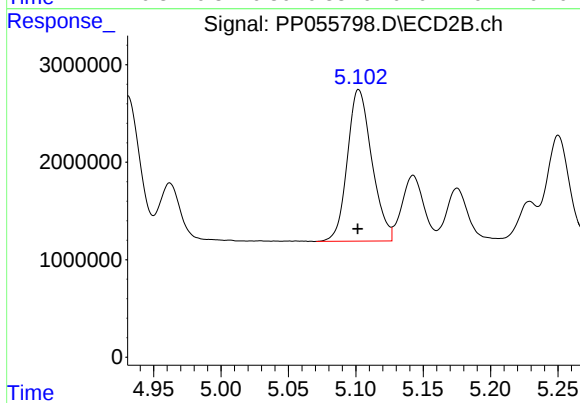
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 18904120
Conc: 424.80 ng/ml



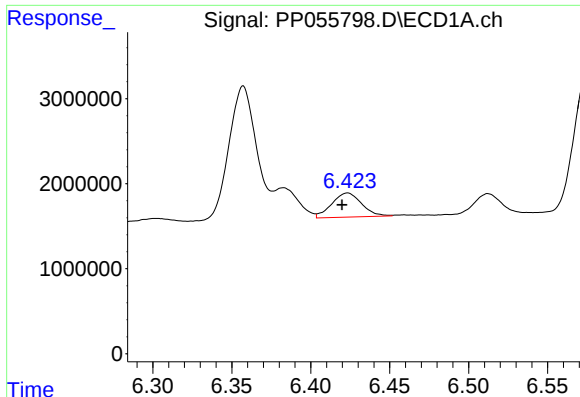
#24 AR-1248-4

R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 3843348
Conc: 52.97 ng/ml



#24 AR-1248-4

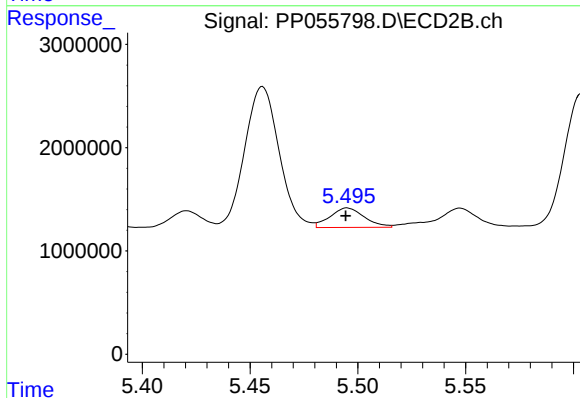
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 19676851
Conc: 384.30 ng/ml



#25 AR-1248-5

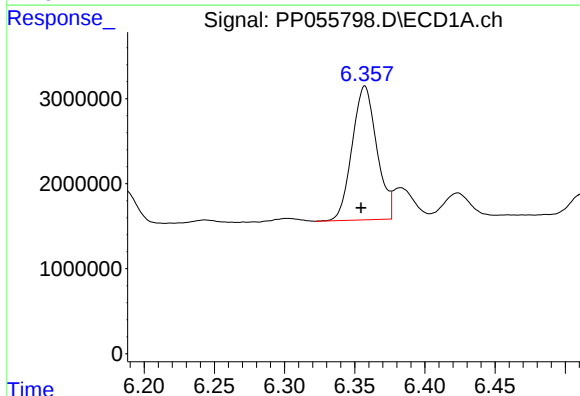
R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 3729197
Conc: 52.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



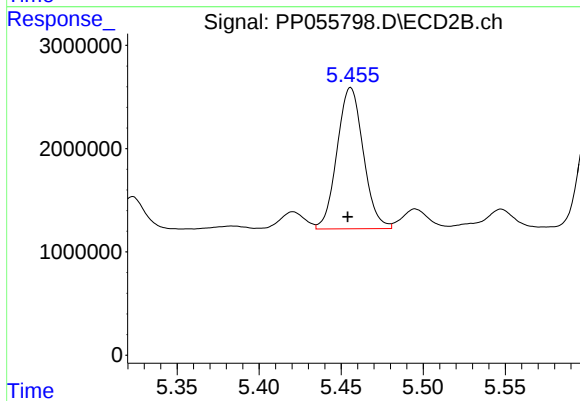
#25 AR-1248-5

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 2106232
Conc: 47.79 ng/ml



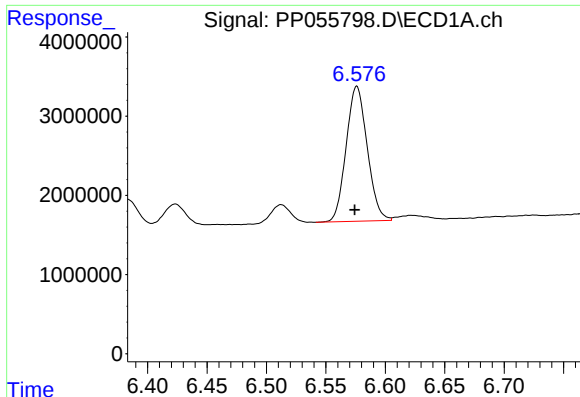
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 19231215
Conc: 261.57 ng/ml



#26 AR-1254-1

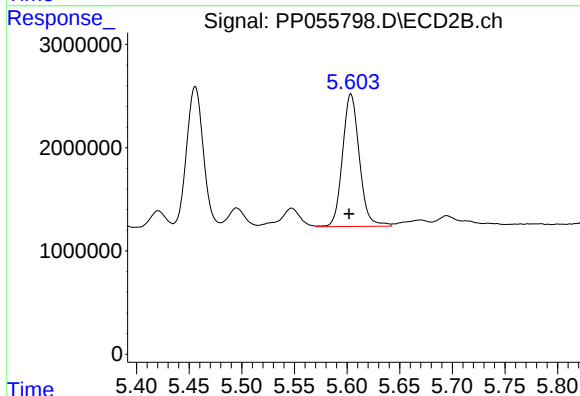
R.T.: 5.456 min
Delta R.T.: 0.002 min
Response: 15254118
Conc: 207.34 ng/ml



#27 AR-1254-2

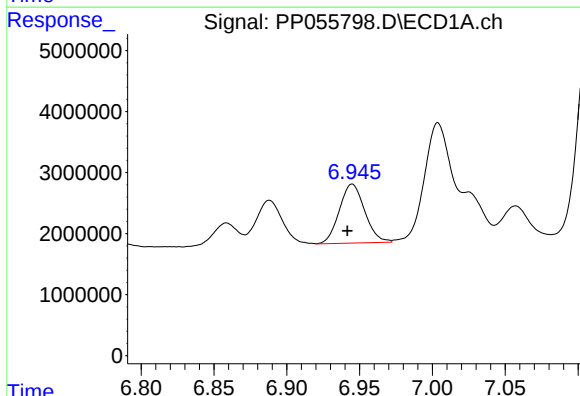
R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 21064153
Conc: 182.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



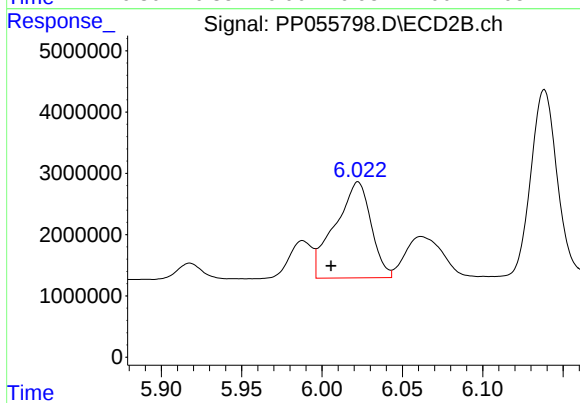
#27 AR-1254-2

R.T.: 5.604 min
Delta R.T.: 0.002 min
Response: 14306351
Conc: 227.38 ng/ml



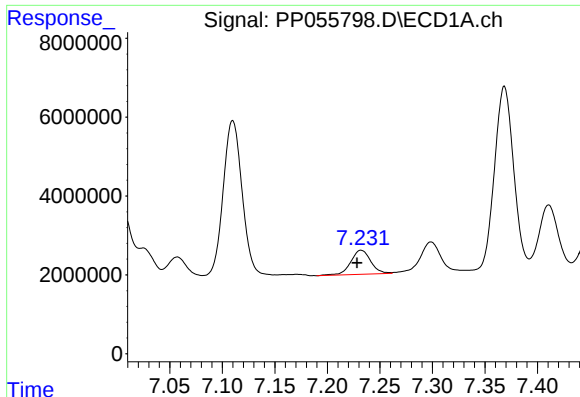
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: 0.003 min
Response: 11713499
Conc: 95.18 ng/ml



#28 AR-1254-3

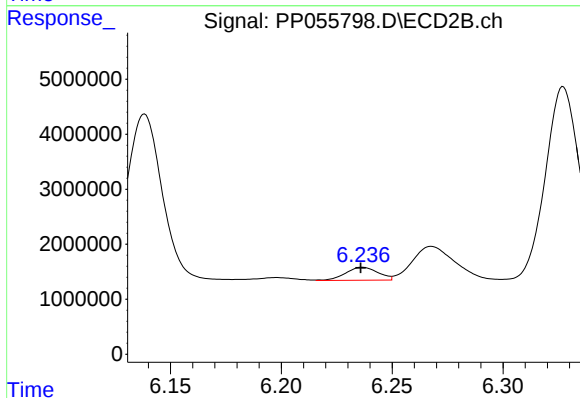
R.T.: 6.022 min
Delta R.T.: 0.017 min
Response: 24343003
Conc: 248.20 ng/ml



#29 AR-1254-4

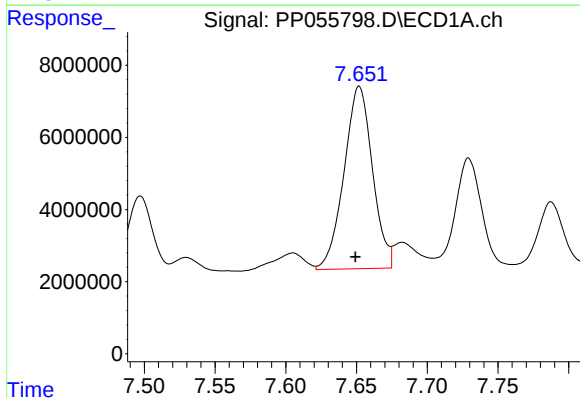
R.T.: 7.232 min
Delta R.T.: 0.004 min
Response: 8123652
Conc: 88.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



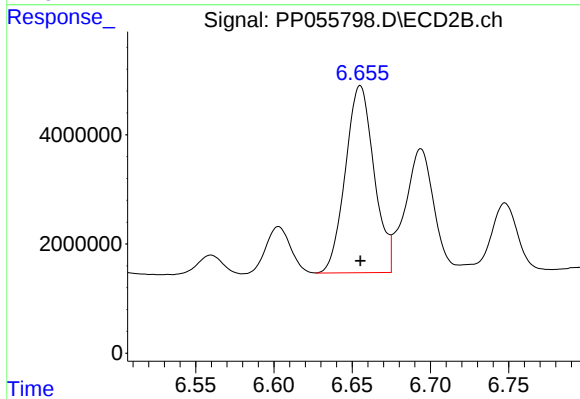
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2393620
Conc: 43.48 ng/ml



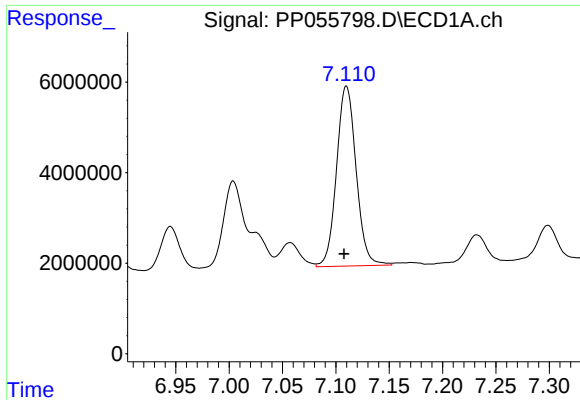
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 70842768
Conc: 674.03 ng/ml



#30 AR-1254-5

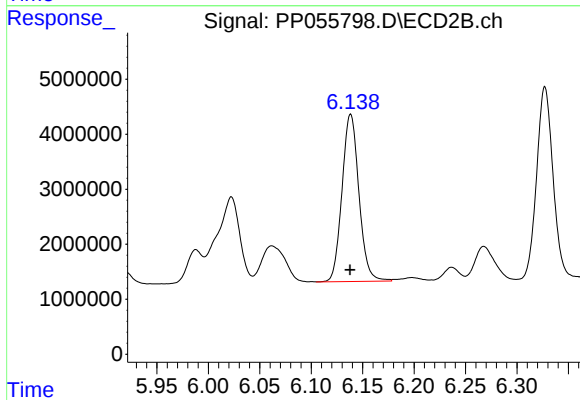
R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 43710545
Conc: 537.98 ng/ml



#31 AR-1260-1

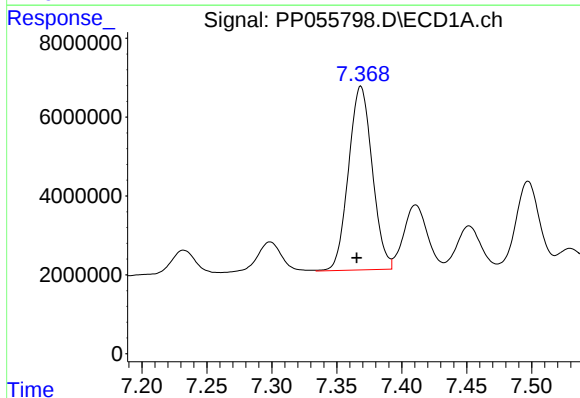
R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 50824475
Conc: 490.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



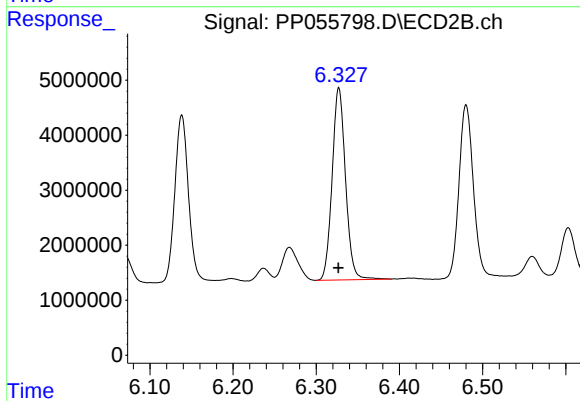
#31 AR-1260-1

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 34821669
Conc: 477.65 ng/ml



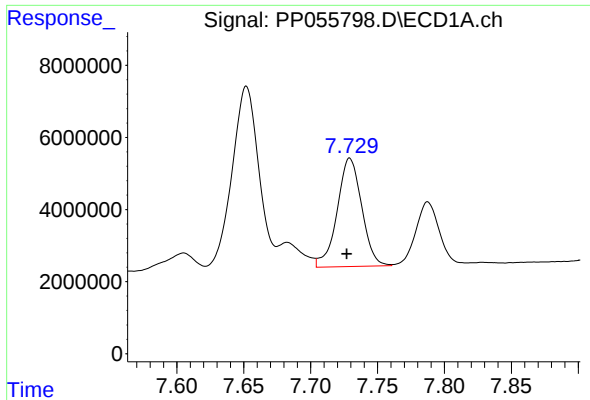
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: 0.003 min
Response: 59203840
Conc: 470.72 ng/ml



#32 AR-1260-2

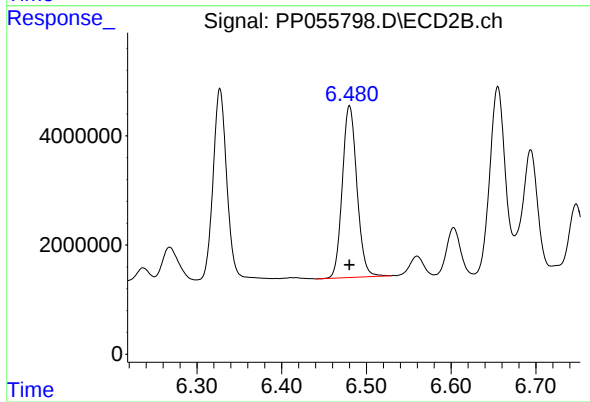
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 39058080
Conc: 478.67 ng/ml



#33 AR-1260-3

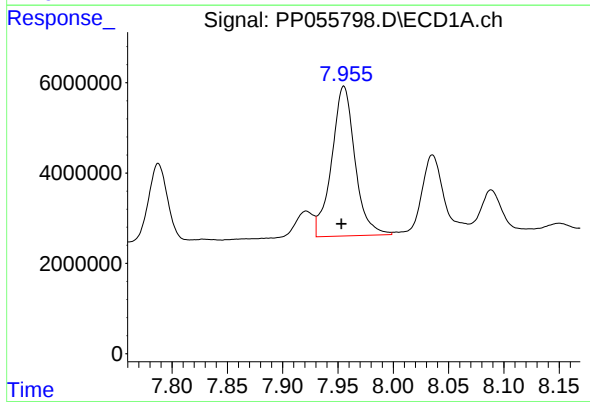
R.T.: 7.729 min
Delta R.T.: 0.002 min
Response: 38416730
Conc: 437.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



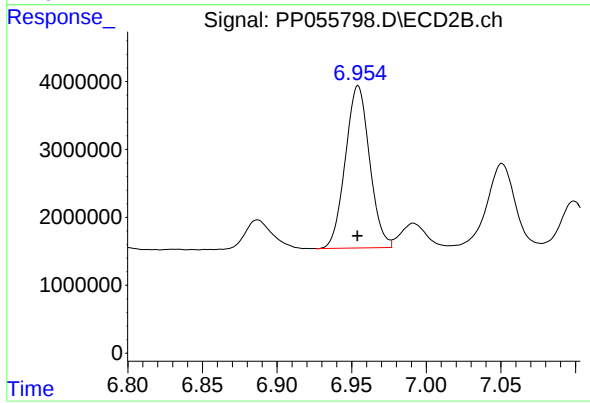
#33 AR-1260-3

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 37660312
Conc: 445.65 ng/ml



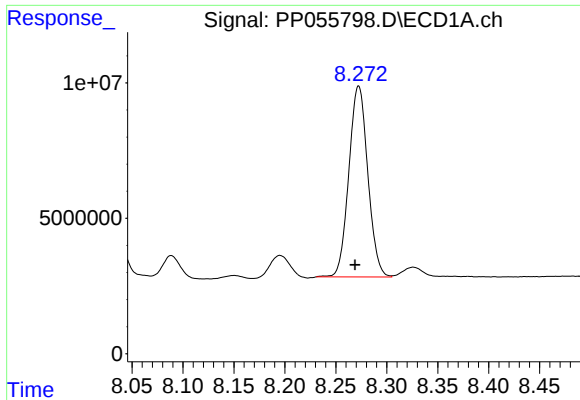
#34 AR-1260-4

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 48582390
Conc: 452.03 ng/ml



#34 AR-1260-4

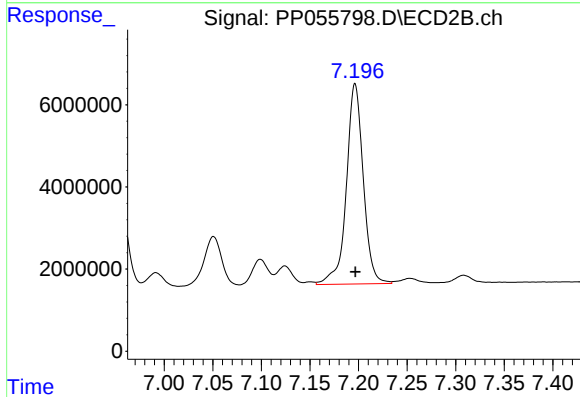
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 27018931
Conc: 422.17 ng/ml



#35 AR-1260-5

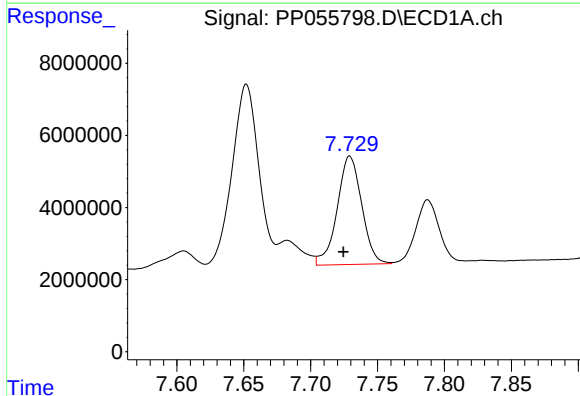
R.T.: 8.272 min
Delta R.T.: 0.004 min
Response: 91322253
Conc: 442.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



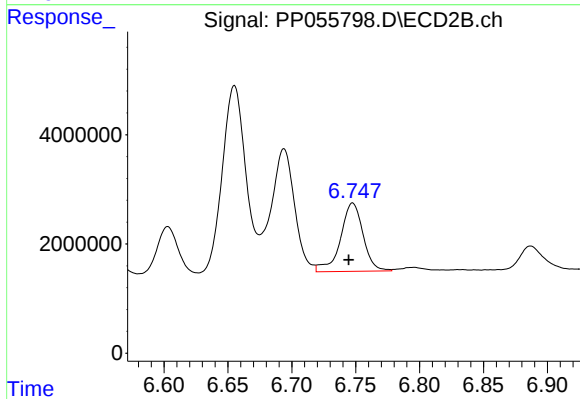
#35 AR-1260-5

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 59017986
Conc: 436.01 ng/ml



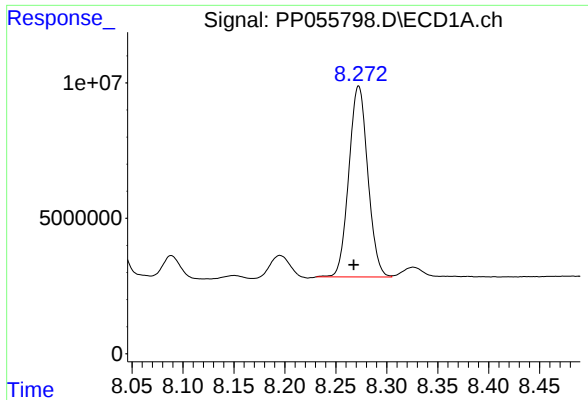
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: 0.005 min
Response: 38416730
Conc: 325.62 ng/ml



#36 AR-1262-1

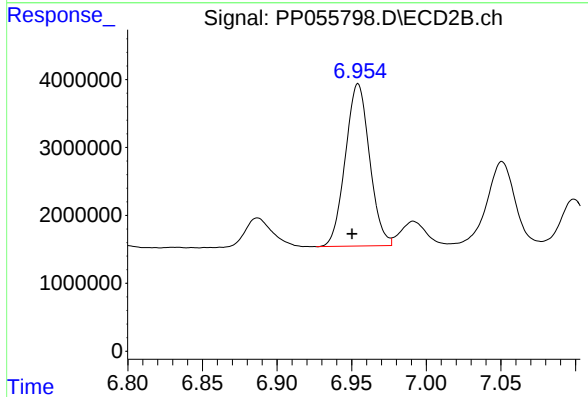
R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 15469090
Conc: 438.86 ng/ml



#37 AR-1262-2

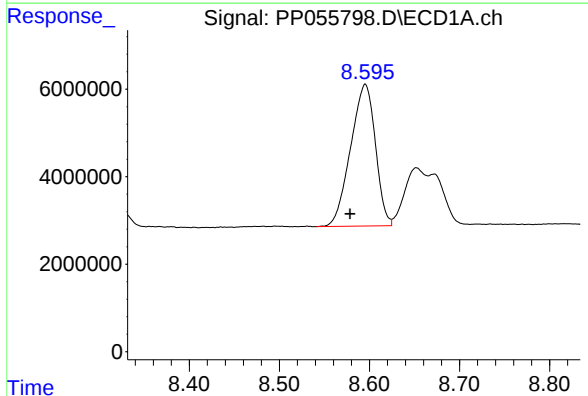
R.T.: 8.272 min
Delta R.T.: 0.005 min
Response: 91322253
Conc: 416.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



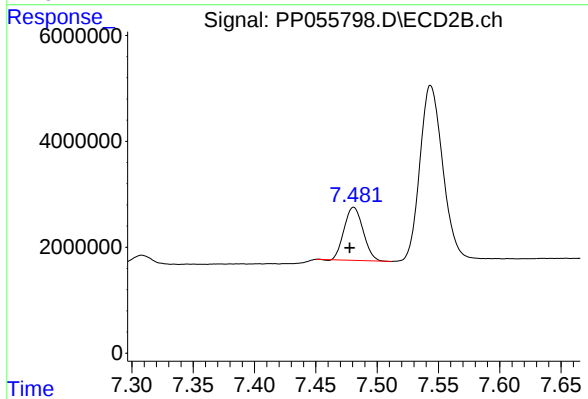
#37 AR-1262-2

R.T.: 6.954 min
Delta R.T.: 0.004 min
Response: 27018931
Conc: 363.88 ng/ml



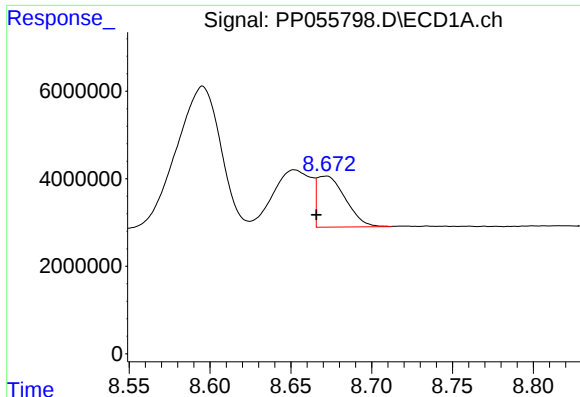
#38 AR-1262-3

R.T.: 8.595 min
Delta R.T.: 0.017 min
Response: 61925270
Conc: 405.06 ng/ml



#38 AR-1262-3

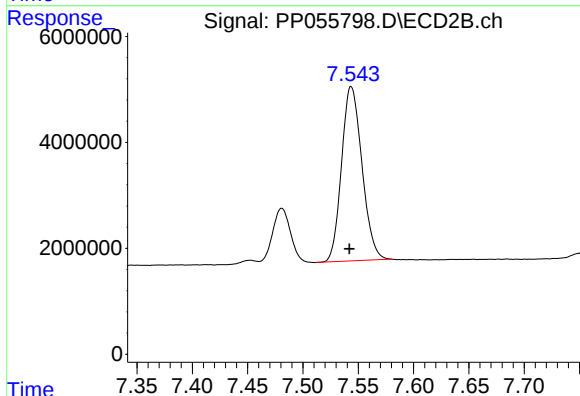
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 10858464
Conc: 195.70 ng/ml



#39 AR-1262-4

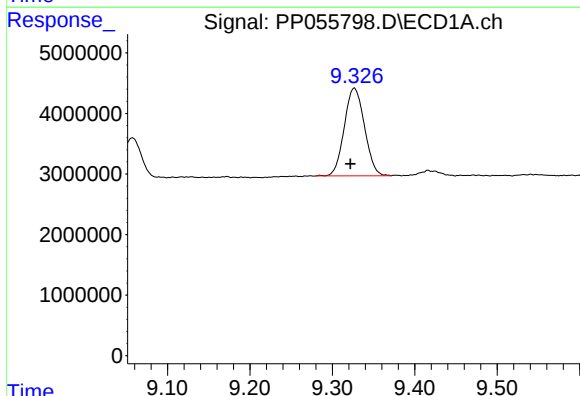
R.T.: 8.672 min
Delta R.T.: 0.006 min
Response: 14168313
Conc: 188.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



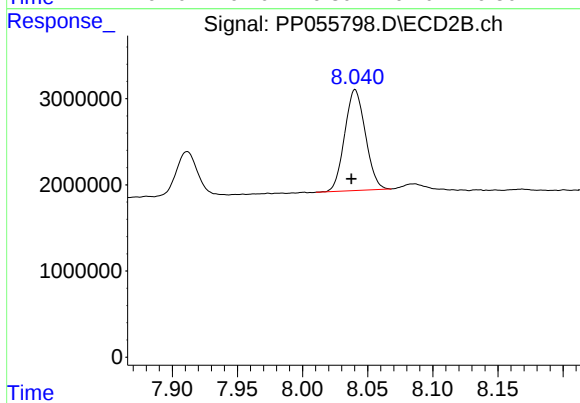
#39 AR-1262-4

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 42272364
Conc: 416.41 ng/ml



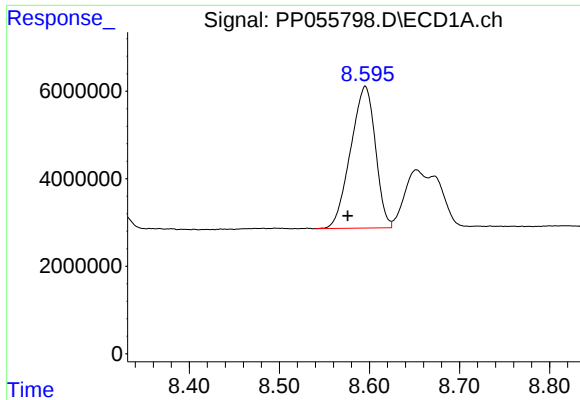
#40 AR-1262-5

R.T.: 9.327 min
Delta R.T.: 0.005 min
Response: 24719271
Conc: 299.82 ng/ml



#40 AR-1262-5

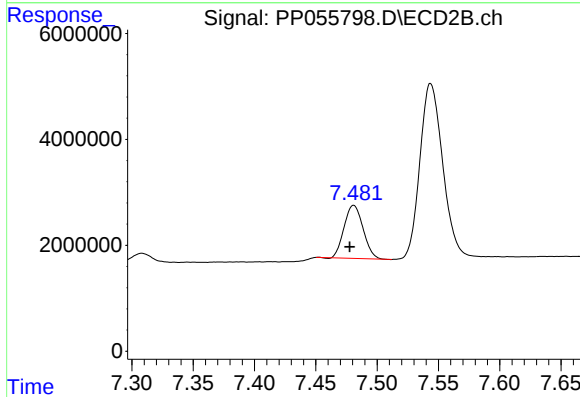
R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 12961199
Conc: 285.01 ng/ml



#41 AR-1268-1

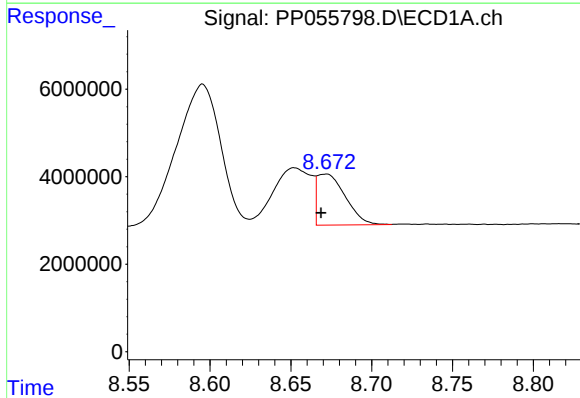
R.T.: 8.595 min
Delta R.T.: 0.020 min
Response: 61925270
Conc: 216.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



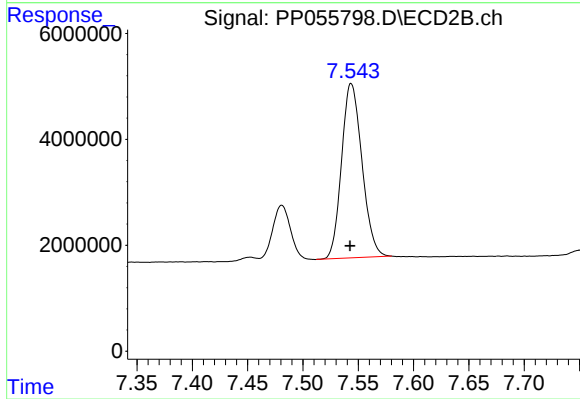
#41 AR-1268-1

R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 10858464
Conc: 64.58 ng/ml



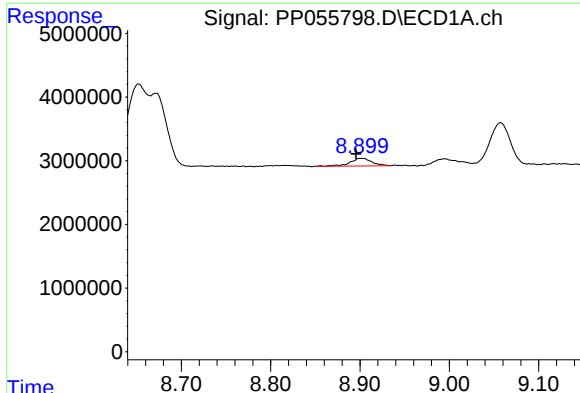
#42 AR-1268-2

R.T.: 8.672 min
Delta R.T.: 0.003 min
Response: 14168313
Conc: 53.14 ng/ml



#42 AR-1268-2

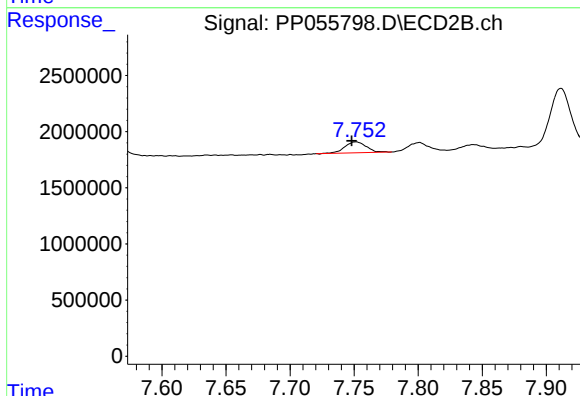
R.T.: 7.544 min
Delta R.T.: 0.000 min
Response: 42272364
Conc: 276.36 ng/ml



#43 AR-1268-3

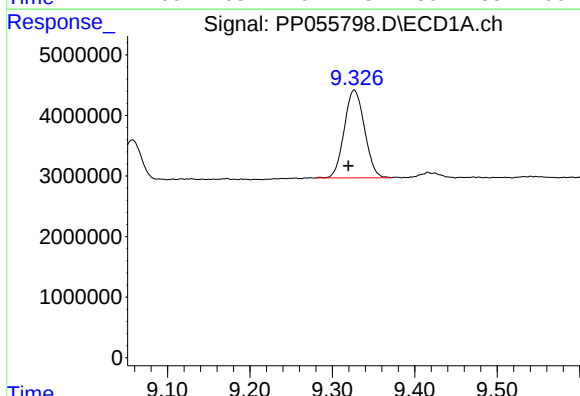
R.T.: 8.901 min
Delta R.T.: 0.005 min
Response: 2029036
Conc: 8.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



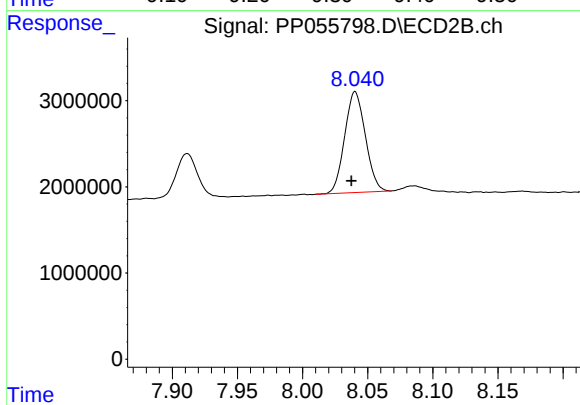
#43 AR-1268-3

R.T.: 7.751 min
Delta R.T.: 0.003 min
Response: 1155638
Conc: 8.42 ng/ml



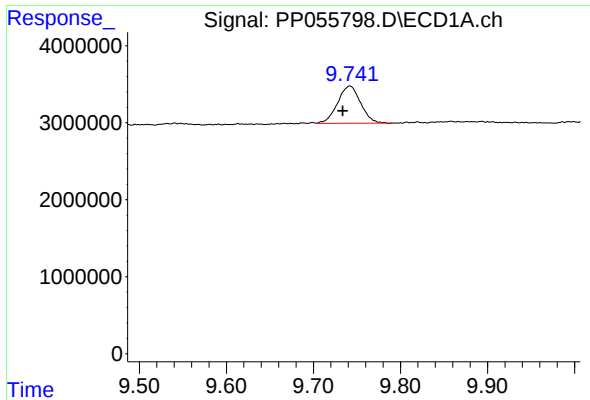
#44 AR-1268-4

R.T.: 9.327 min
Delta R.T.: 0.007 min
Response: 24719271
Conc: 250.37 ng/ml



#44 AR-1268-4

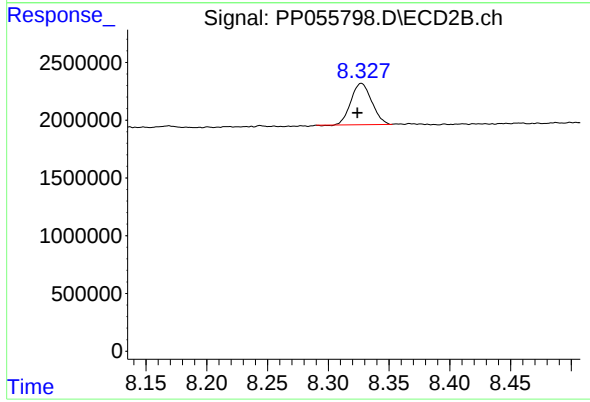
R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 12961199
Conc: 235.58 ng/ml



#45 AR-1268-5

R.T.: 9.742 min
Delta R.T.: 0.008 min
Response: 8874785
Conc: 11.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.327 min
Delta R.T.: 0.003 min
Response: 4267530
Conc: 10.58 ng/ml