

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012723\
 Data File : PP054975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2023 20:04
 Operator : YP\AJ
 Sample : 01326-01MSD
 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: Jan 26 20:59:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.330	3.577	35538212	28892087	20.439	19.246
2)	SA Decachlor...	10.089	8.593	32736510	24882431	18.905	18.424
Target Compounds							
3)	L1 AR-1016-1	5.502	4.662	31300857	24246854	465.716	489.895
4)	L1 AR-1016-2	5.525	4.680	45166894	33834529	471.327	488.803
5)	L1 AR-1016-3	5.586	4.857	28192864	18661304	471.323	501.694
6)	L1 AR-1016-4	5.685	4.899	22514608	23731295	469.856	755.238 #
7)	L1 AR-1016-5	5.981	5.112	30211443	23969391	596.191	586.271
8)	L2 AR-1221-1	4.535	3.789	3227709	2696461	137.262	136.000
9)	L2 AR-1221-2	4.625	3.876	3873321	3480463	218.006	234.812
10)	L2 AR-1221-3	4.702	3.951	16854655	13781957	313.228	305.489
11)	L3 AR-1232-1	4.702	3.951	16854655	13781957	379.756	373.906
12)	L3 AR-1232-2	5.233	4.680	23574076	33834529	1042.419	1059.231
13)	L3 AR-1232-3	5.525	4.857	45166894	18661304	1028.454	1119.389
14)	L3 AR-1232-4	5.685	4.941	22514608	21692774	1017.186	1345.194 #
15)	L3 AR-1232-5	5.777	5.112	30841052	23969391	1761.638	1357.157
16)	L4 AR-1242-1	5.502	4.662	31300857	24246854	559.056	591.932
17)	L4 AR-1242-2	5.525	4.680	45166894	33834529	565.790	592.538
18)	L4 AR-1242-3	5.586	4.857	28192864	18661304	567.701	604.559
19)	L4 AR-1242-4	5.685	4.941	22514608	21692774	561.787	667.735
20)	L4 AR-1242-5	6.427	5.466	12423542	36974869	279.410	989.382 #
21)	L5 AR-1248-1	5.502	4.662	31300857	24246854	750.553	782.077
22)	L5 AR-1248-2	5.777	4.899	30841052	23731295	485.119	518.972
23)	L5 AR-1248-3	5.981	4.941	30211443	21692774	436.846	455.030
24)	L5 AR-1248-4	6.386	5.112	15398967	23969391	203.061	434.015 #
25)	L5 AR-1248-5	6.427	5.506	12423542	5677449	168.356	115.464 #
26)	L6 AR-1254-1	6.360	5.466	39516962	36974869	500.897	457.847
27)	L6 AR-1254-2	6.581	5.614	53866794	33756224	445.095	471.702
28)	L6 AR-1254-3	6.949	6.019	52733568	67353701	430.513	604.570 #
29)	L6 AR-1254-4	7.236	6.248	39109895	25083719	443.866	407.816
30)	L6 AR-1254-5	7.656	6.667	98290810	74159270	971.629	782.238
31)	L7 AR-1260-1	7.114	6.149	60341858	51388021	633.002	662.691
32)	L7 AR-1260-2	7.372	6.338	71426112	54247838	634.638	603.437
33)	L7 AR-1260-3	7.734	6.492	39396373	52029200	489.281	612.752 #
34)	L7 AR-1260-4	7.958	6.966	64438418	31631830	663.788	441.768 #
35)	L7 AR-1260-5	8.277	7.209	87380321	75830929	491.313	493.253
36)	L8 AR-1262-1	7.734	6.759	39396373	19811289	333.918	461.141 #
37)	L8 AR-1262-2	8.277	6.966	87380321	31631830	433.835	341.511
38)	L8 AR-1262-3	8.599	7.493	56468330	14564152	406.039	199.892 #
39)	L8 AR-1262-4	8.656f	7.557	32363638	53782208	420.956	411.244
40)	L8 AR-1262-5	9.334	8.054	20641984	15458276	288.619	260.557
41)	L9 AR-1268-1	8.599	7.493	56468330	14564152	231.042	67.357 #

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 Operator : YP\AJ
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

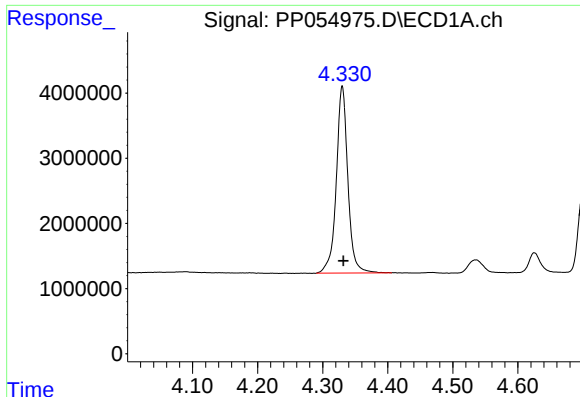
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:59:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.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	8.656f	7.557	32363638	53782208	142.493	275.617 #
43) L9	AR-1268-3	8.908	7.765	1691677	1255997	8.468	7.312
44) L9	AR-1268-4	9.334	8.054	20641984	15458276	262.800	242.360
45) L9	AR-1268-5	9.751	8.342	7417336	6161470	11.660	11.700

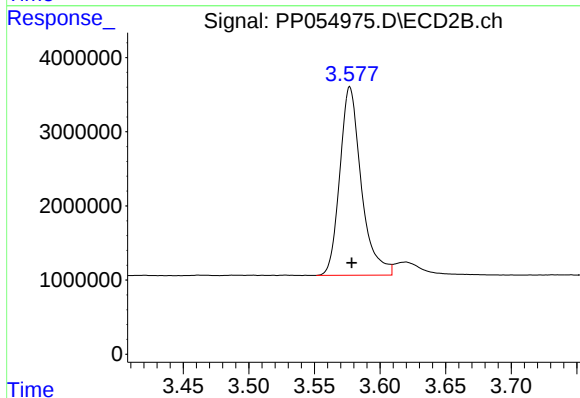
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

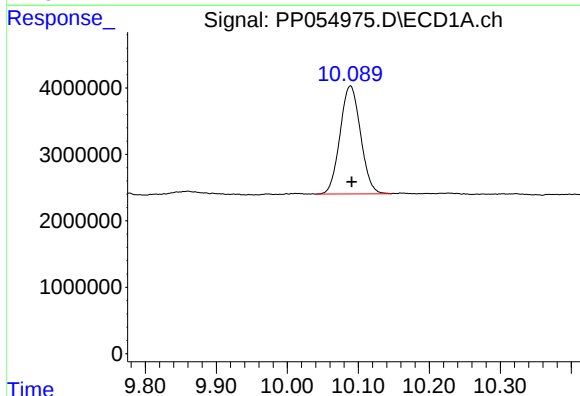
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 35538212
Conc: 20.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



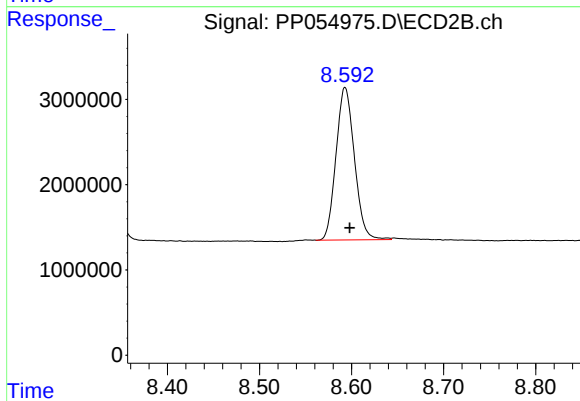
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.001 min
Response: 28892087
Conc: 19.25 ng/ml



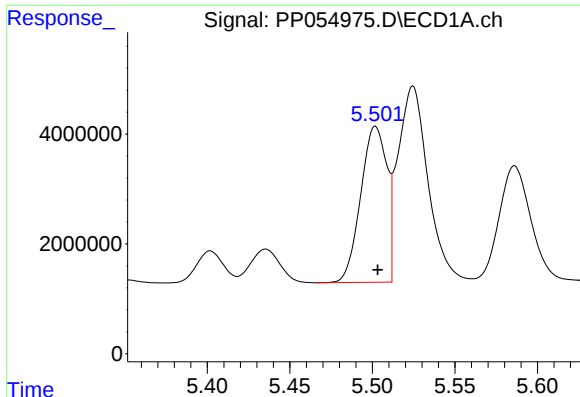
#2 Decachlorobiphenyl

R.T.: 10.089 min
Delta R.T.: -0.002 min
Response: 32736510
Conc: 18.90 ng/ml



#2 Decachlorobiphenyl

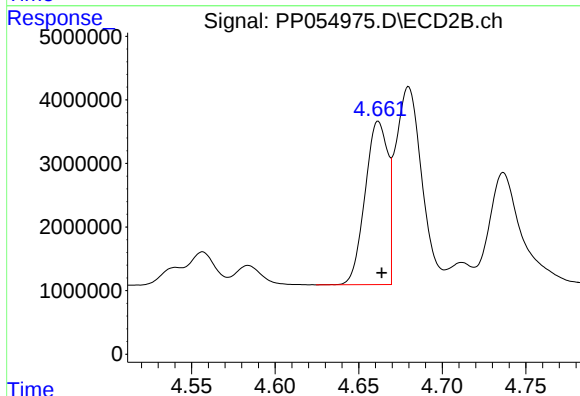
R.T.: 8.593 min
Delta R.T.: -0.005 min
Response: 24882431
Conc: 18.42 ng/ml



#3 AR-1016-1

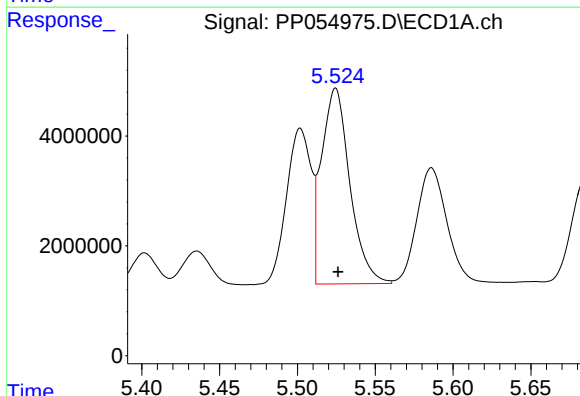
R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 31300857
Conc: 465.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



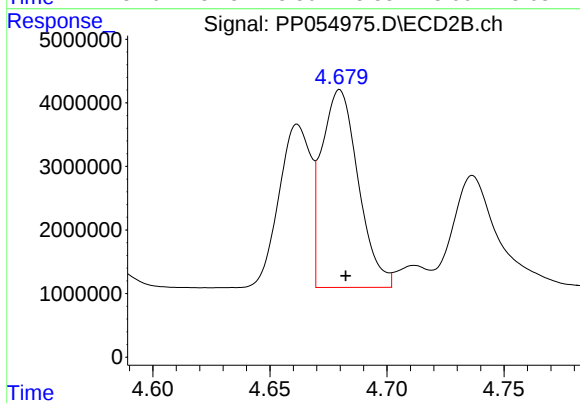
#3 AR-1016-1

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 24246854
Conc: 489.90 ng/ml



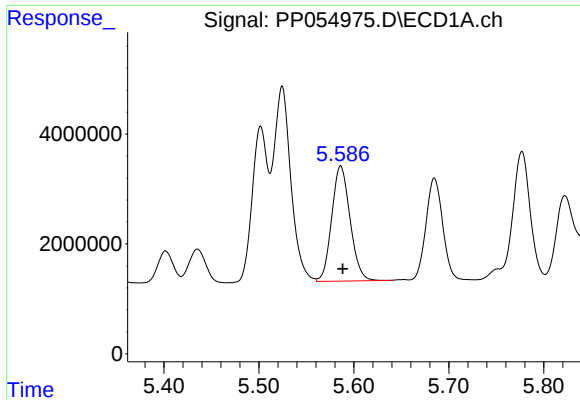
#4 AR-1016-2

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 45166894
Conc: 471.33 ng/ml



#4 AR-1016-2

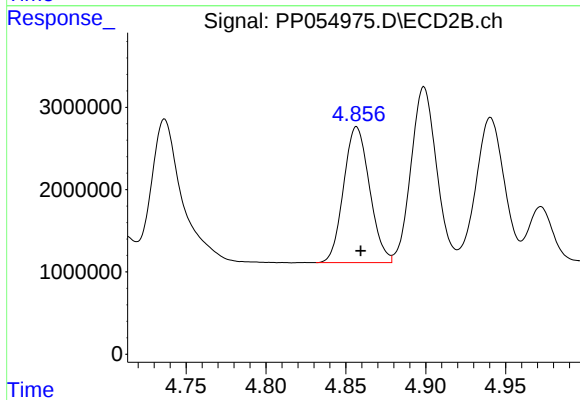
R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 33834529
Conc: 488.80 ng/ml



#5 AR-1016-3

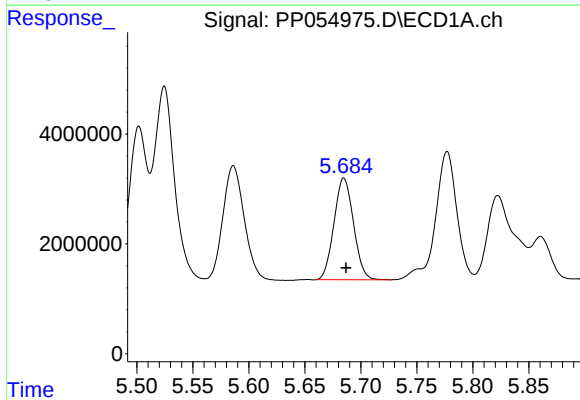
R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 28192864
Conc: 471.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



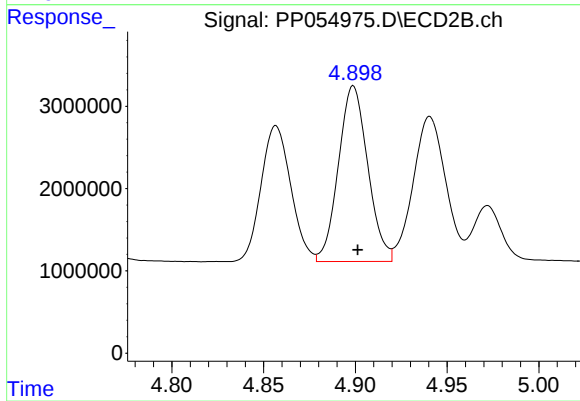
#5 AR-1016-3

R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 18661304
Conc: 501.69 ng/ml



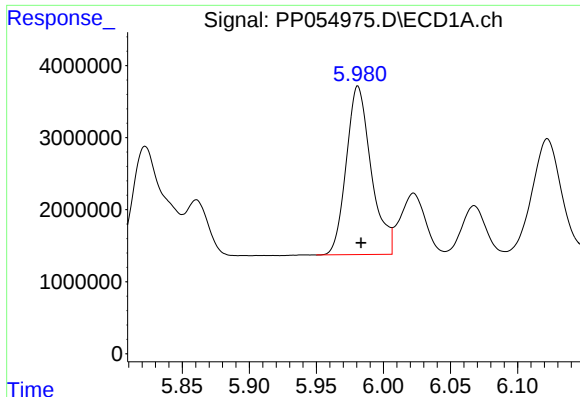
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 22514608
Conc: 469.86 ng/ml



#6 AR-1016-4

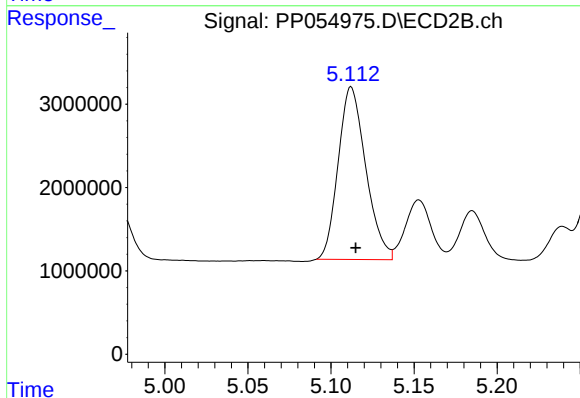
R.T.: 4.899 min
Delta R.T.: -0.002 min
Response: 23731295
Conc: 755.24 ng/ml



#7 AR-1016-5

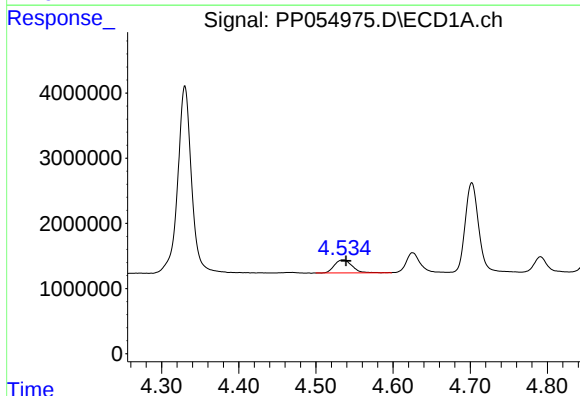
R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 30211443
Conc: 596.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



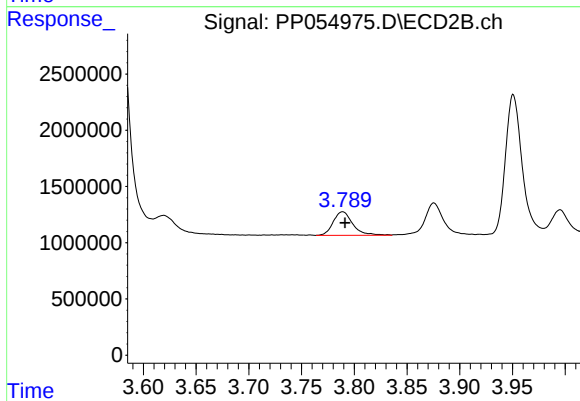
#7 AR-1016-5

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 23969391
Conc: 586.27 ng/ml



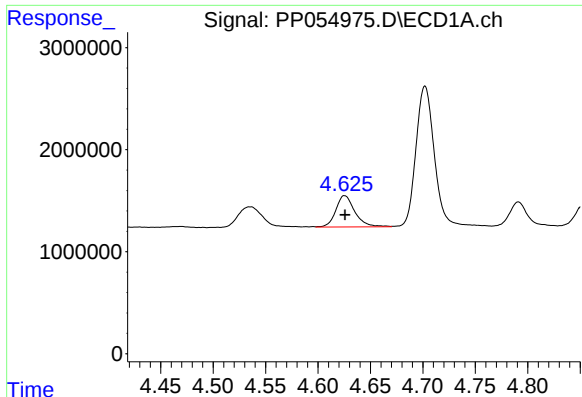
#8 AR-1221-1

R.T.: 4.535 min
Delta R.T.: -0.004 min
Response: 3227709
Conc: 137.26 ng/ml



#8 AR-1221-1

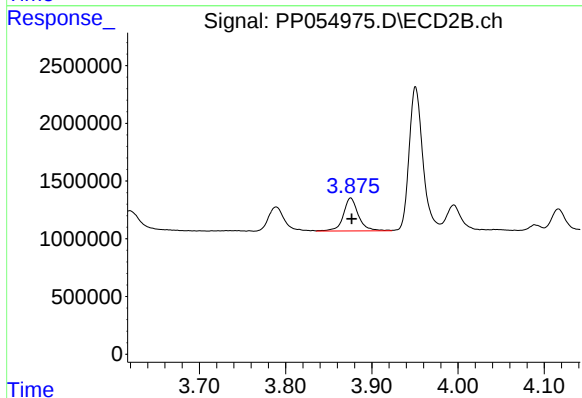
R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 2696461
Conc: 136.00 ng/ml



#9 AR-1221-2

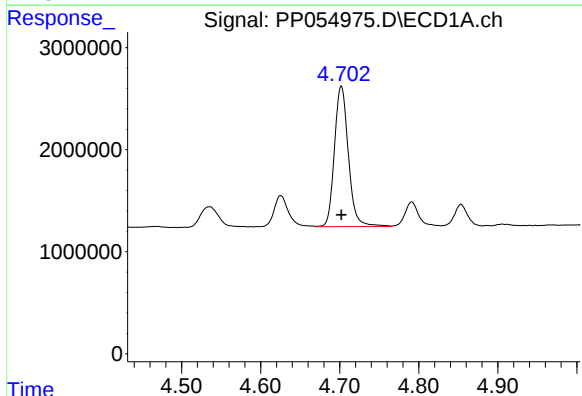
R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 3873321
Conc: 218.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



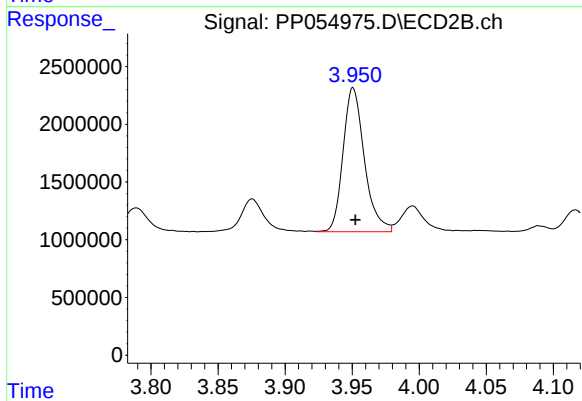
#9 AR-1221-2

R.T.: 3.876 min
Delta R.T.: -0.001 min
Response: 3480463
Conc: 234.81 ng/ml



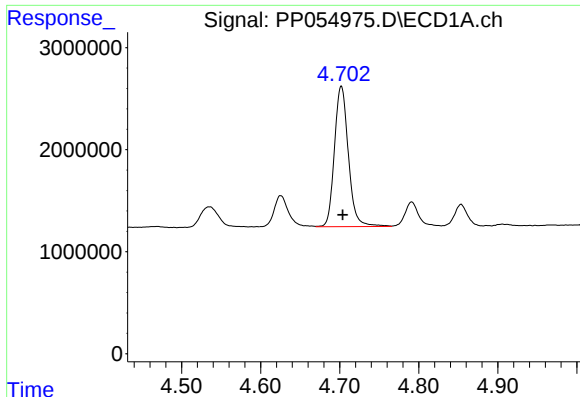
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 16854655
Conc: 313.23 ng/ml



#10 AR-1221-3

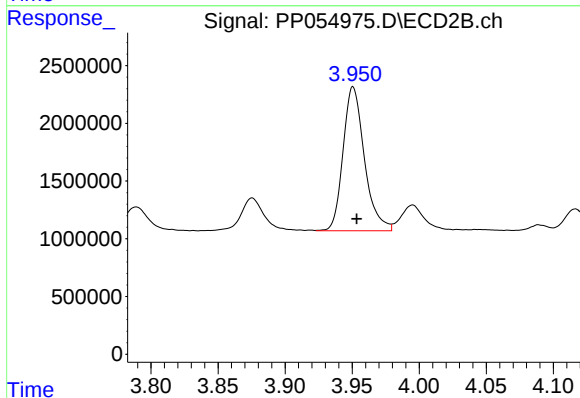
R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 13781957
Conc: 305.49 ng/ml



#11 AR-1232-1

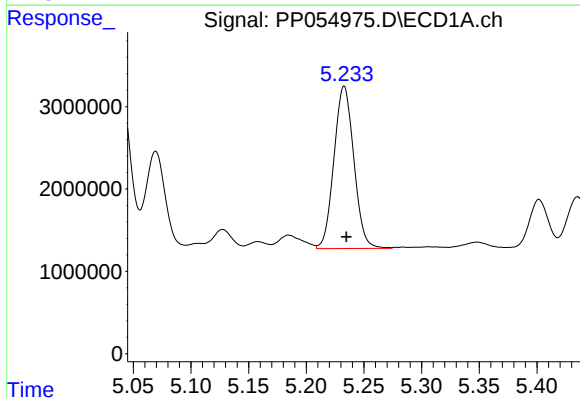
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 16854655
Conc: 379.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



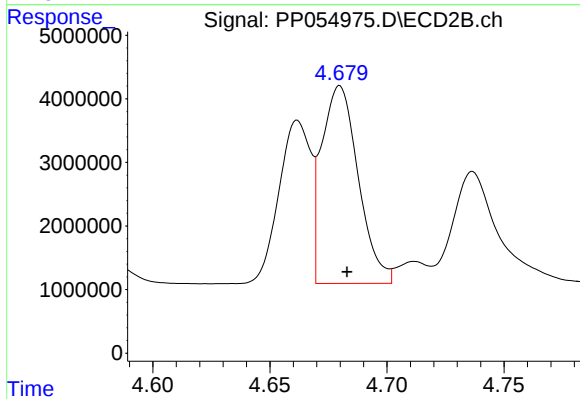
#11 AR-1232-1

R.T.: 3.951 min
Delta R.T.: -0.003 min
Response: 13781957
Conc: 373.91 ng/ml



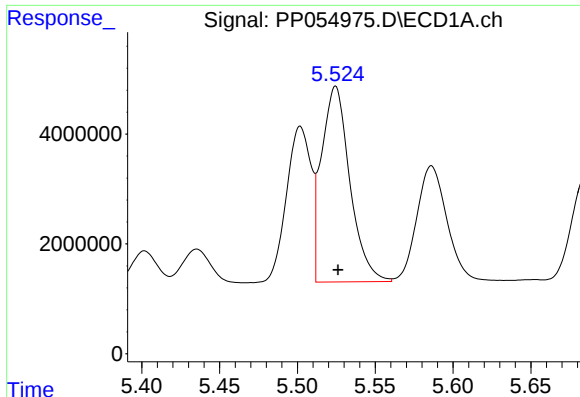
#12 AR-1232-2

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 23574076
Conc: 1042.42 ng/ml



#12 AR-1232-2

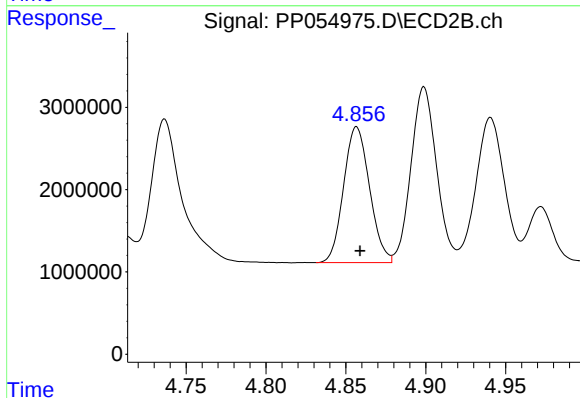
R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 33834529
Conc: 1059.23 ng/ml



#13 AR-1232-3

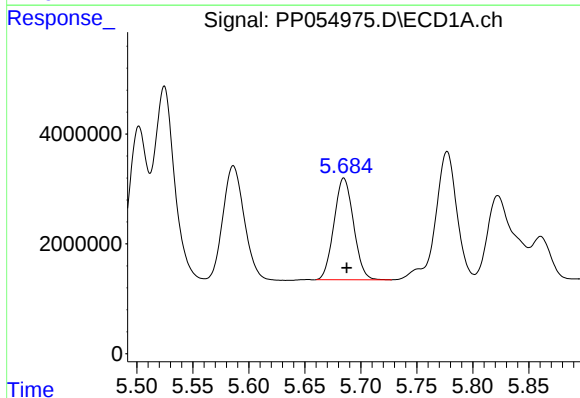
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 45166894
Conc: 1028.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



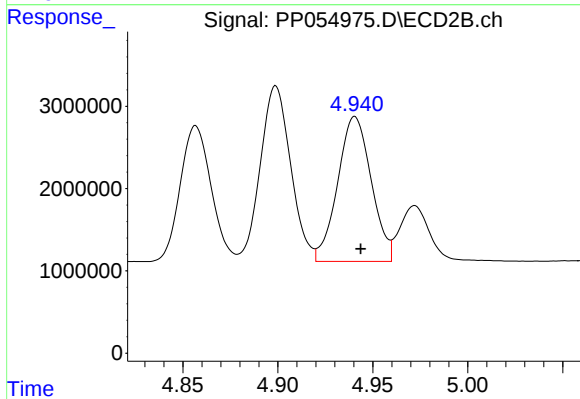
#13 AR-1232-3

R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 18661304
Conc: 1119.39 ng/ml



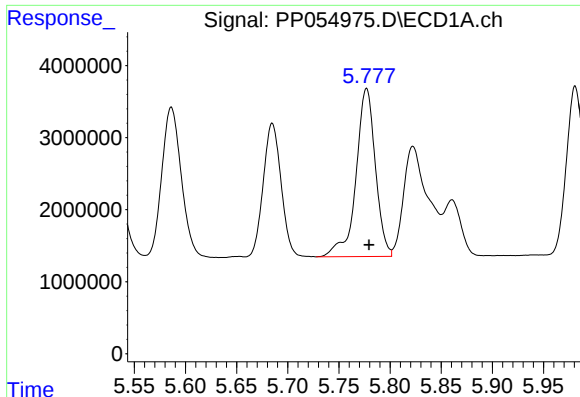
#14 AR-1232-4

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 22514608
Conc: 1017.19 ng/ml



#14 AR-1232-4

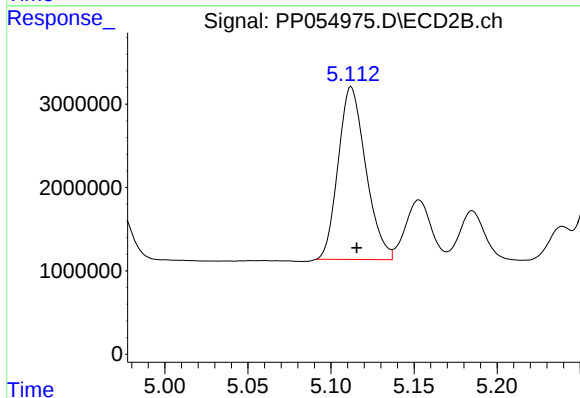
R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 21692774
Conc: 1345.19 ng/ml



#15 AR-1232-5

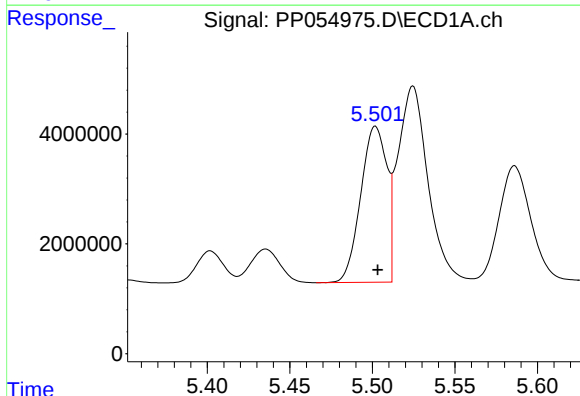
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 30841052
Conc: 1761.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



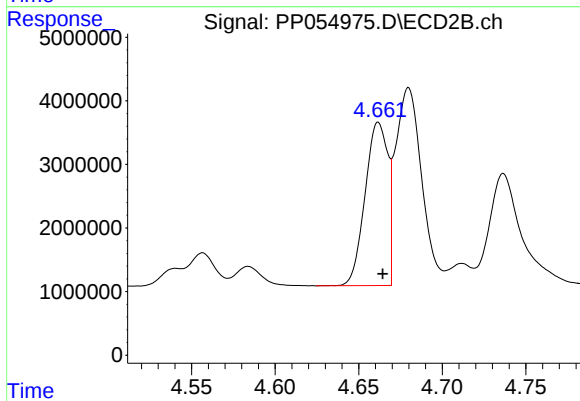
#15 AR-1232-5

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 23969391
Conc: 1357.16 ng/ml



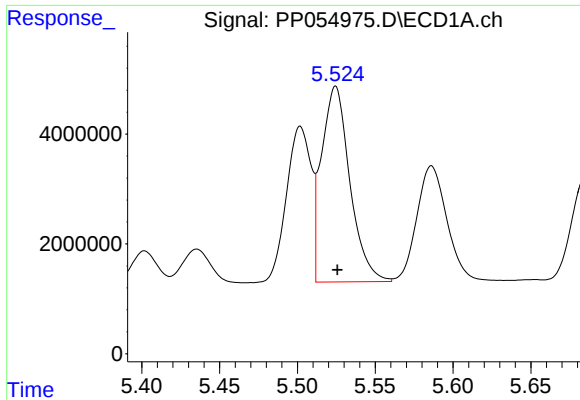
#16 AR-1242-1

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 31300857
Conc: 559.06 ng/ml



#16 AR-1242-1

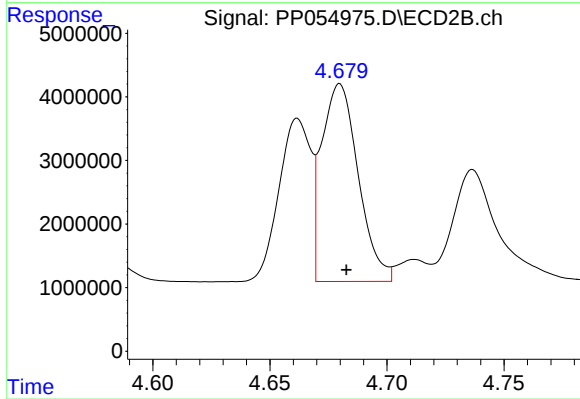
R.T.: 4.662 min
Delta R.T.: -0.003 min
Response: 24246854
Conc: 591.93 ng/ml



#17 AR-1242-2

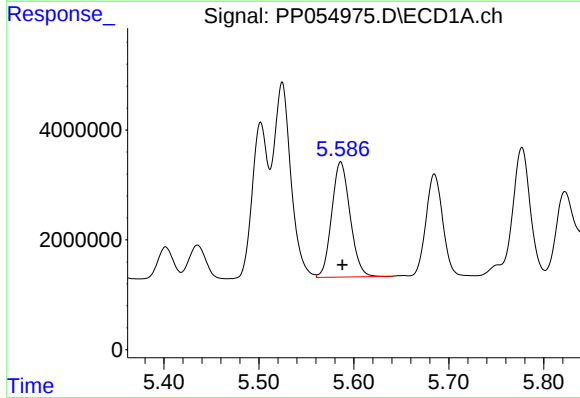
R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 45166894
Conc: 565.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



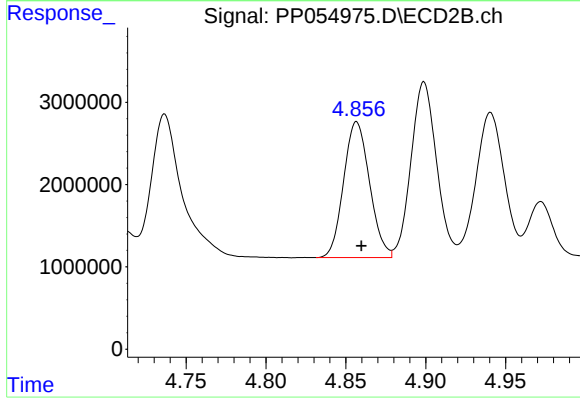
#17 AR-1242-2

R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 33834529
Conc: 592.54 ng/ml



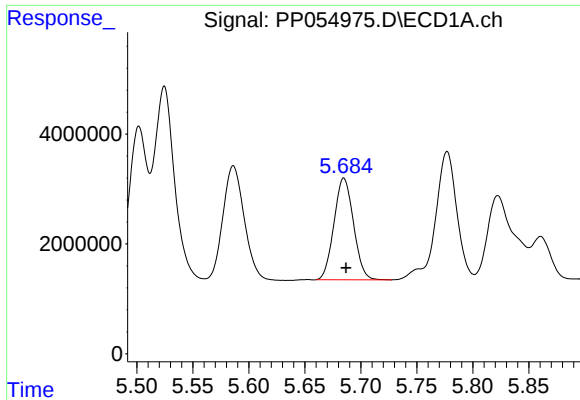
#18 AR-1242-3

R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 28192864
Conc: 567.70 ng/ml



#18 AR-1242-3

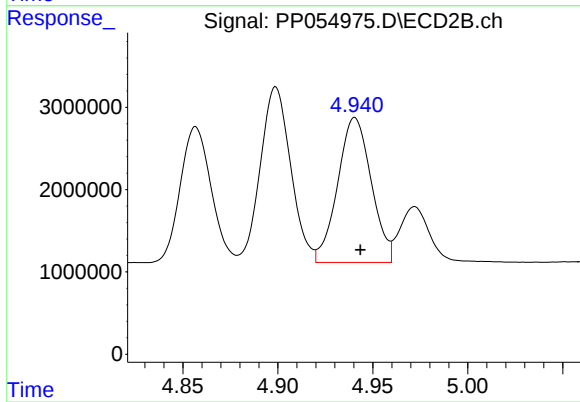
R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 18661304
Conc: 604.56 ng/ml



#19 AR-1242-4

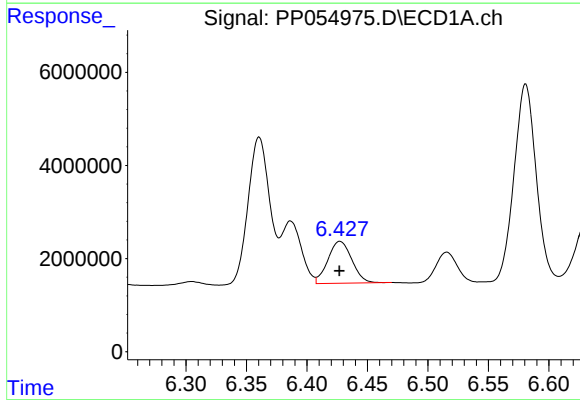
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 22514608
Conc: 561.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



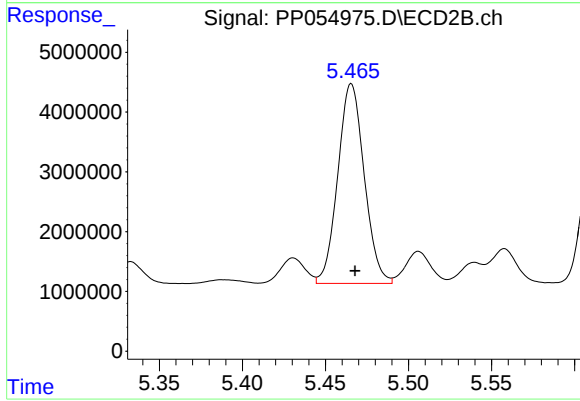
#19 AR-1242-4

R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 21692774
Conc: 667.74 ng/ml



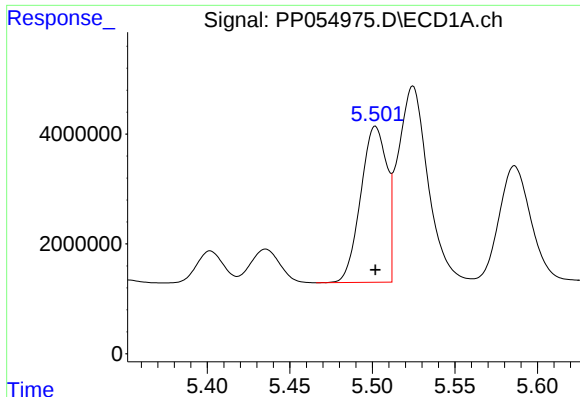
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 12423542
Conc: 279.41 ng/ml



#20 AR-1242-5

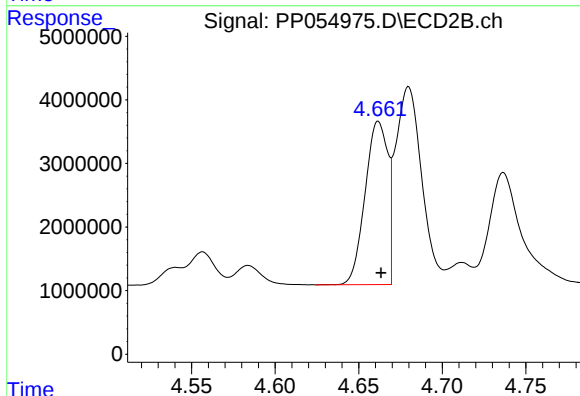
R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 36974869
Conc: 989.38 ng/ml



#21 AR-1248-1

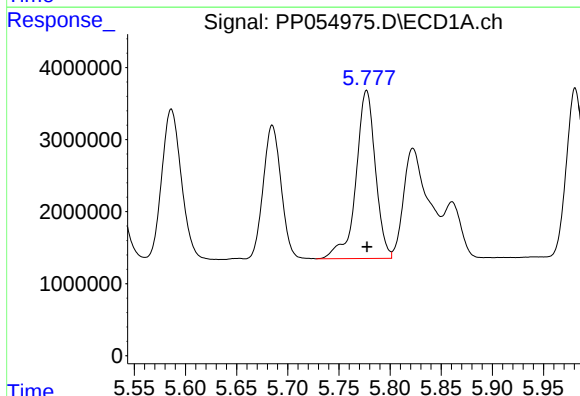
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 31300857
Conc: 750.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



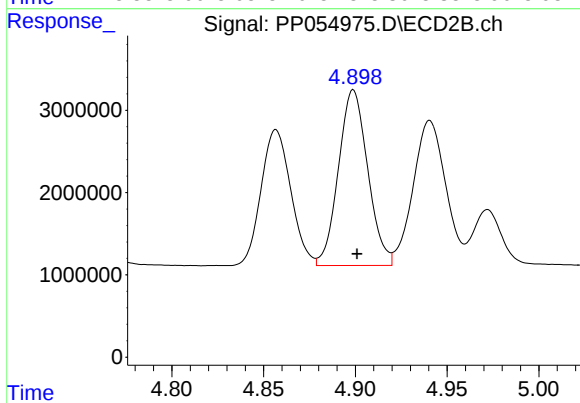
#21 AR-1248-1

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 24246854
Conc: 782.08 ng/ml



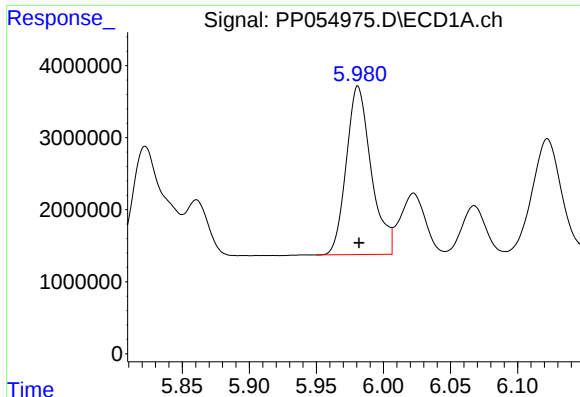
#22 AR-1248-2

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 30841052
Conc: 485.12 ng/ml



#22 AR-1248-2

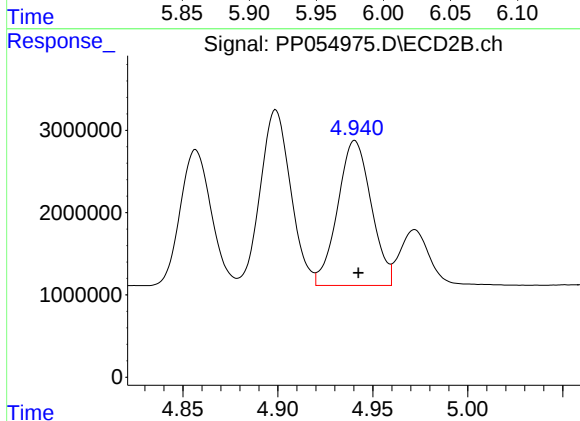
R.T.: 4.899 min
Delta R.T.: -0.002 min
Response: 23731295
Conc: 518.97 ng/ml



#23 AR-1248-3

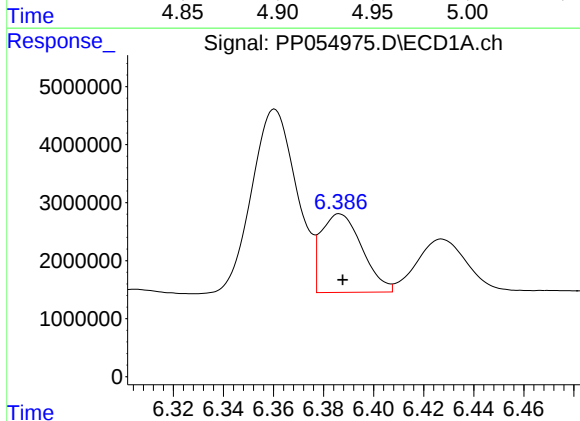
R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 30211443
Conc: 436.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



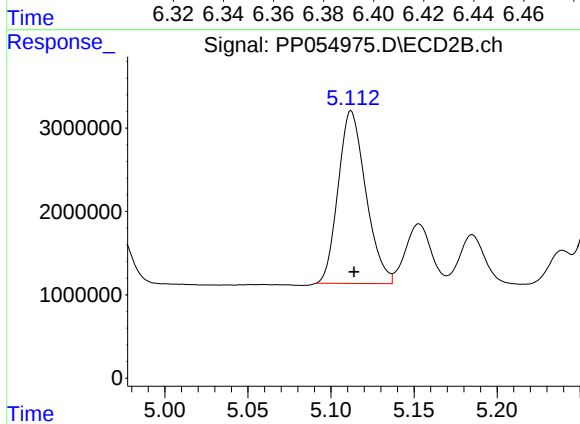
#23 AR-1248-3

R.T.: 4.941 min
Delta R.T.: -0.002 min
Response: 21692774
Conc: 455.03 ng/ml



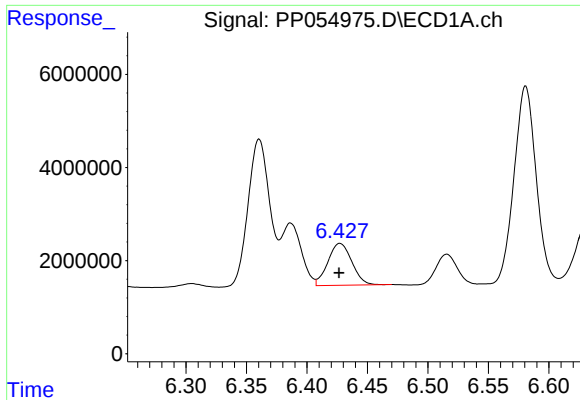
#24 AR-1248-4

R.T.: 6.386 min
Delta R.T.: -0.001 min
Response: 15398967
Conc: 203.06 ng/ml



#24 AR-1248-4

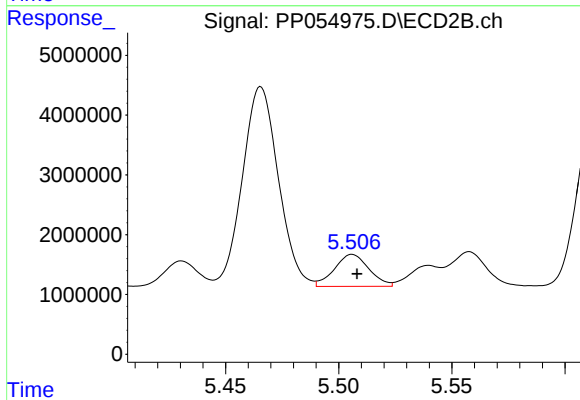
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 23969391
Conc: 434.01 ng/ml



#25 AR-1248-5

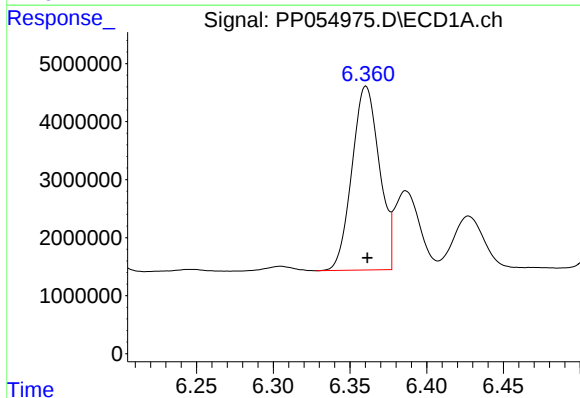
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 12423542
Conc: 168.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



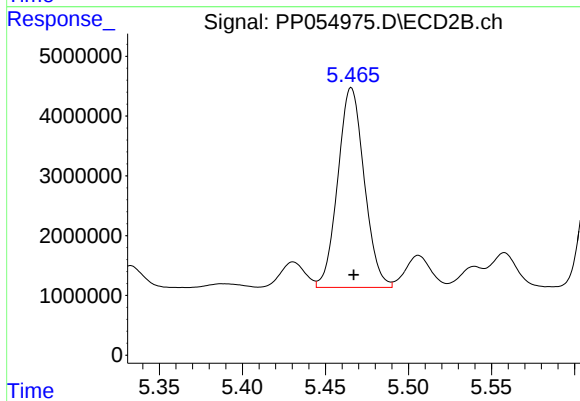
#25 AR-1248-5

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 5677449
Conc: 115.46 ng/ml



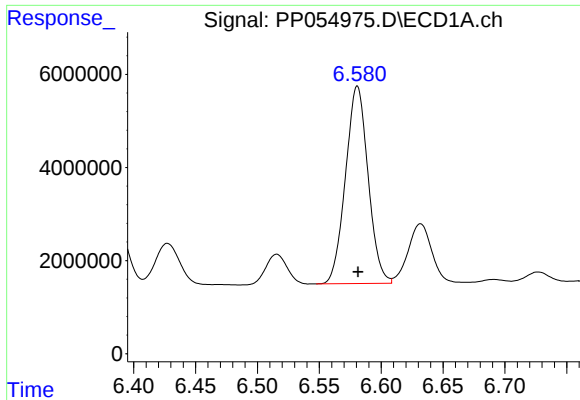
#26 AR-1254-1

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 39516962
Conc: 500.90 ng/ml



#26 AR-1254-1

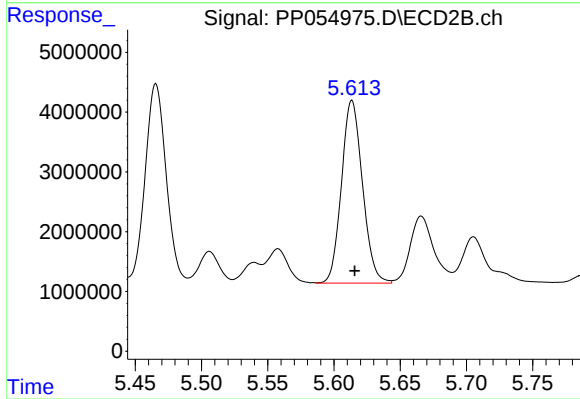
R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 36974869
Conc: 457.85 ng/ml



#27 AR-1254-2

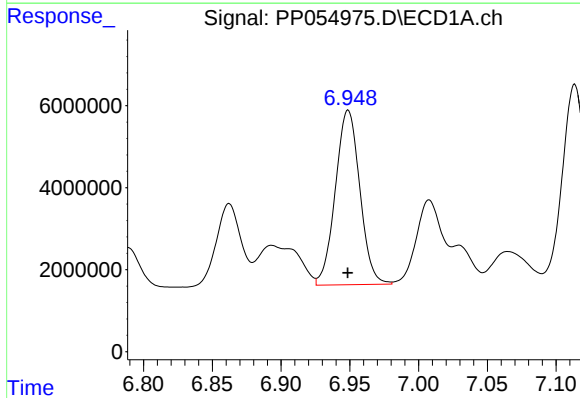
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 53866794
Conc: 445.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



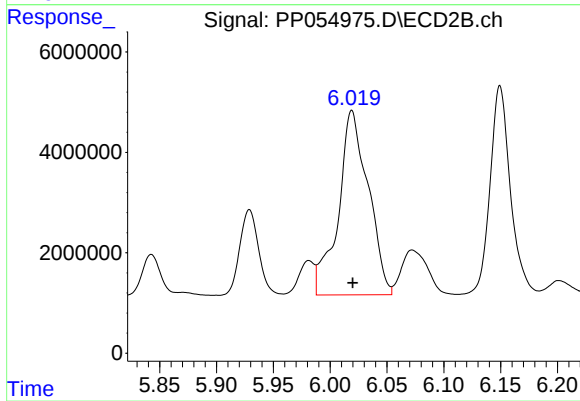
#27 AR-1254-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 33756224
Conc: 471.70 ng/ml



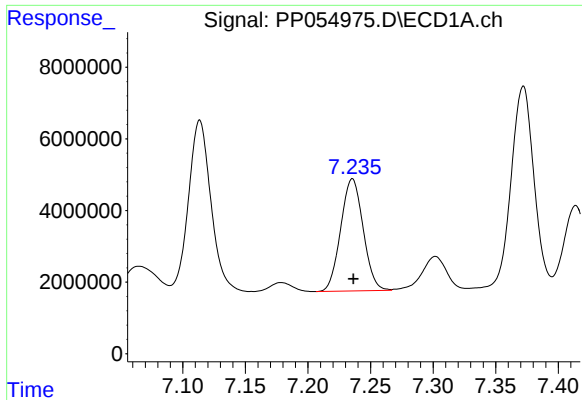
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 52733568
Conc: 430.51 ng/ml



#28 AR-1254-3

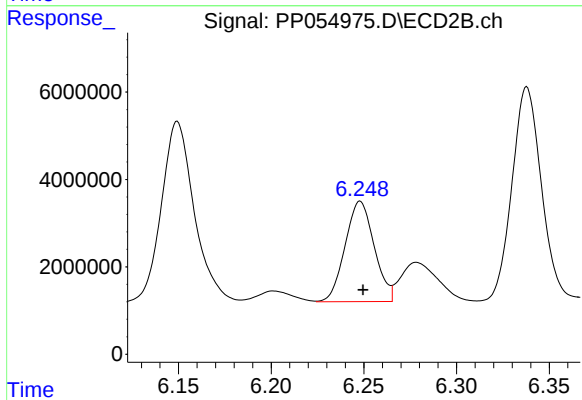
R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 67353701
Conc: 604.57 ng/ml



#29 AR-1254-4

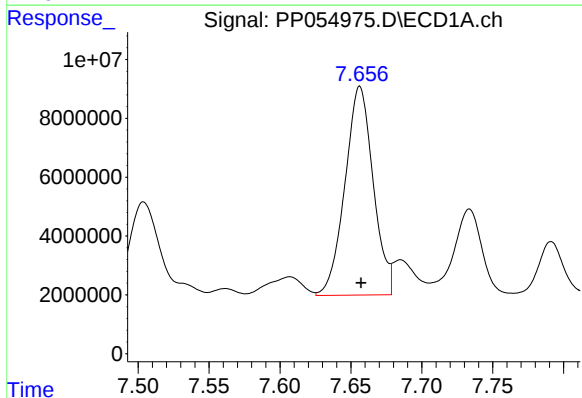
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 39109895
Conc: 443.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



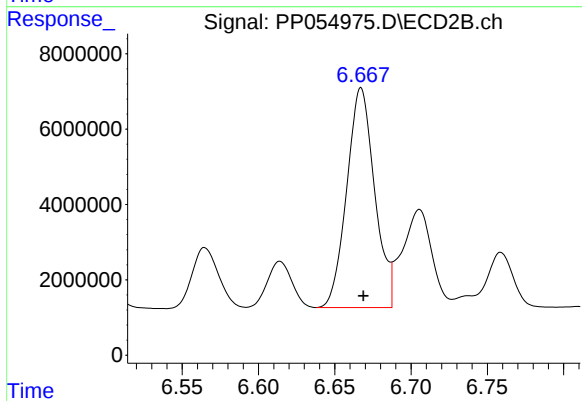
#29 AR-1254-4

R.T.: 6.248 min
Delta R.T.: -0.001 min
Response: 25083719
Conc: 407.82 ng/ml



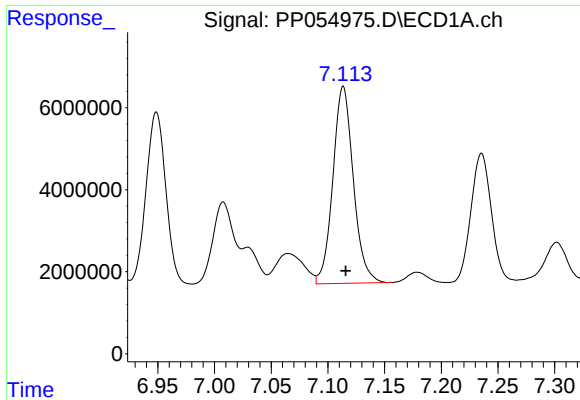
#30 AR-1254-5

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 98290810
Conc: 971.63 ng/ml



#30 AR-1254-5

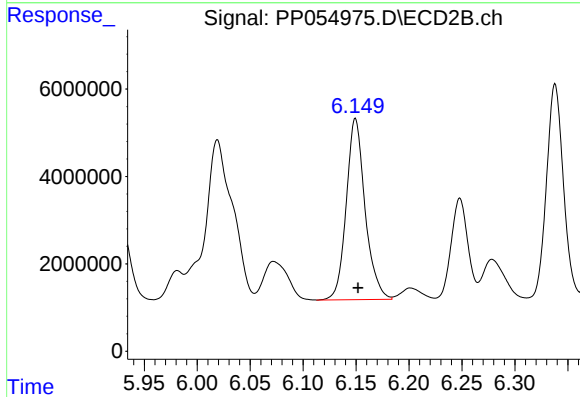
R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 74159270
Conc: 782.24 ng/ml



#31 AR-1260-1

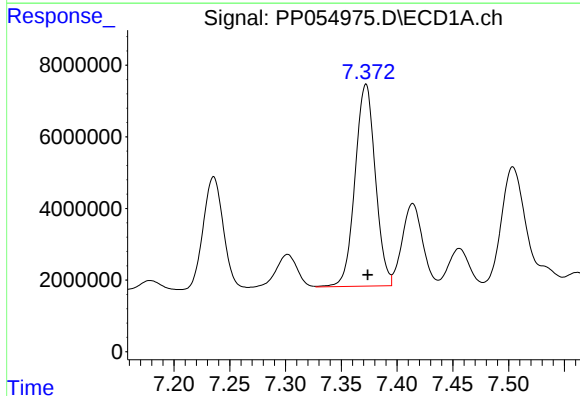
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 60341858
Conc: 633.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



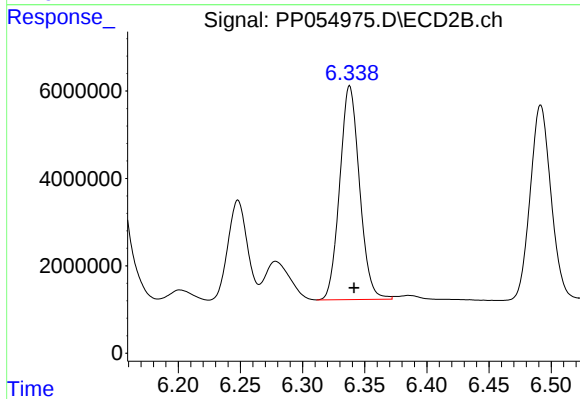
#31 AR-1260-1

R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 51388021
Conc: 662.69 ng/ml



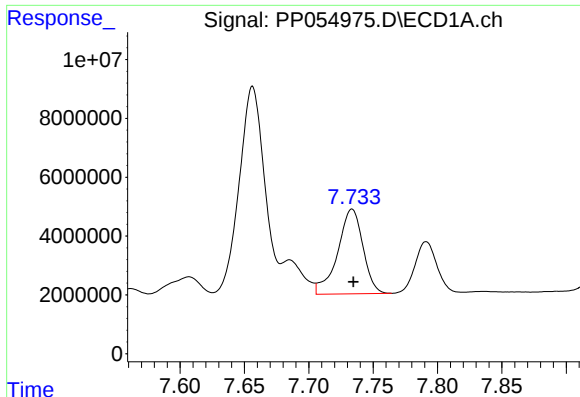
#32 AR-1260-2

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 71426112
Conc: 634.64 ng/ml



#32 AR-1260-2

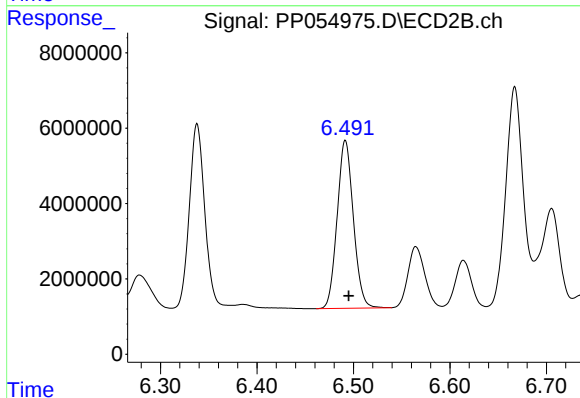
R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 54247838
Conc: 603.44 ng/ml



#33 AR-1260-3

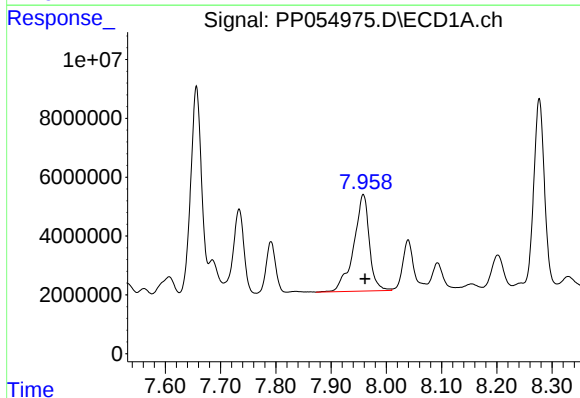
R.T.: 7.734 min
Delta R.T.: -0.001 min
Response: 39396373
Conc: 489.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



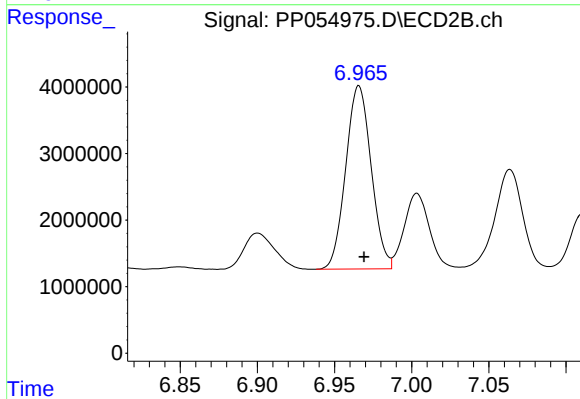
#33 AR-1260-3

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 52029200
Conc: 612.75 ng/ml



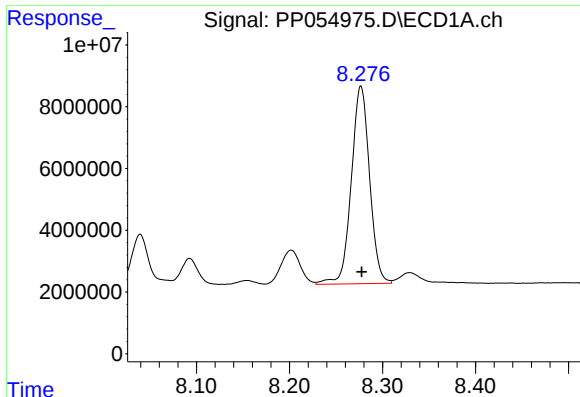
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: -0.003 min
Response: 64438418
Conc: 663.79 ng/ml



#34 AR-1260-4

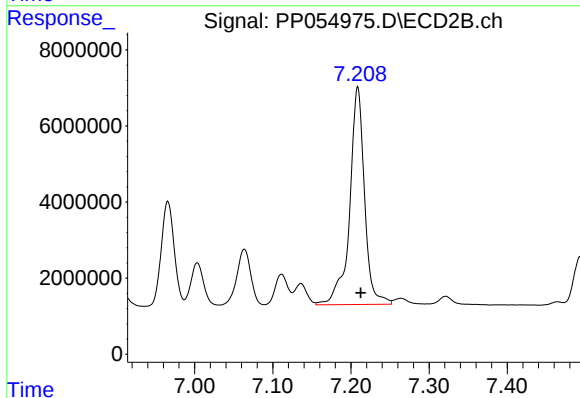
R.T.: 6.966 min
Delta R.T.: -0.003 min
Response: 31631830
Conc: 441.77 ng/ml



#35 AR-1260-5

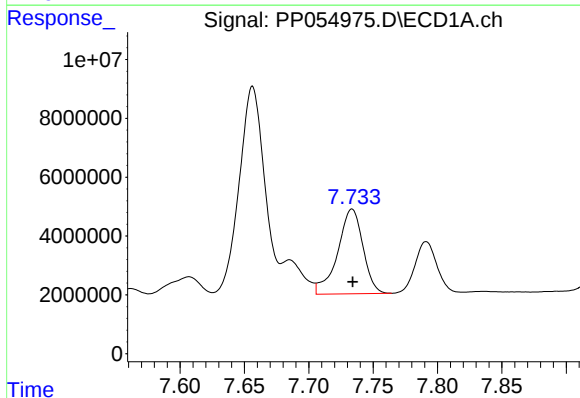
R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 87380321
Conc: 491.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



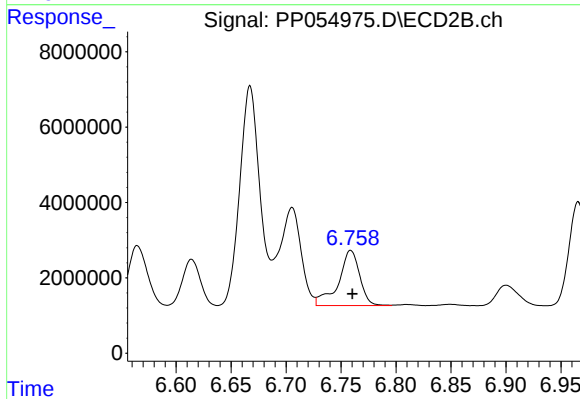
#35 AR-1260-5

R.T.: 7.209 min
Delta R.T.: -0.004 min
Response: 75830929
Conc: 493.25 ng/ml



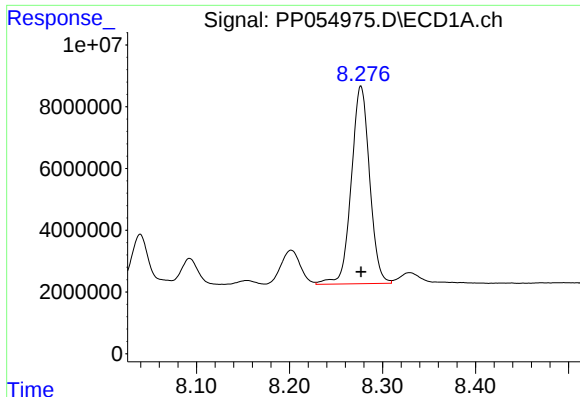
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 39396373
Conc: 333.92 ng/ml



#36 AR-1262-1

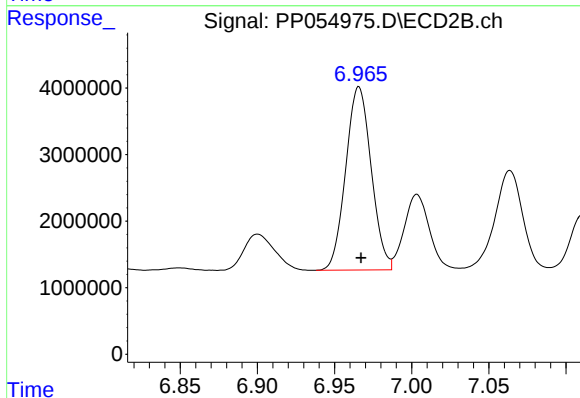
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 19811289
Conc: 461.14 ng/ml



#37 AR-1262-2

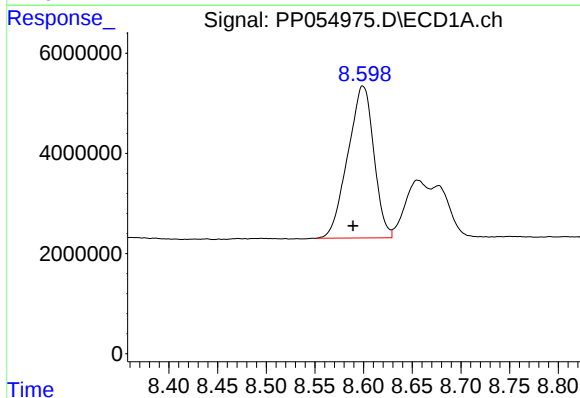
R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 87380321
Conc: 433.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



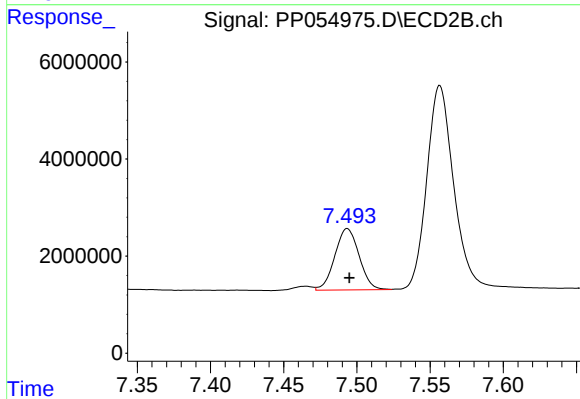
#37 AR-1262-2

R.T.: 6.966 min
Delta R.T.: -0.001 min
Response: 31631830
Conc: 341.51 ng/ml



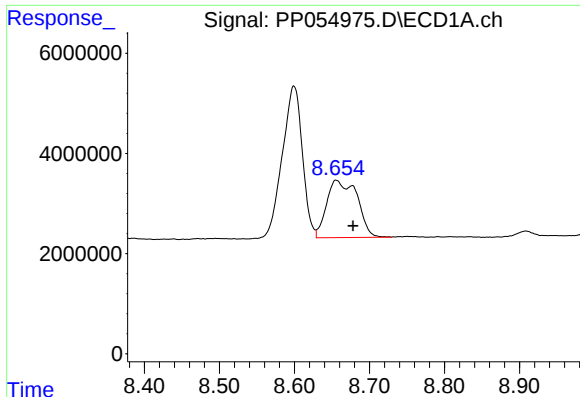
#38 AR-1262-3

R.T.: 8.599 min
Delta R.T.: 0.010 min
Response: 56468330
Conc: 406.04 ng/ml



#38 AR-1262-3

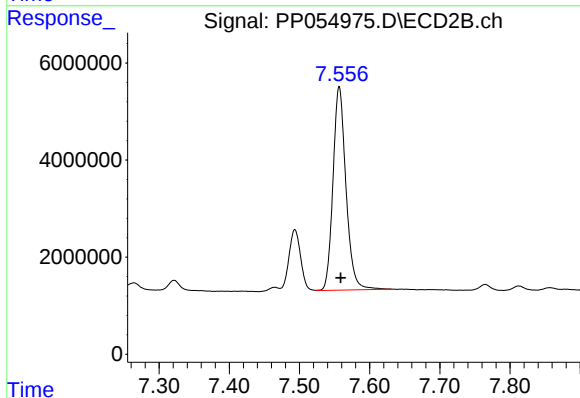
R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 14564152
Conc: 199.89 ng/ml



#39 AR-1262-4

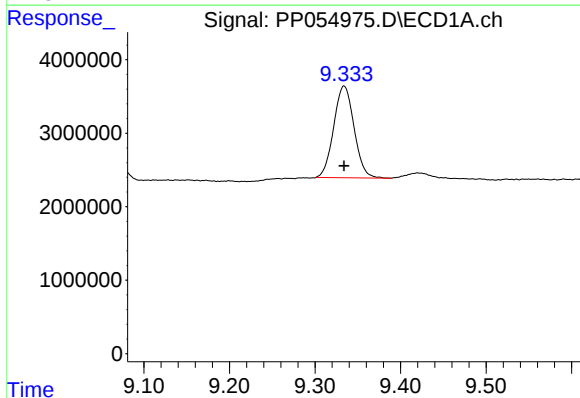
R.T.: 8.656 min
Delta R.T.: -0.022 min
Response: 32363638
Conc: 420.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



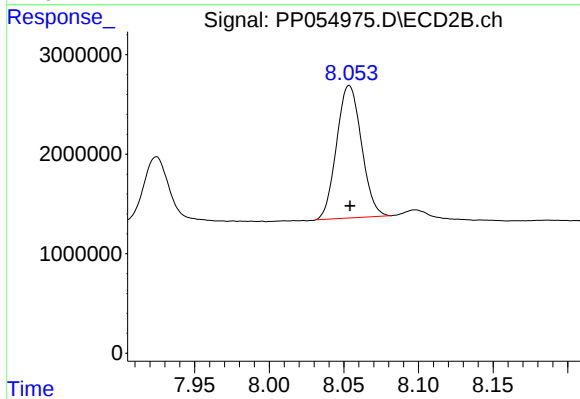
#39 AR-1262-4

R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 53782208
Conc: 411.24 ng/ml



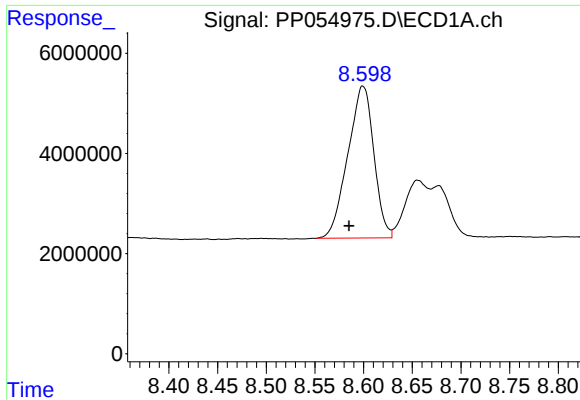
#40 AR-1262-5

R.T.: 9.334 min
Delta R.T.: 0.000 min
Response: 20641984
Conc: 288.62 ng/ml



#40 AR-1262-5

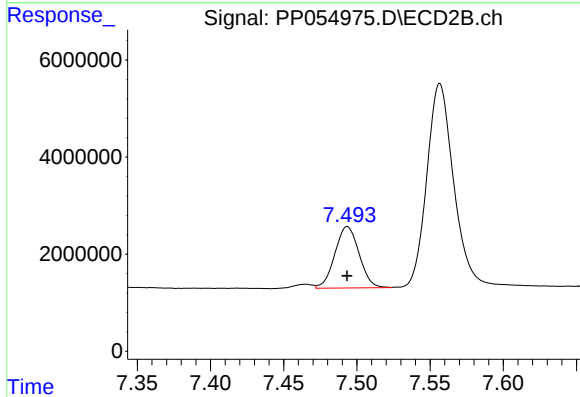
R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 15458276
Conc: 260.56 ng/ml



#41 AR-1268-1

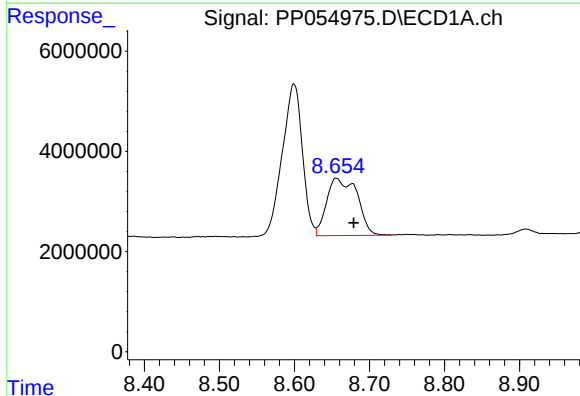
R.T.: 8.599 min
Delta R.T.: 0.014 min
Response: 56468330
Conc: 231.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



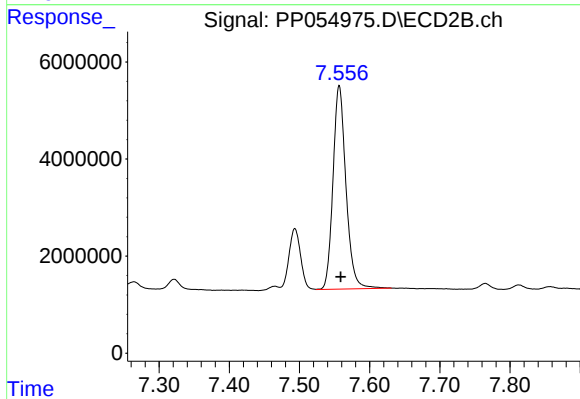
#41 AR-1268-1

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 14564152
Conc: 67.36 ng/ml



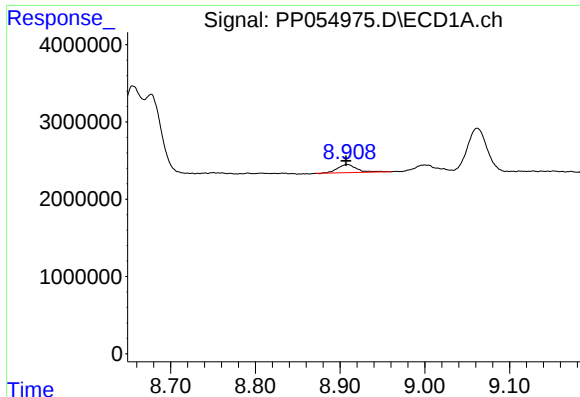
#42 AR-1268-2

R.T.: 8.656 min
Delta R.T.: -0.023 min
Response: 32363638
Conc: 142.49 ng/ml



#42 AR-1268-2

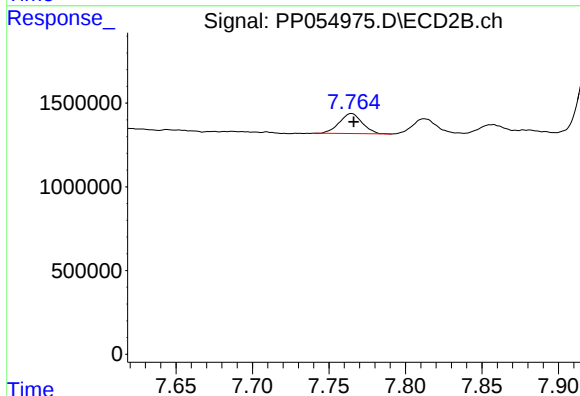
R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 53782208
Conc: 275.62 ng/ml



#43 AR-1268-3

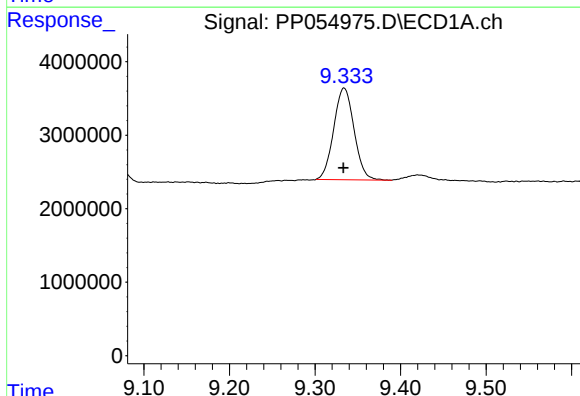
R.T.: 8.908 min
Delta R.T.: 0.001 min
Response: 1691677
Conc: 8.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



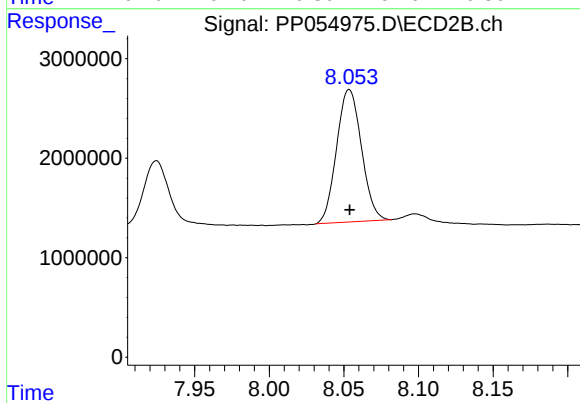
#43 AR-1268-3

R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 1255997
Conc: 7.31 ng/ml



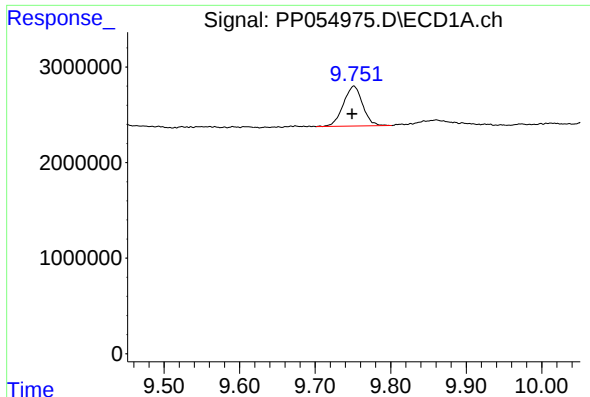
#44 AR-1268-4

R.T.: 9.334 min
Delta R.T.: 0.000 min
Response: 20641984
Conc: 262.80 ng/ml



#44 AR-1268-4

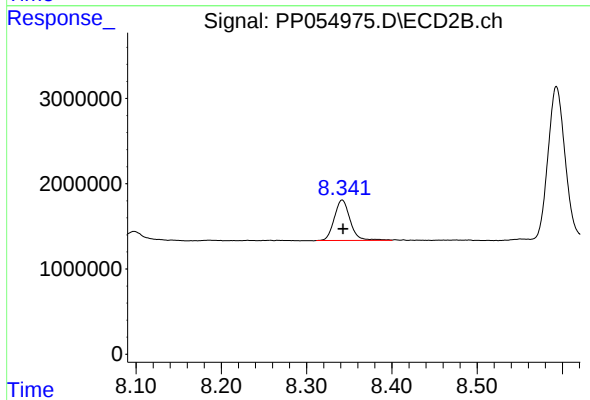
R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 15458276
Conc: 242.36 ng/ml



#45 AR-1268-5

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 7417336
Conc: 11.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: -0.001 min
Response: 6161470
Conc: 11.70 ng/ml