

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092723\
 Data File : PP060317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 19:23
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:22:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.685	113.7E6	80859787	50.786	54.323
2)	SA Decachlor...	10.456	8.750	88197435	81625893	49.955	50.041
Target Compounds							
3)	L1 AR-1016-1	5.719	4.783	1171370	820486	15.914	14.120
4)	L1 AR-1016-2	5.744	4.803	1394379	651186	13.314	8.089 #
5)	L1 AR-1016-3	5.805	4.982	591089	520134	9.044	11.638 #
6)	L1 AR-1016-4	5.905	5.023	585134	19533112	10.760	542.832 #
7)	L1 AR-1016-5	6.204	5.239	14665245	12209329	263.656	251.273
8)	L2 AR-1221-1	0.000	3.899	0	42943	N.D.	2.056 #
9)	L2 AR-1221-2	4.843	3.988	1793690	1266649	83.954	84.948
10)	L2 AR-1221-3	4.907	4.066	408971	287763	6.734	6.551
11)	L3 AR-1232-1	4.907f	4.066	408971	287763	8.124	7.908
12)	L3 AR-1232-2	5.448f	4.803	578932	651186	21.142	17.856
13)	L3 AR-1232-3	5.744	4.982	1394379	520134	30.040	25.987
14)	L3 AR-1232-4	5.905f	5.065	585134	6041916	23.806	323.716 #
15)	L3 AR-1232-5	5.997f	5.239	24318389	12209329	1173.573	587.005 #
16)	L4 AR-1242-1	5.719	4.783	1171370	820486	18.329	16.206
17)	L4 AR-1242-2	5.744	4.803	1394379	651186	15.400	9.377 #
18)	L4 AR-1242-3	5.805	4.982	591089	520134	10.499	13.506 #
19)	L4 AR-1242-4	5.905	5.065	585134	6041916	12.528	153.415 #
20)	L4 AR-1242-5	6.655	5.594	13460557	47988641	267.627	981.018 #
21)	L5 AR-1248-1	5.719	4.783	1171370	820486	25.178	22.483
22)	L5 AR-1248-2	5.997	5.023	24318389	19533112	350.736	373.683
23)	L5 AR-1248-3	6.204	5.065	14665245	6041916	193.092	108.816 #
24)	L5 AR-1248-4	6.612	5.239	20162362	12209329	243.784	185.476
25)	L5 AR-1248-5	6.655	5.634	13460557	5776708	167.247	89.809 #
26)	L6 AR-1254-1	6.586	5.594	41183768	47988641	482.583	485.132
27)	L6 AR-1254-2	6.807	5.742	61303508	41566481	480.336	483.652
28)	L6 AR-1254-3	7.177	6.149	63253986	69044317	475.893	481.727
29)	L6 AR-1254-4	7.465	6.378	46485596	41993517	472.707	481.781
30)	L6 AR-1254-5	7.888	6.800	51255068	60657247	473.081	478.671
31)	L7 AR-1260-1	7.344	6.281	27827110	33671963	265.463	335.461 #
32)	L7 AR-1260-2	7.601	6.468	30316123	26350485	250.741	220.867
33)	L7 AR-1260-3	7.949	6.623	8371494	27822200	90.317	243.000 #
34)	L7 AR-1260-4	8.182	7.099	21817014	3042580	205.722	31.966 #
35)	L7 AR-1260-5	8.530	7.340	7481535	6957249	38.660	32.103
36)	L8 AR-1262-1	7.949	6.890	8371494	1787459	67.114	33.381 #
37)	L8 AR-1262-2	8.530	7.099	7481535	3042580	35.714	25.795 #
38)	L8 AR-1262-3	8.874	7.627	6602833	262029	43.630	2.842 #
39)	L8 AR-1262-4	8.924f	7.688	1653544	7006981	13.817	41.594 #
40)	L8 AR-1262-5	0.000	8.192	0	285193	N.D.	3.681 #
41)	L9 AR-1268-1	8.874f	7.627	6602833	262029	24.888	0.964 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092723\
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Integration File signal 1: autoint1.e
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 Quant Time: Sep 28 01:22:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

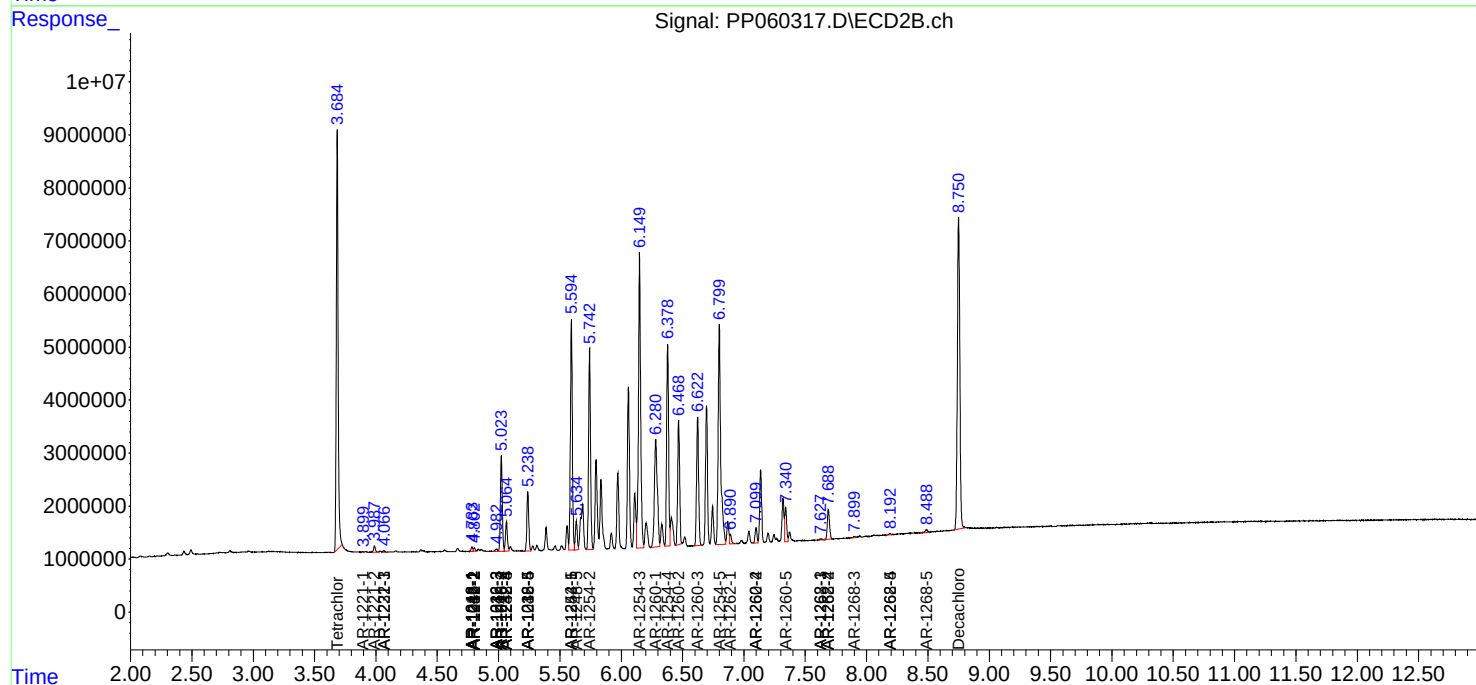
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

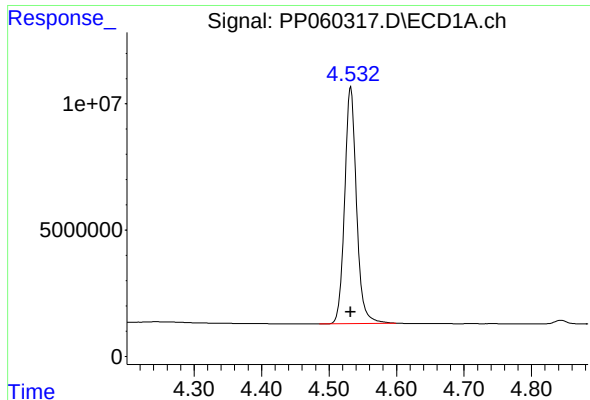
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.688	0	7006981	N.D.	28.732 #
43) L9	AR-1268-3	0.000	7.899	0	380328	N.D.	1.778 #
44) L9	AR-1268-4	0.000	8.192	0	285193	N.D.	3.251 #
45) L9	AR-1268-5	10.092	8.488	765350	791987	1.209	1.267

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

Instrument :
ECD_P
ClientSampleId :

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

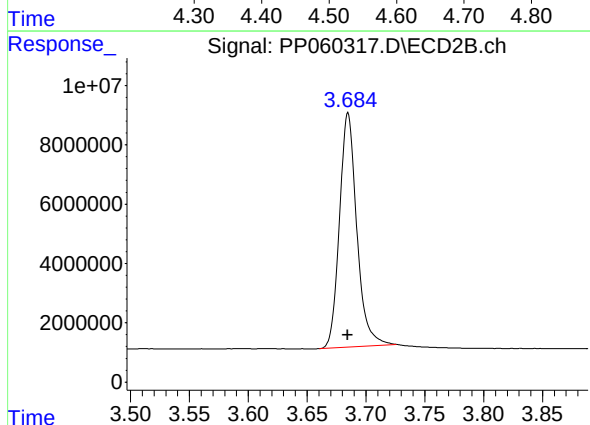




#1 Tetrachloro-m-xylene

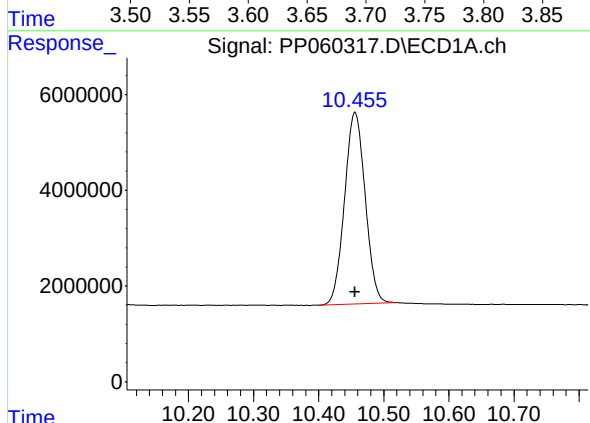
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 113734456
Conc: 50.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



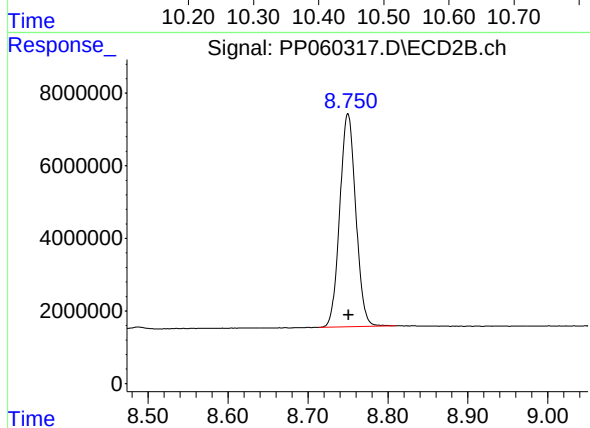
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 80859787
Conc: 54.32 ng/ml



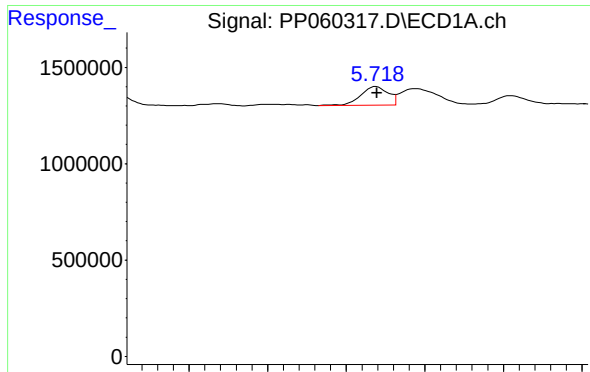
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 88197435
Conc: 49.96 ng/ml



#2 Decachlorobiphenyl

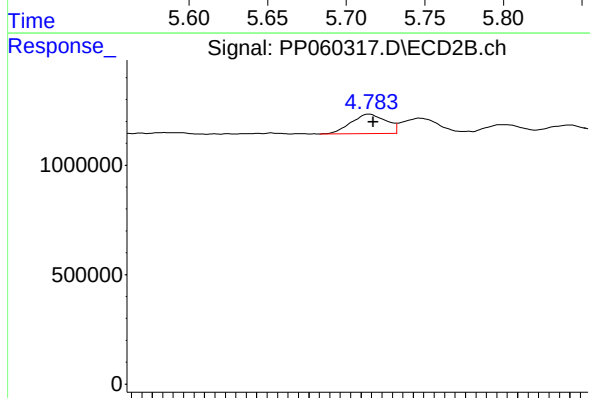
R.T.: 8.750 min
Delta R.T.: 0.000 min
Response: 81625893
Conc: 50.04 ng/ml



#3 AR-1016-1

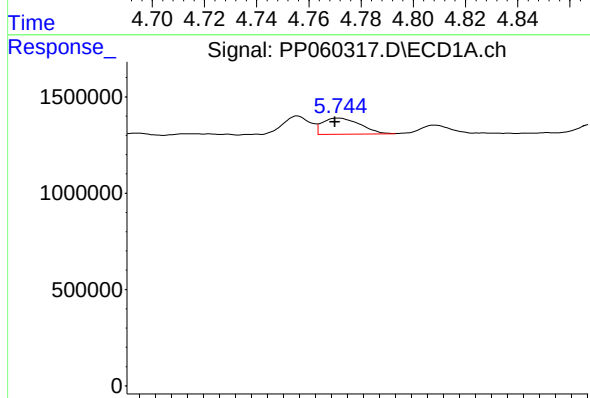
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1171370
Conc: 15.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



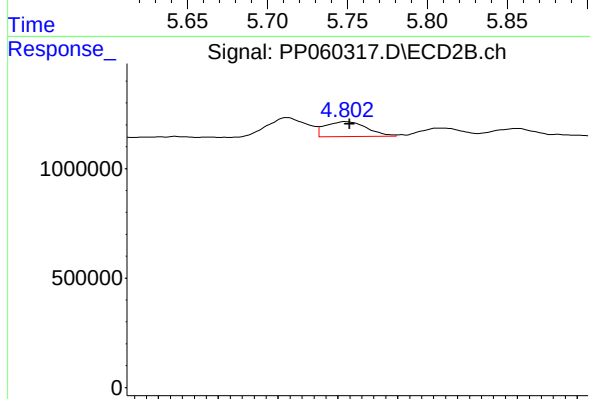
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 820486
Conc: 14.12 ng/ml



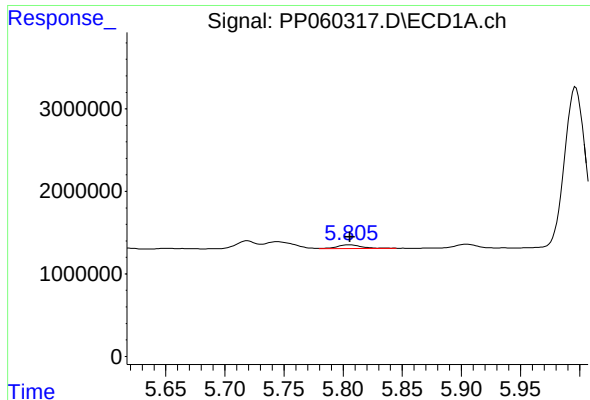
#4 AR-1016-2

R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1394379
Conc: 13.31 ng/ml



#4 AR-1016-2

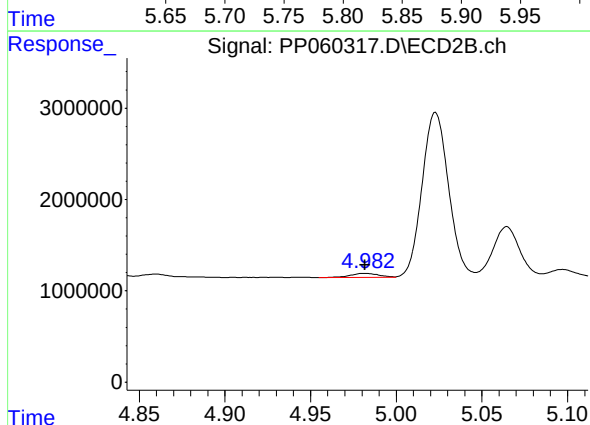
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 651186
Conc: 8.09 ng/ml



#5 AR-1016-3

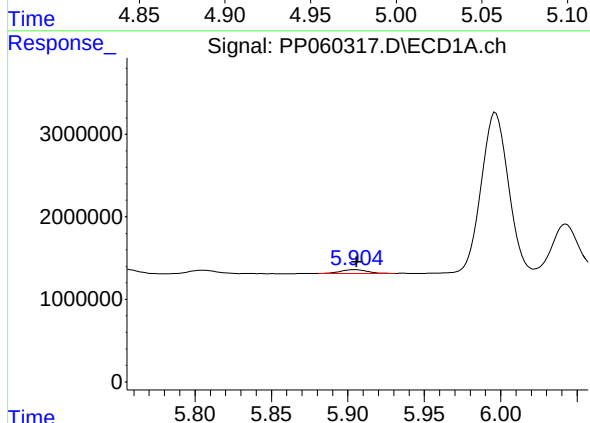
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 591089
Conc: 9.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



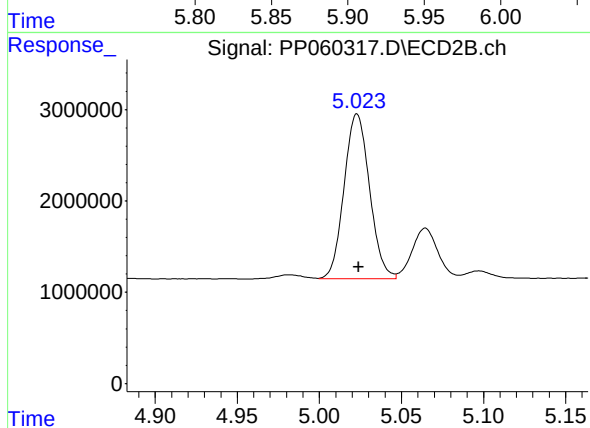
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 520134
Conc: 11.64 ng/ml



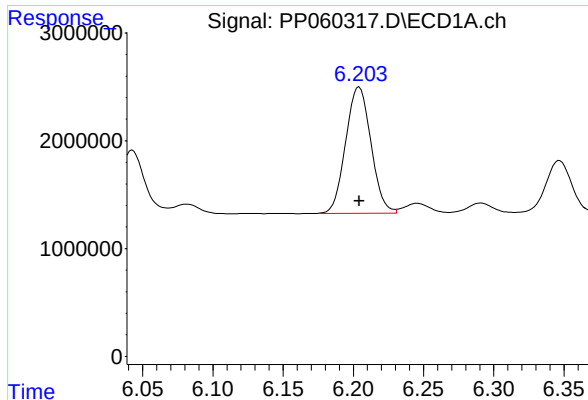
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: -0.001 min
Response: 585134
Conc: 10.76 ng/ml



#6 AR-1016-4

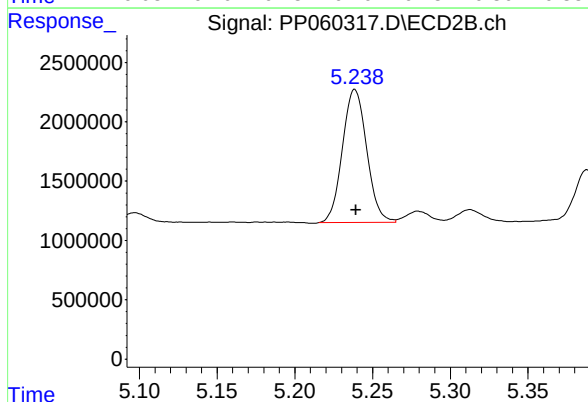
R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 19533112
Conc: 542.83 ng/ml



#7 AR-1016-5

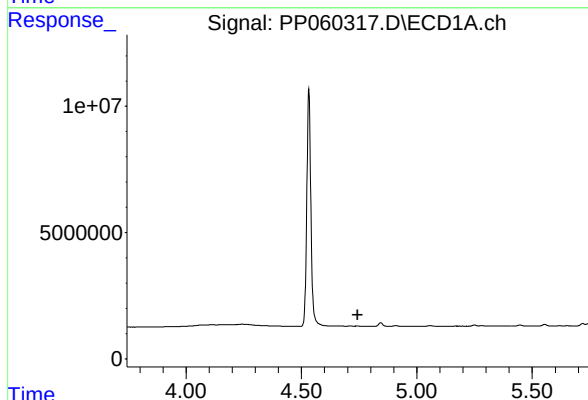
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 14665245
Conc: 263.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



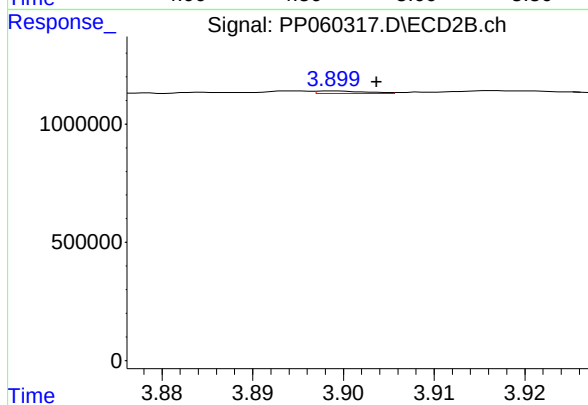
#7 AR-1016-5

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 12209329
Conc: 251.27 ng/ml



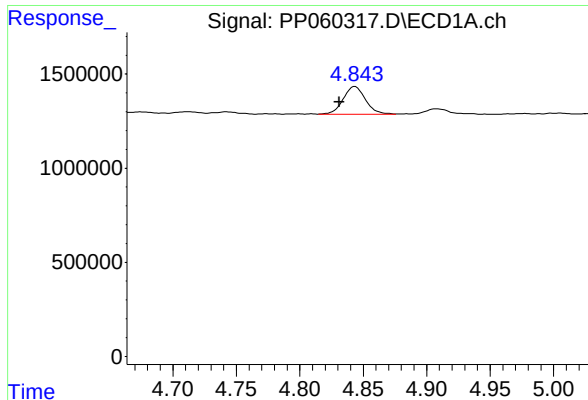
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

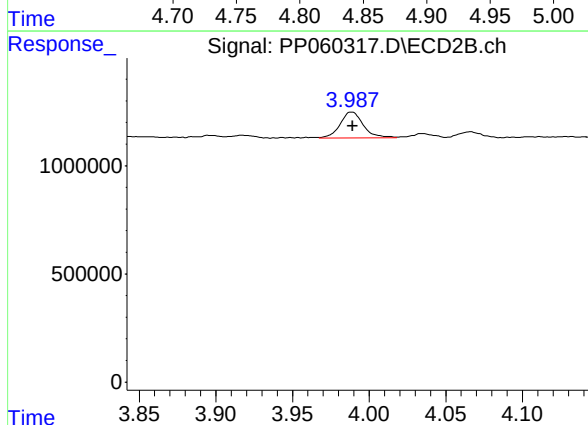
R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 42943
Conc: 2.06 ng/ml



#9 AR-1221-2

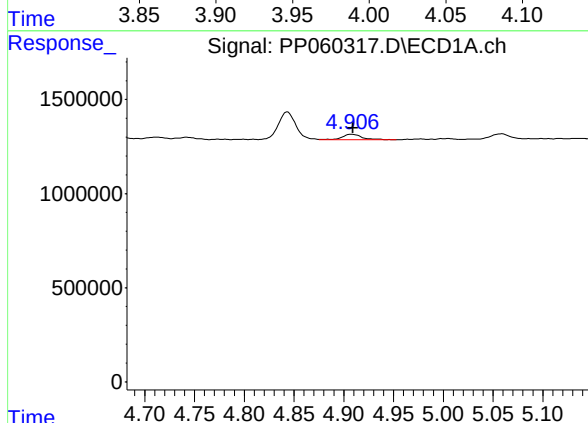
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 1793690
Conc: 83.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



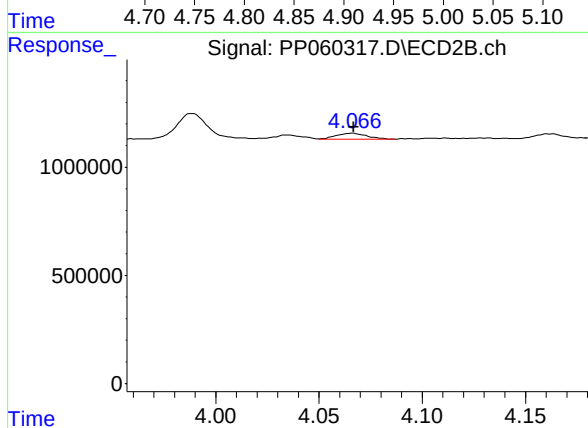
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 1266649
Conc: 84.95 ng/ml



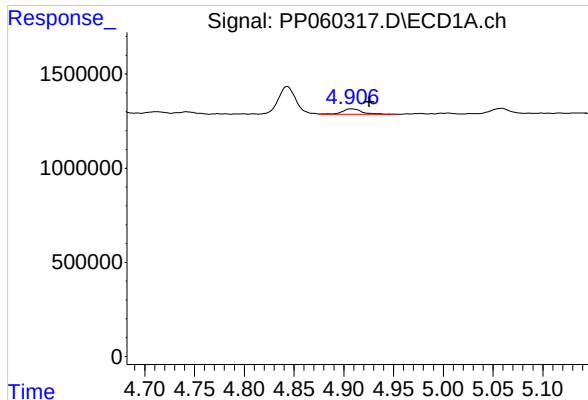
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 408971
Conc: 6.73 ng/ml



#10 AR-1221-3

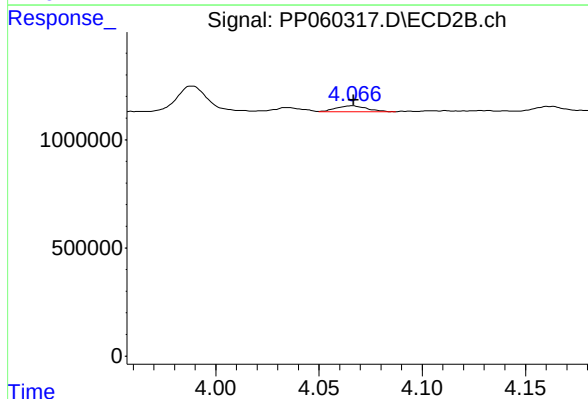
R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 287763
Conc: 6.55 ng/ml



#11 AR-1232-1

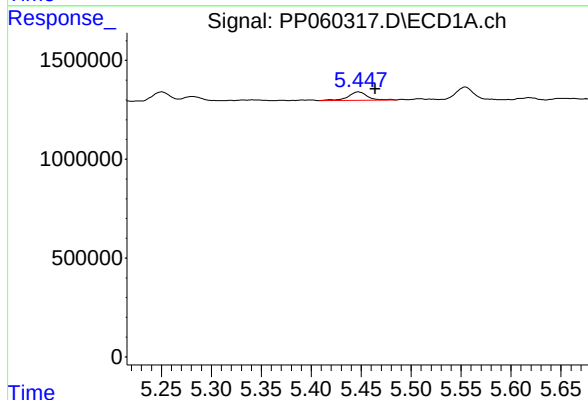
R.T.: 4.907 min
Delta R.T.: -0.018 min
Response: 408971
Conc: 8.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



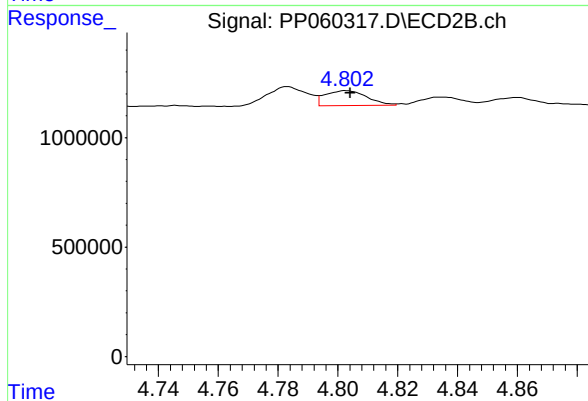
#11 AR-1232-1

R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 287763
Conc: 7.91 ng/ml



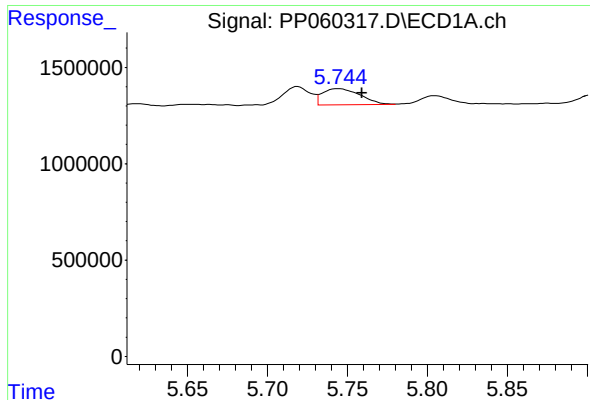
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.017 min
Response: 578932
Conc: 21.14 ng/ml



#12 AR-1232-2

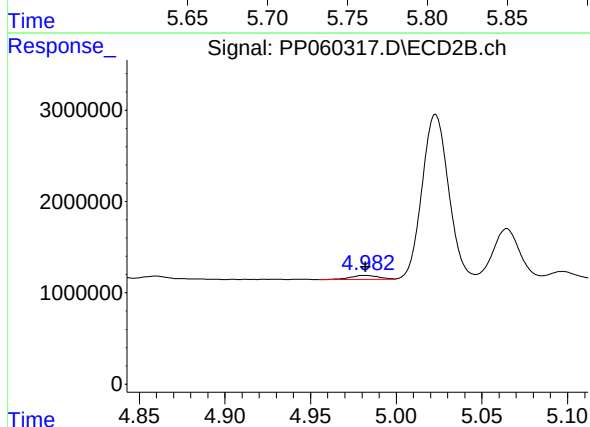
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 651186
Conc: 17.86 ng/ml



#13 AR-1232-3

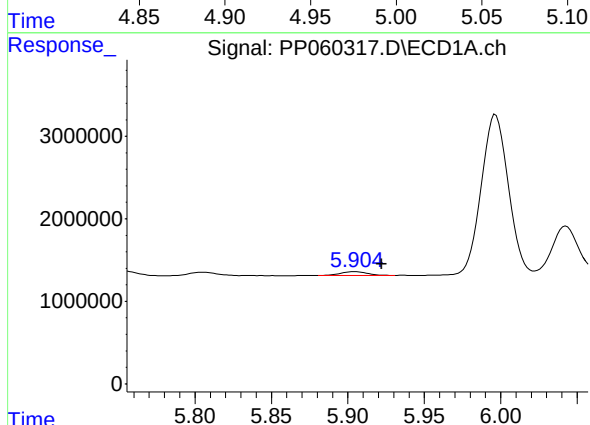
R.T.: 5.744 min
Delta R.T.: -0.015 min
Response: 1394379
Conc: 30.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



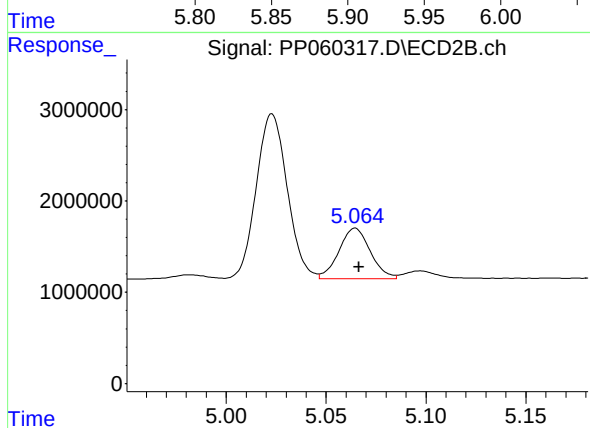
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 520134
Conc: 25.99 ng/ml



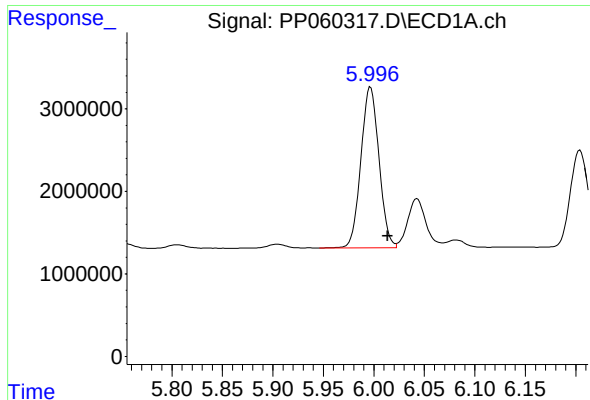
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.018 min
Response: 585134
Conc: 23.81 ng/ml



#14 AR-1232-4

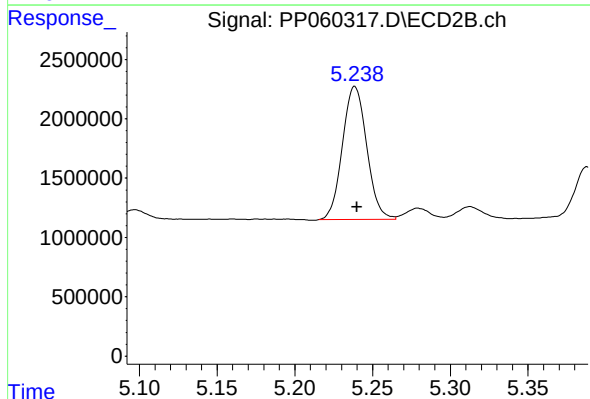
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 6041916
Conc: 323.72 ng/ml



#15 AR-1232-5

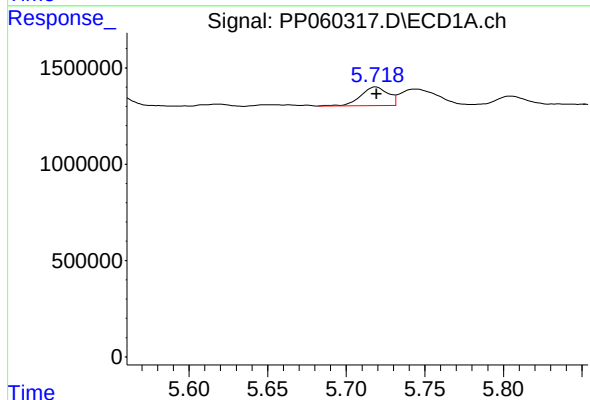
R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 24318389
Conc: 1173.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



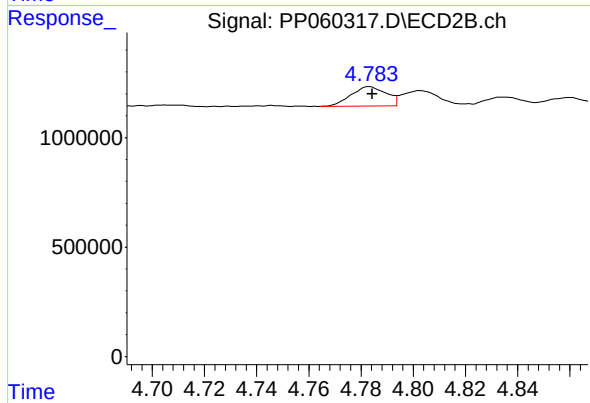
#15 AR-1232-5

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 12209329
Conc: 587.00 ng/ml



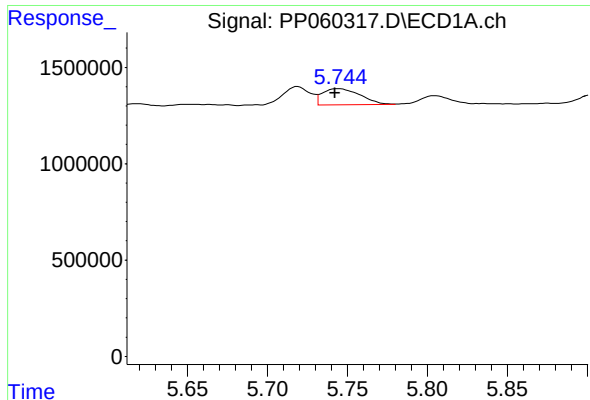
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1171370
Conc: 18.33 ng/ml



#16 AR-1242-1

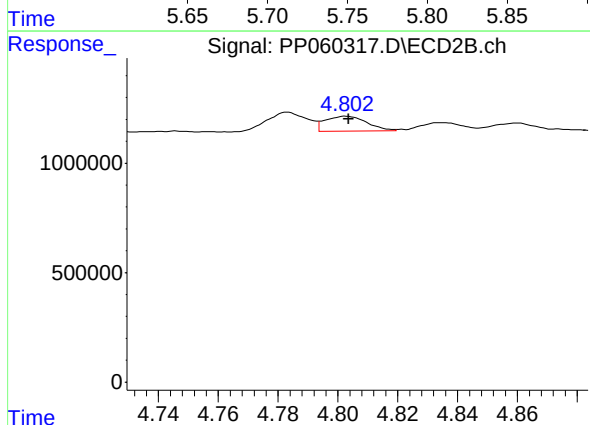
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 820486
Conc: 16.21 ng/ml



#17 AR-1242-2

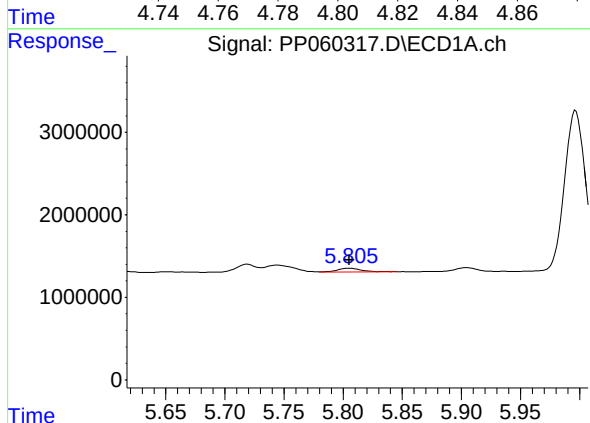
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1394379
Conc: 15.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



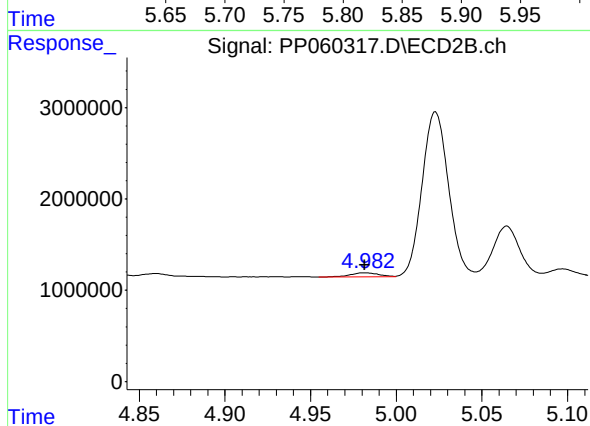
#17 AR-1242-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 651186
Conc: 9.38 ng/ml



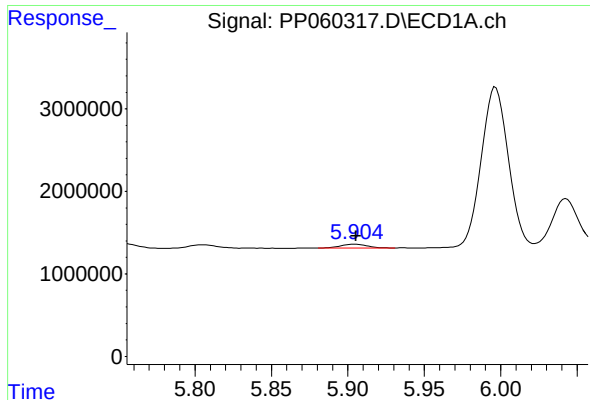
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 591089
Conc: 10.50 ng/ml



#18 AR-1242-3

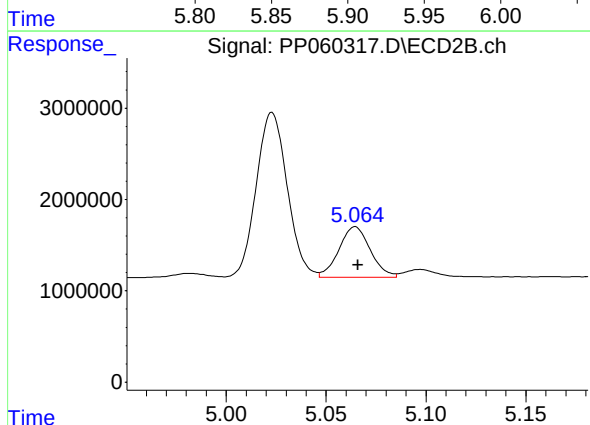
R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 520134
Conc: 13.51 ng/ml



#19 AR-1242-4

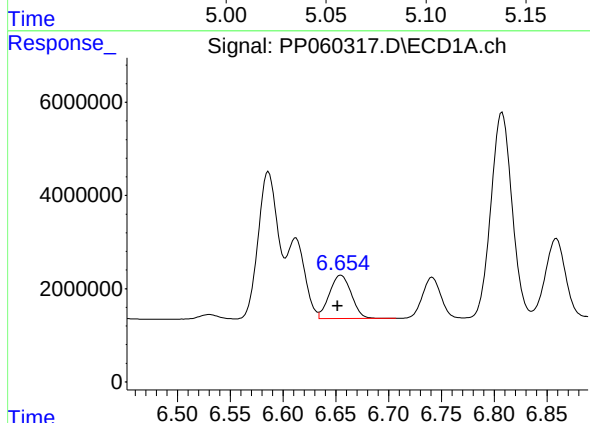
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 585134
Conc: 12.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



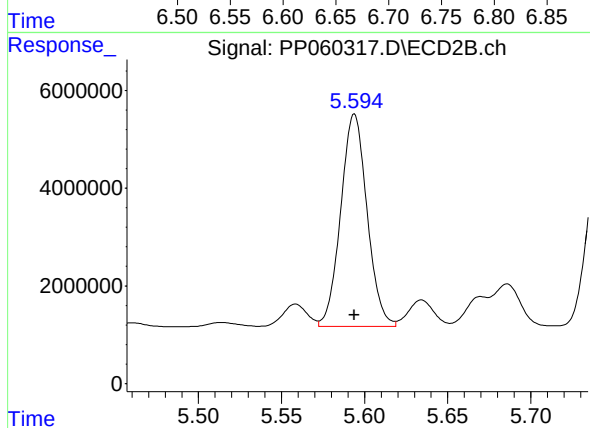
#19 AR-1242-4

R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 6041916
Conc: 153.41 ng/ml



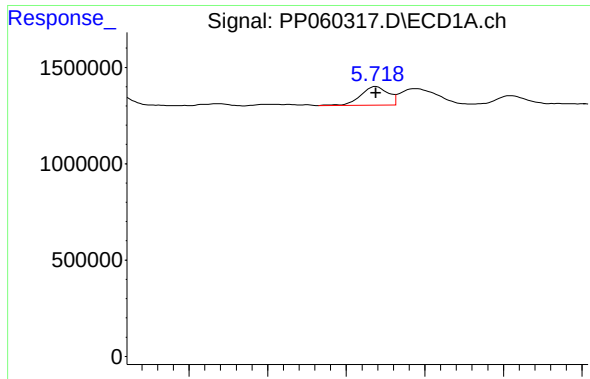
#20 AR-1242-5

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 13460557
Conc: 267.63 ng/ml



#20 AR-1242-5

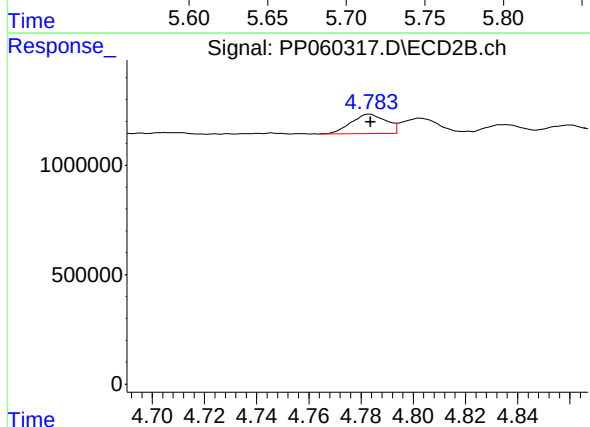
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 47988641
Conc: 981.02 ng/ml



#21 AR-1248-1

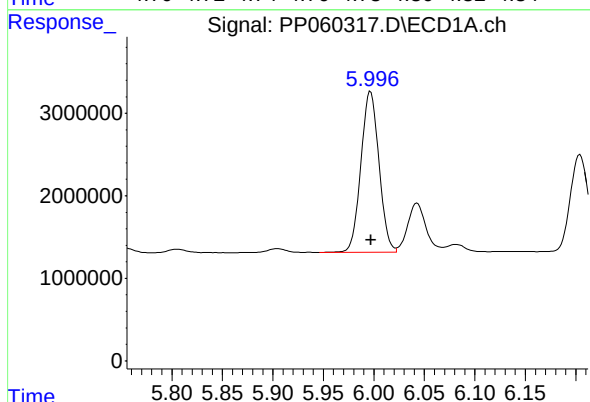
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1171370
Conc: 25.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



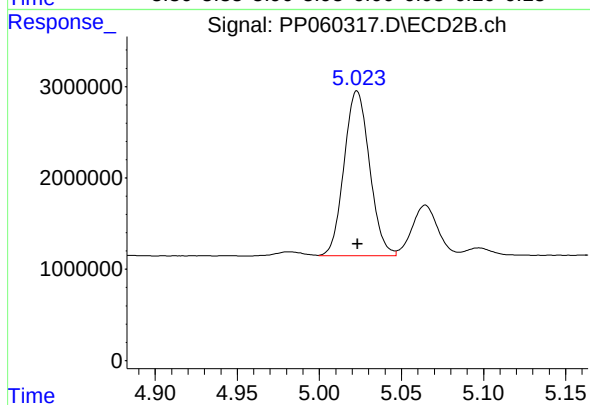
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 820486
Conc: 22.48 ng/ml



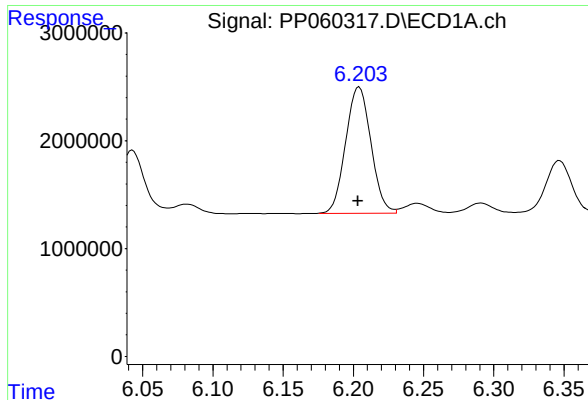
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 24318389
Conc: 350.74 ng/ml



#22 AR-1248-2

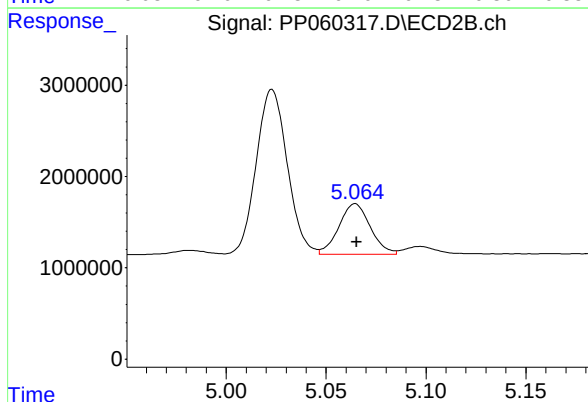
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 19533112
Conc: 373.68 ng/ml



#23 AR-1248-3

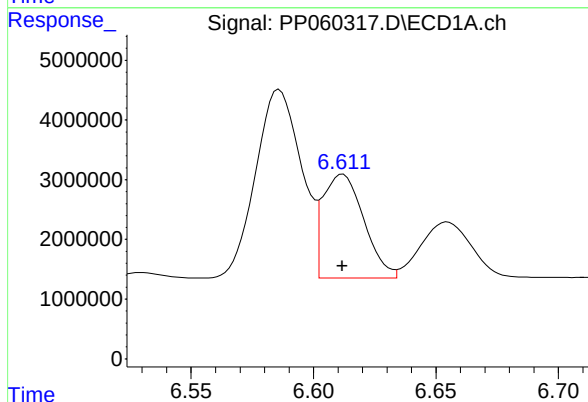
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 14665245
Conc: 193.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



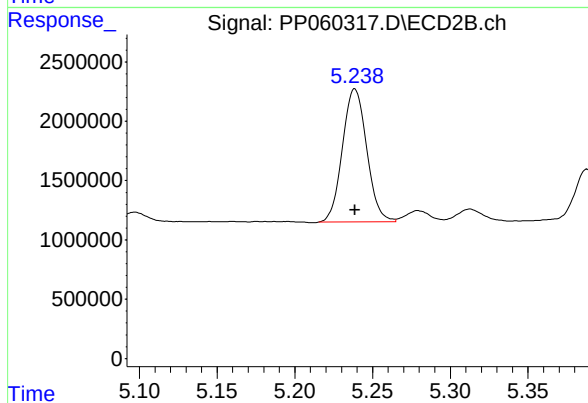
#23 AR-1248-3

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 6041916
Conc: 108.82 ng/ml



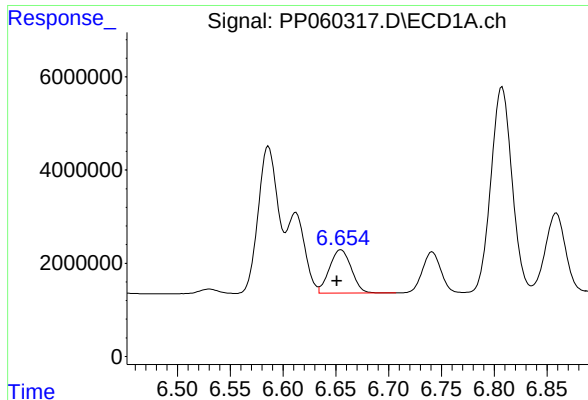
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 20162362
Conc: 243.78 ng/ml



#24 AR-1248-4

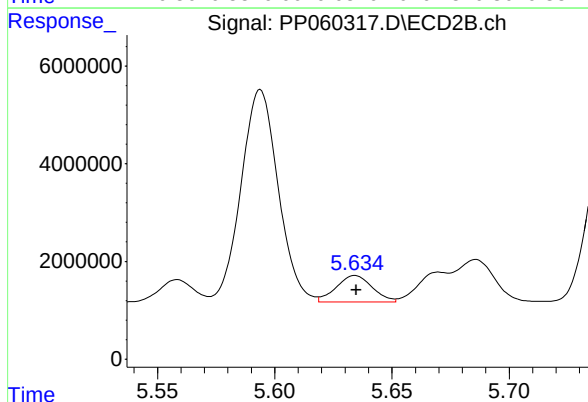
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 12209329
Conc: 185.48 ng/ml



#25 AR-1248-5

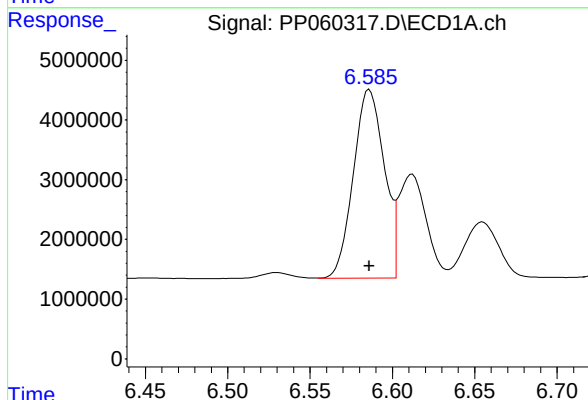
R.T.: 6.655 min
Delta R.T.: 0.004 min
Response: 13460557
Conc: 167.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



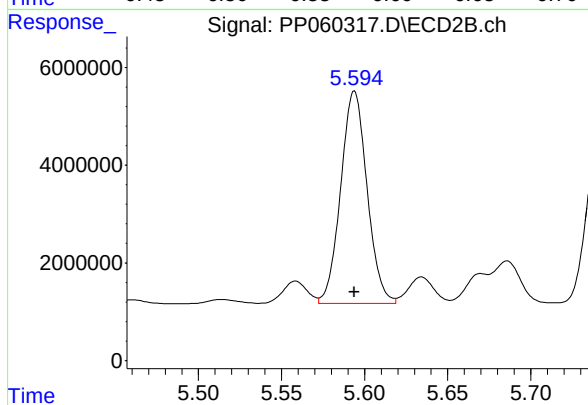
#25 AR-1248-5

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 5776708
Conc: 89.81 ng/ml



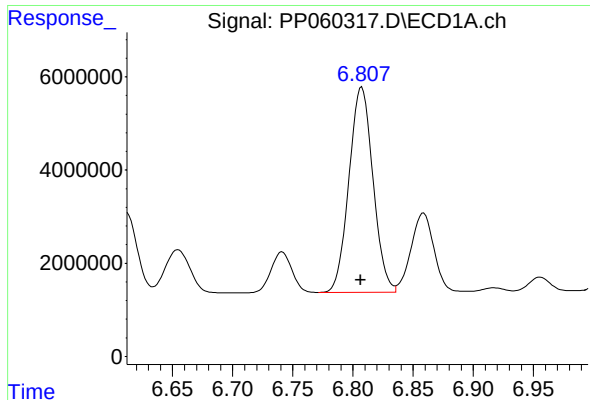
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 41183768
Conc: 482.58 ng/ml



#26 AR-1254-1

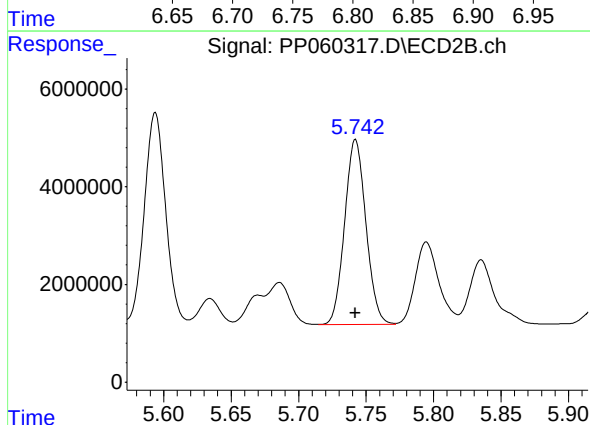
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 47988641
Conc: 485.13 ng/ml



#27 AR-1254-2

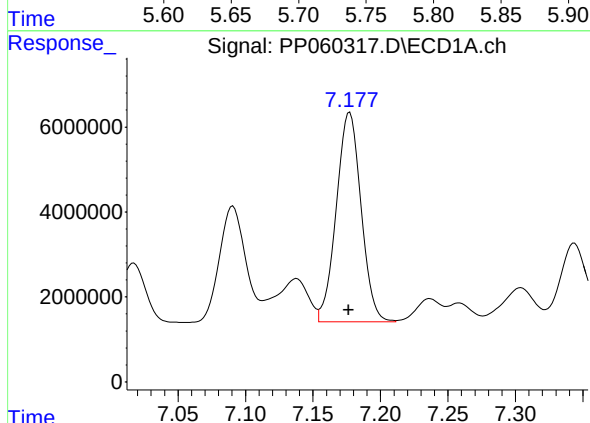
R.T.: 6.807 min
Delta R.T.: 0.001 min
Response: 61303508
Conc: 480.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



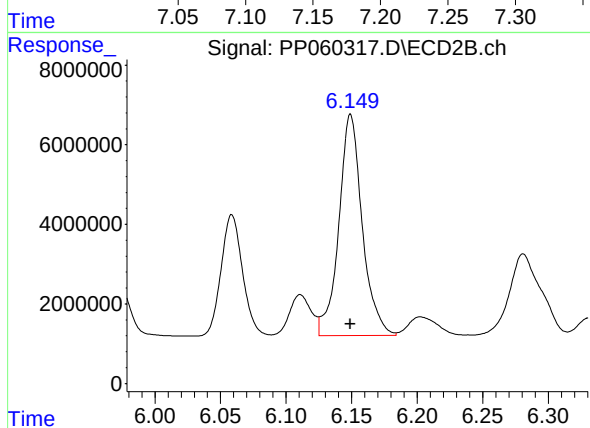
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 41566481
Conc: 483.65 ng/ml



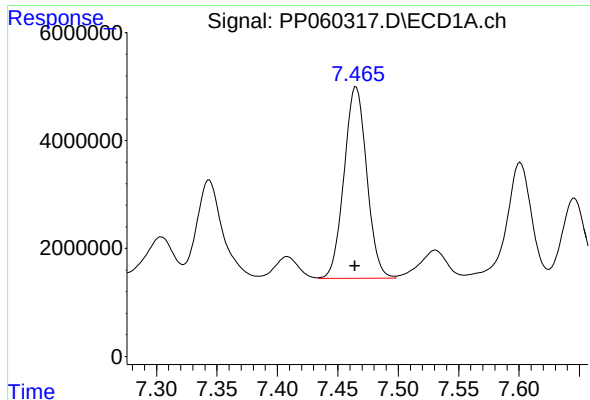
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 63253986
Conc: 475.89 ng/ml



#28 AR-1254-3

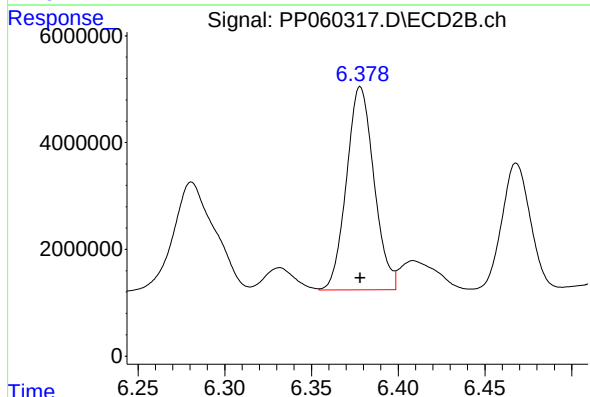
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 69044317
Conc: 481.73 ng/ml



#29 AR-1254-4

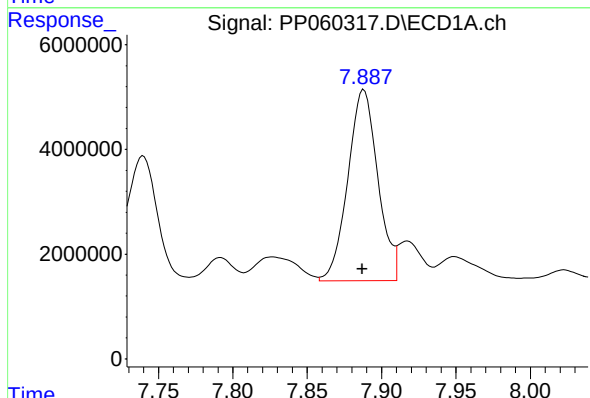
R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 46485596
Conc: 472.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



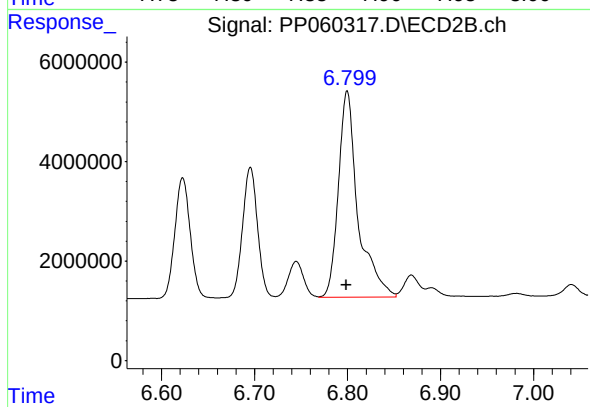
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 41993517
Conc: 481.78 ng/ml



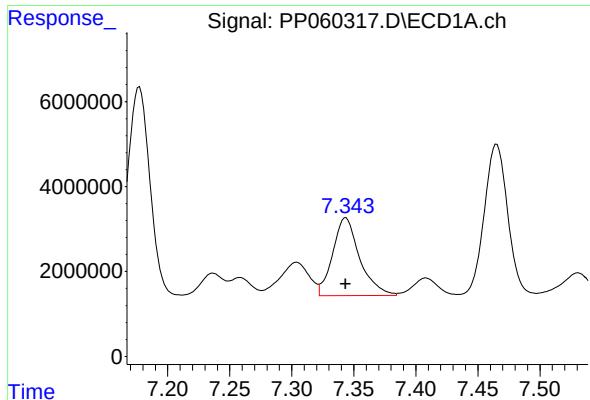
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 51255068
Conc: 473.08 ng/ml



#30 AR-1254-5

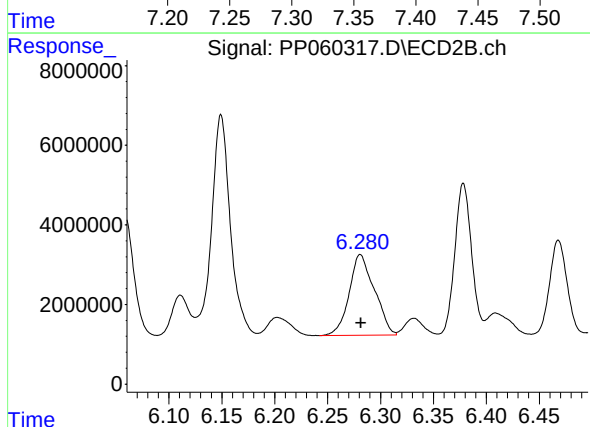
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 60657247
Conc: 478.67 ng/ml



#31 AR-1260-1

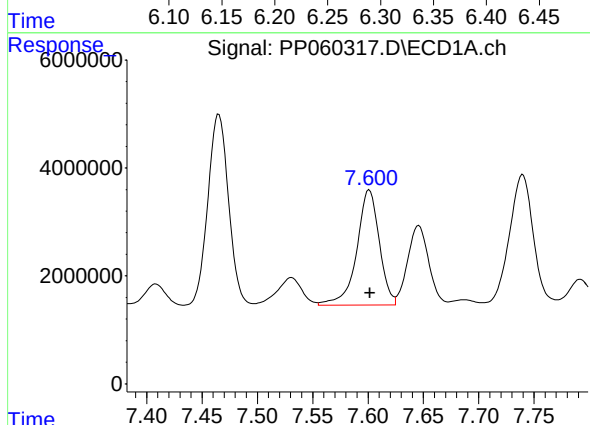
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 27827110
Conc: 265.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



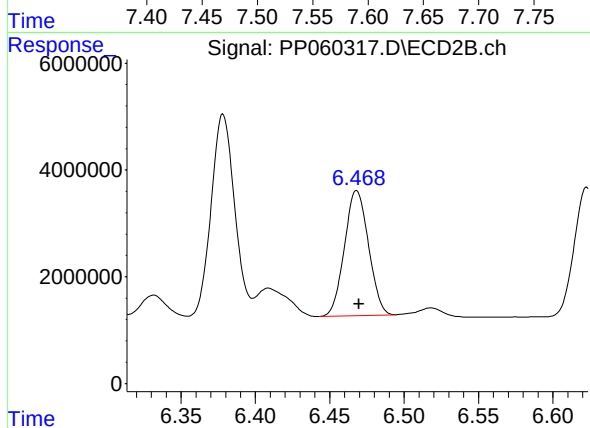
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 33671963
Conc: 335.46 ng/ml



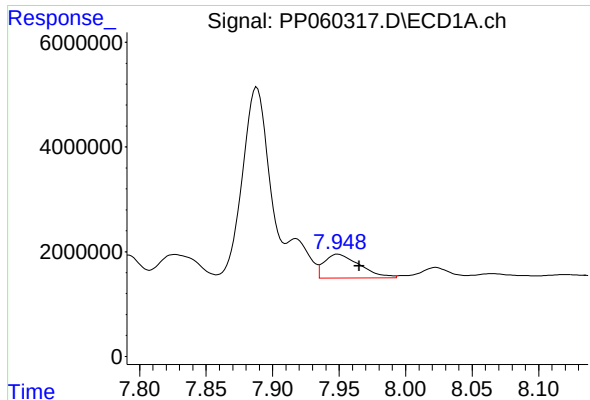
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 30316123
Conc: 250.74 ng/ml



#32 AR-1260-2

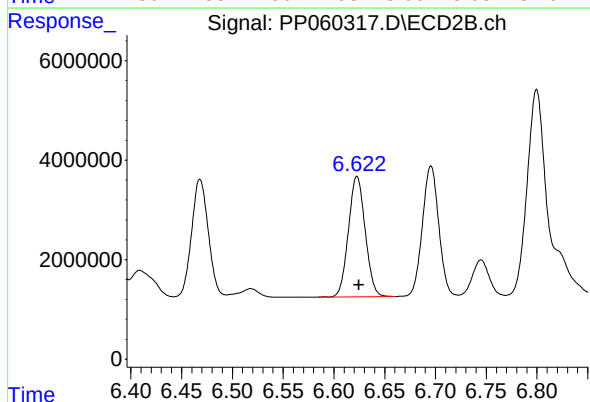
R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 26350485
Conc: 220.87 ng/ml



#33 AR-1260-3

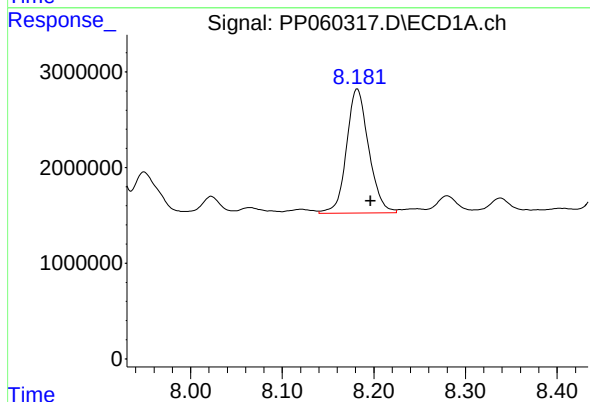
R.T.: 7.949 min
Delta R.T.: -0.016 min
Response: 8371494
Conc: 90.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



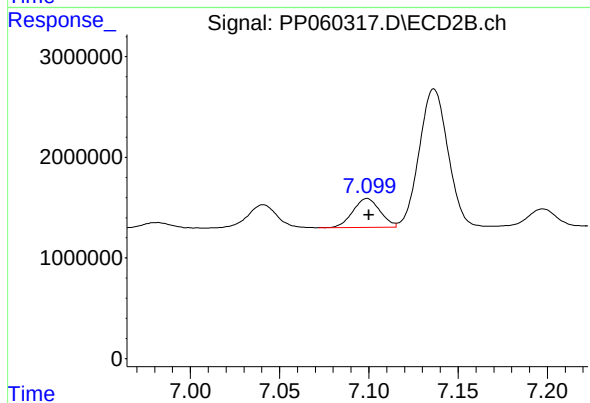
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 27822200
Conc: 243.00 ng/ml



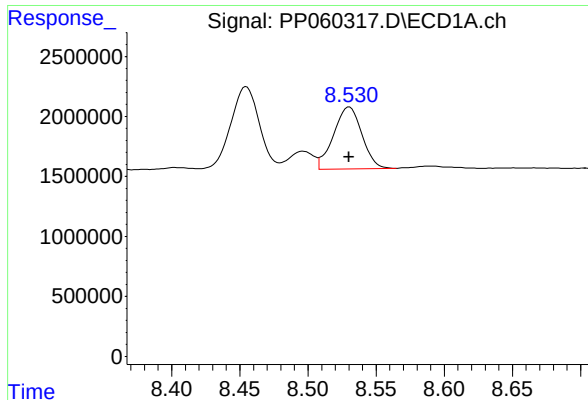
#34 AR-1260-4

R.T.: 8.182 min
Delta R.T.: -0.014 min
Response: 21817014
Conc: 205.72 ng/ml



#34 AR-1260-4

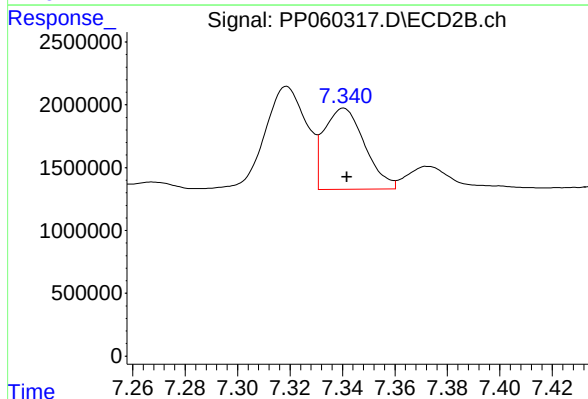
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 3042580
Conc: 31.97 ng/ml



#35 AR-1260-5

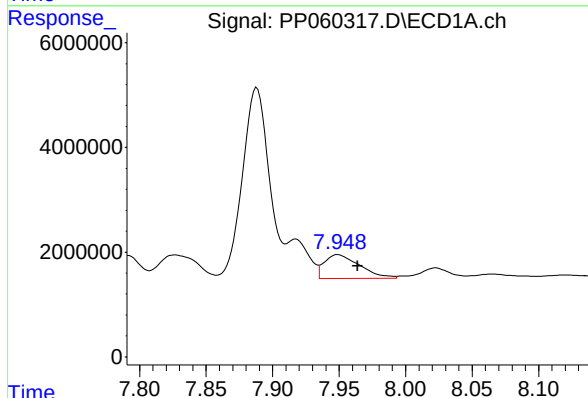
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7481535
Conc: 38.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



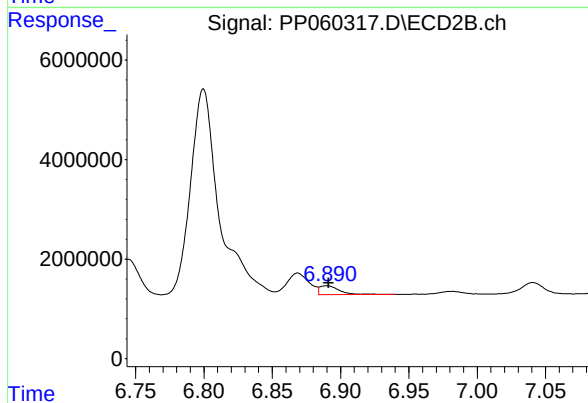
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.001 min
Response: 6957249
Conc: 32.10 ng/ml



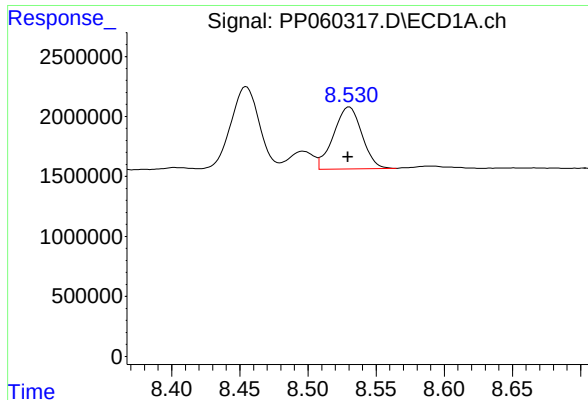
#36 AR-1262-1

R.T.: 7.949 min
Delta R.T.: -0.014 min
Response: 8371494
Conc: 67.11 ng/ml



#36 AR-1262-1

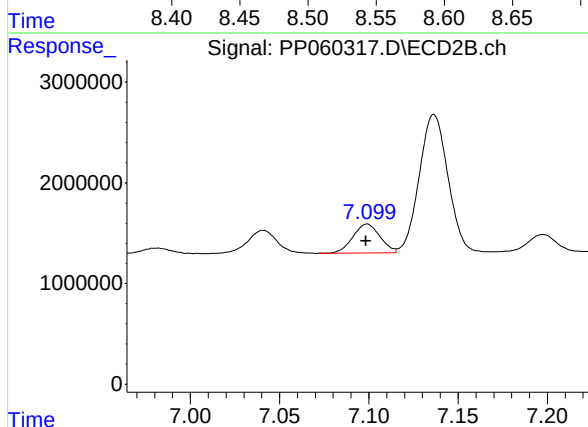
R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 1787459
Conc: 33.38 ng/ml



#37 AR-1262-2

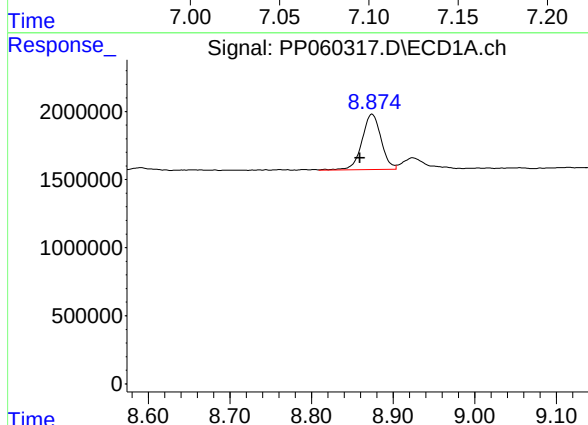
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7481535
Conc: 35.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



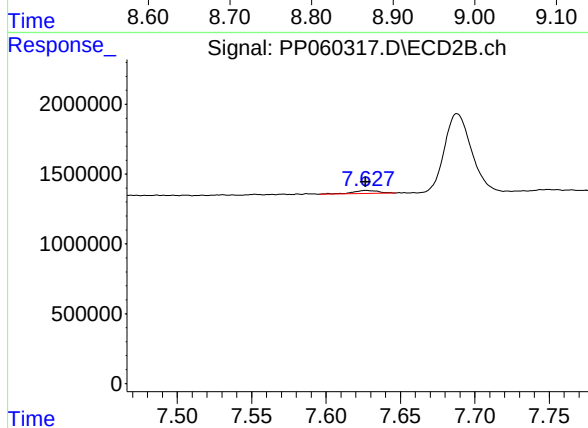
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 3042580
Conc: 25.80 ng/ml



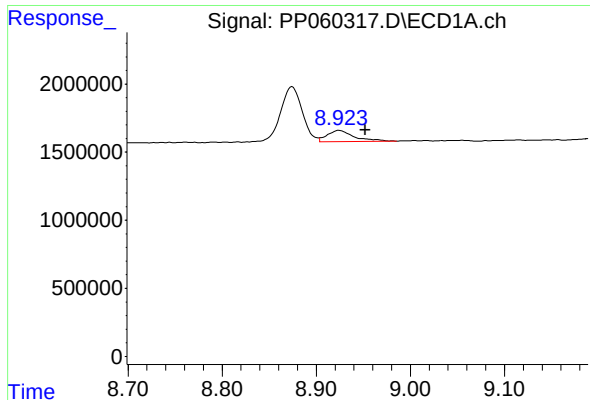
#38 AR-1262-3

R.T.: 8.874 min
Delta R.T.: 0.015 min
Response: 6602833
Conc: 43.63 ng/ml



#38 AR-1262-3

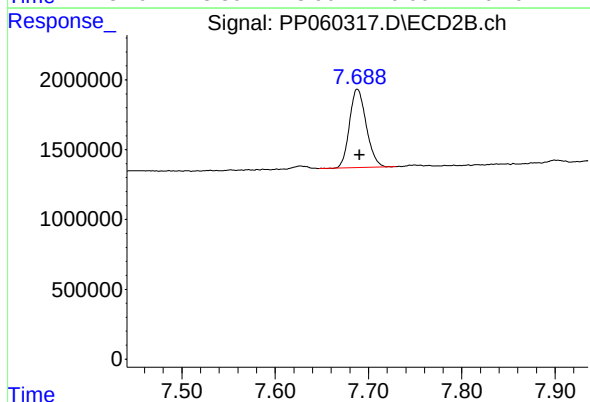
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 262029
Conc: 2.84 ng/ml



#39 AR-1262-4

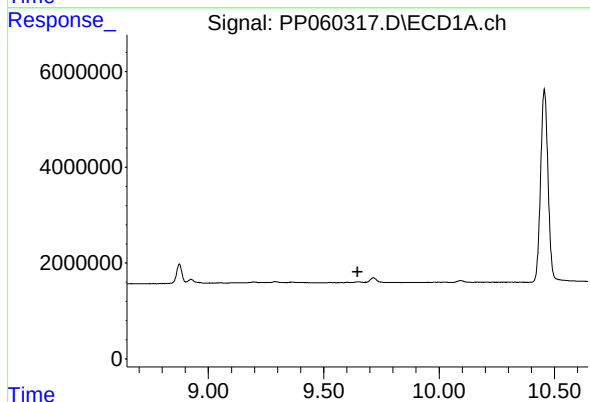
R.T.: 8.924 min
Delta R.T.: -0.028 min
Response: 1653544
Conc: 13.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



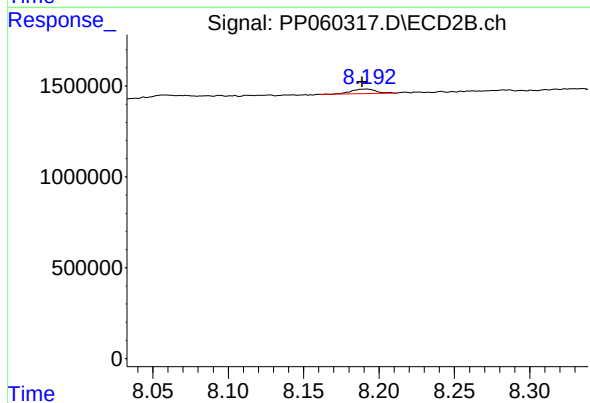
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 7006981
Conc: 41.59 ng/ml



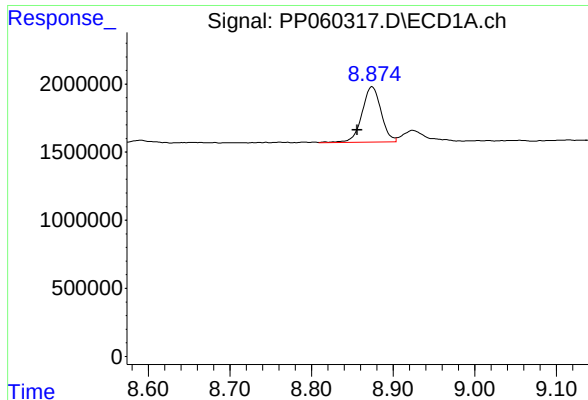
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

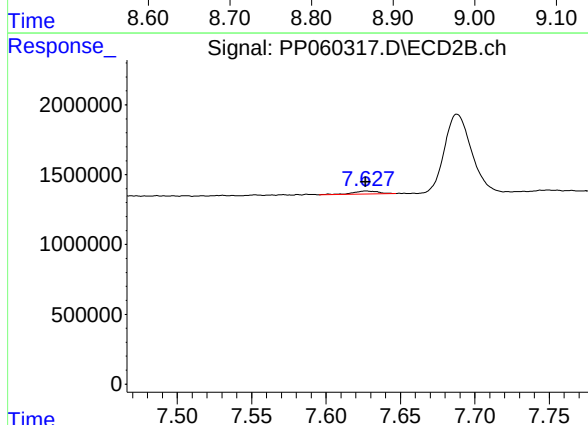
R.T.: 8.192 min
Delta R.T.: 0.003 min
Response: 285193
Conc: 3.68 ng/ml



#41 AR-1268-1

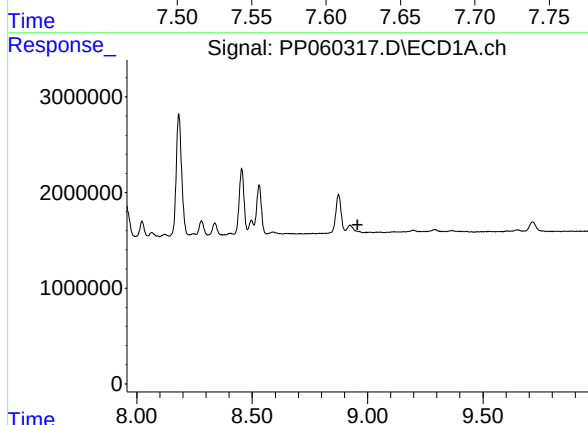
R.T.: 8.874 min
Delta R.T.: 0.018 min
Response: 6602833
Conc: 24.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



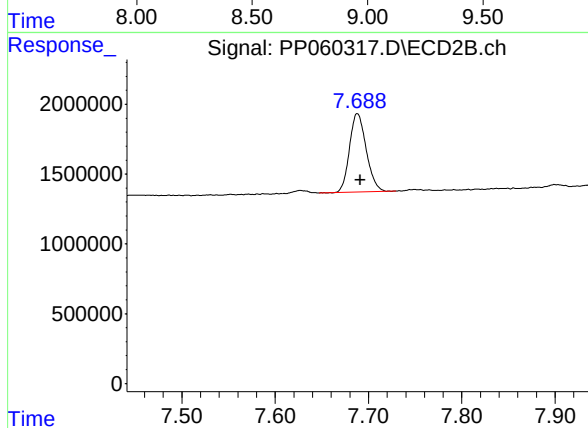
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 262029
Conc: 0.96 ng/ml



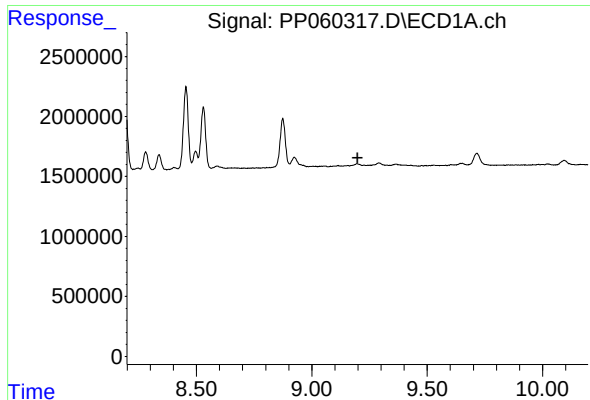
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

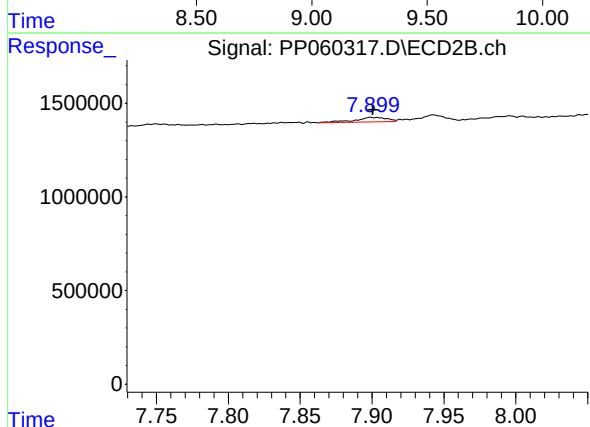
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 7006981
Conc: 28.73 ng/ml



#43 AR-1268-3

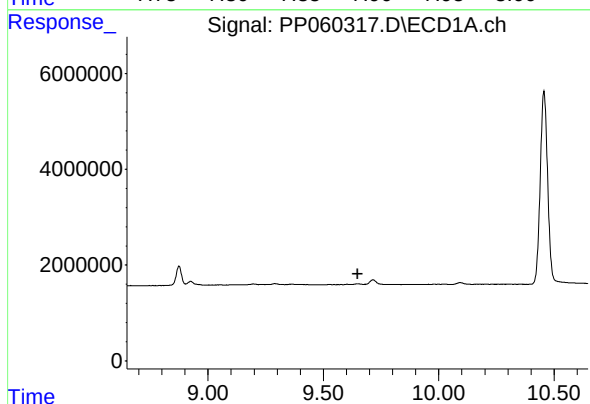
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



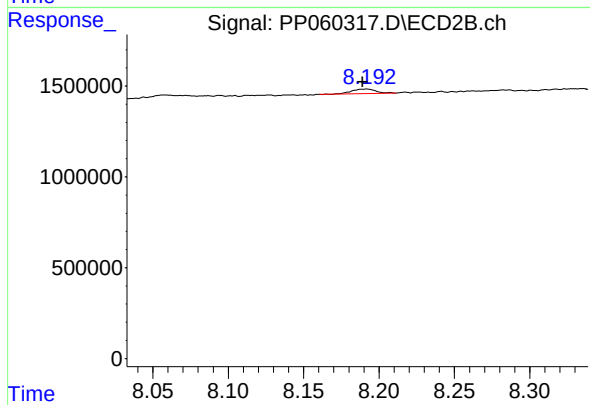
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 380328
Conc: 1.78 ng/ml



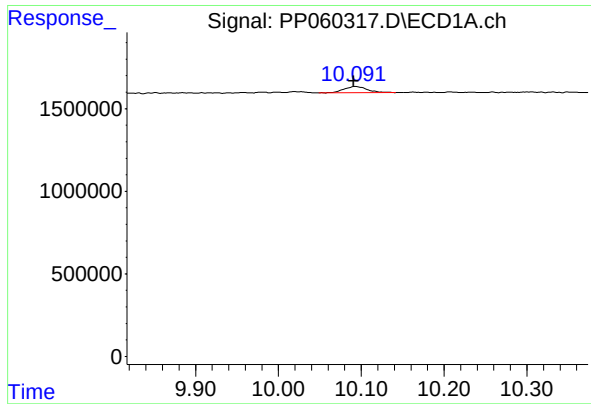
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

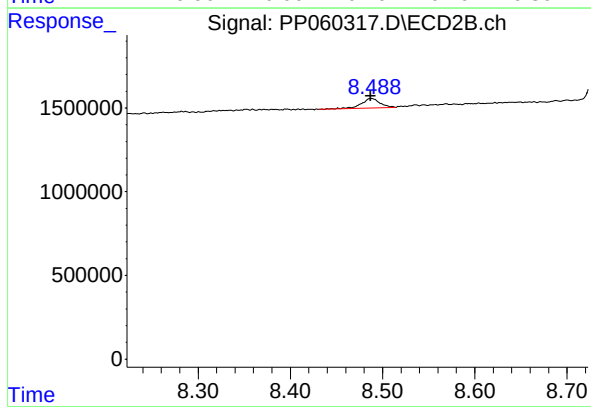
R.T.: 8.192 min
Delta R.T.: 0.003 min
Response: 285193
Conc: 3.25 ng/ml



#45 AR-1268-5

R.T.: 10.092 min
Delta R.T.: 0.001 min
Response: 765350
Conc: 1.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 791987
Conc: 1.27 ng/ml