

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042723\
 Data File : PP057285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2023 17:30
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 21:25:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 27 04:11:22 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...	4.412	3.639	114.2E6	86587049	51.643	52.844
2)	SA Decachlor...	10.247	8.706	78176654	92235972	58.739	53.811
Target Compounds							
3)	L1 AR-1016-1	5.590	4.739	30763897	28626614	527.555	538.125
4)	L1 AR-1016-2	5.612	4.757	44936402	40407438	525.319	546.005
5)	L1 AR-1016-3	5.675	4.936	28502431	22280606	527.828	545.250
6)	L1 AR-1016-4	5.773	4.978	22625732	19904833	527.918	531.013
7)	L1 AR-1016-5	6.071	5.194	24621263	25658183	516.037	528.975
8)	L2 AR-1221-1	4.618	3.854	3821503	3111178	146.773	151.486
9)	L2 AR-1221-2	4.709	3.942	5569647	4557582	290.968	293.056
10)	L2 AR-1221-3	4.785	4.019	20101561	17104254	352.605	361.800
11)	L3 AR-1232-1	4.785	4.019	20101561	17104254	410.070	425.537
12)	L3 AR-1232-2	5.320	4.757	27088432	40407438	1072.785	1122.854
13)	L3 AR-1232-3	5.612	4.936	44936402	22280606	1095.602	1152.040
14)	L3 AR-1232-4	5.773	5.020	22625732	24352442	1110.708	1201.681
15)	L3 AR-1232-5	5.866	5.194	22403210	25658183	1140.379	1158.739
16)	L4 AR-1242-1	5.590	4.739	30763897	28626614	625.571	635.999
17)	L4 AR-1242-2	5.612	4.757	44936402	40407438	630.366	651.006
18)	L4 AR-1242-3	5.675	4.936	28502431	22280606	636.029	644.616
19)	L4 AR-1242-4	5.773	5.020	22625732	24352442	628.667	620.419
20)	L4 AR-1242-5	6.517	5.549	5631764	25127999	178.106	575.443 #
21)	L5 AR-1248-1	5.590	4.739	30763897	28626614	835.788	837.639
22)	L5 AR-1248-2	5.866	4.978	22403210	19904833	353.575	359.224
23)	L5 AR-1248-3	6.071	5.020	24621263	24352442	371.896	422.866
24)	L5 AR-1248-4	6.451f	5.194	27317731	25658183	486.023	387.838
25)	L5 AR-1248-5	6.517	5.590	5631764	5572957	103.210	97.935
26)	L6 AR-1254-1	6.451	5.549	27317731	25127999	363.290	250.856 #
27)	L6 AR-1254-2	6.671	5.697	17655443	18607457	167.661	211.427 #
28)	L6 AR-1254-3	7.040	6.120	7442210	34803686	76.253	253.937 #
29)	L6 AR-1254-4	7.328	6.335	5126505	2122558	87.381	28.162 #
30)	L6 AR-1254-5	7.748	6.755	52666202	60526848	832.908	523.150 #
31)	L7 AR-1260-1	7.206	6.236	45780626	52981049	529.106	508.770
32)	L7 AR-1260-2	7.465	6.425	45534744	59391345	553.650	518.953
33)	L7 AR-1260-3	7.827	6.580	37509463	57362926	556.151	508.567
34)	L7 AR-1260-4	8.054	7.055	42411100	48109194	560.930	522.418
35)	L7 AR-1260-5	8.379	7.297	69254244	91580711	594.605	510.637
36)	L8 AR-1262-1	7.827	6.847	37509463	27427419	411.860	507.578
37)	L8 AR-1262-2	8.379	7.055	69254244	48109194	555.692	429.084
38)	L8 AR-1262-3	8.709	7.583	41116794	22920608	463.368	288.845 #
39)	L8 AR-1262-4	8.789	7.647	20040812	70938824	307.166	479.822 #
40)	L8 AR-1262-5	9.464	8.145	16704520	23627583	421.569	362.518
41)	L9 AR-1268-1	8.709	7.583	41116794	22920608	232.068	92.170 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

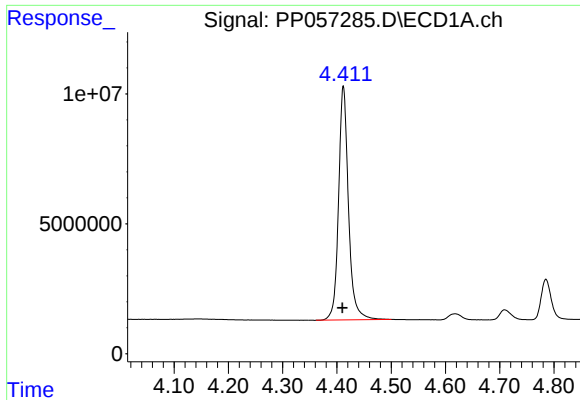
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 21:25:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042623.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	8.789	7.647	20040812	70938824	139.007	311.183 #
43) L9	AR-1268-3	9.029	7.857	1099912	1596688	7.013	7.486
44) L9	AR-1268-4	9.464	8.145	16704520	23627583	359.318	315.302
45) L9	AR-1268-5	9.895	8.444	5570926	7392003	14.240	13.547

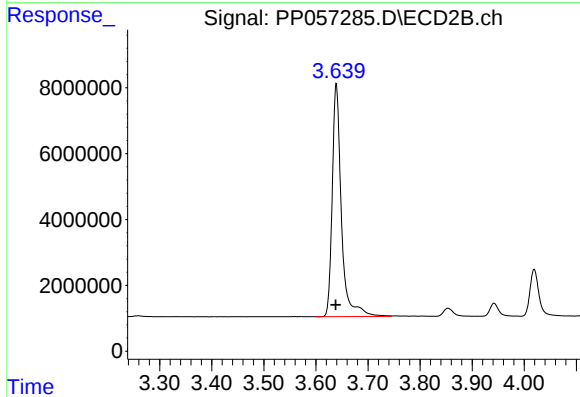
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

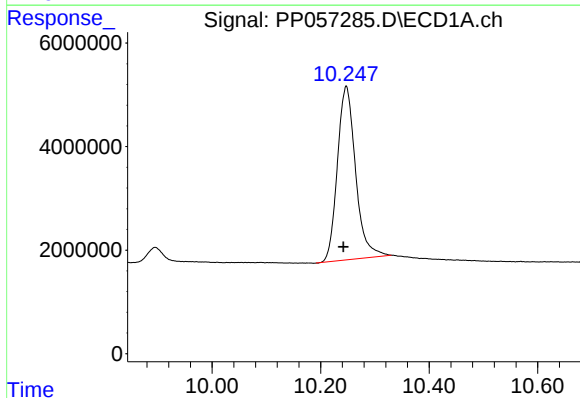
R.T.: 4.412 min
Delta R.T.: 0.002 min
Response: 114203322
Conc: 51.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



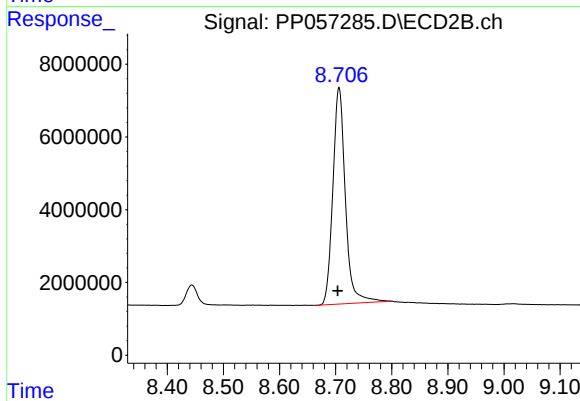
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.001 min
Response: 86587049
Conc: 52.84 ng/ml



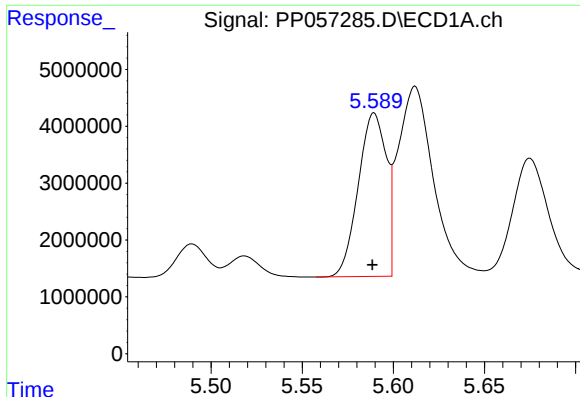
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: 0.005 min
Response: 78176654
Conc: 58.74 ng/ml



#2 Decachlorobiphenyl

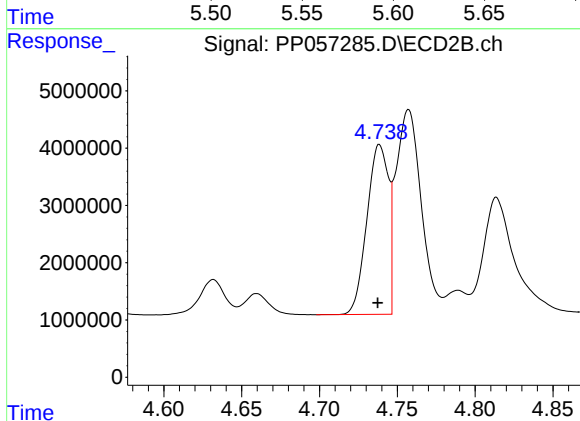
R.T.: 8.706 min
Delta R.T.: 0.002 min
Response: 92235972
Conc: 53.81 ng/ml



#3 AR-1016-1

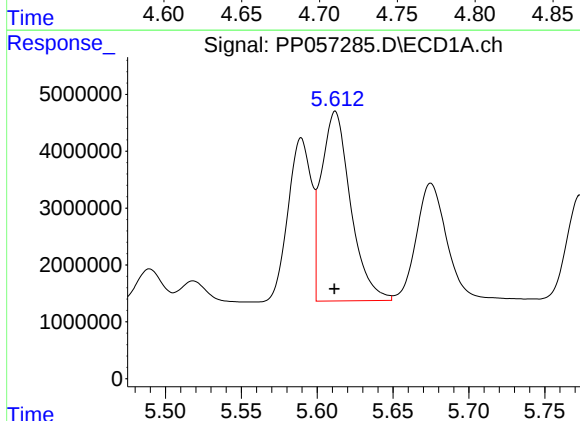
R.T.: 5.590 min
Delta R.T.: 0.001 min
Response: 30763897
Conc: 527.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



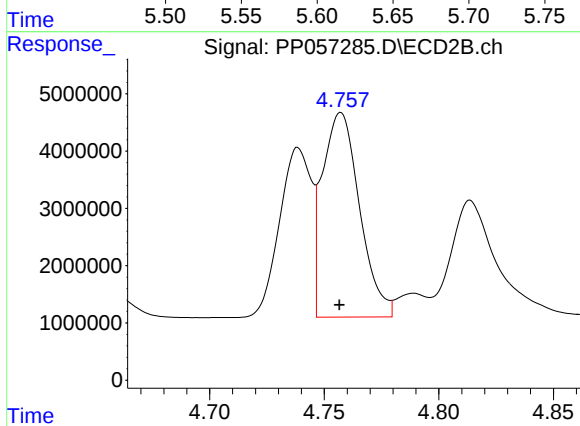
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: 0.001 min
Response: 28626614
Conc: 538.12 ng/ml



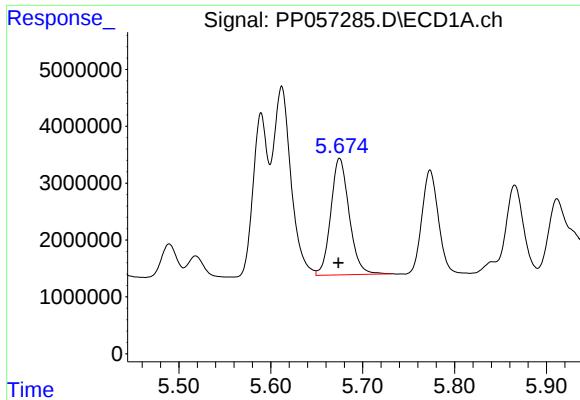
#4 AR-1016-2

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 44936402
Conc: 525.32 ng/ml



#4 AR-1016-2

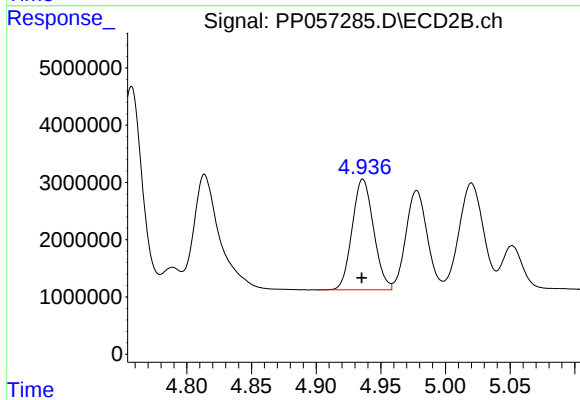
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 40407438
Conc: 546.00 ng/ml



#5 AR-1016-3

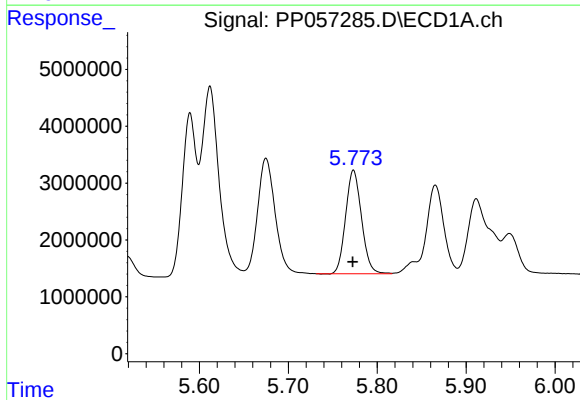
R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 28502431
Conc: 527.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



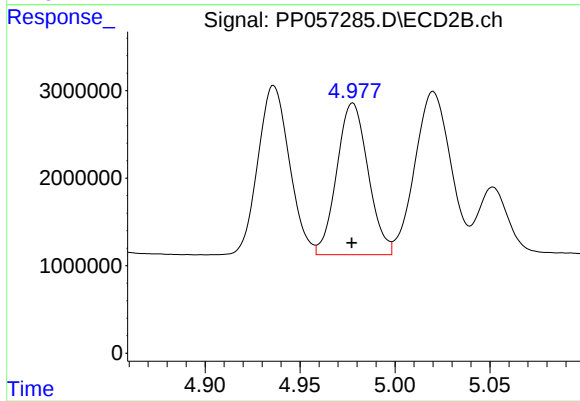
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 22280606
Conc: 545.25 ng/ml



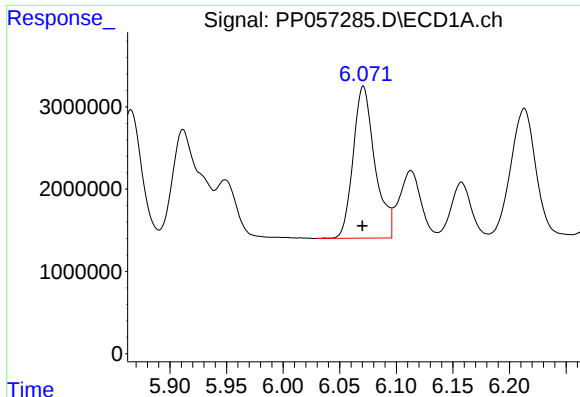
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: 0.001 min
Response: 22625732
Conc: 527.92 ng/ml



#6 AR-1016-4

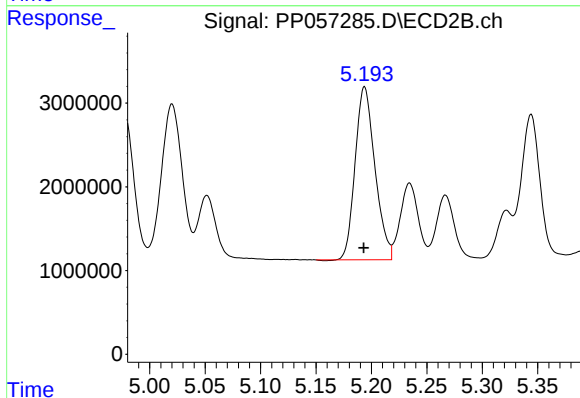
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 19904833
Conc: 531.01 ng/ml



#7 AR-1016-5

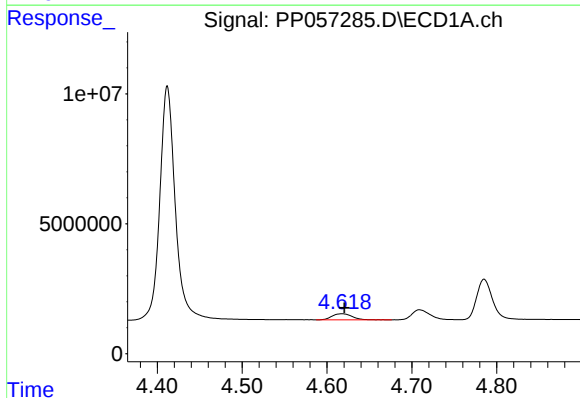
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 24621263
Conc: 516.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



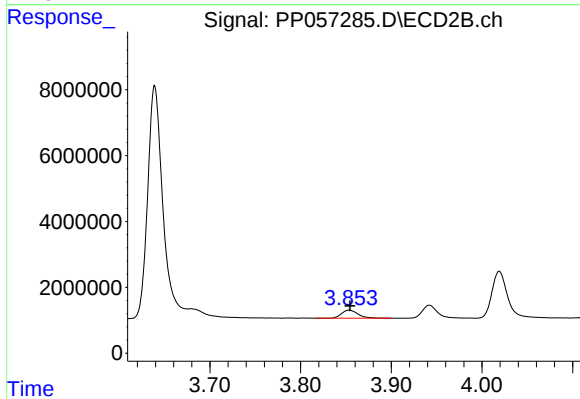
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 25658183
Conc: 528.97 ng/ml



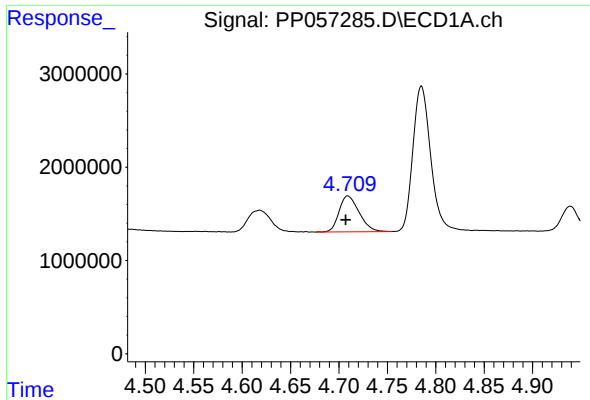
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 3821503
Conc: 146.77 ng/ml



#8 AR-1221-1

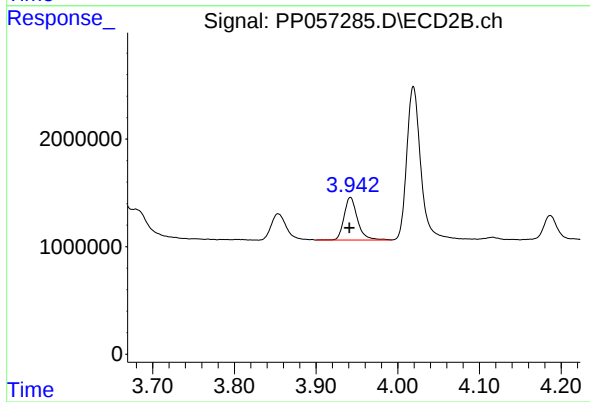
R.T.: 3.854 min
Delta R.T.: 0.000 min
Response: 3111178
Conc: 151.49 ng/ml



#9 AR-1221-2

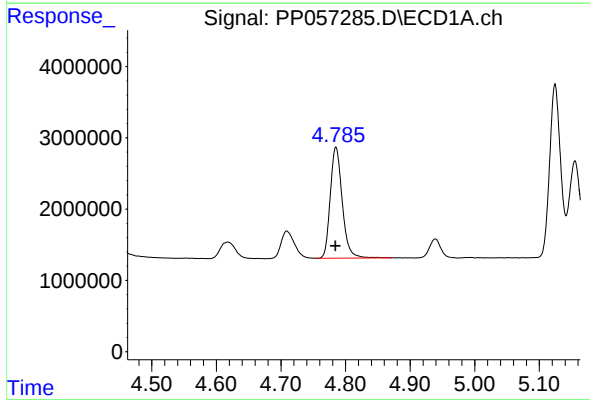
R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 5569647
Conc: 290.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



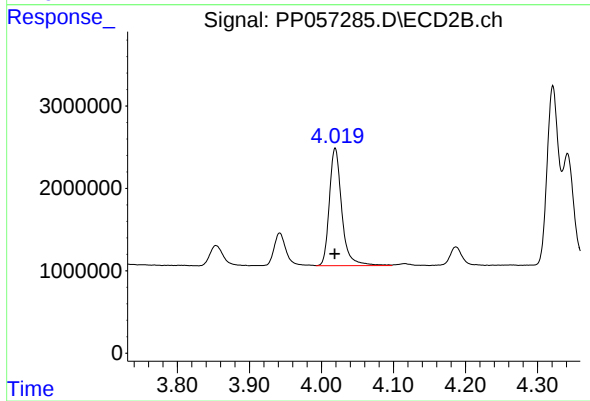
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: 0.001 min
Response: 4557582
Conc: 293.06 ng/ml



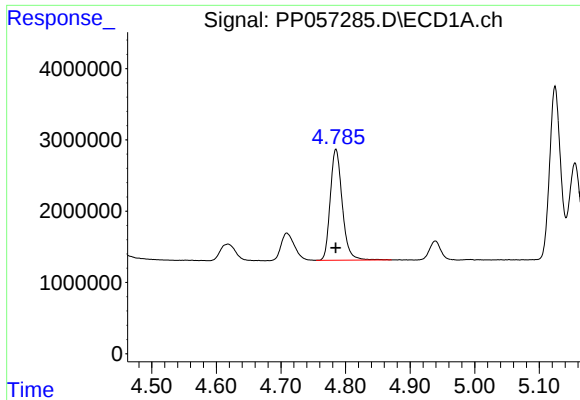
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 20101561
Conc: 352.60 ng/ml



#10 AR-1221-3

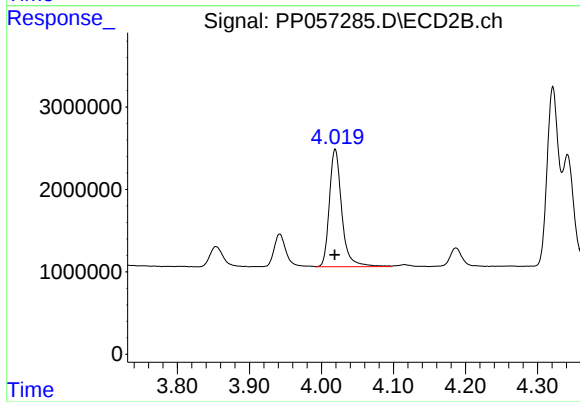
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 17104254
Conc: 361.80 ng/ml



#11 AR-1232-1

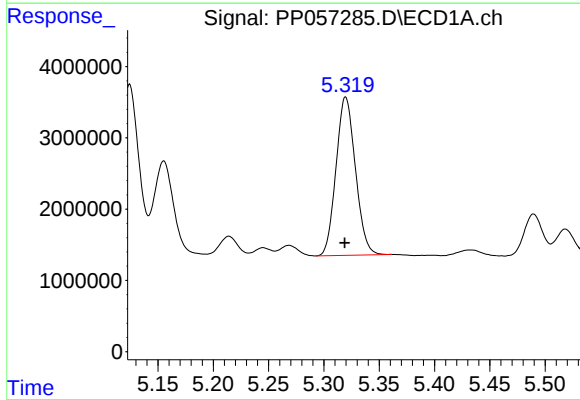
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 20101561
Conc: 410.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



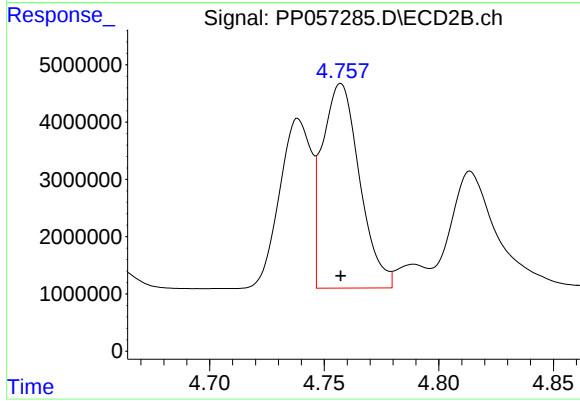
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 17104254
Conc: 425.54 ng/ml



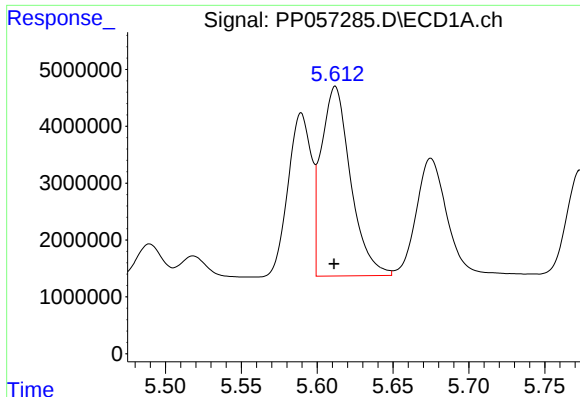
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 27088432
Conc: 1072.79 ng/ml



#12 AR-1232-2

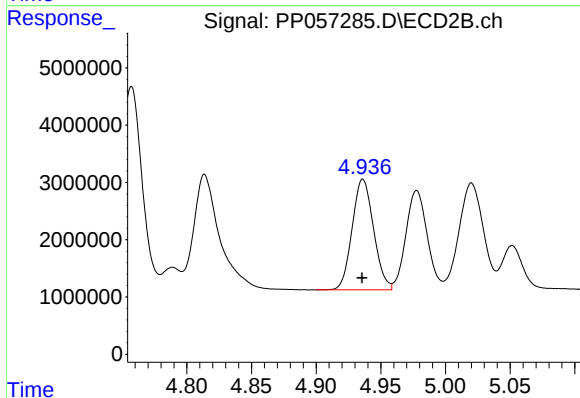
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 40407438
Conc: 1122.85 ng/ml



#13 AR-1232-3

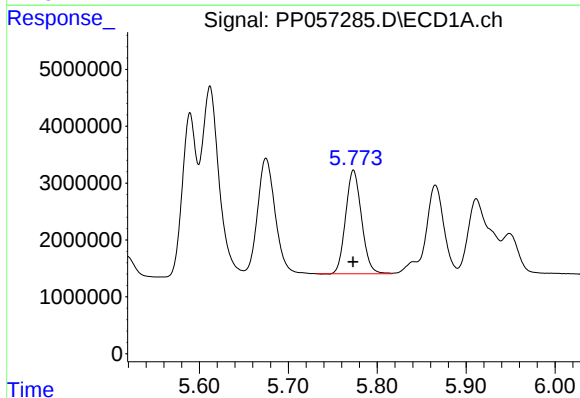
R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 44936402
Conc: 1095.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



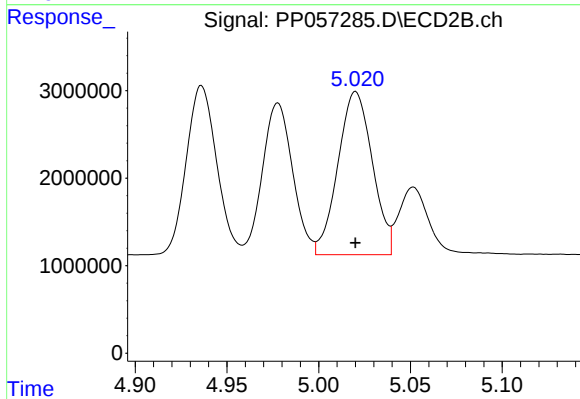
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 22280606
Conc: 1152.04 ng/ml



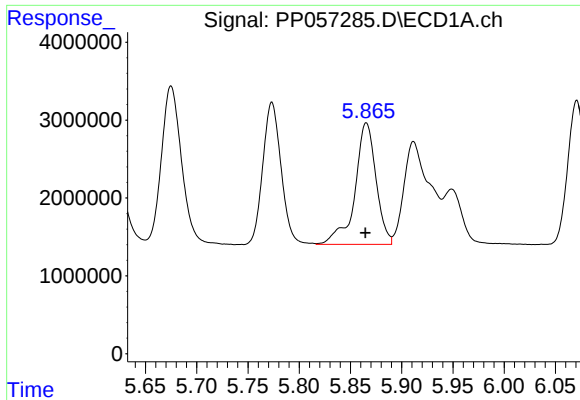
#14 AR-1232-4

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 22625732
Conc: 1110.71 ng/ml



#14 AR-1232-4

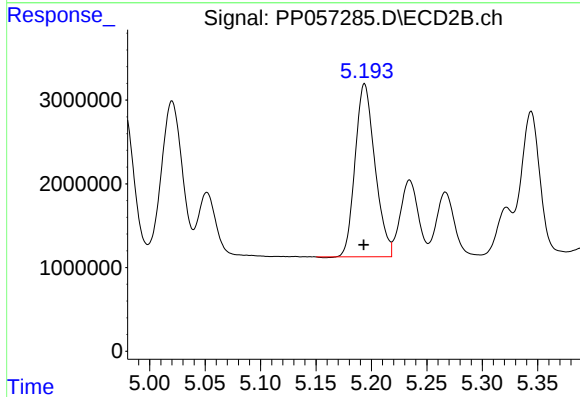
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 24352442
Conc: 1201.68 ng/ml



#15 AR-1232-5

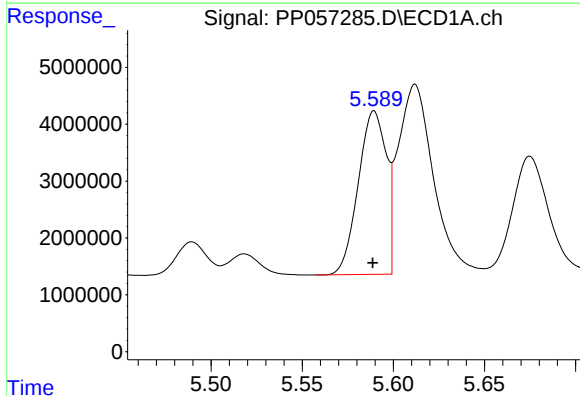
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 22403210
Conc: 1140.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



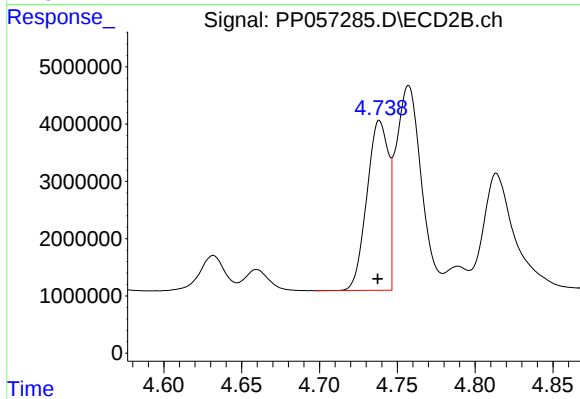
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 25658183
Conc: 1158.74 ng/ml



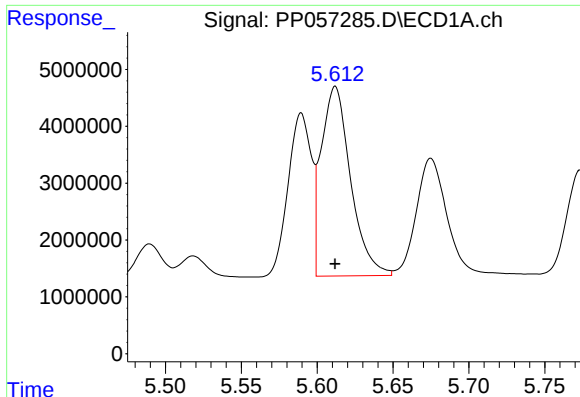
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 30763897
Conc: 625.57 ng/ml



#16 AR-1242-1

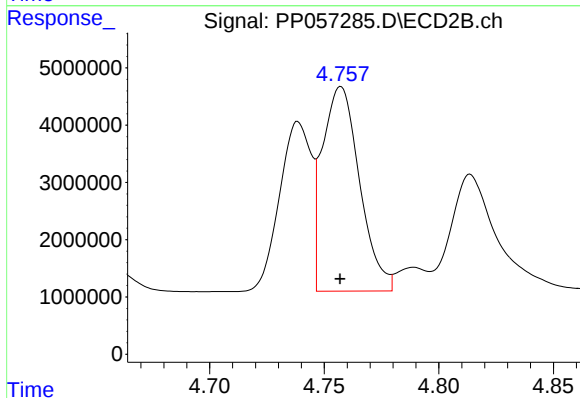
R.T.: 4.739 min
Delta R.T.: 0.001 min
Response: 28626614
Conc: 636.00 ng/ml



#17 AR-1242-2

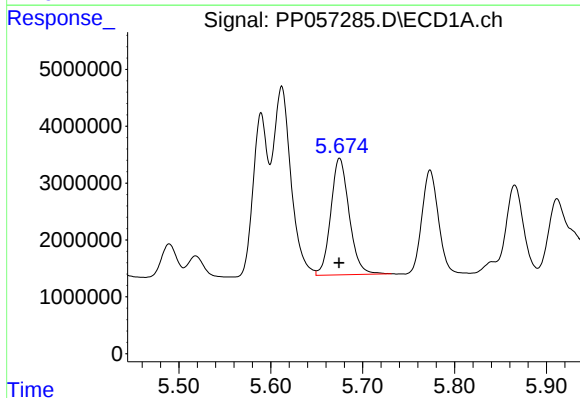
R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 44936402
Conc: 630.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



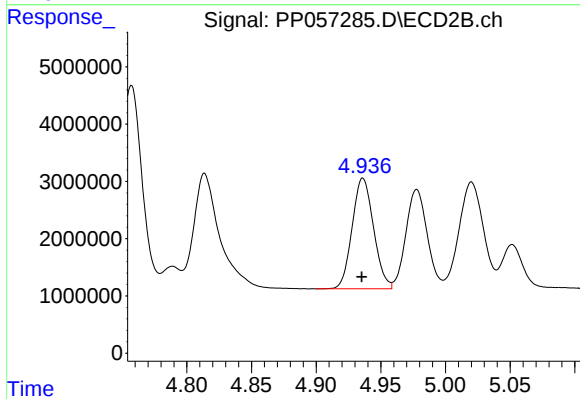
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 40407438
Conc: 651.01 ng/ml



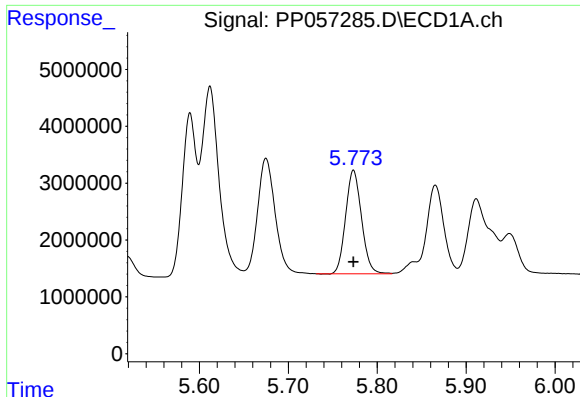
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 28502431
Conc: 636.03 ng/ml



#18 AR-1242-3

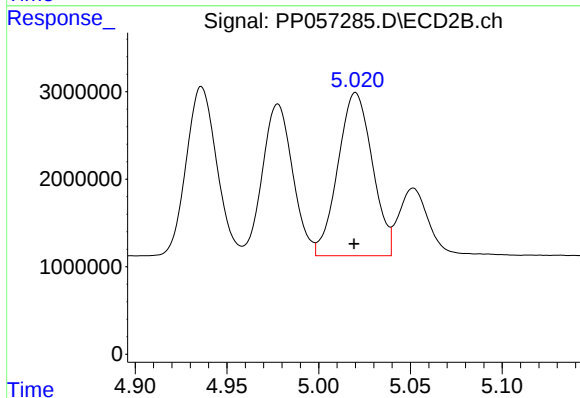
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 22280606
Conc: 644.62 ng/ml



#19 AR-1242-4

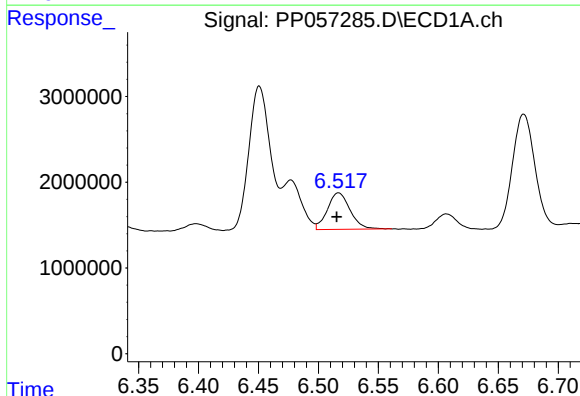
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 22625732
Conc: 628.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



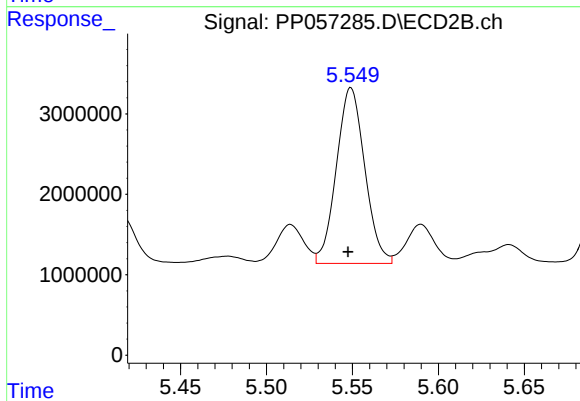
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 24352442
Conc: 620.42 ng/ml



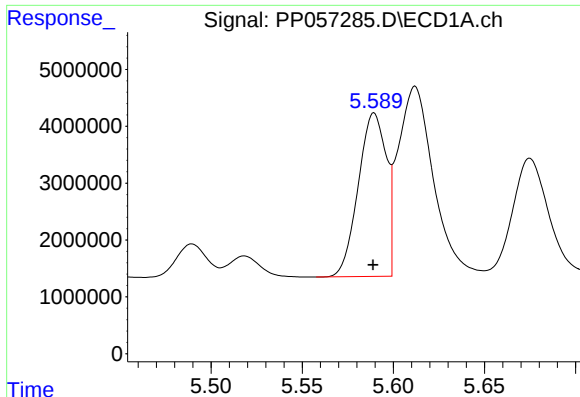
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: 0.002 min
Response: 5631764
Conc: 178.11 ng/ml



#20 AR-1242-5

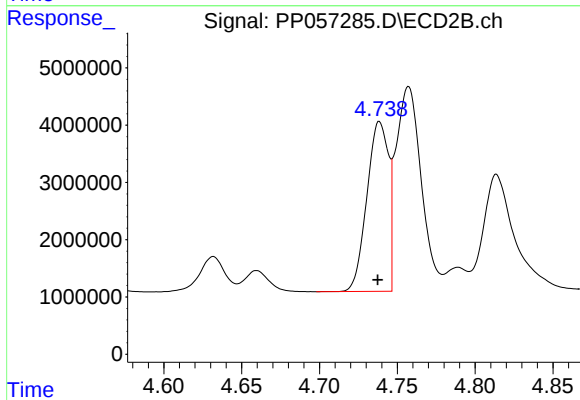
R.T.: 5.549 min
Delta R.T.: 0.002 min
Response: 25127999
Conc: 575.44 ng/ml



#21 AR-1248-1

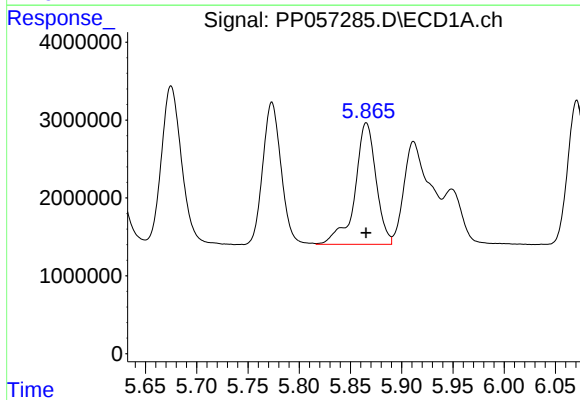
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 30763897
Conc: 835.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



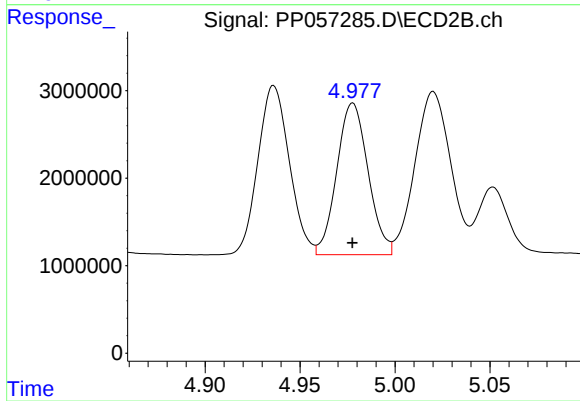
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: 0.001 min
Response: 28626614
Conc: 837.64 ng/ml



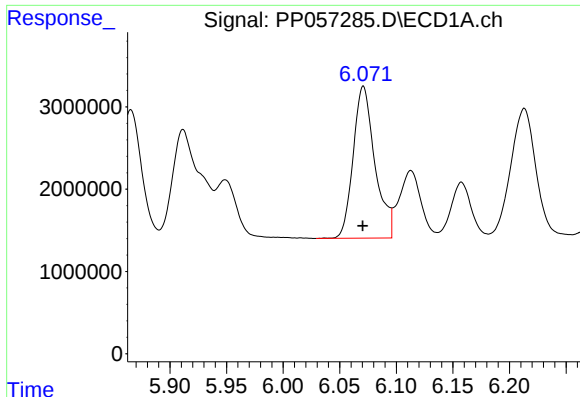
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 22403210
Conc: 353.58 ng/ml



#22 AR-1248-2

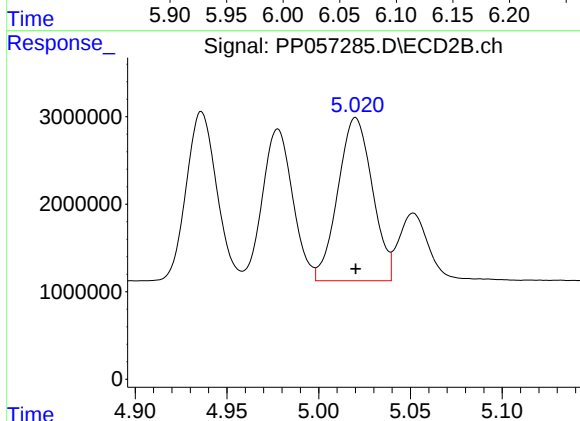
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 19904833
Conc: 359.22 ng/ml



#23 AR-1248-3

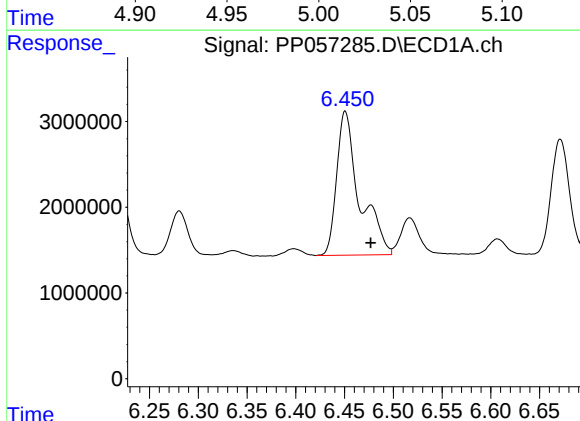
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 24621263
Conc: 371.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



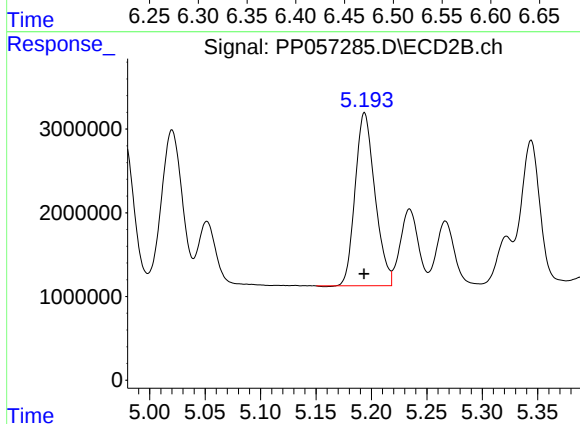
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 24352442
Conc: 422.87 ng/ml



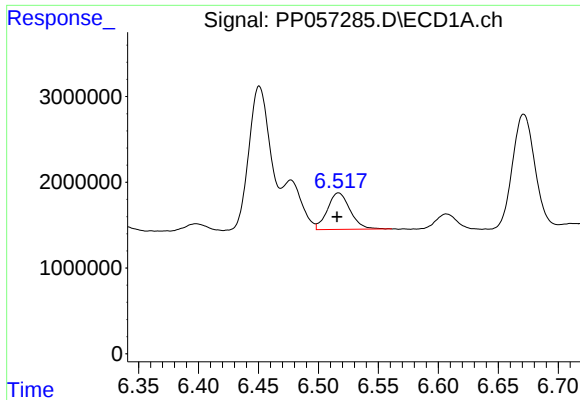
#24 AR-1248-4

R.T.: 6.451 min
Delta R.T.: -0.026 min
Response: 27317731
Conc: 486.02 ng/ml



#24 AR-1248-4

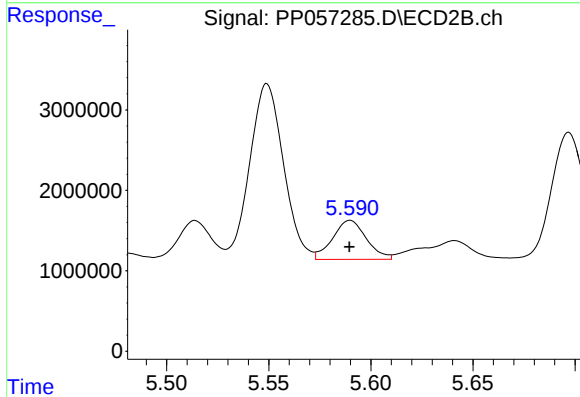
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 25658183
Conc: 387.84 ng/ml



#25 AR-1248-5

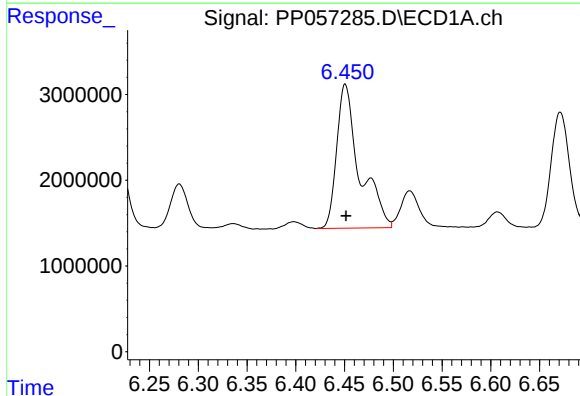
R.T.: 6.517 min
Delta R.T.: 0.001 min
Response: 5631764
Conc: 103.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



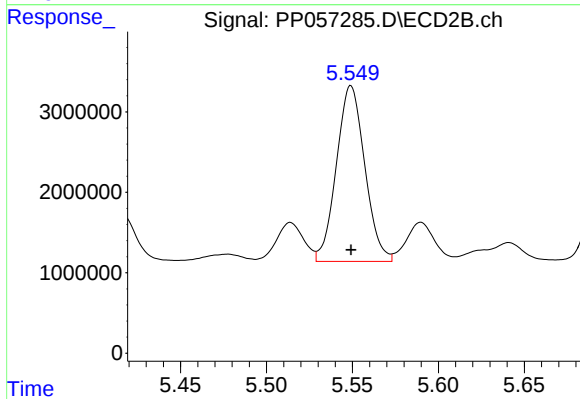
#25 AR-1248-5

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 5572957
Conc: 97.93 ng/ml



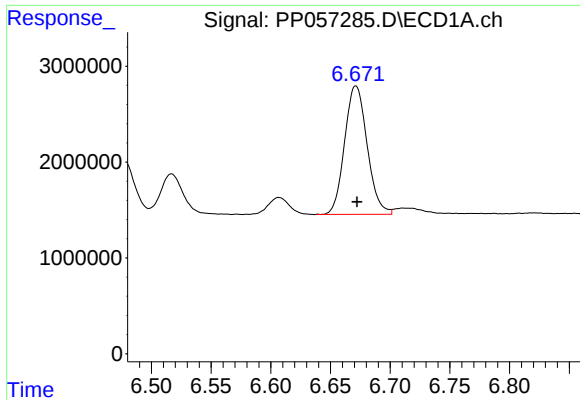
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 27317731
Conc: 363.29 ng/ml



#26 AR-1254-1

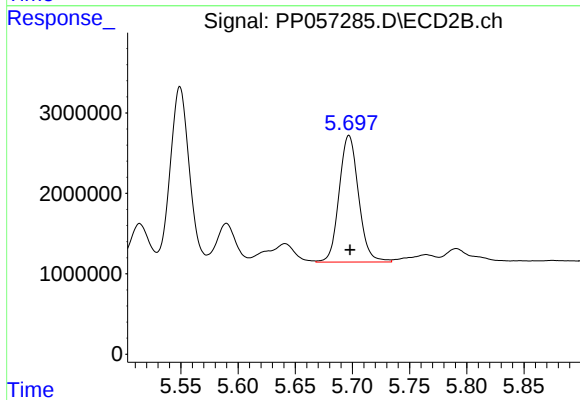
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 25127999
Conc: 250.86 ng/ml



#27 AR-1254-2

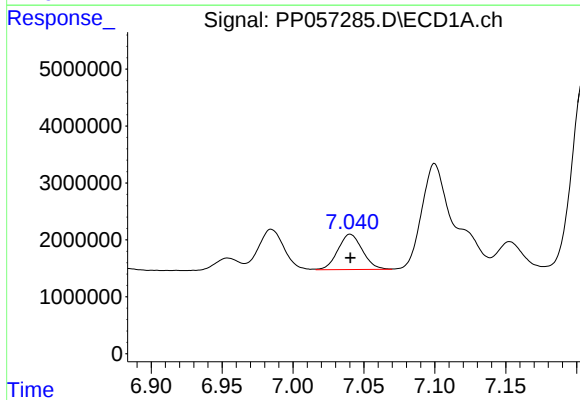
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 17655443
Conc: 167.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



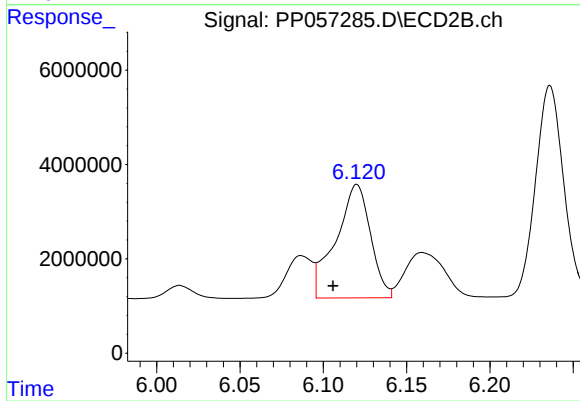
#27 AR-1254-2

R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 18607457
Conc: 211.43 ng/ml



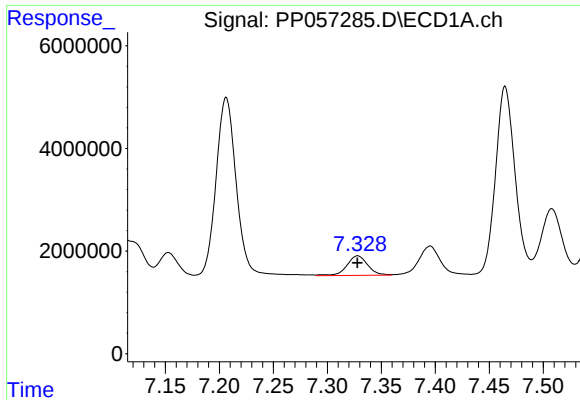
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 7442210
Conc: 76.25 ng/ml



#28 AR-1254-3

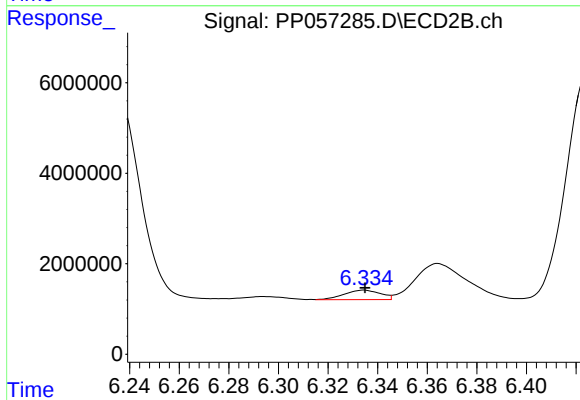
R.T.: 6.120 min
Delta R.T.: 0.014 min
Response: 34803686
Conc: 253.94 ng/ml



#29 AR-1254-4

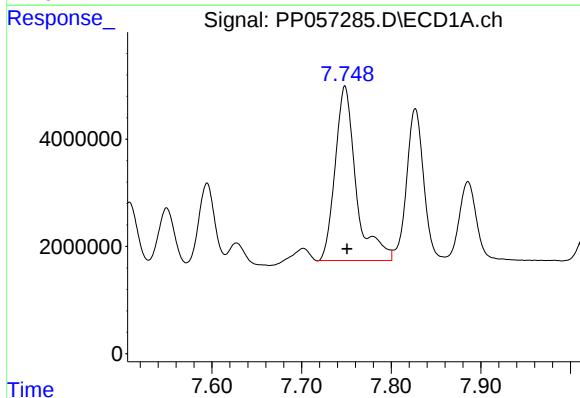
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 5126505
Conc: 87.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



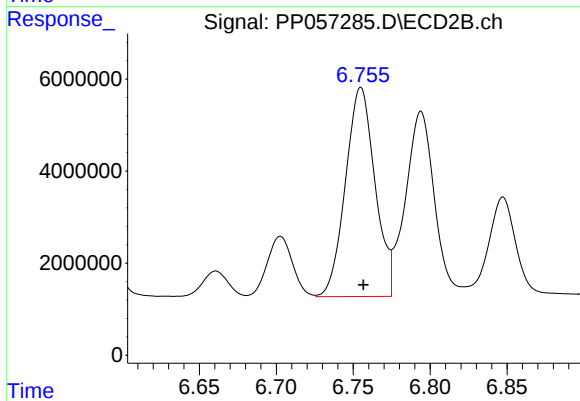
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 2122558
Conc: 28.16 ng/ml



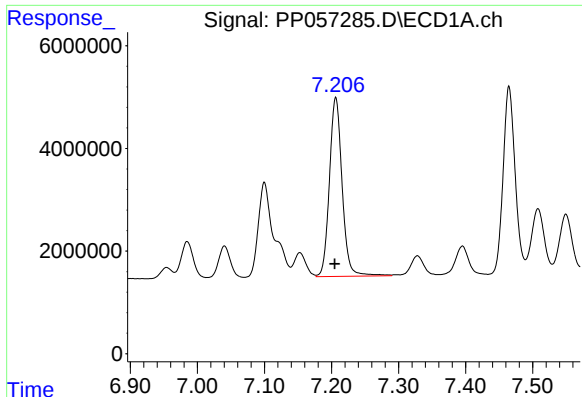
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: -0.002 min
Response: 52666202
Conc: 832.91 ng/ml



#30 AR-1254-5

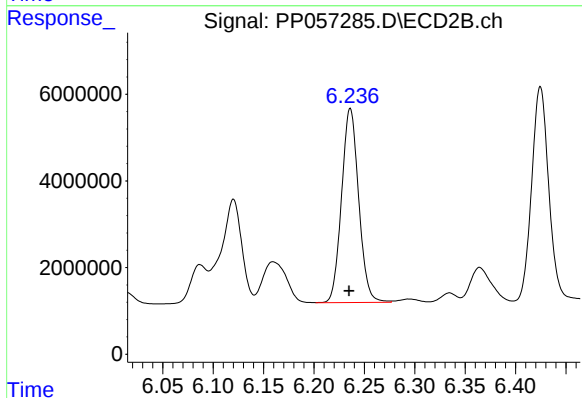
R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 60526848
Conc: 523.15 ng/ml



#31 AR-1260-1

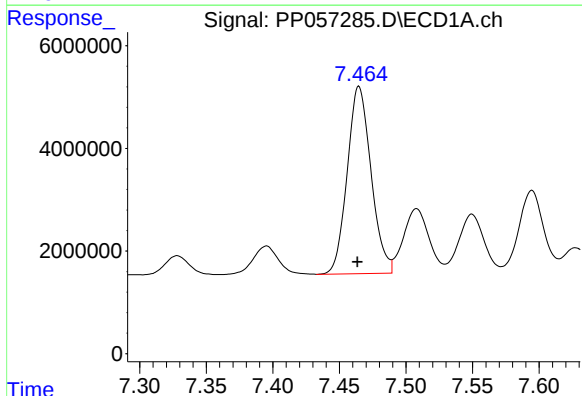
R.T.: 7.206 min
Delta R.T.: 0.001 min
Response: 45780626
Conc: 529.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



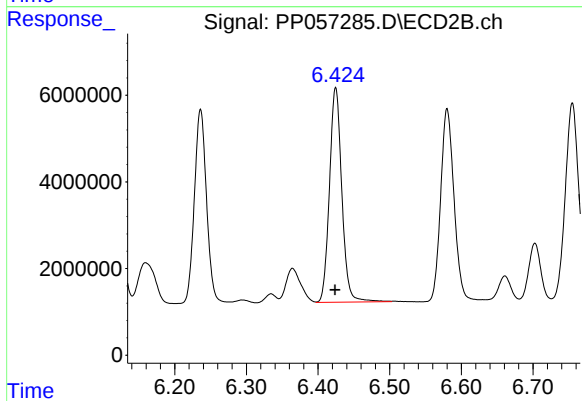
#31 AR-1260-1

R.T.: 6.236 min
Delta R.T.: 0.001 min
Response: 52981049
Conc: 508.77 ng/ml



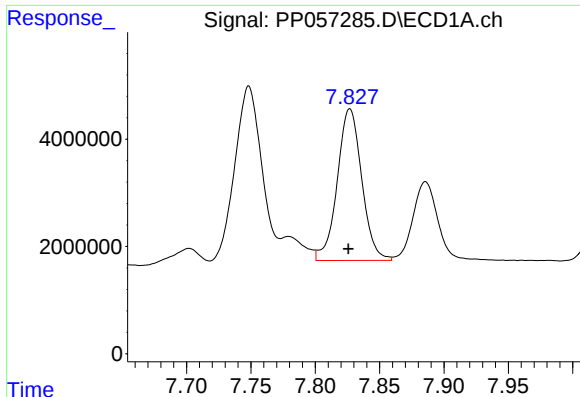
#32 AR-1260-2

R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 45534744
Conc: 553.65 ng/ml



#32 AR-1260-2

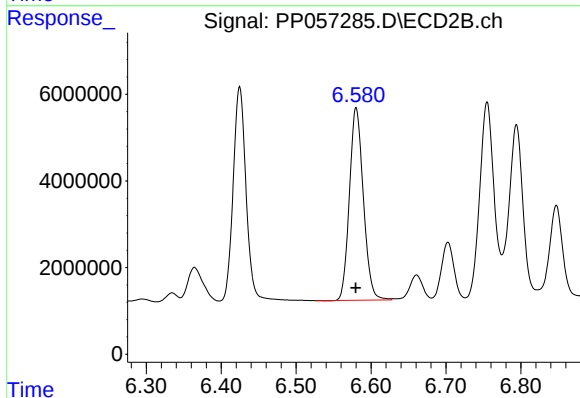
R.T.: 6.425 min
Delta R.T.: 0.001 min
Response: 59391345
Conc: 518.95 ng/ml



#33 AR-1260-3

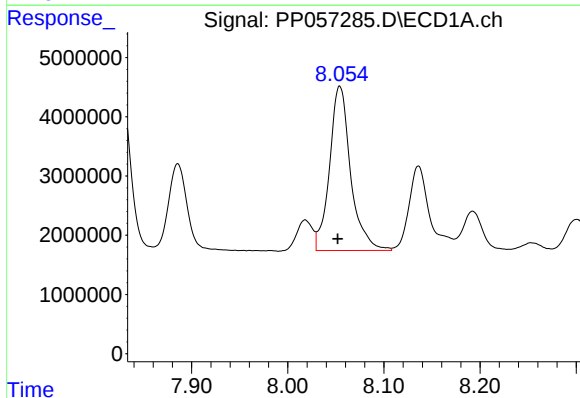
R.T.: 7.827 min
Delta R.T.: 0.001 min
Response: 37509463
Conc: 556.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



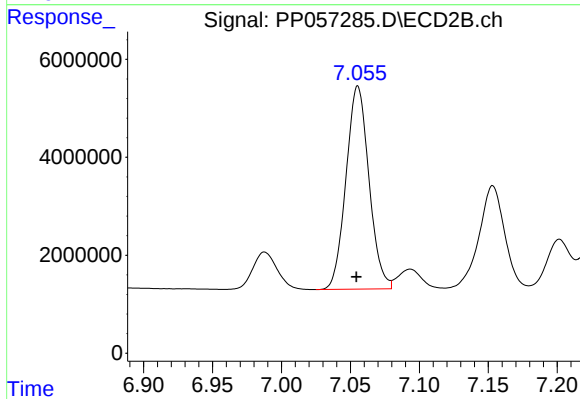
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 57362926
Conc: 508.57 ng/ml



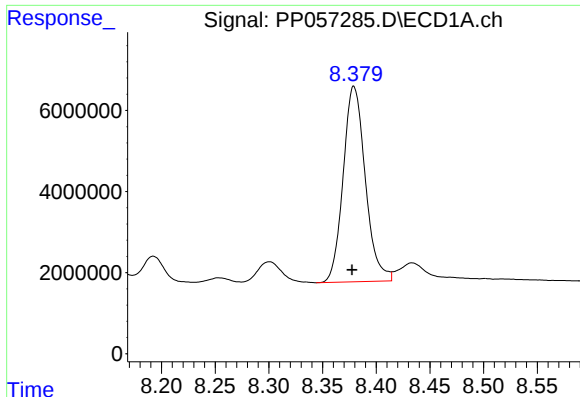
#34 AR-1260-4

R.T.: 8.054 min
Delta R.T.: 0.002 min
Response: 42411100
Conc: 560.93 ng/ml



#34 AR-1260-4

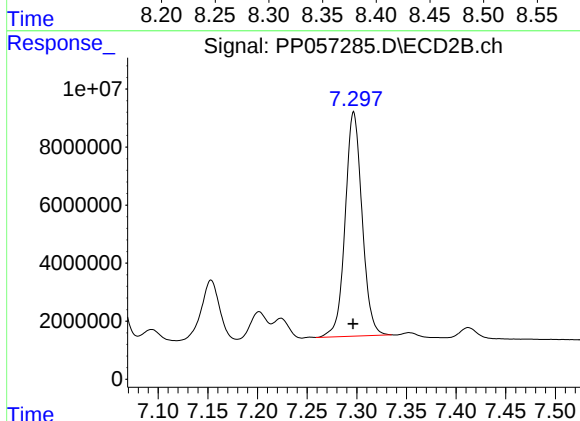
R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 48109194
Conc: 522.42 ng/ml



#35 AR-1260-5

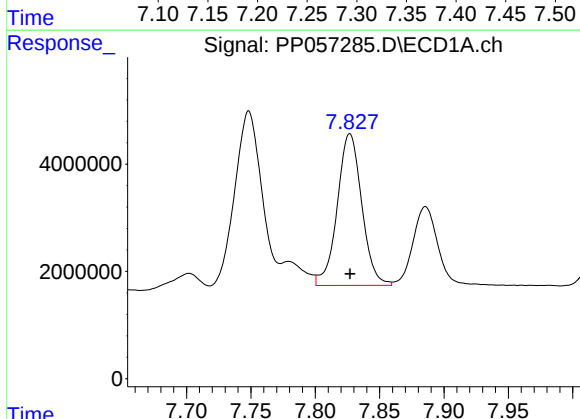
R.T.: 8.379 min
Delta R.T.: 0.002 min
Response: 69254244
Conc: 594.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



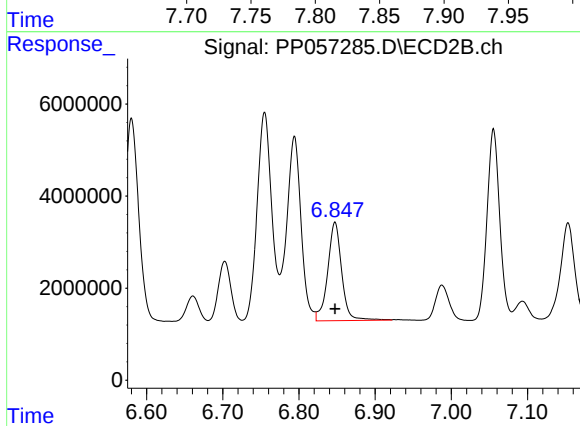
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 91580711
Conc: 510.64 ng/ml



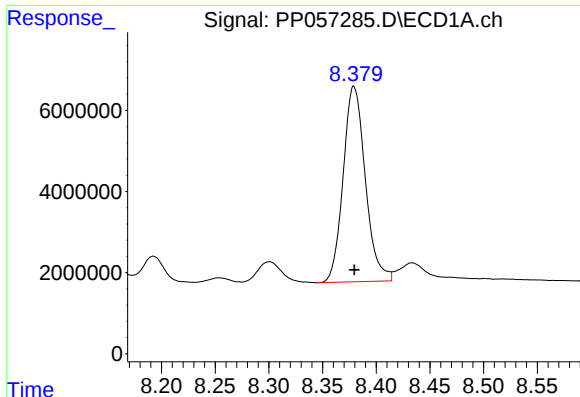
#36 AR-1262-1

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 37509463
Conc: 411.86 ng/ml



#36 AR-1262-1

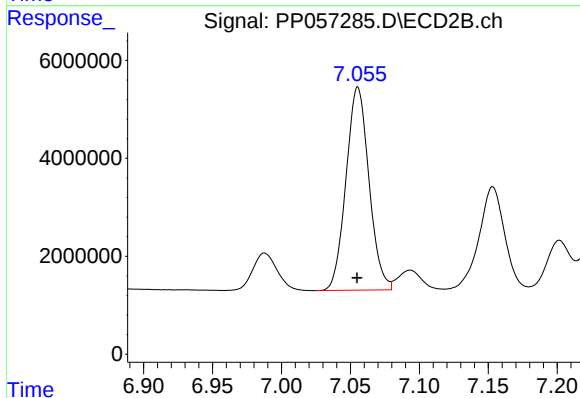
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 27427419
Conc: 507.58 ng/ml



#37 AR-1262-2

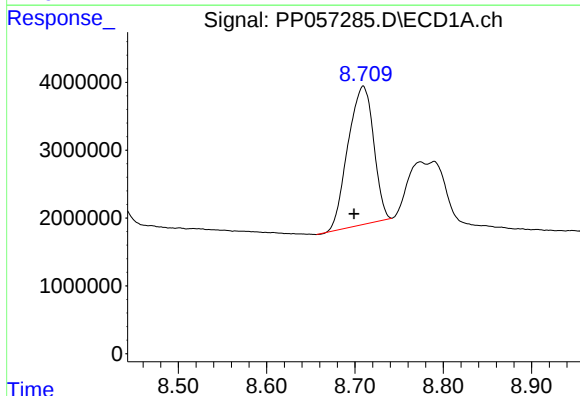
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 69254244
Conc: 555.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



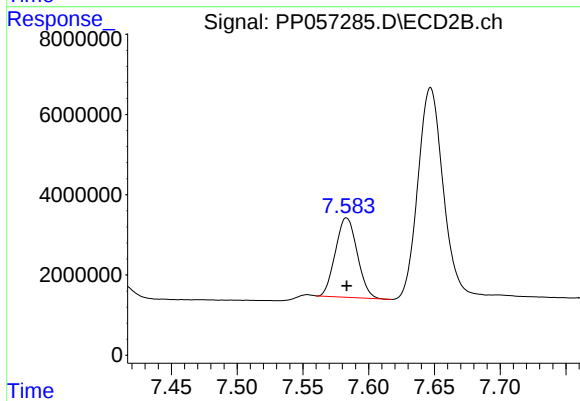
#37 AR-1262-2

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 48109194
Conc: 429.08 ng/ml



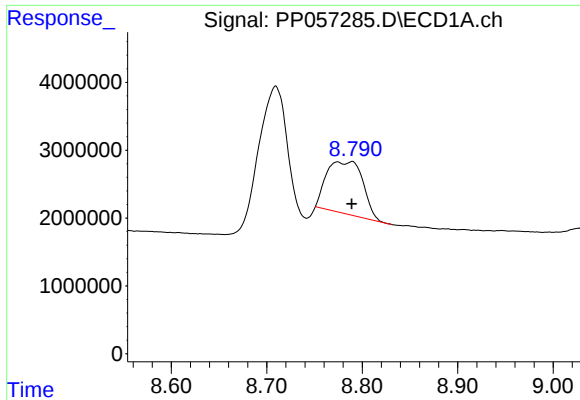
#38 AR-1262-3

R.T.: 8.709 min
Delta R.T.: 0.010 min
Response: 41116794
Conc: 463.37 ng/ml



#38 AR-1262-3

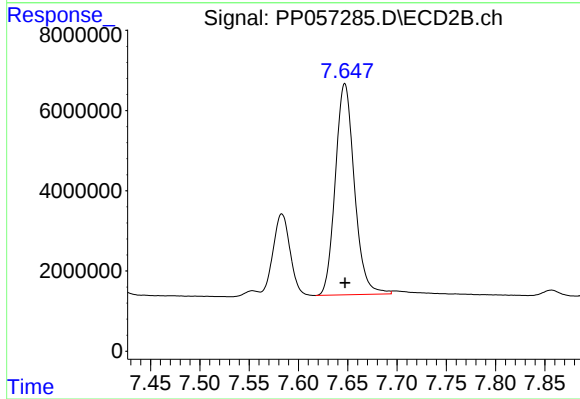
R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 22920608
Conc: 288.85 ng/ml



#39 AR-1262-4

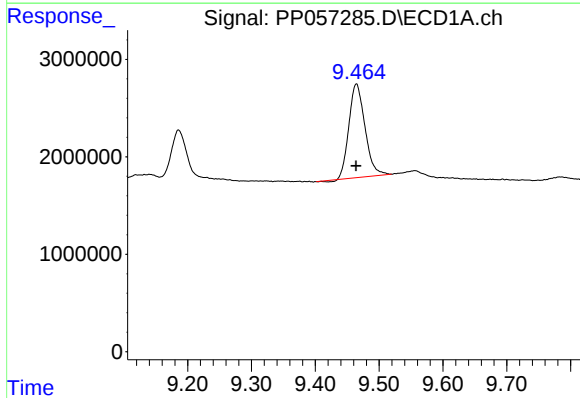
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 20040812
Conc: 307.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



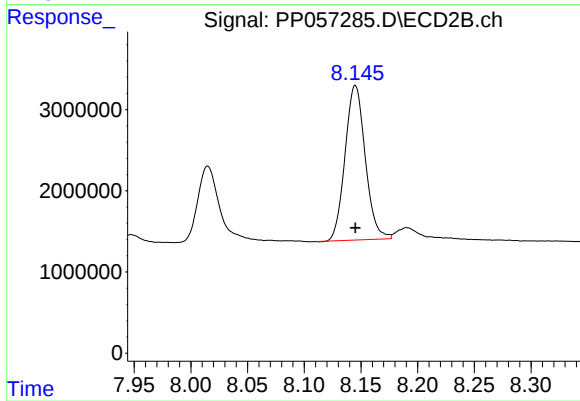
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 70938824
Conc: 479.82 ng/ml



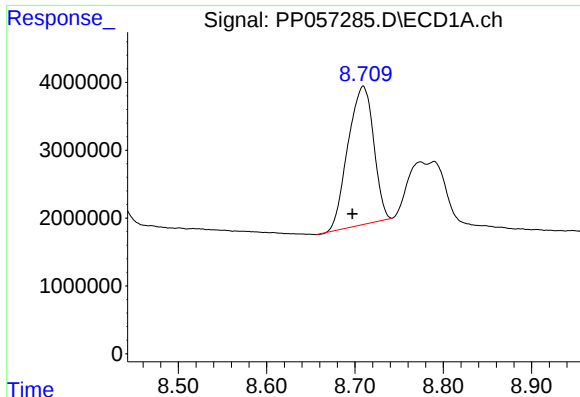
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 16704520
Conc: 421.57 ng/ml



#40 AR-1262-5

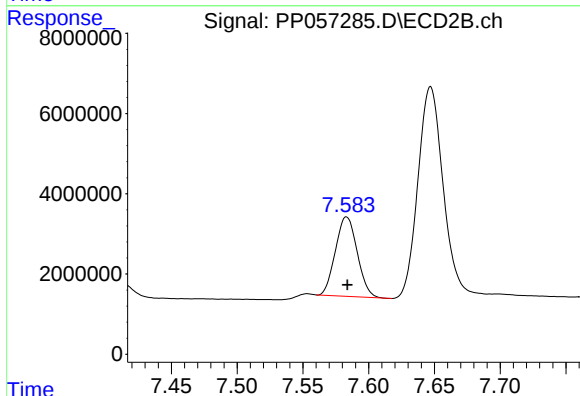
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 23627583
Conc: 362.52 ng/ml



#41 AR-1268-1

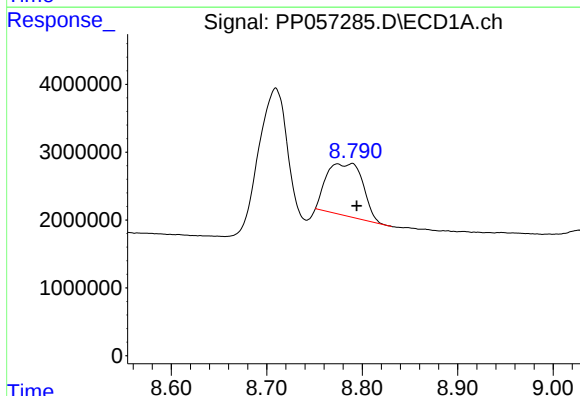
R.T.: 8.709 min
Delta R.T.: 0.012 min
Response: 41116794
Conc: 232.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



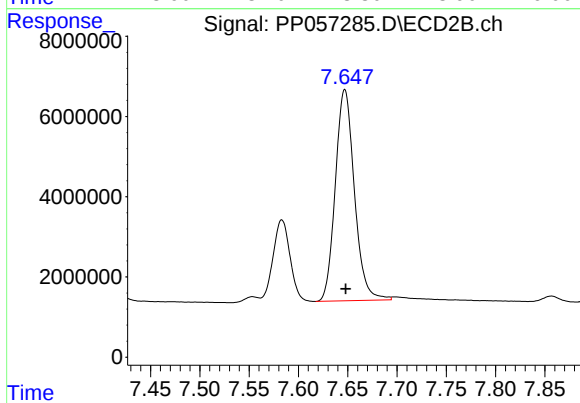
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 22920608
Conc: 92.17 ng/ml



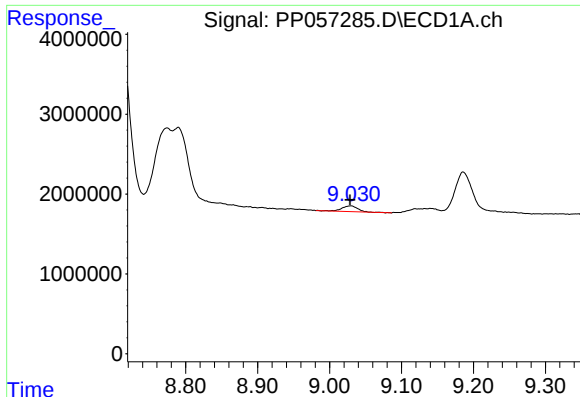
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 20040812
Conc: 139.01 ng/ml



#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 70938824
Conc: 311.18 ng/ml



#43 AR-1268-3

R.T.: 9.029 min
Delta R.T.: 0.000 min
Response: 1099912
Conc: 7.01 ng/ml

Instrument :
ECD_P
ClientSampleId :

#43 AR-1268-3

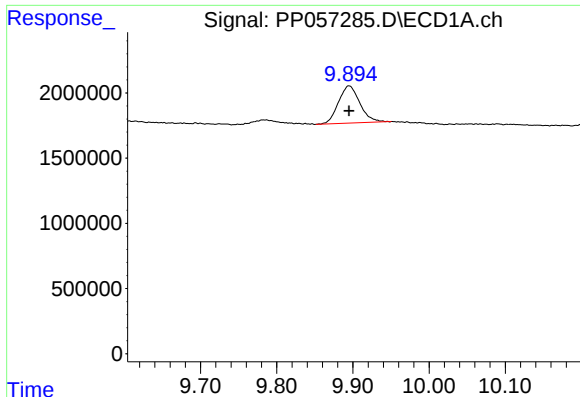
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 1596688
Conc: 7.49 ng/ml

#44 AR-1268-4

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 16704520
Conc: 359.32 ng/ml

#44 AR-1268-4

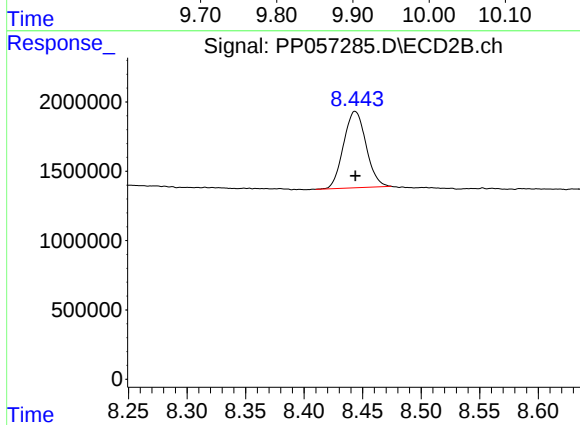
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 23627583
Conc: 315.30 ng/ml



#45 AR-1268-5

R.T.: 9.895 min
Delta R.T.: 0.000 min
Response: 5570926
Conc: 14.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 7392003
Conc: 13.55 ng/ml