

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012723\
 Data File : PP054966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2023 15:41
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:53:46 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...	4.332	3.578	79633956	70579130	45.800	47.015
2)	SA Decachlor...	10.094	8.597	89364385	66681437	51.606	49.373
Target Compounds							
3)	L1 AR-1016-1	5.503	4.664	29895903	22769912	444.812	460.054
4)	L1 AR-1016-2	5.526	4.682	42830210	32002403	446.943	462.335
5)	L1 AR-1016-3	5.589	4.859	27102529	17467003	453.095	469.586
6)	L1 AR-1016-4	5.687	4.901	21996601	14614410	459.046	465.097
7)	L1 AR-1016-5	5.983	5.114	23616702	20249393	466.051	495.283
8)	L2 AR-1221-1	4.536	3.791	2941780	2582423	125.102	130.249
9)	L2 AR-1221-2	4.628	3.877	4421479	3670365	248.859	247.624
10)	L2 AR-1221-3	4.704	3.953	16497682	13904380	306.594	308.202
11)	L3 AR-1232-1	4.704	3.953	16497682	13904380	371.713	377.227
12)	L3 AR-1232-2	5.235	4.682	21874832	32002403	967.280	1001.874
13)	L3 AR-1232-3	5.526	4.859	42830210	17467003	975.247	1047.749
14)	L3 AR-1232-4	5.687	4.943	21996601	18188161	993.783	1127.869
15)	L3 AR-1232-5	5.779	5.114	20315438	20249393	1160.416	1146.529
16)	L4 AR-1242-1	5.503	4.664	29895903	22769912	533.962	555.876
17)	L4 AR-1242-2	5.526	4.682	42830210	32002403	536.519	560.452
18)	L4 AR-1242-3	5.589	4.859	27102529	17467003	545.746	565.868
19)	L4 AR-1242-4	5.687	4.943	21996601	18188161	548.861	559.858
20)	L4 AR-1242-5	6.429	5.468	7097558	19557426	159.627	523.322 #
21)	L5 AR-1248-1	5.503	4.664	29895903	22769912	716.864	734.439
22)	L5 AR-1248-2	5.779	4.901	20315438	14614410	319.555	319.598
23)	L5 AR-1248-3	5.983	4.943	23616702	18188161	341.488	381.517
24)	L5 AR-1248-4	6.389	5.114	8425649	20249393	111.106	366.656 #
25)	L5 AR-1248-5	6.429	5.508	7097558	5371749	96.182	109.247
26)	L6 AR-1254-1	6.363	5.468	20160369	19557426	255.543	242.173
27)	L6 AR-1254-2	6.582	5.616	18643978	15270908	154.053	213.392 #
28)	L6 AR-1254-3	6.951	6.036f	9022679	25804074	73.661	231.619 #
29)	L6 AR-1254-4	7.237	6.250	9009611	1816378	102.252	29.531 #
30)	L6 AR-1254-5	7.658	6.669	61862072	45189626	611.522	476.664
31)	L7 AR-1260-1	7.116	6.151	46310008	37882034	485.805	488.520
32)	L7 AR-1260-2	7.374	6.340	56713204	42969505	503.910	477.980
33)	L7 AR-1260-3	7.736	6.494	41446965	40723039	514.748	479.599
34)	L7 AR-1260-4	7.962	6.968	47935776	34495980	493.792	481.769
35)	L7 AR-1260-5	8.279	7.211	90667290	72870959	509.795	474.000
36)	L8 AR-1262-1	7.736	6.761	41446965	18755991	351.298	436.577
37)	L8 AR-1262-2	8.279	6.968	90667290	34495980	450.155	372.434
38)	L8 AR-1262-3	8.602	7.496	58897195	17938441	423.504	246.204 #
39)	L8 AR-1262-4	8.679	7.559	17903624	54378996	232.873	415.807 #
40)	L8 AR-1262-5	9.337	8.056	25264845	18434564	353.257	310.724
41)	L9 AR-1268-1	8.602f	7.496	58897195	17938441	240.980	82.962 #

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 Acq On : 26 Jan 2023 15:41
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

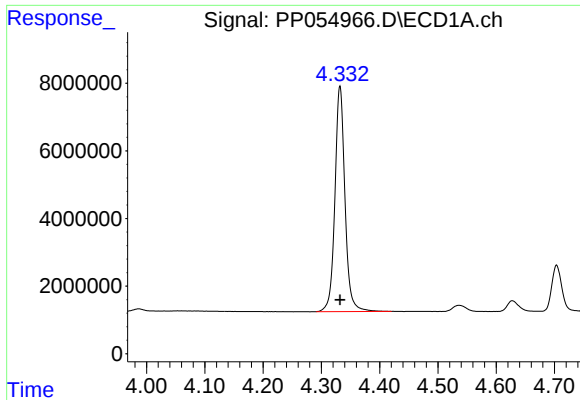
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:53:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
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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	8.679	7.559	17903624	54378996	78.827	278.675 #
43) L9	AR-1268-3	8.913	7.767	1472080	907472	7.368	5.283 #
44) L9	AR-1268-4	9.337	8.056	25264845	18434564	321.655	289.023
45) L9	AR-1268-5	9.754	8.345	7643916	6181558	12.016	11.738

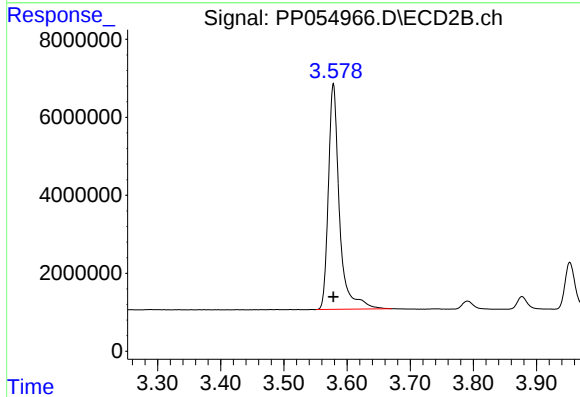
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

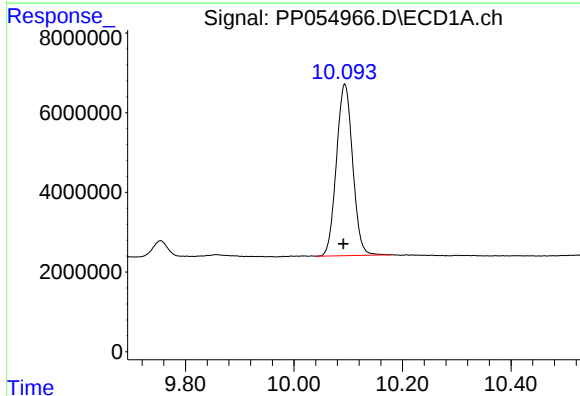
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 79633956
Conc: 45.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



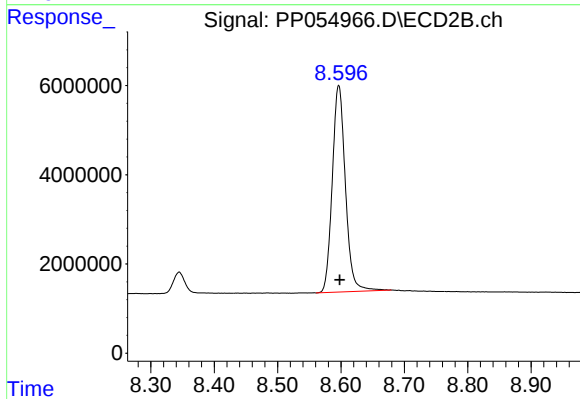
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 70579130
Conc: 47.01 ng/ml



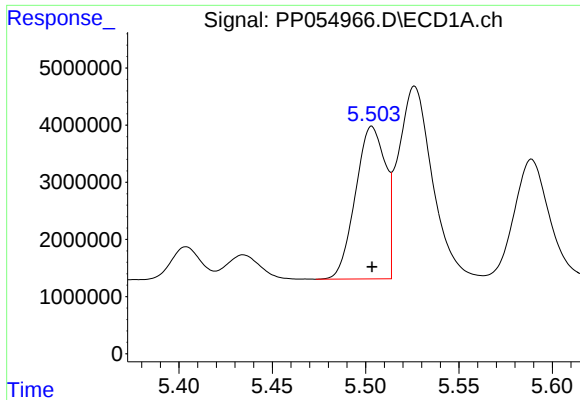
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: 0.003 min
Response: 89364385
Conc: 51.61 ng/ml



#2 Decachlorobiphenyl

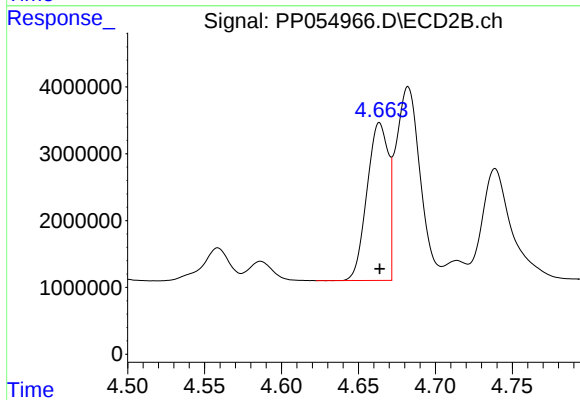
R.T.: 8.597 min
Delta R.T.: -0.002 min
Response: 66681437
Conc: 49.37 ng/ml



#3 AR-1016-1

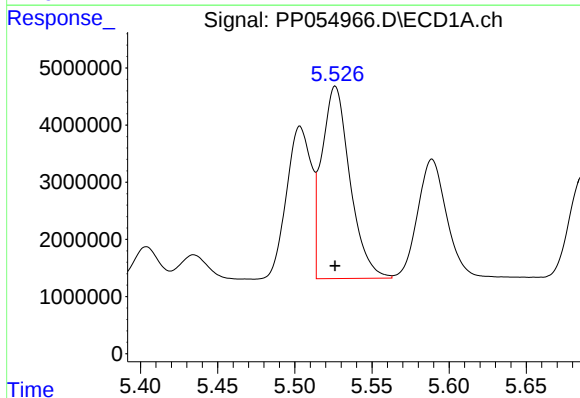
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 29895903
Conc: 444.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



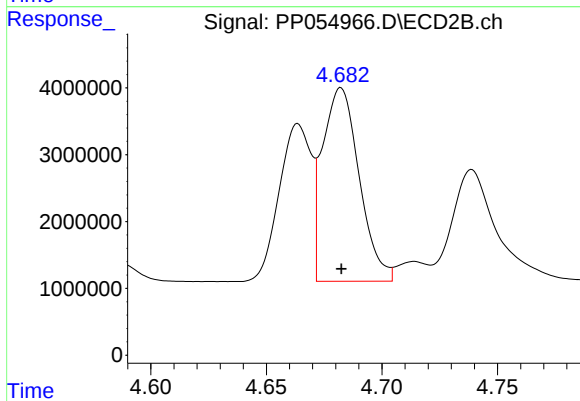
#3 AR-1016-1

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 22769912
Conc: 460.05 ng/ml



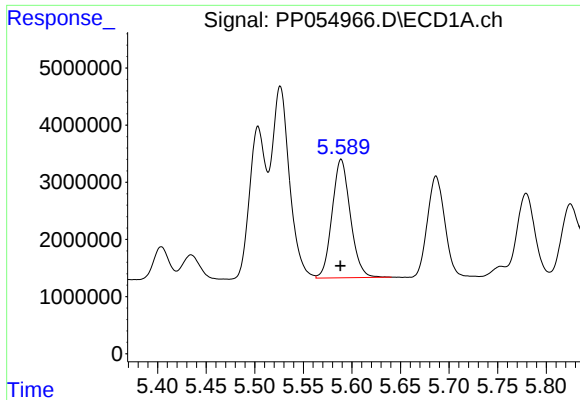
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 42830210
Conc: 446.94 ng/ml



#4 AR-1016-2

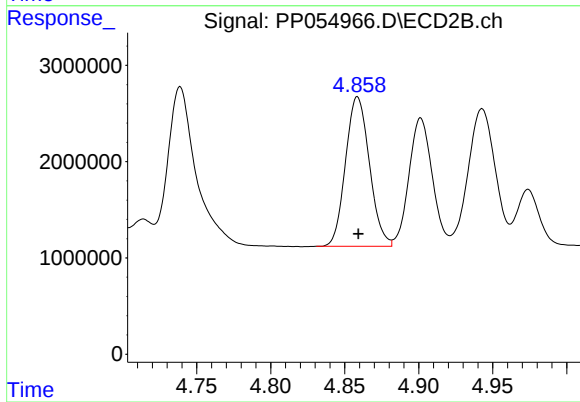
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 32002403
Conc: 462.33 ng/ml



#5 AR-1016-3

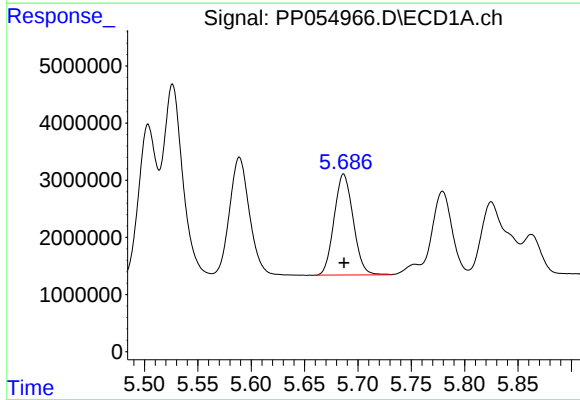
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 27102529
Conc: 453.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



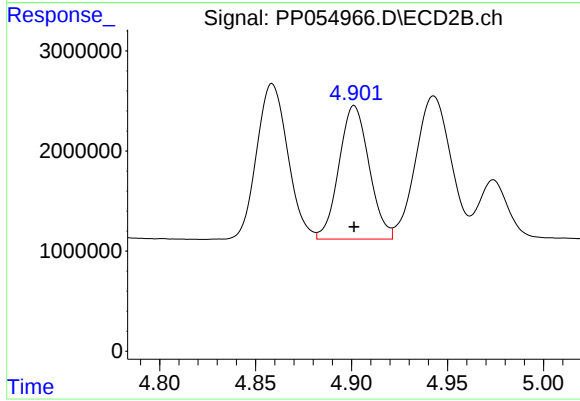
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 17467003
Conc: 469.59 ng/ml



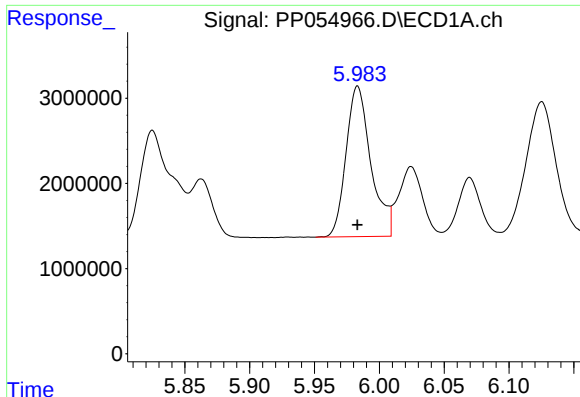
#6 AR-1016-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 21996601
Conc: 459.05 ng/ml



#6 AR-1016-4

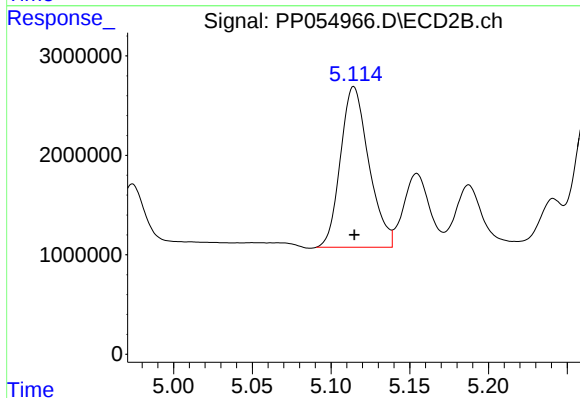
R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 14614410
Conc: 465.10 ng/ml



#7 AR-1016-5

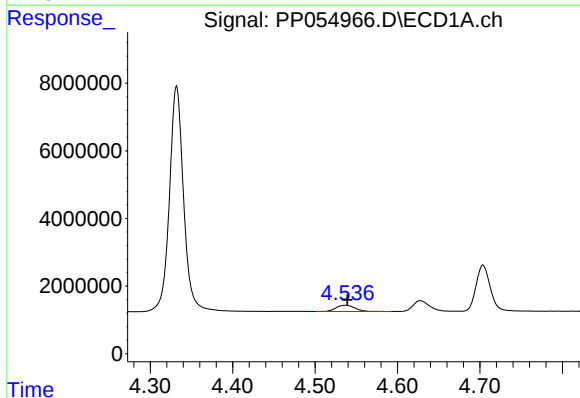
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 23616702
Conc: 466.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



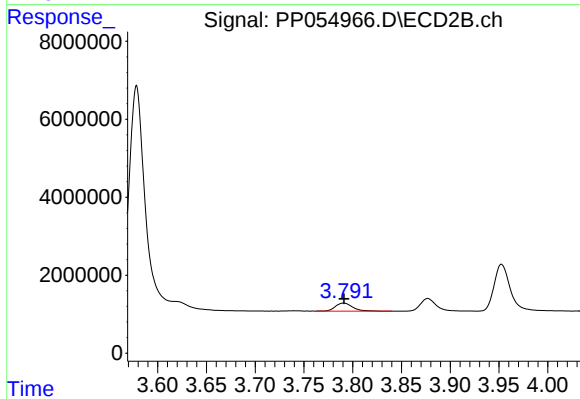
#7 AR-1016-5

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 20249393
Conc: 495.28 ng/ml



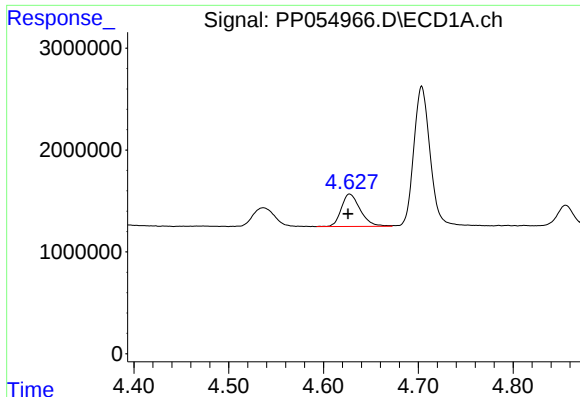
#8 AR-1221-1

R.T.: 4.536 min
Delta R.T.: -0.003 min
Response: 2941780
Conc: 125.10 ng/ml



#8 AR-1221-1

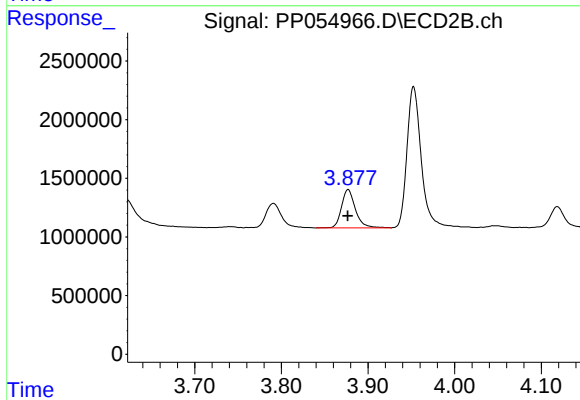
R.T.: 3.791 min
Delta R.T.: 0.000 min
Response: 2582423
Conc: 130.25 ng/ml



#9 AR-1221-2

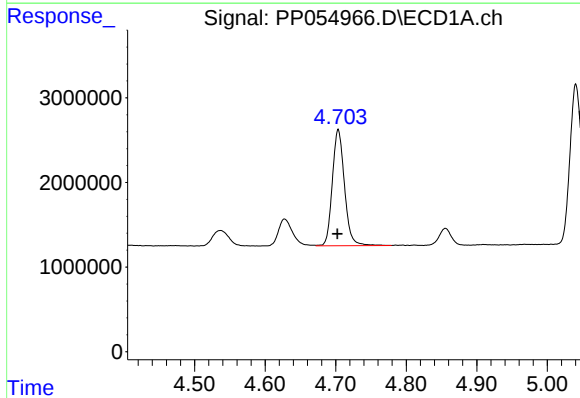
R.T.: 4.628 min
Delta R.T.: 0.002 min
Response: 4421479
Conc: 248.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



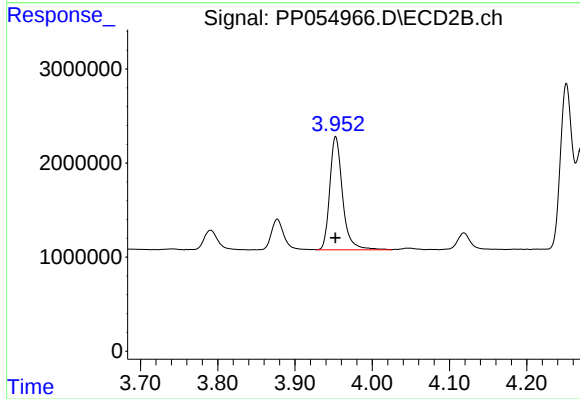
#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 3670365
Conc: 247.62 ng/ml



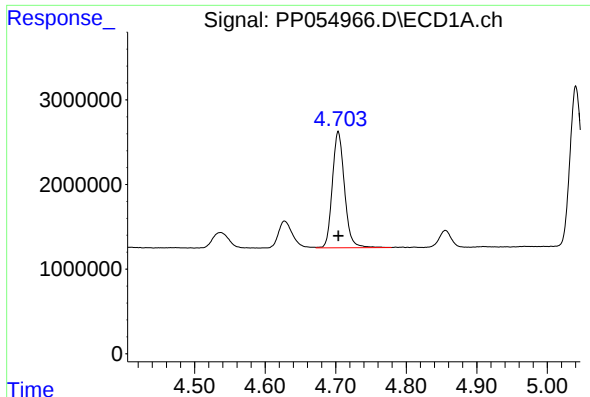
#10 AR-1221-3

R.T.: 4.704 min
Delta R.T.: 0.001 min
Response: 16497682
Conc: 306.59 ng/ml



#10 AR-1221-3

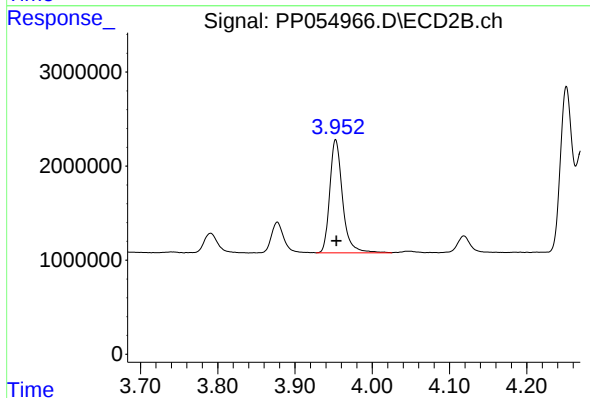
R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 13904380
Conc: 308.20 ng/ml



#11 AR-1232-1

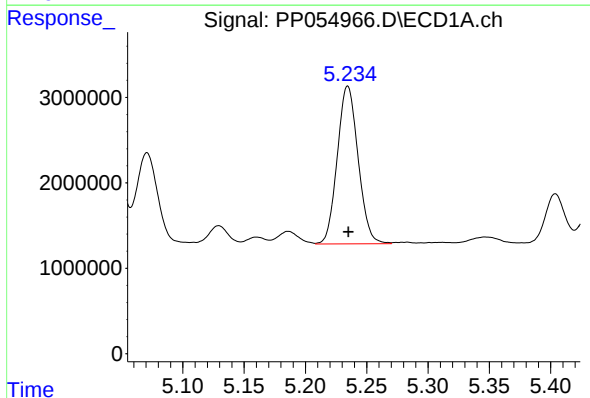
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 16497682
Conc: 371.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



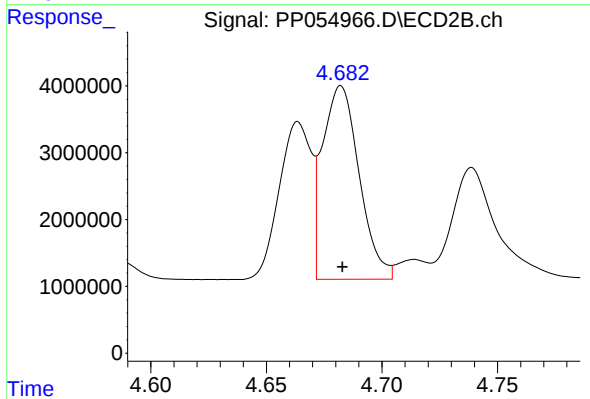
#11 AR-1232-1

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 13904380
Conc: 377.23 ng/ml



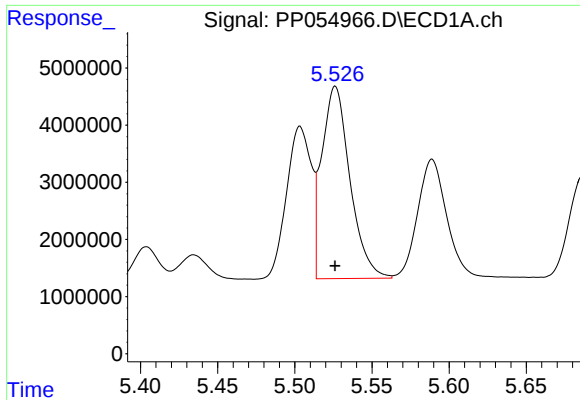
#12 AR-1232-2

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 21874832
Conc: 967.28 ng/ml



#12 AR-1232-2

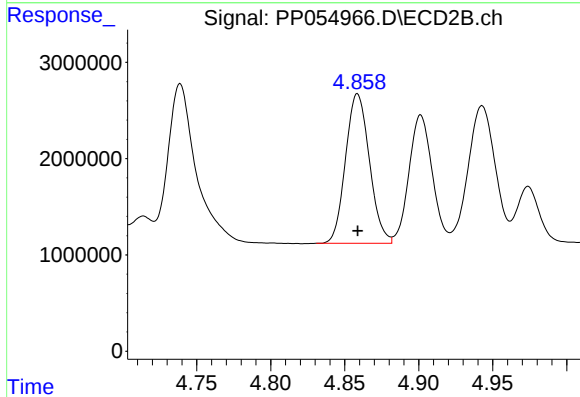
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 32002403
Conc: 1001.87 ng/ml



#13 AR-1232-3

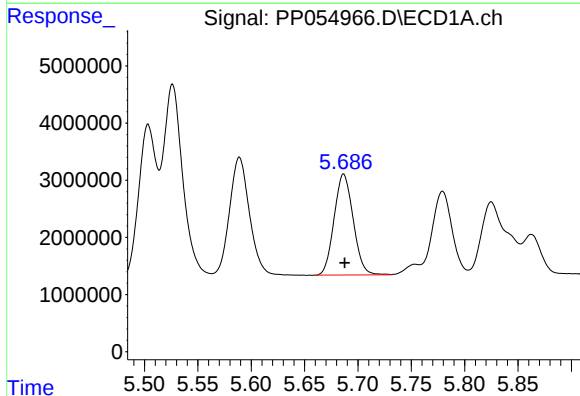
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 42830210
Conc: 975.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



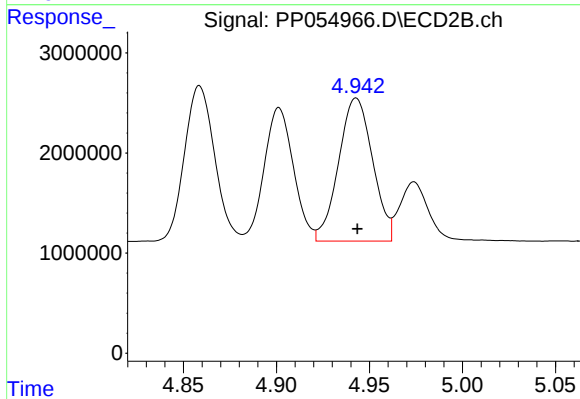
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 17467003
Conc: 1047.75 ng/ml



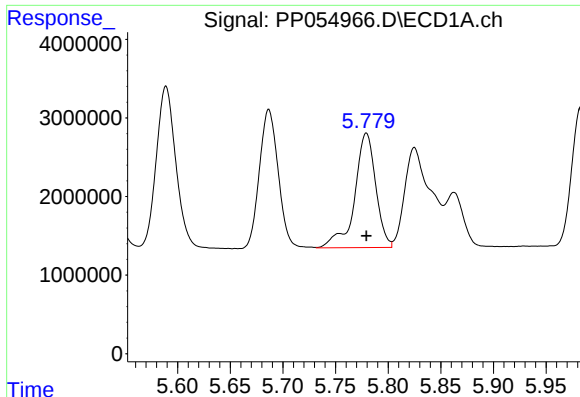
#14 AR-1232-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 21996601
Conc: 993.78 ng/ml



#14 AR-1232-4

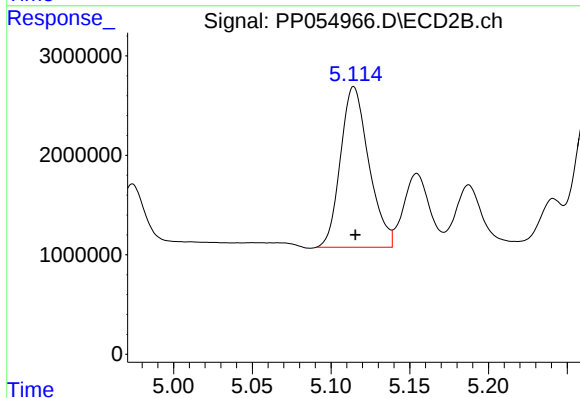
R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 18188161
Conc: 1127.87 ng/ml



#15 AR-1232-5

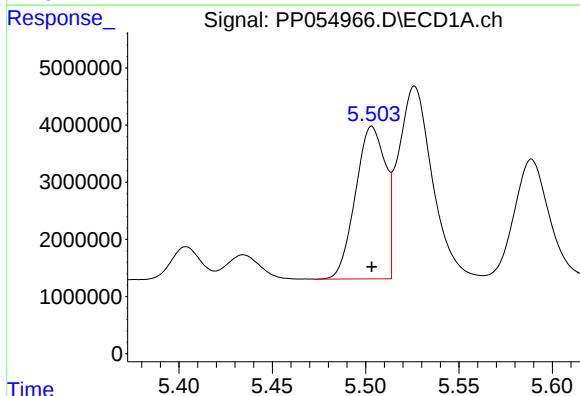
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 20315438
Conc: 1160.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



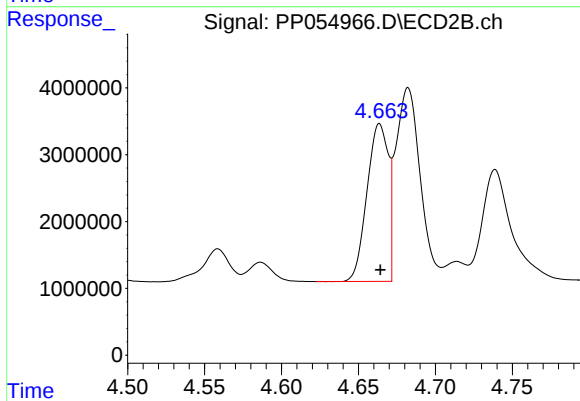
#15 AR-1232-5

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 20249393
Conc: 1146.53 ng/ml



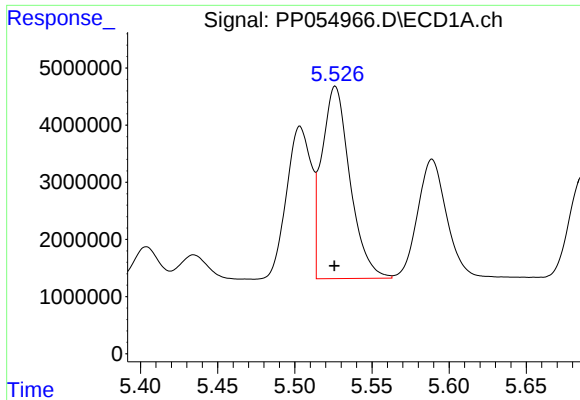
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 29895903
Conc: 533.96 ng/ml



#16 AR-1242-1

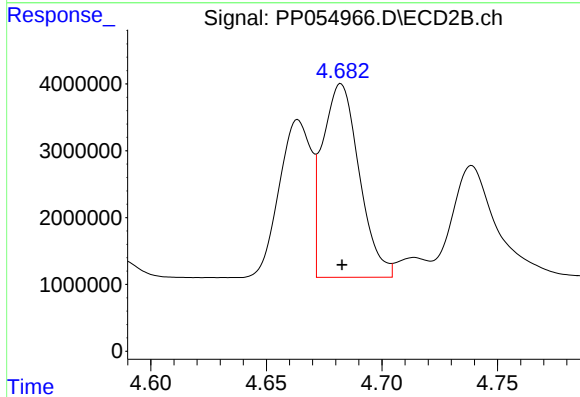
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 22769912
Conc: 555.88 ng/ml



#17 AR-1242-2

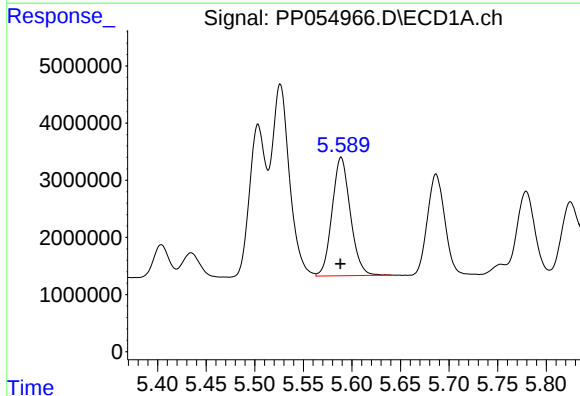
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 42830210
Conc: 536.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



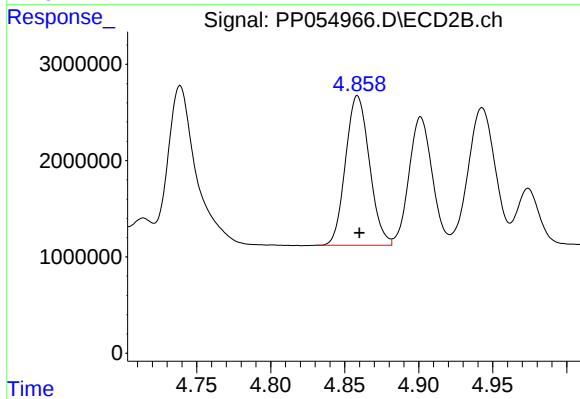
#17 AR-1242-2

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 32002403
Conc: 560.45 ng/ml



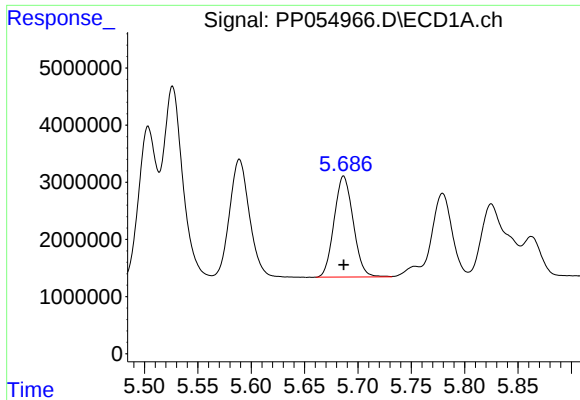
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 27102529
Conc: 545.75 ng/ml



#18 AR-1242-3

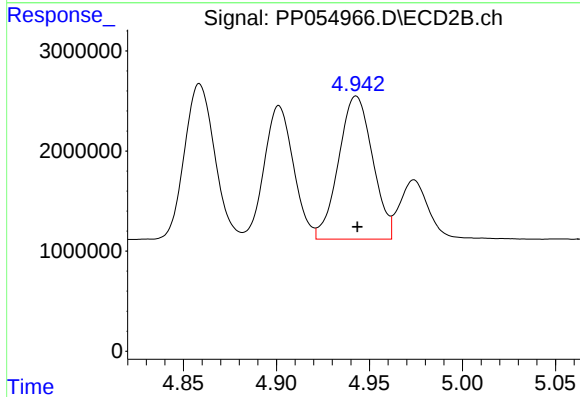
R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 17467003
Conc: 565.87 ng/ml



#19 AR-1242-4

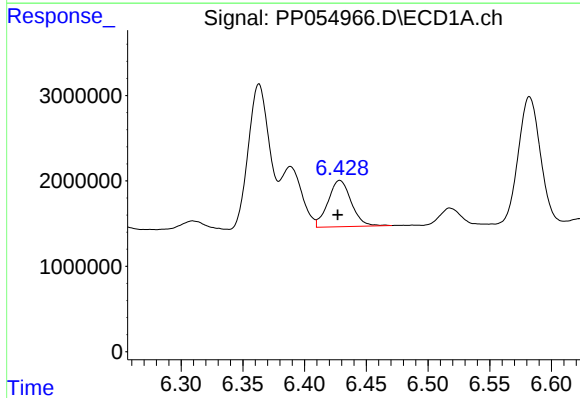
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 21996601
Conc: 548.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



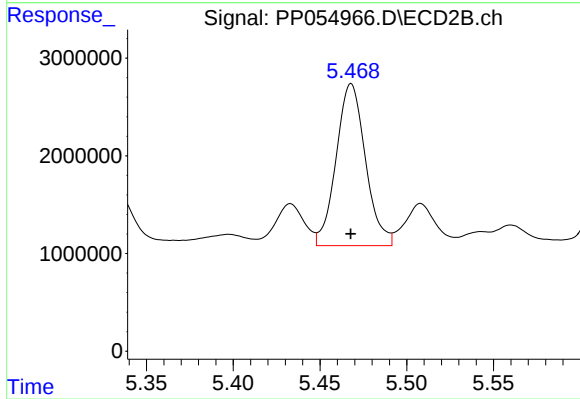
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 18188161
Conc: 559.86 ng/ml



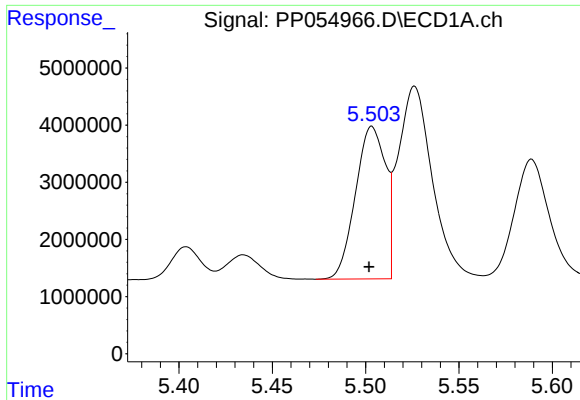
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.002 min
Response: 7097558
Conc: 159.63 ng/ml



#20 AR-1242-5

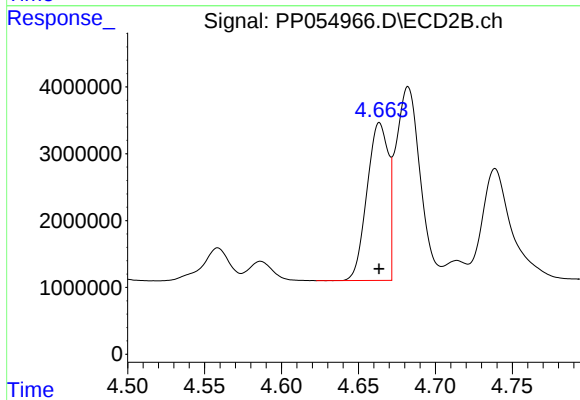
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 19557426
Conc: 523.32 ng/ml



#21 AR-1248-1

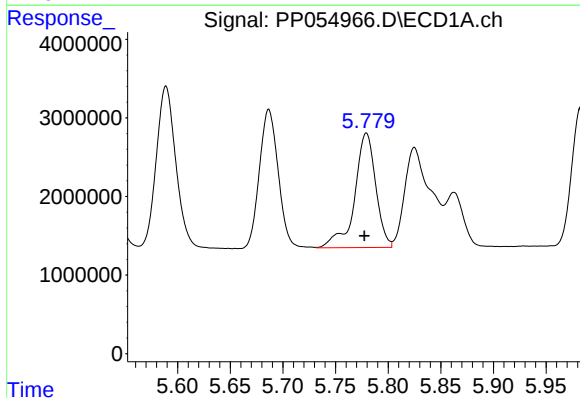
R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 29895903
Conc: 716.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



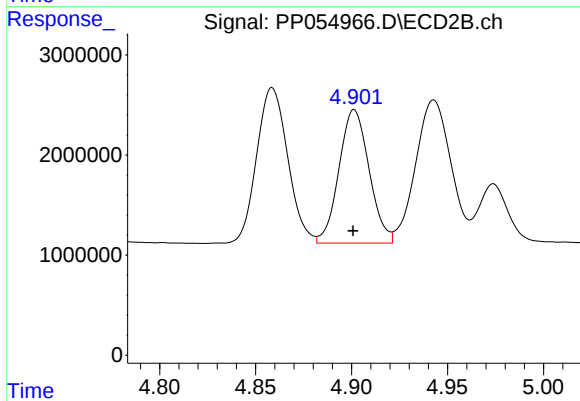
#21 AR-1248-1

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 22769912
Conc: 734.44 ng/ml



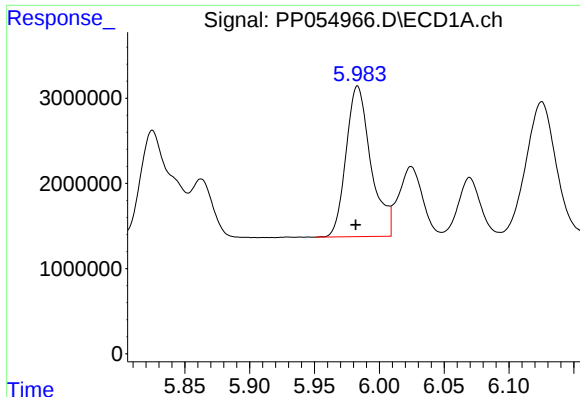
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 20315438
Conc: 319.55 ng/ml



#22 AR-1248-2

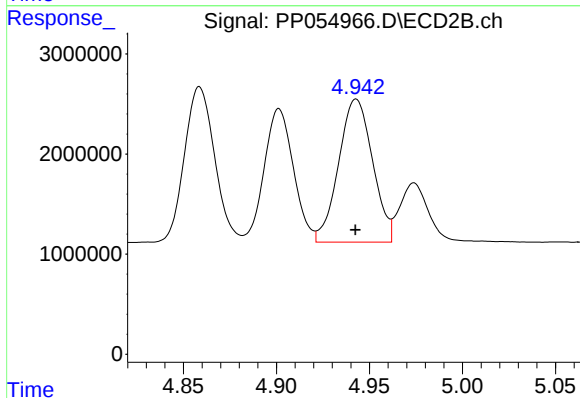
R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 14614410
Conc: 319.60 ng/ml



#23 AR-1248-3

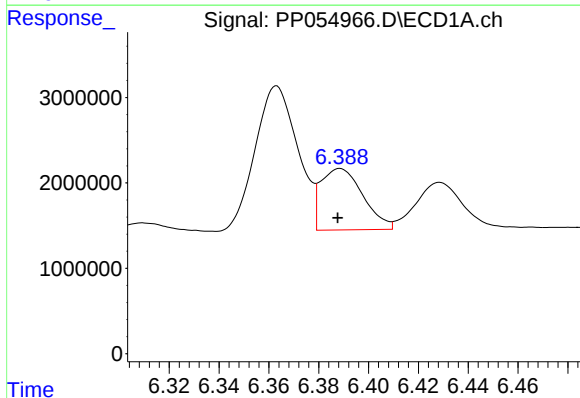
R.T.: 5.983 min
Delta R.T.: 0.001 min
Response: 23616702
Conc: 341.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



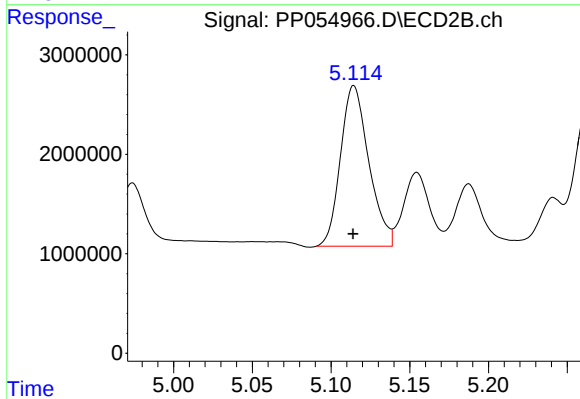
#23 AR-1248-3

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 18188161
Conc: 381.52 ng/ml



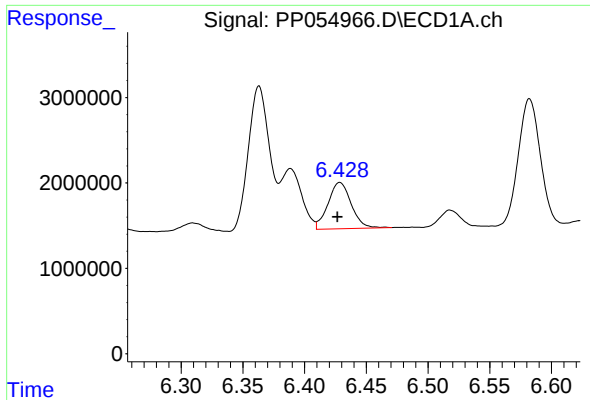
#24 AR-1248-4

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 8425649
Conc: 111.11 ng/ml



#24 AR-1248-4

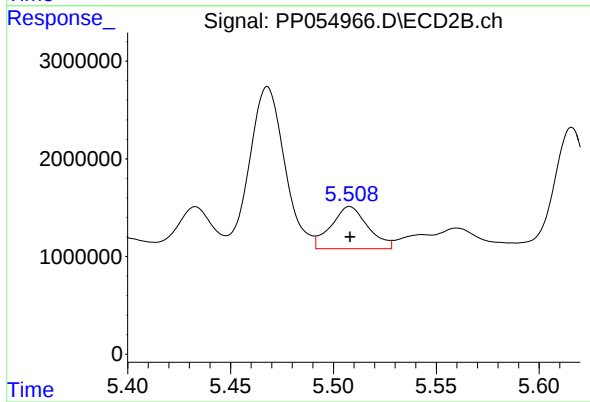
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 20249393
Conc: 366.66 ng/ml



#25 AR-1248-5

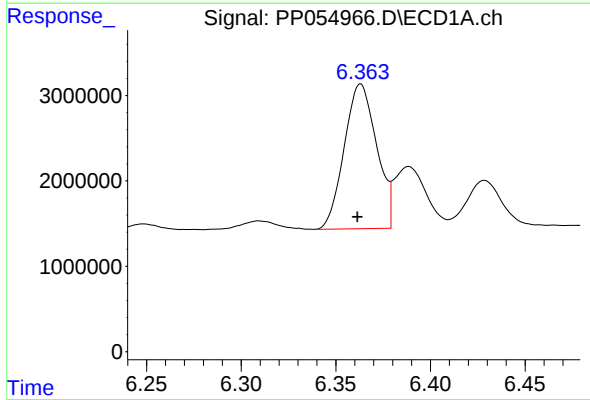
R.T.: 6.429 min
Delta R.T.: 0.002 min
Response: 7097558
Conc: 96.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



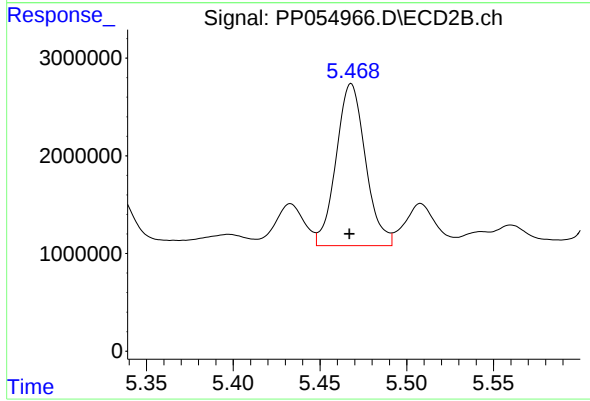
#25 AR-1248-5

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 5371749
Conc: 109.25 ng/ml



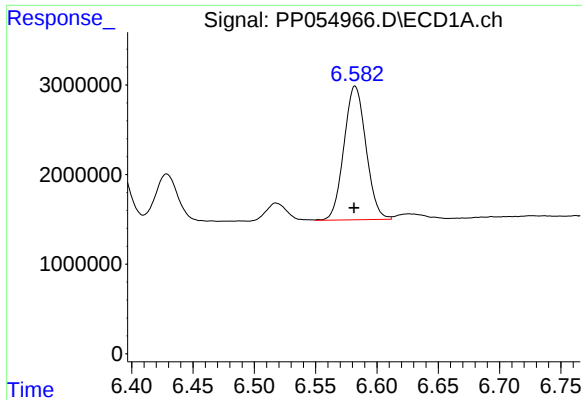
#26 AR-1254-1

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 20160369
Conc: 255.54 ng/ml



#26 AR-1254-1

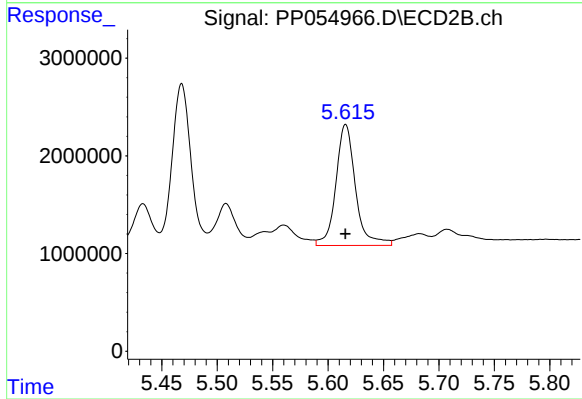
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 19557426
Conc: 242.17 ng/ml



#27 AR-1254-2

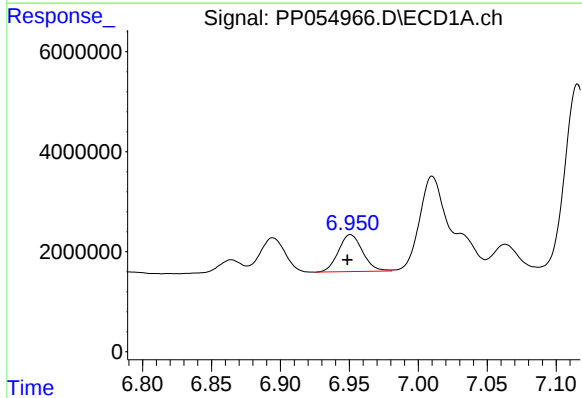
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 18643978
Conc: 154.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



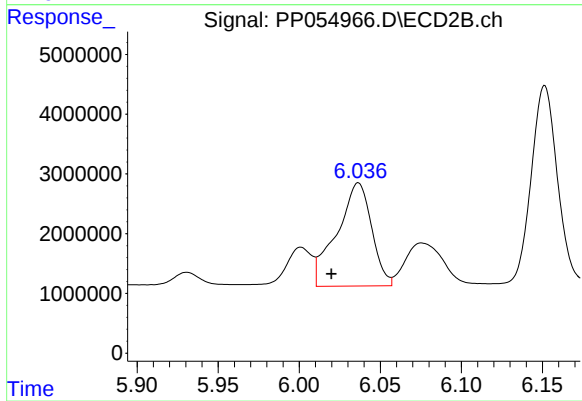
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 15270908
Conc: 213.39 ng/ml



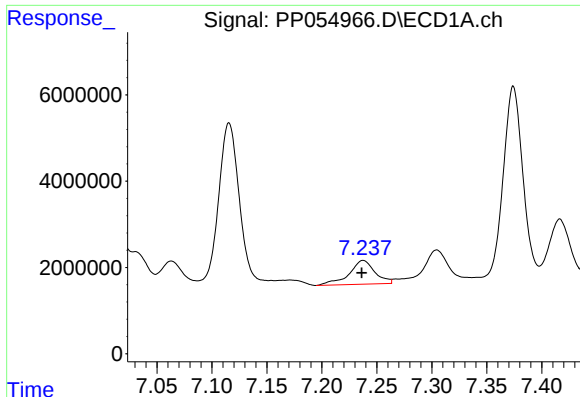
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: 0.002 min
Response: 9022679
Conc: 73.66 ng/ml



#28 AR-1254-3

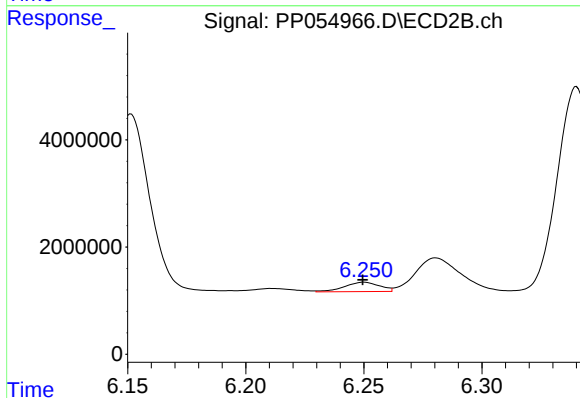
R.T.: 6.036 min
Delta R.T.: 0.017 min
Response: 25804074
Conc: 231.62 ng/ml



#29 AR-1254-4

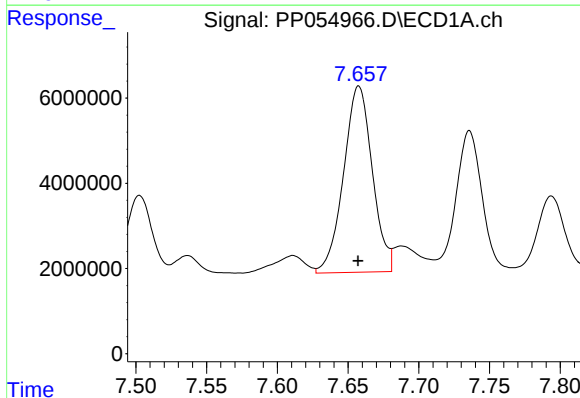
R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 9009611
Conc: 102.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



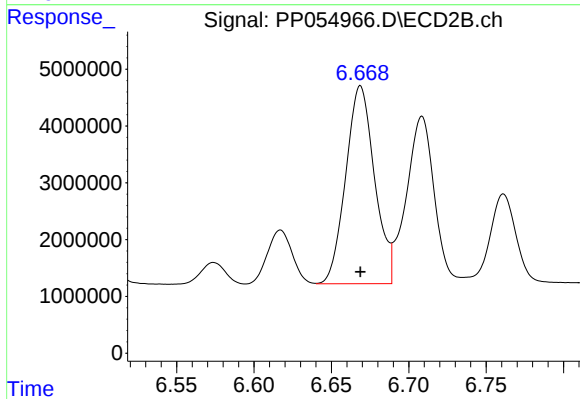
#29 AR-1254-4

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1816378
Conc: 29.53 ng/ml



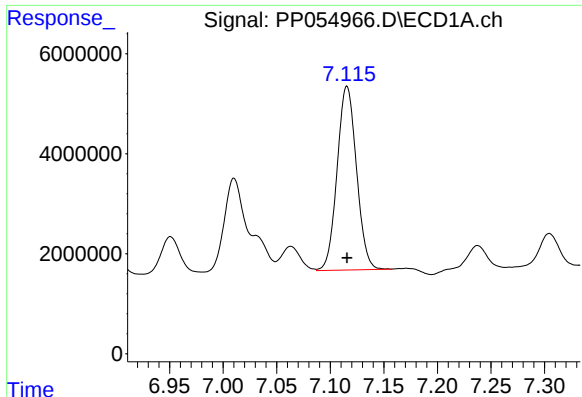
#30 AR-1254-5

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 61862072
Conc: 611.52 ng/ml



#30 AR-1254-5

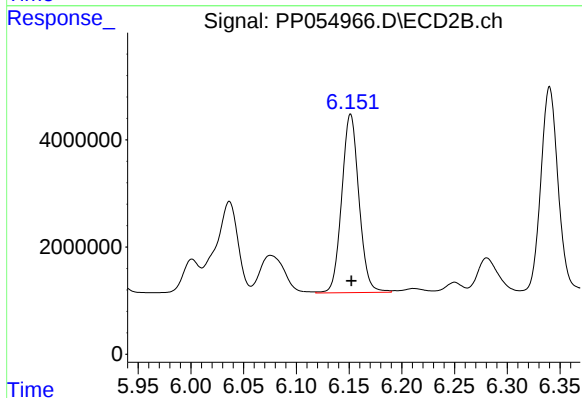
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 45189626
Conc: 476.66 ng/ml



#31 AR-1260-1

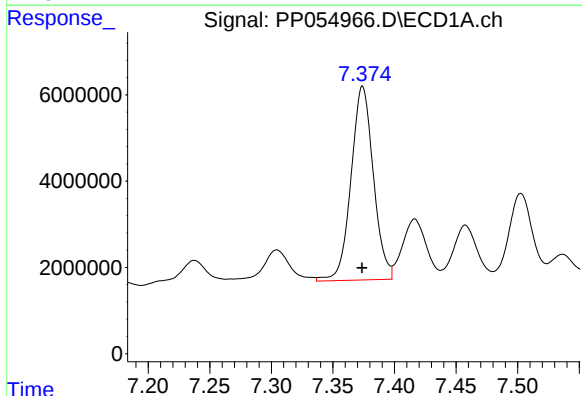
R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 46310008
Conc: 485.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



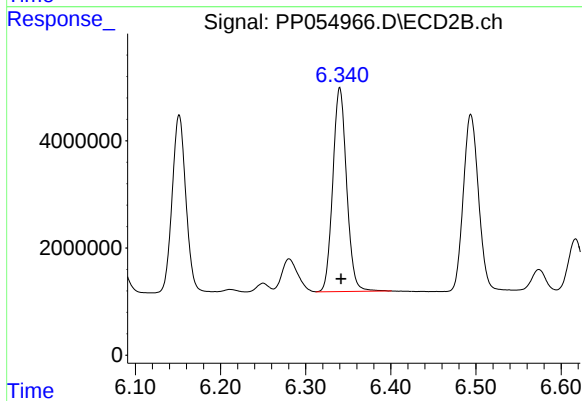
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 37882034
Conc: 488.52 ng/ml



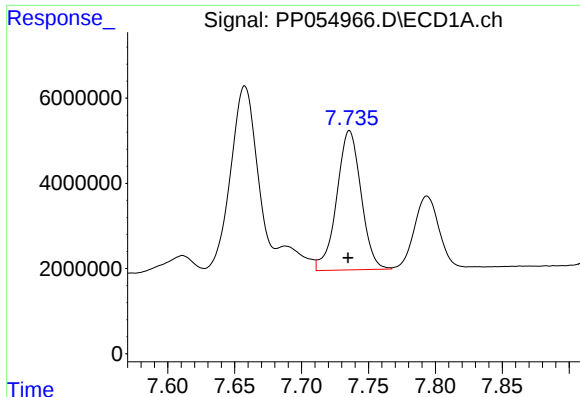
#32 AR-1260-2

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 56713204
Conc: 503.91 ng/ml



#32 AR-1260-2

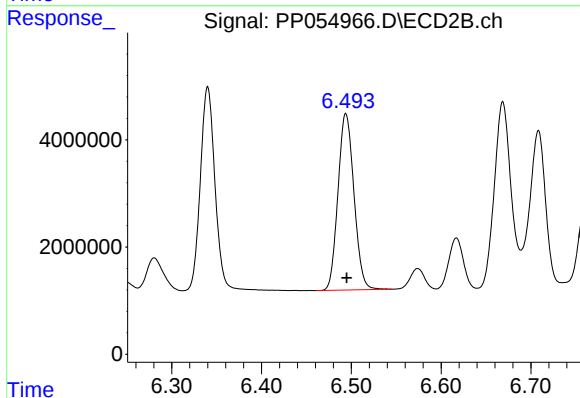
R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 42969505
Conc: 477.98 ng/ml



#33 AR-1260-3

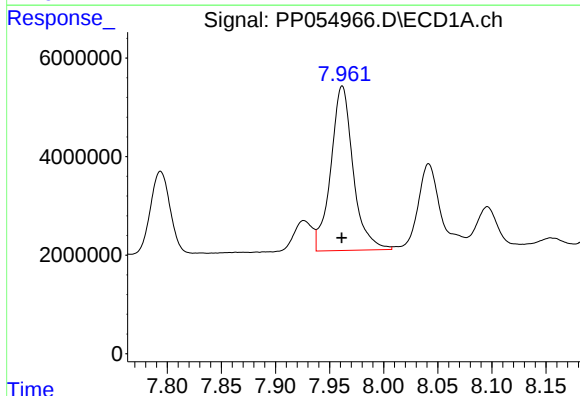
R.T.: 7.736 min
Delta R.T.: 0.001 min
Response: 41446965
Conc: 514.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



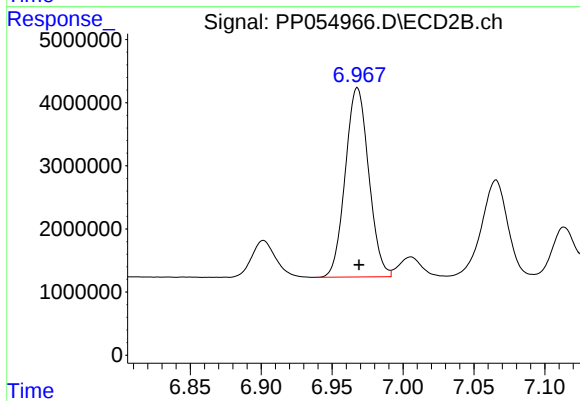
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 40723039
Conc: 479.60 ng/ml



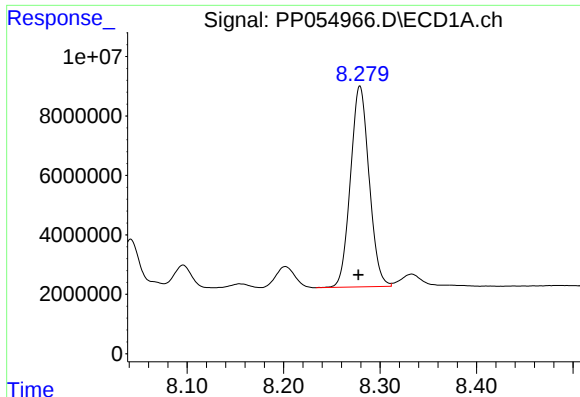
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 47935776
Conc: 493.79 ng/ml



#34 AR-1260-4

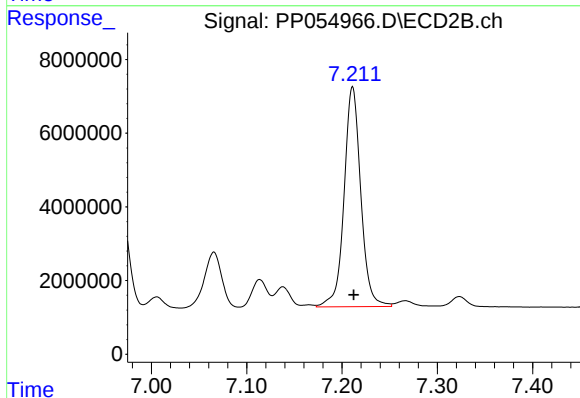
R.T.: 6.968 min
Delta R.T.: -0.001 min
Response: 34495980
Conc: 481.77 ng/ml



#35 AR-1260-5

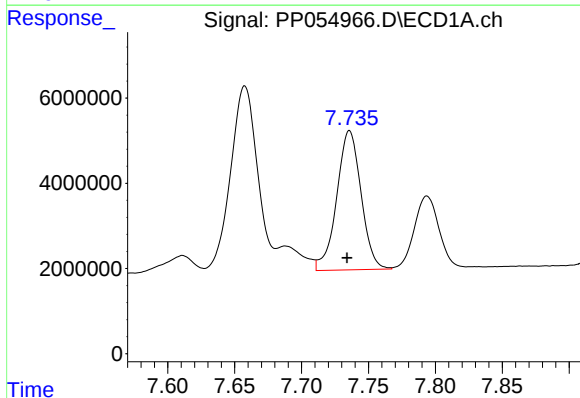
R.T.: 8.279 min
Delta R.T.: 0.001 min
Response: 90667290
Conc: 509.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



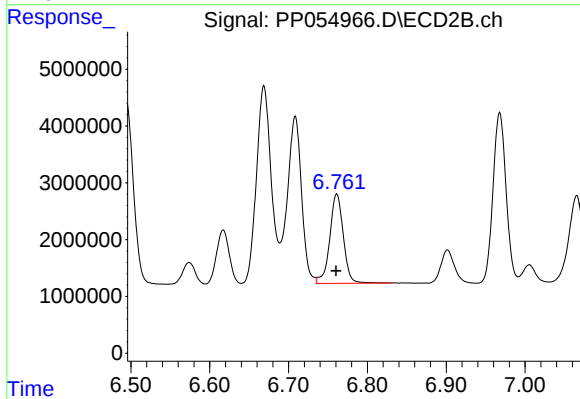
#35 AR-1260-5

R.T.: 7.211 min
Delta R.T.: -0.001 min
Response: 72870959
Conc: 474.00 ng/ml



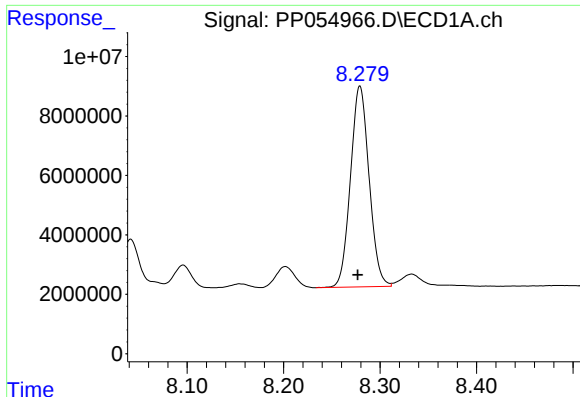
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: 0.002 min
Response: 41446965
Conc: 351.30 ng/ml



#36 AR-1262-1

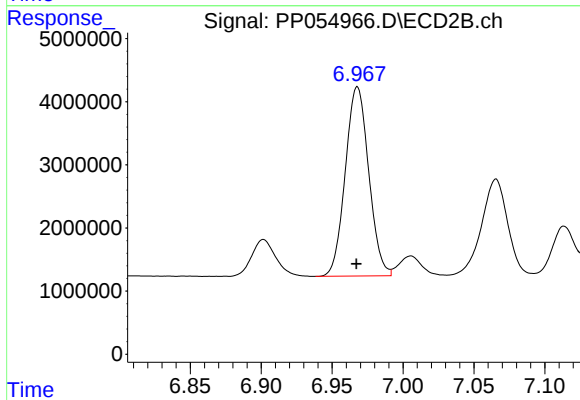
R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 18755991
Conc: 436.58 ng/ml



#37 AR-1262-2

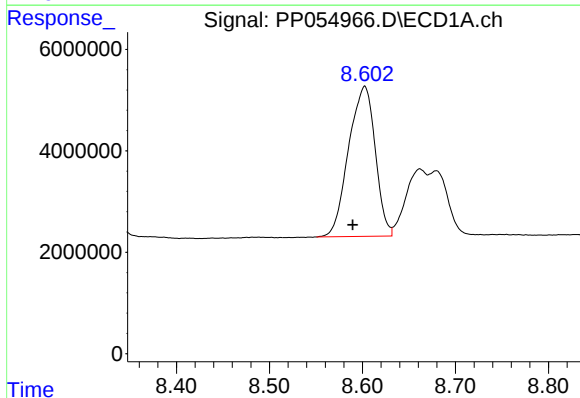
R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 90667290
Conc: 450.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



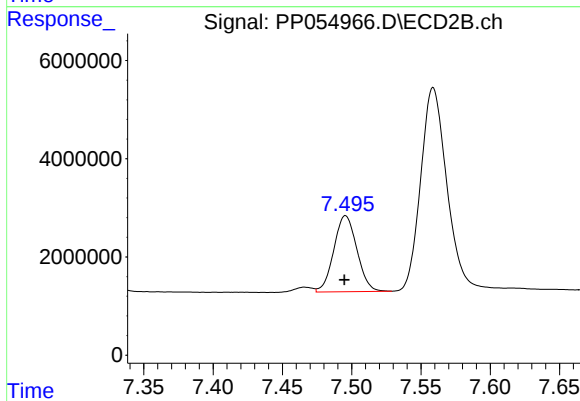
#37 AR-1262-2

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 34495980
Conc: 372.43 ng/ml



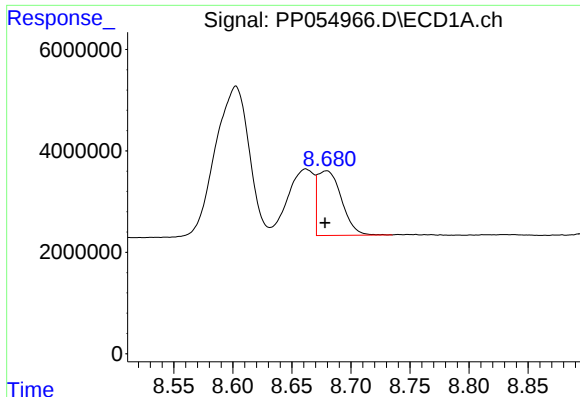
#38 AR-1262-3

R.T.: 8.602 min
Delta R.T.: 0.013 min
Response: 58897195
Conc: 423.50 ng/ml



#38 AR-1262-3

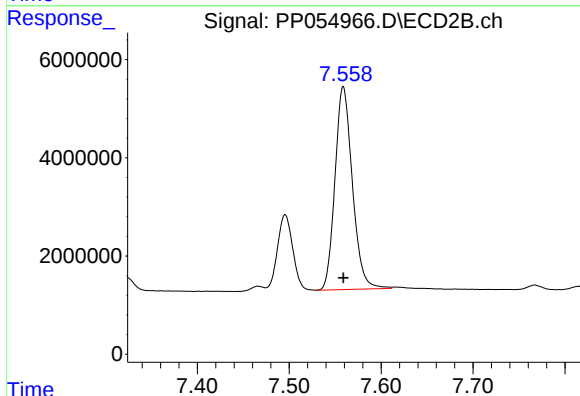
R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 17938441
Conc: 246.20 ng/ml



#39 AR-1262-4

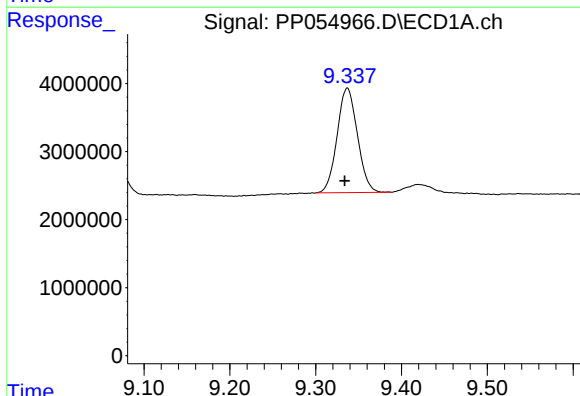
R.T.: 8.679 min
Delta R.T.: 0.001 min
Response: 17903624
Conc: 232.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



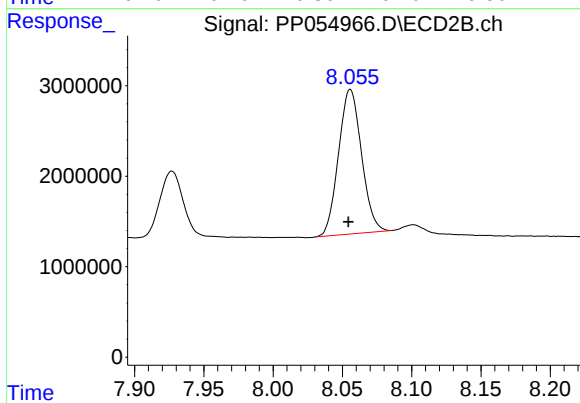
#39 AR-1262-4

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 54378996
Conc: 415.81 ng/ml



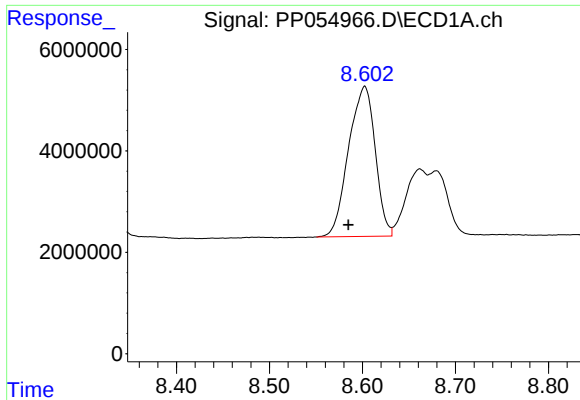
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: 0.003 min
Response: 25264845
Conc: 353.26 ng/ml



#40 AR-1262-5

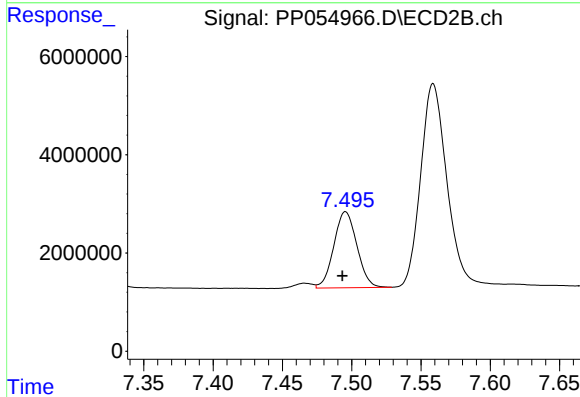
R.T.: 8.056 min
Delta R.T.: 0.002 min
Response: 18434564
Conc: 310.72 ng/ml



#41 AR-1268-1

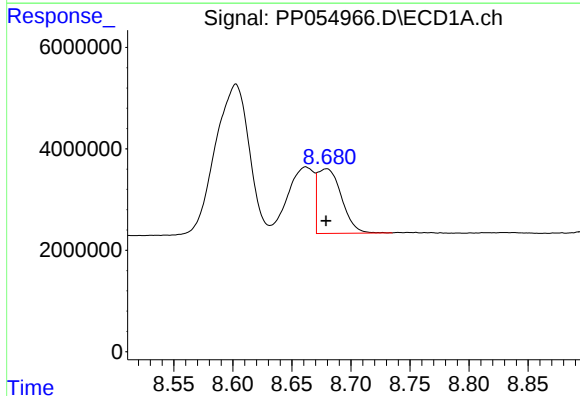
R.T.: 8.602 min
Delta R.T.: 0.018 min
Response: 58897195
Conc: 240.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



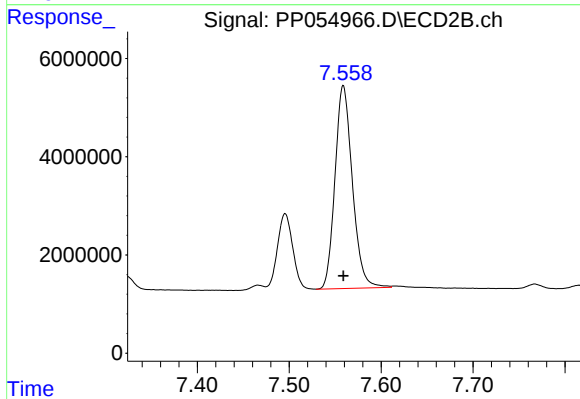
#41 AR-1268-1

R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 17938441
Conc: 82.96 ng/ml



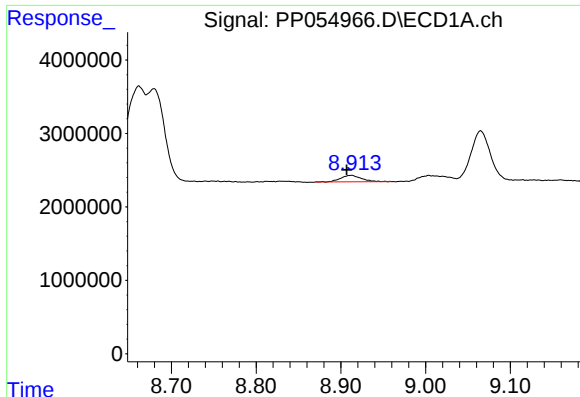
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 17903624
Conc: 78.83 ng/ml



#42 AR-1268-2

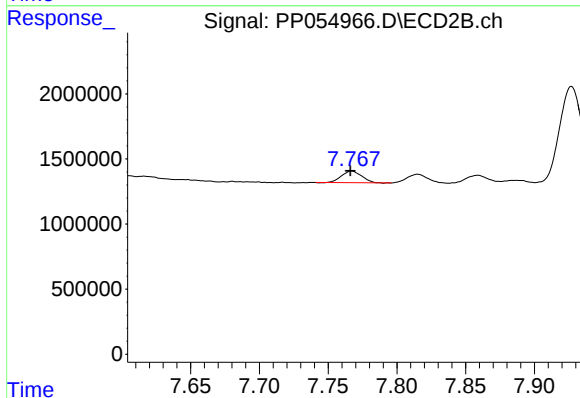
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 54378996
Conc: 278.68 ng/ml



#43 AR-1268-3

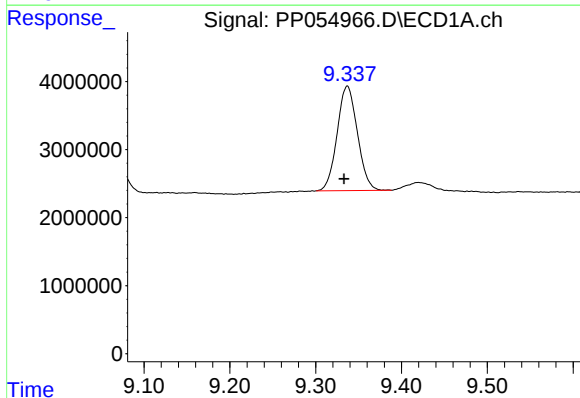
R.T.: 8.913 min
Delta R.T.: 0.005 min
Response: 1472080
Conc: 7.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



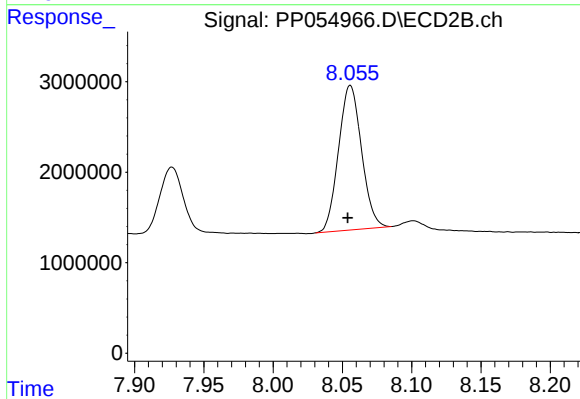
#43 AR-1268-3

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 907472
Conc: 5.28 ng/ml



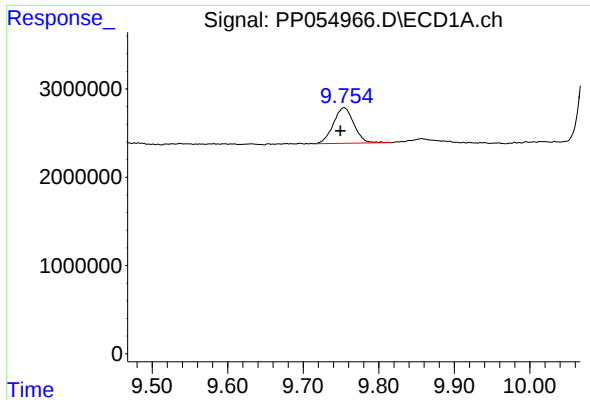
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: 0.004 min
Response: 25264845
Conc: 321.66 ng/ml



#44 AR-1268-4

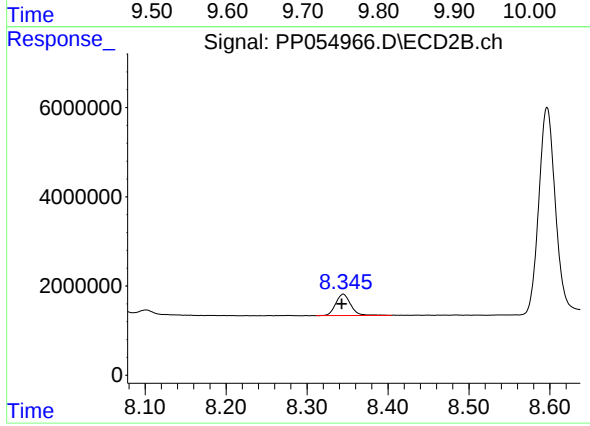
R.T.: 8.056 min
Delta R.T.: 0.002 min
Response: 18434564
Conc: 289.02 ng/ml



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: 0.005 min
Response: 7643916
Conc: 12.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: 0.002 min
Response: 6181558
Conc: 11.74 ng/ml