

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092823\
 Data File : PP060378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 23:18
 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 29 00:19:02 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	120.8E6	86613366	53.947	58.188
2) SA Decachlor...	10.456	8.749	94567767	85965968	53.563	52.701
Target Compounds						
3) L1 AR-1016-1	5.718	4.783	1305428	975745	17.736	16.791
4) L1 AR-1016-2	5.744	4.801	1612268	757177	15.394	9.405 #
5) L1 AR-1016-3	5.806	4.981	730013	569979	11.170	12.753
6) L1 AR-1016-4	5.905	5.022	673536	18650982	12.386	518.317 #
7) L1 AR-1016-5	6.204	5.237	15627758	15162749	280.960	312.055
8) L2 AR-1221-1	0.000	3.898	0	98492	N.D.	4.715 #
9) L2 AR-1221-2	4.843	3.988	2089145	1390605	97.783	93.261
10) L2 AR-1221-3	4.908	4.066	398964	292371	6.570	6.656
11) L3 AR-1232-1	4.908f	4.066	398964	292371	7.926	8.034
12) L3 AR-1232-2	5.447f	4.801	557683	757177	20.366	20.763
13) L3 AR-1232-3	5.744f	4.981	1612268	569979	34.734	28.477
14) L3 AR-1232-4	5.905f	5.064	673536	6501089	27.402	348.318 #
15) L3 AR-1232-5	5.997f	5.237	25587102	15162749	1234.799	729.001 #
16) L4 AR-1242-1	5.718	4.783	1305428	975745	20.427	19.273
17) L4 AR-1242-2	5.744	4.801	1612268	757177	17.806	10.903 #
18) L4 AR-1242-3	5.806	4.981	730013	569979	12.966	14.801
19) L4 AR-1242-4	5.905	5.064	673536	6501089	14.421	165.074 #
20) L4 AR-1242-5	6.655	5.593	16765919	51684388	333.345	1056.569 #
21) L5 AR-1248-1	5.718	4.783	1305428	975745	28.059	26.737
22) L5 AR-1248-2	5.997	5.022	25587102	18650982	369.035	356.807
23) L5 AR-1248-3	6.204	5.064	15627758	6501089	205.765	117.086 #
24) L5 AR-1248-4	6.612	5.237	22272159	15162749	269.294	230.342
25) L5 AR-1248-5	6.655	5.633	16765919	7021953	208.316	109.168 #
26) L6 AR-1254-1	6.586	5.593	43945167	51684388	514.940	522.493
27) L6 AR-1254-2	6.807	5.741	65799723	44506581	515.565	517.862
28) L6 AR-1254-3	7.177	6.148	69213959	72820720	520.733	508.075
29) L6 AR-1254-4	7.465	6.377	50014441	44034123	508.592	505.193
30) L6 AR-1254-5	7.888	6.798	54611311	64472603	504.059	508.779
31) L7 AR-1260-1	7.343	6.280	30389644	35409448	289.909	352.771
32) L7 AR-1260-2	7.602	6.468	32943579	29075649	272.472	243.709
33) L7 AR-1260-3	7.950	6.622	9629052	29571533	103.884	258.279 #
34) L7 AR-1260-4	8.183	7.098	23937888	3264808	225.721	34.301 #
35) L7 AR-1260-5	8.529	7.340	7952540	7579957	41.094	34.977
36) L8 AR-1262-1	7.950	6.890	9629052	1679333	77.196	31.362 #
37) L8 AR-1262-2	8.529	7.098	7952540	3264808	37.963	27.680 #
38) L8 AR-1262-3	8.874	7.627	7079901	218639	46.782	2.371 #
39) L8 AR-1262-4	8.925f	7.688	1735295	7269682	14.500	43.153 #
40) L8 AR-1262-5	0.000	8.188	0	243366	N.D.	3.141 #
41) L9 AR-1268-1	8.874f	7.627	7079901	218639	26.686	0.804 #

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 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

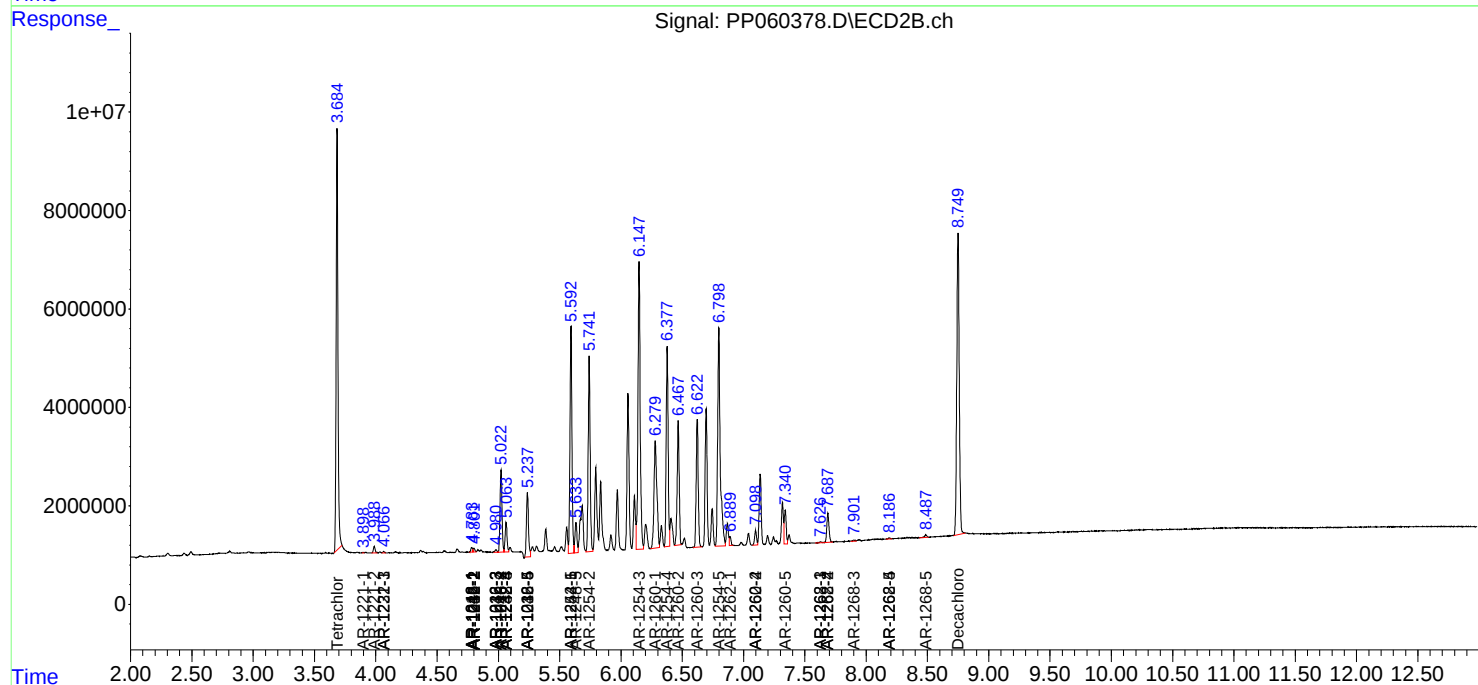
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

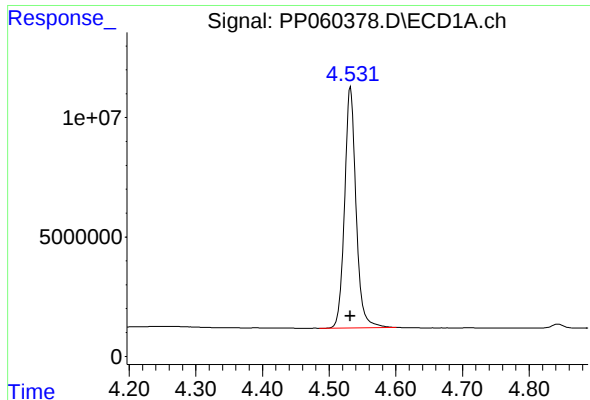
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.688	0	7269682	N.D.	29.809 #
43) L9	AR-1268-3	0.000	7.901	0	361946	N.D.	1.692 #
44) L9	AR-1268-4	0.000	8.188	0	243366	N.D.	2.774 #
45) L9	AR-1268-5	10.092	8.487	835019	738856	1.319	1.182

(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

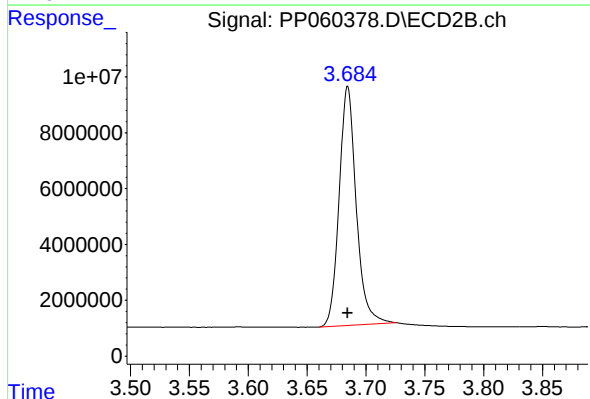




#1 Tetrachloro-m-xylene

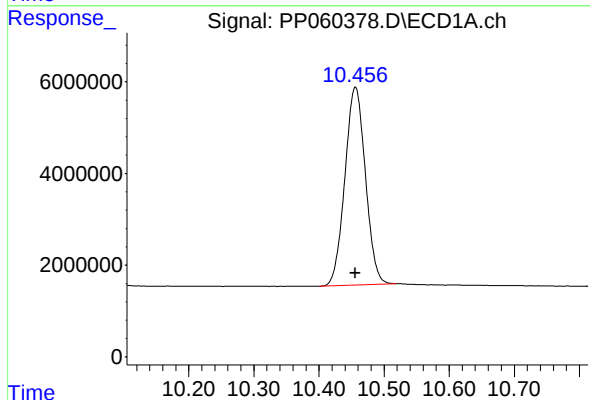
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 120813709
Conc: 53.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



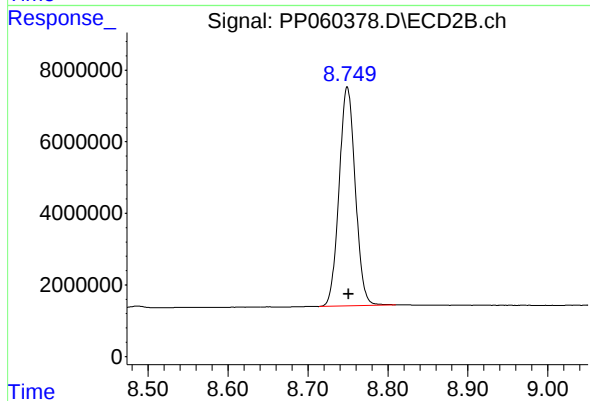
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 86613366
Conc: 58.19 ng/ml



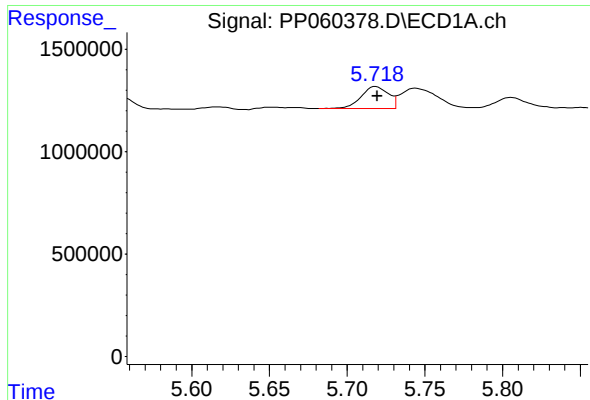
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 94567767
Conc: 53.56 ng/ml



#2 Decachlorobiphenyl

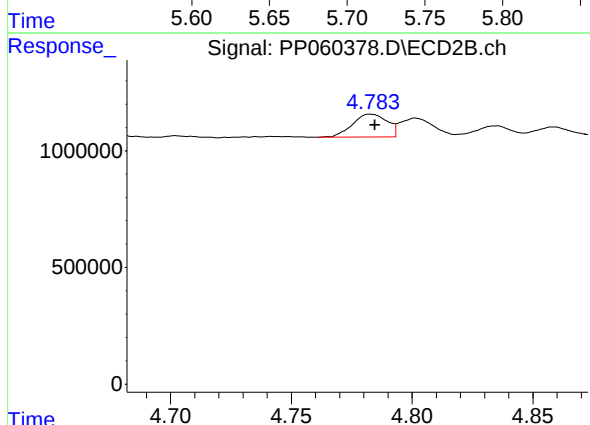
R.T.: 8.749 min
Delta R.T.: -0.001 min
Response: 85965968
Conc: 52.70 ng/ml



#3 AR-1016-1

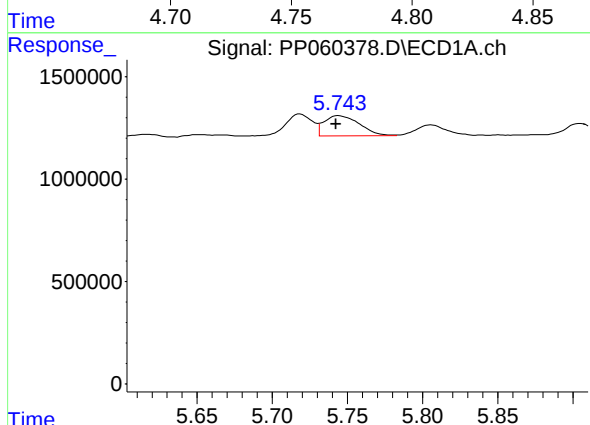
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1305428
Conc: 17.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



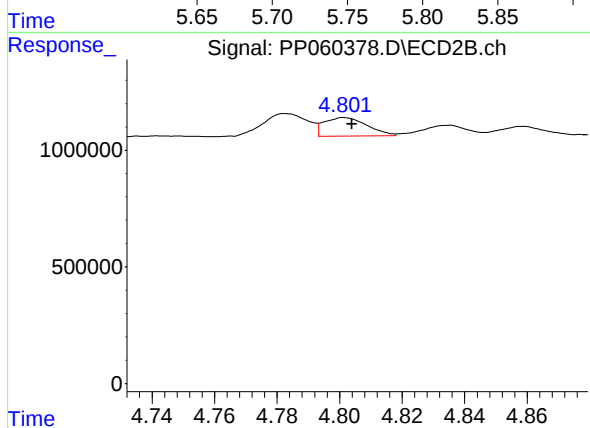
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 975745
Conc: 16.79 ng/ml



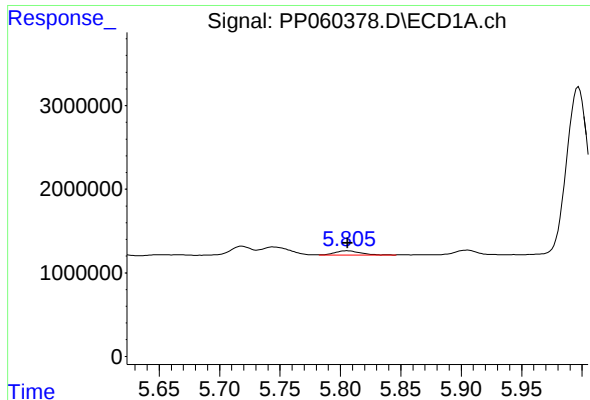
#4 AR-1016-2

R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1612268
Conc: 15.39 ng/ml



#4 AR-1016-2

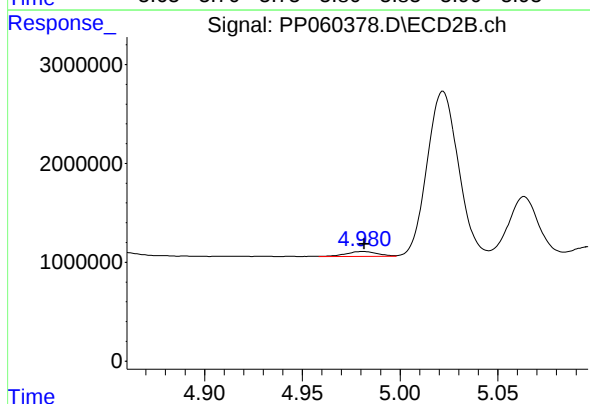
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 757177
Conc: 9.41 ng/ml



#5 AR-1016-3

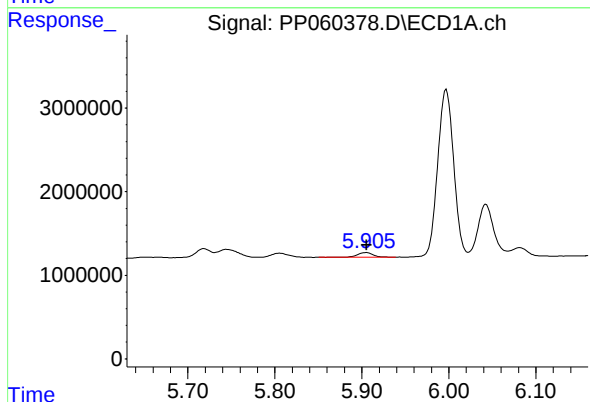
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 730013
Conc: 11.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



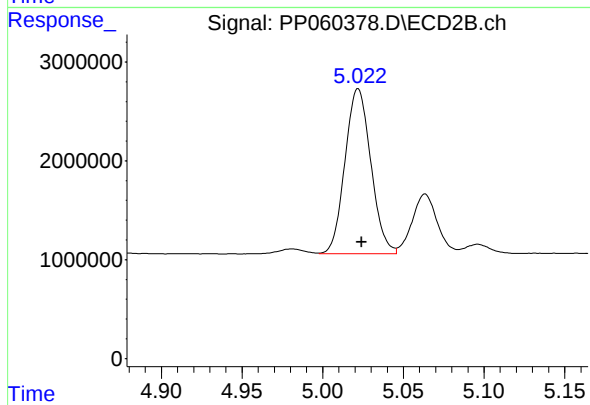
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 569979
Conc: 12.75 ng/ml



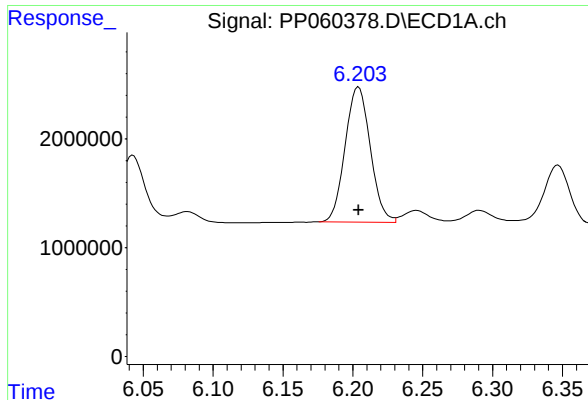
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 673536
Conc: 12.39 ng/ml



#6 AR-1016-4

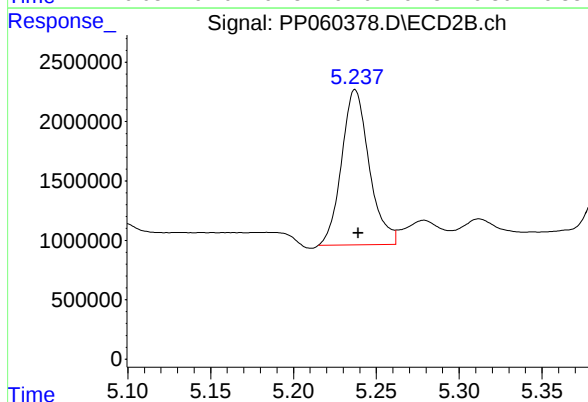
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 18650982
Conc: 518.32 ng/ml



#7 AR-1016-5

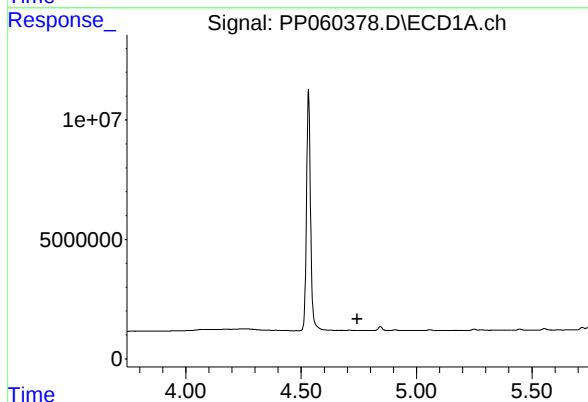
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 15627758
Conc: 280.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



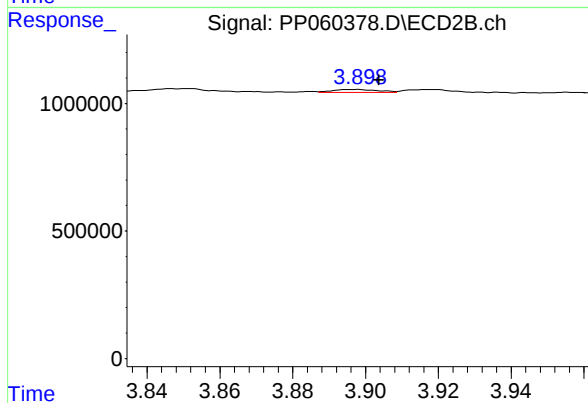
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 15162749
Conc: 312.06 ng/ml



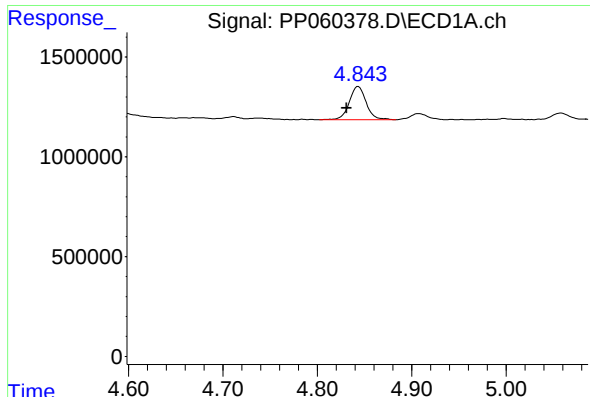
#8 AR-1221-1

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



#8 AR-1221-1

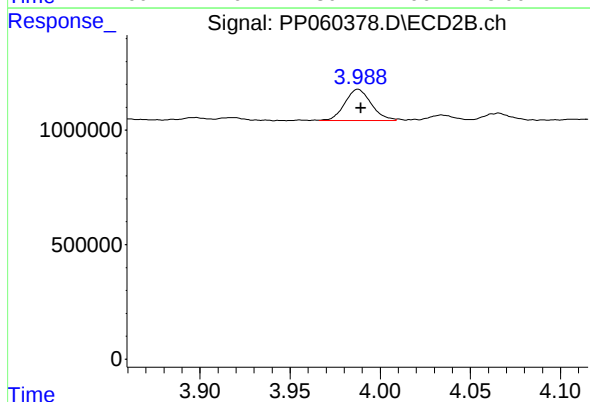
R.T.: 3.898 min
Delta R.T.: -0.005 min
Response: 98492
Conc: 4.71 ng/ml



#9 AR-1221-2

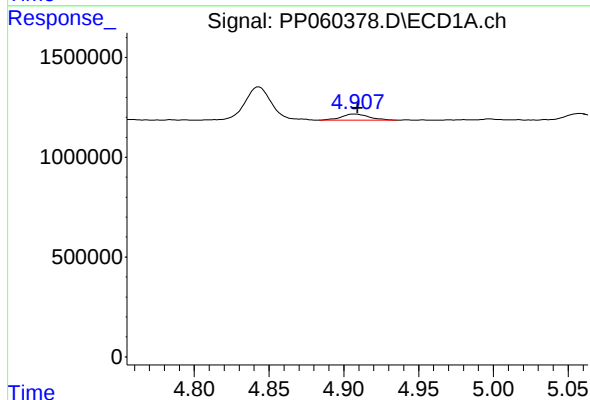
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 2089145
Conc: 97.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



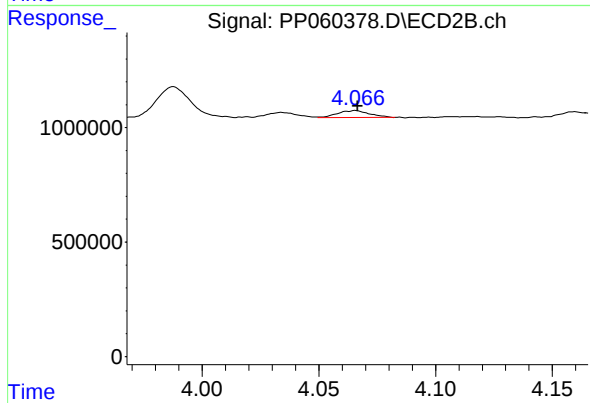
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 1390605
Conc: 93.26 ng/ml



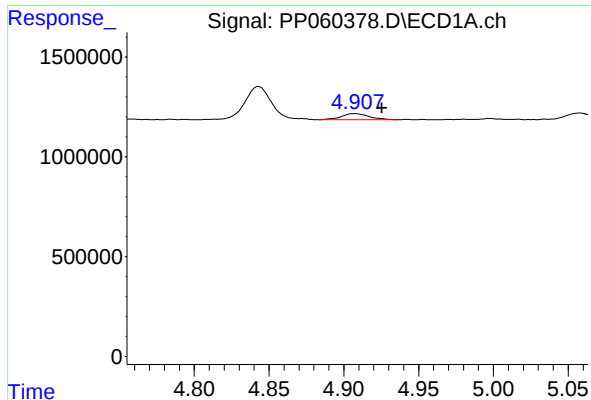
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 398964
Conc: 6.57 ng/ml



#10 AR-1221-3

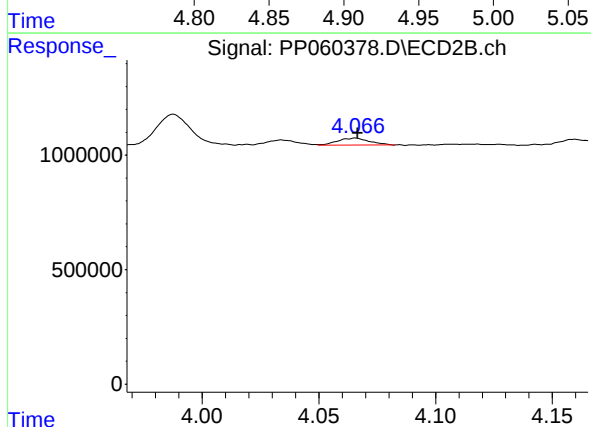
R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 292371
Conc: 6.66 ng/ml



#11 AR-1232-1

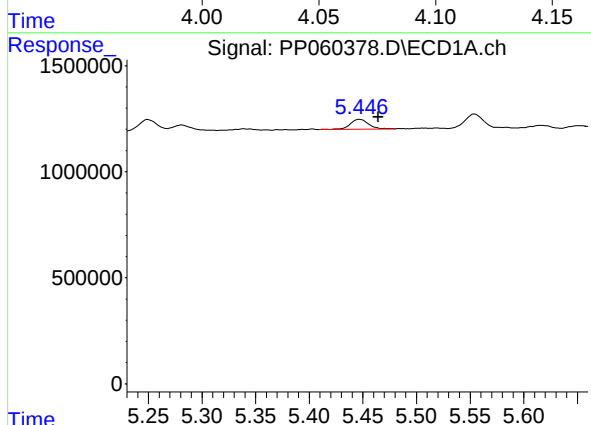
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 398964
Conc: 7.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



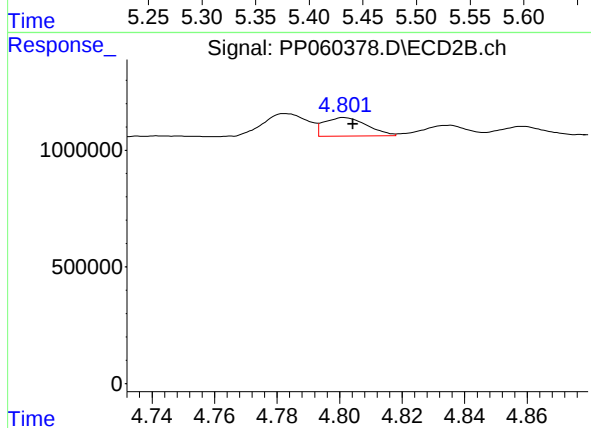
#11 AR-1232-1

R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 292371
Conc: 8.03 ng/ml



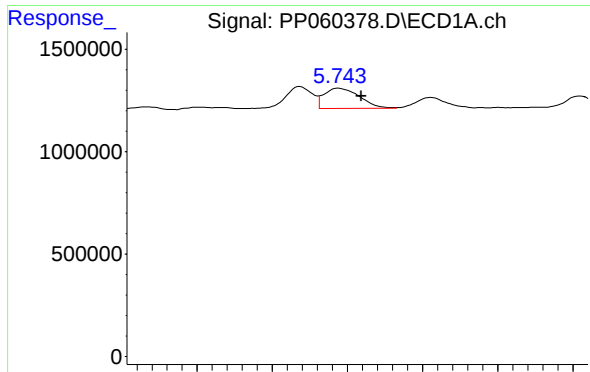
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 557683
Conc: 20.37 ng/ml



#12 AR-1232-2

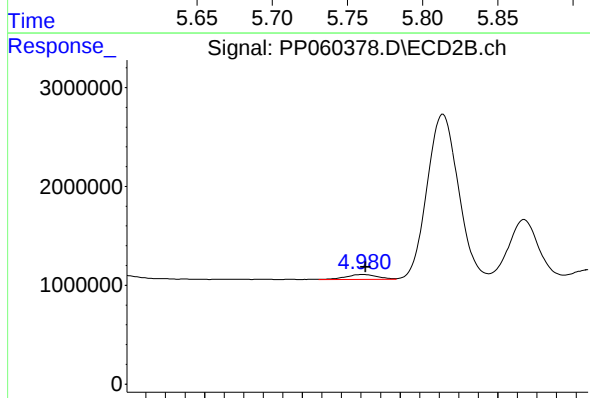
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 757177
Conc: 20.76 ng/ml



#13 AR-1232-3

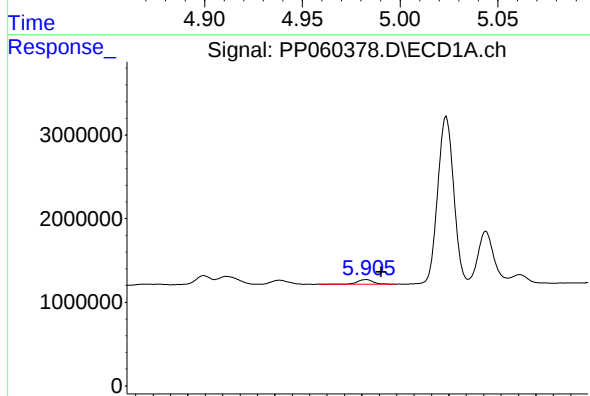
R.T.: 5.744 min
Delta R.T.: -0.015 min
Response: 1612268
Conc: 34.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



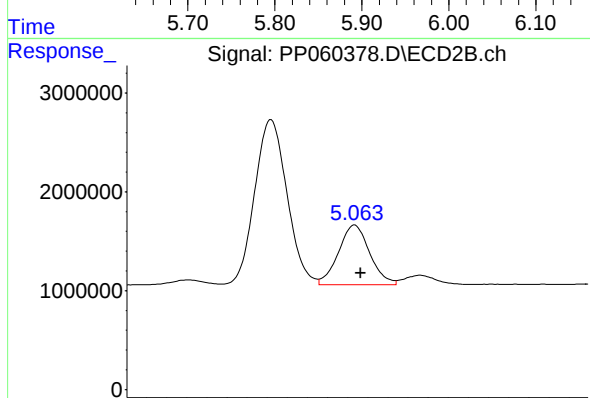
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 569979
Conc: 28.48 ng/ml



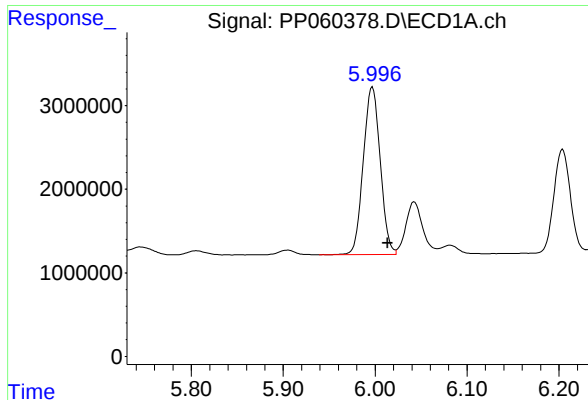
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 673536
Conc: 27.40 ng/ml



#14 AR-1232-4

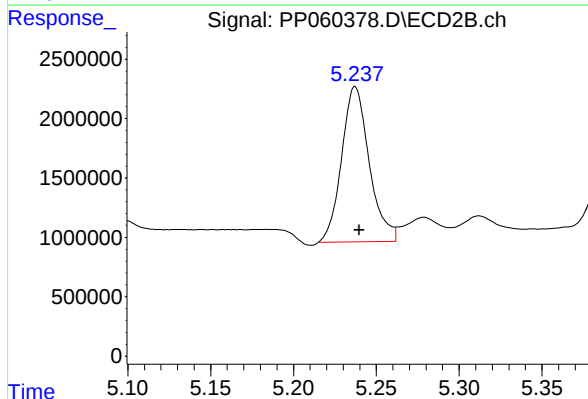
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 6501089
Conc: 348.32 ng/ml



#15 AR-1232-5

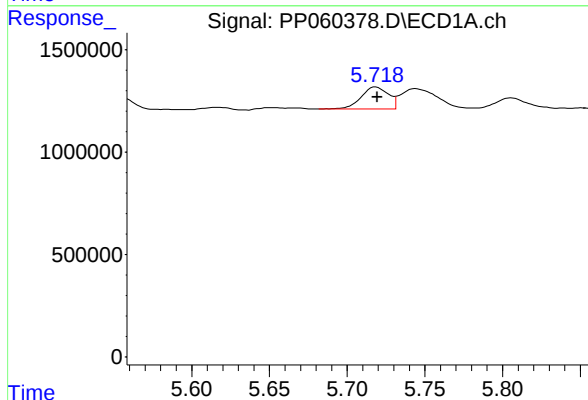
R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 25587102
Conc: 1234.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



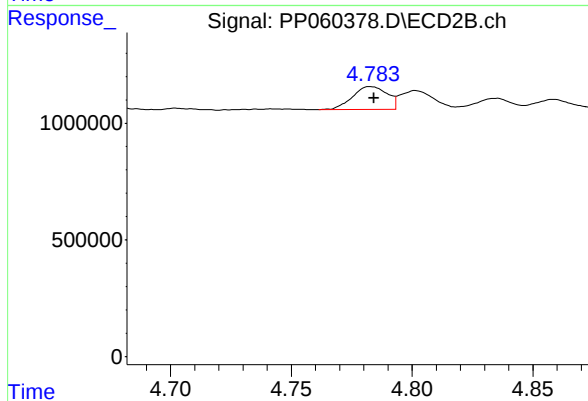
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 15162749
Conc: 729.00 ng/ml



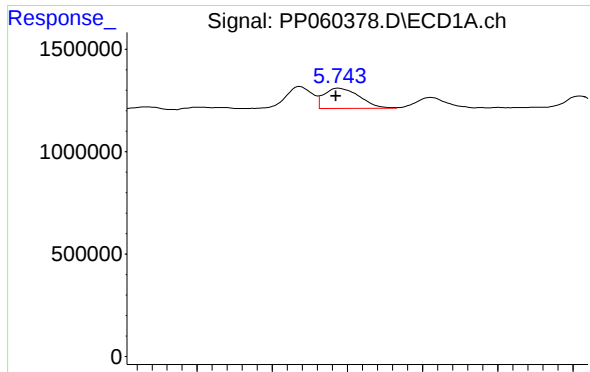
#16 AR-1242-1

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1305428
Conc: 20.43 ng/ml



#16 AR-1242-1

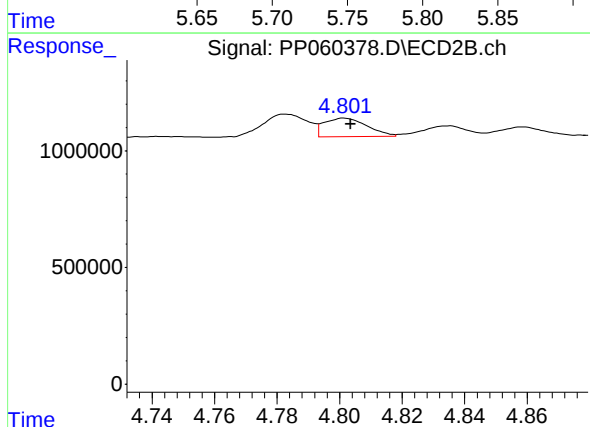
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 975745
Conc: 19.27 ng/ml



#17 AR-1242-2

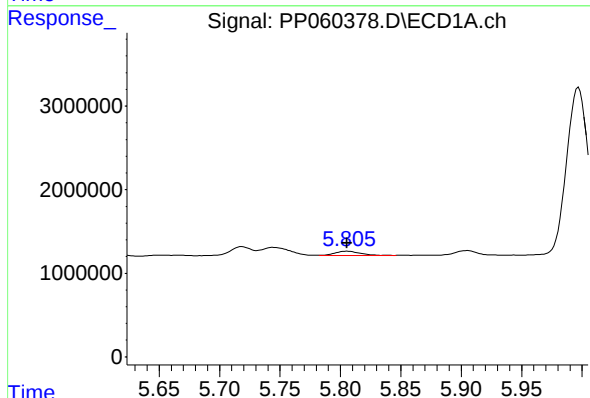
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1612268
Conc: 17.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



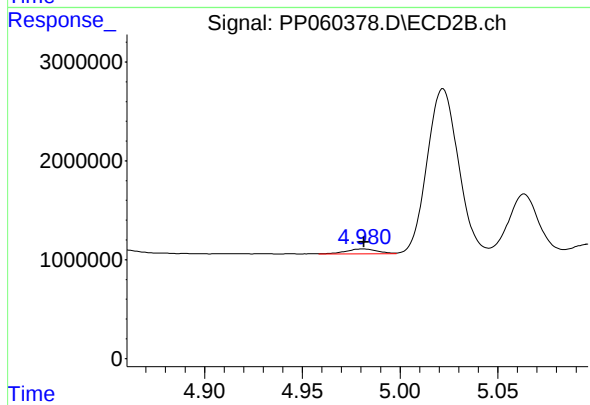
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 757177
Conc: 10.90 ng/ml



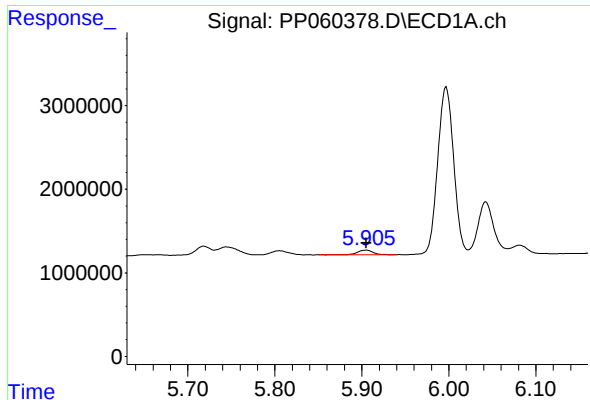
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 730013
Conc: 12.97 ng/ml



#18 AR-1242-3

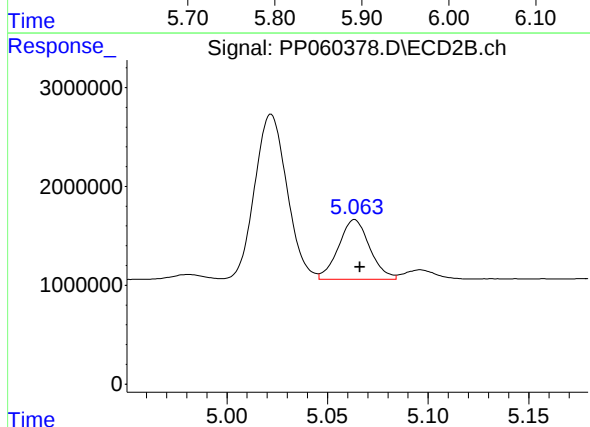
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 569979
Conc: 14.80 ng/ml



#19 AR-1242-4

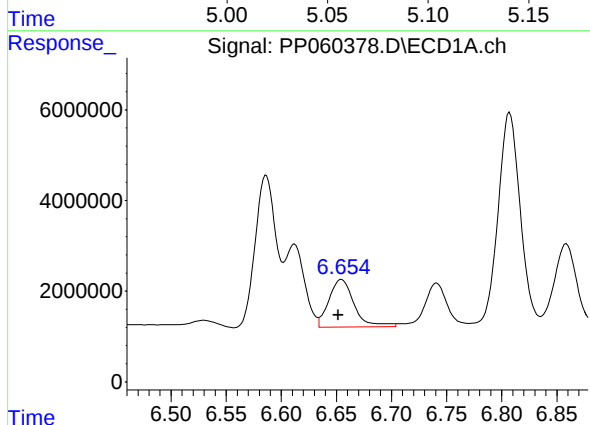
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 673536
Conc: 14.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



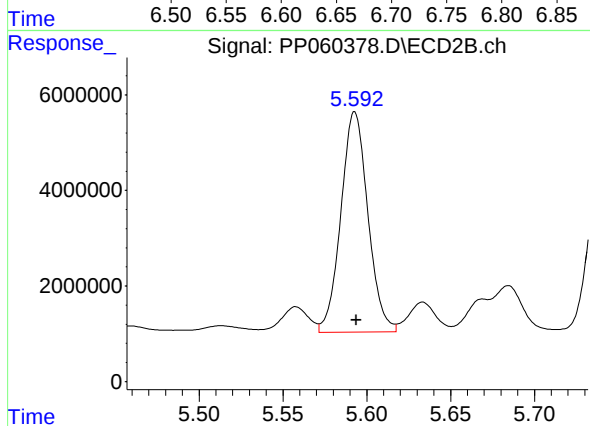
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 6501089
Conc: 165.07 ng/ml



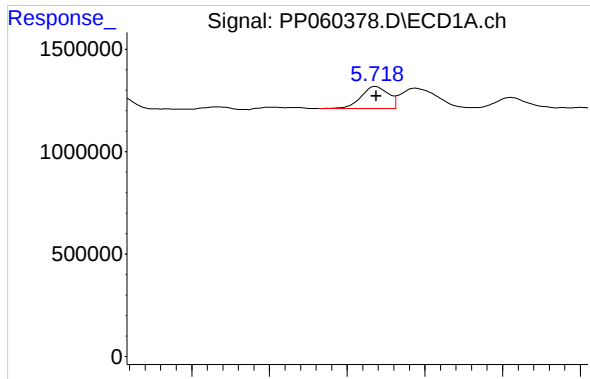
#20 AR-1242-5

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 16765919
Conc: 333.35 ng/ml



#20 AR-1242-5

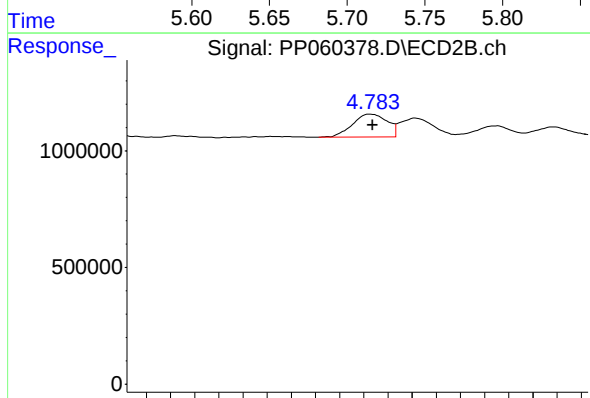
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 51684388
Conc: 1056.57 ng/ml



#21 AR-1248-1

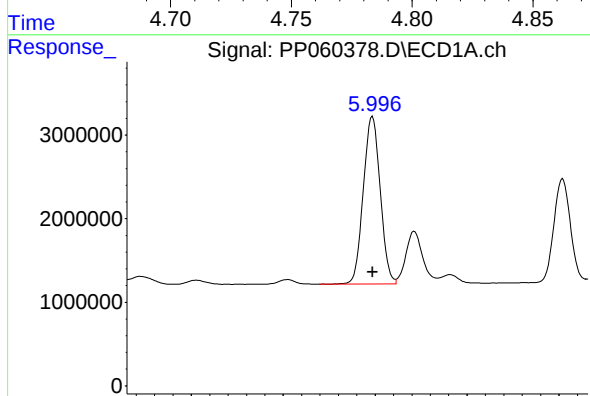
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 1305428
Conc: 28.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



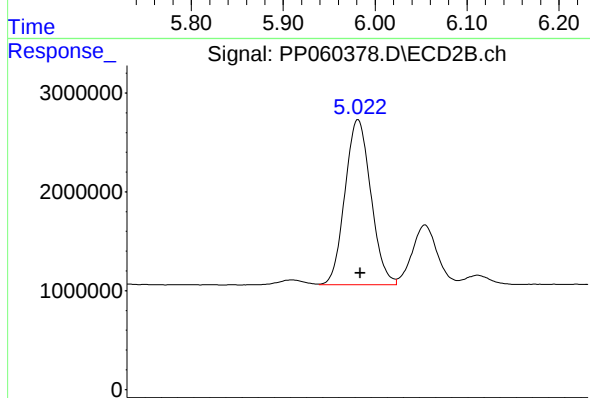
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 975745
Conc: 26.74 ng/ml



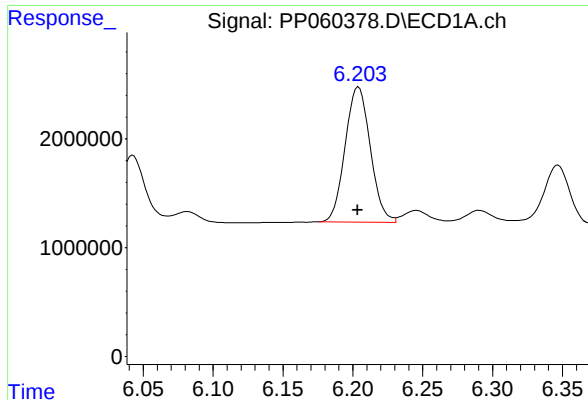
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 25587102
Conc: 369.03 ng/ml



#22 AR-1248-2

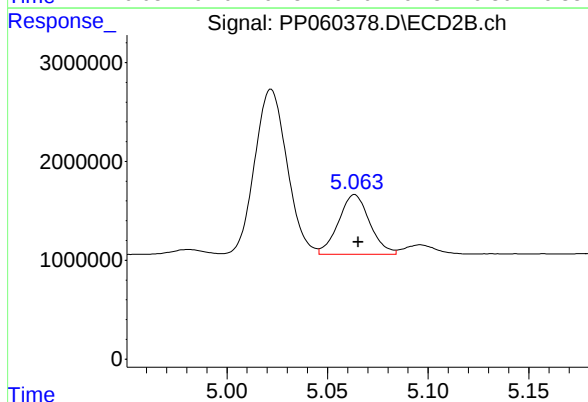
R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 18650982
Conc: 356.81 ng/ml



#23 AR-1248-3

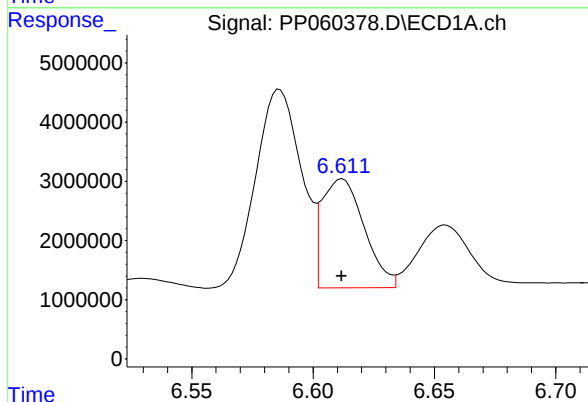
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 15627758
Conc: 205.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



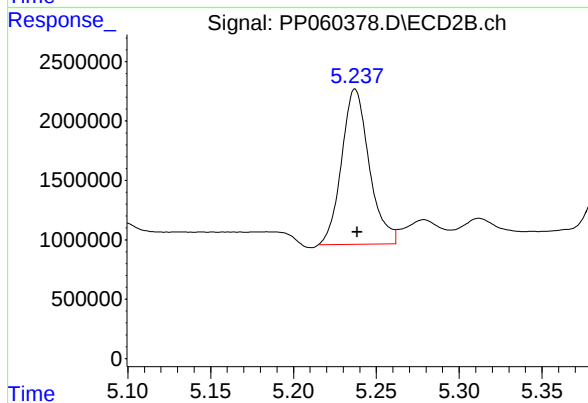
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 6501089
Conc: 117.09 ng/ml



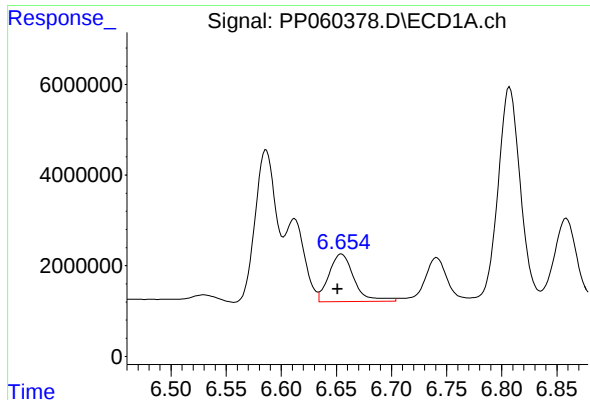
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 22272159
Conc: 269.29 ng/ml



#24 AR-1248-4

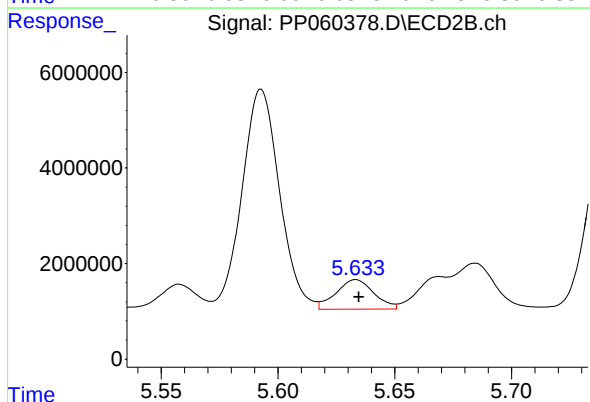
R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 15162749
Conc: 230.34 ng/ml



#25 AR-1248-5

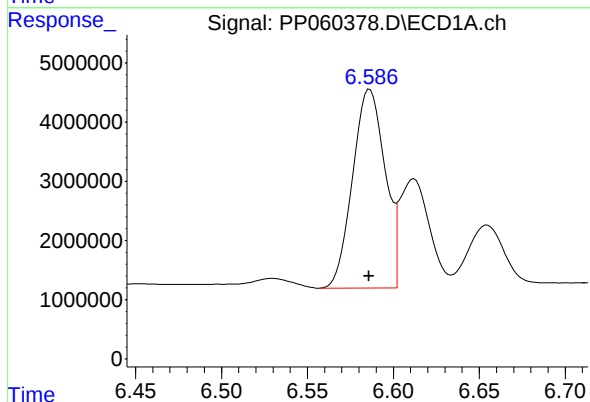
R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 16765919
Conc: 208.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



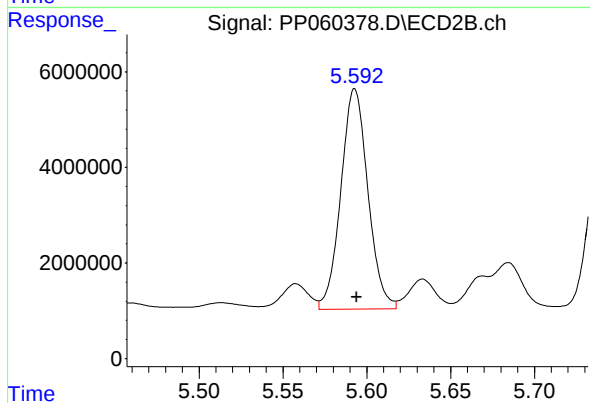
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 7021953
Conc: 109.17 ng/ml



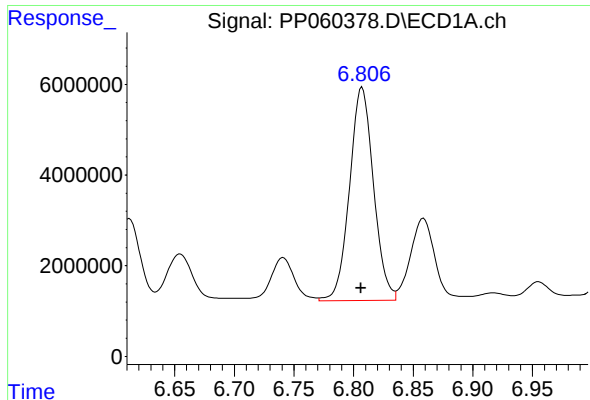
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 43945167
Conc: 514.94 ng/ml



#26 AR-1254-1

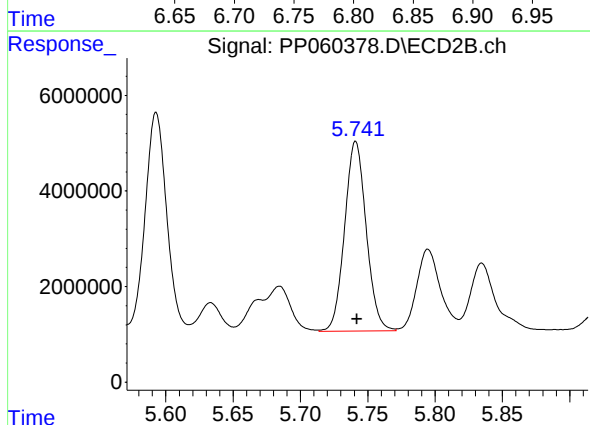
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 51684388
Conc: 522.49 ng/ml



#27 AR-1254-2

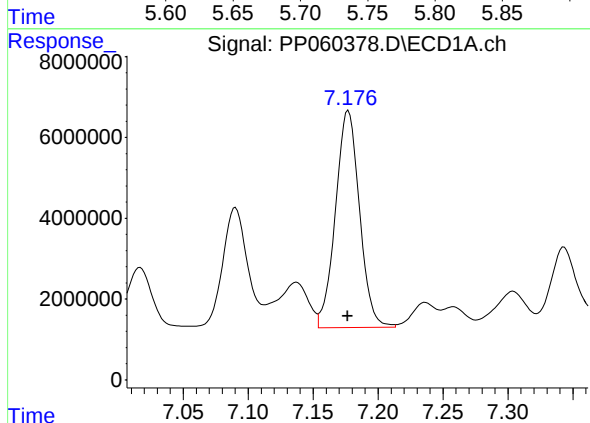
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 65799723
Conc: 515.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



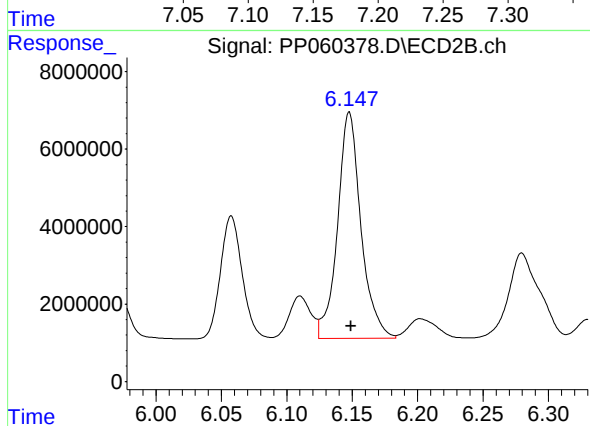
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 44506581
Conc: 517.86 ng/ml



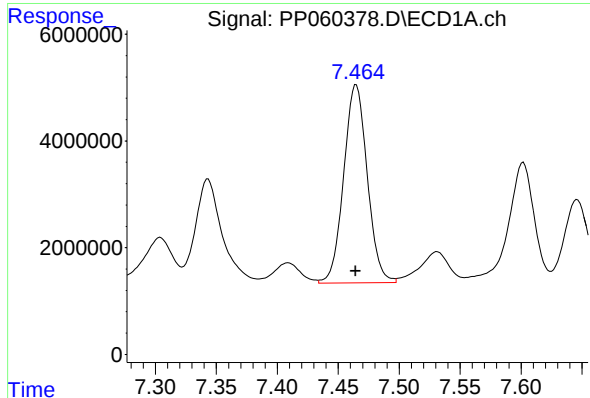
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 69213959
Conc: 520.73 ng/ml



#28 AR-1254-3

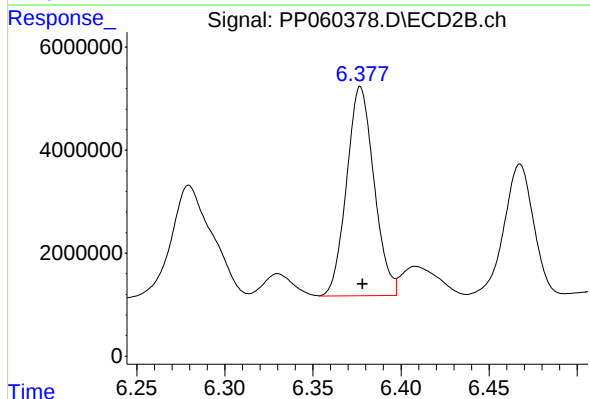
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 72820720
Conc: 508.08 ng/ml



#29 AR-1254-4

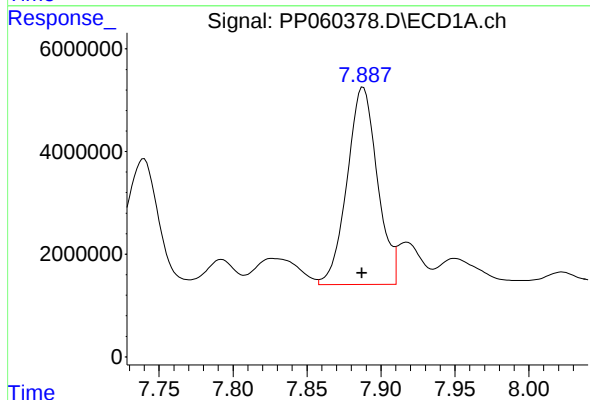
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 50014441
Conc: 508.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



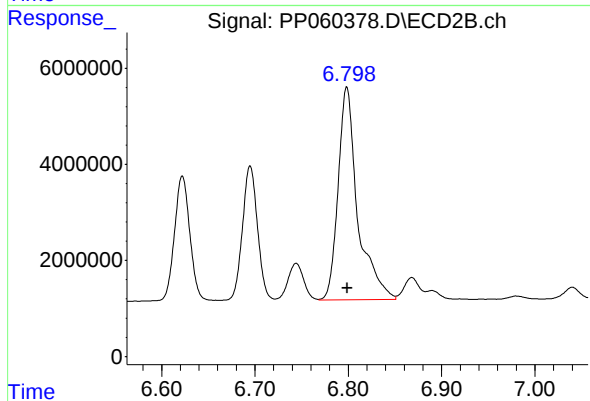
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: -0.001 min
Response: 44034123
Conc: 505.19 ng/ml



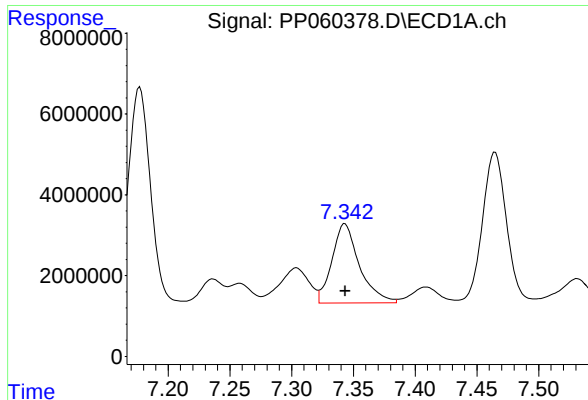
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 54611311
Conc: 504.06 ng/ml



#30 AR-1254-5

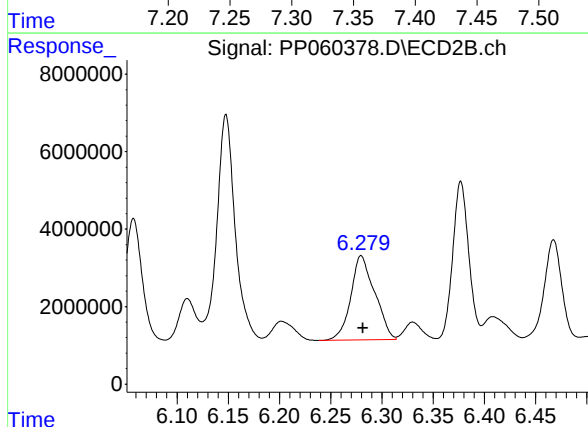
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 64472603
Conc: 508.78 ng/ml



#31 AR-1260-1

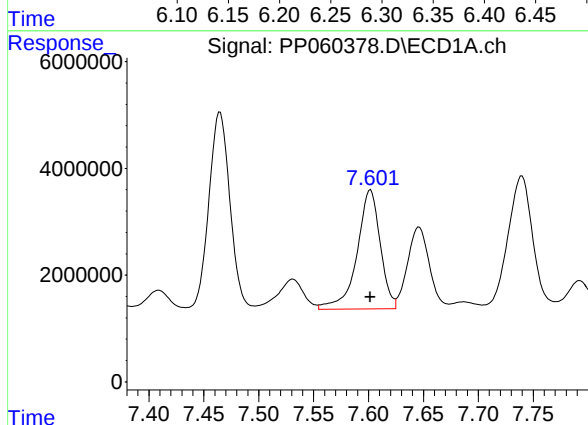
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 30389644
Conc: 289.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



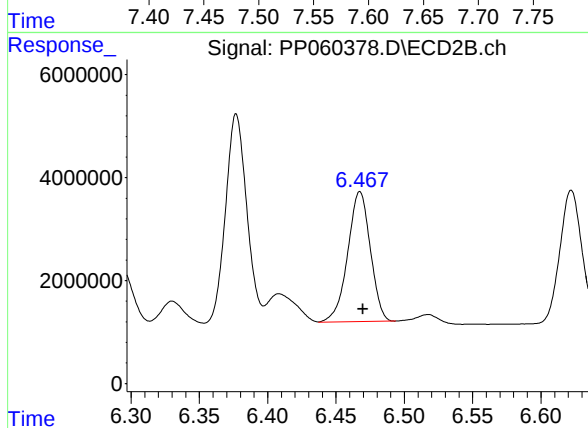
#31 AR-1260-1

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 35409448
Conc: 352.77 ng/ml



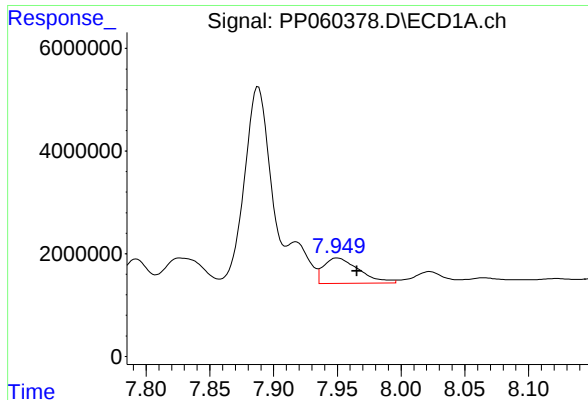
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 32943579
Conc: 272.47 ng/ml



#32 AR-1260-2

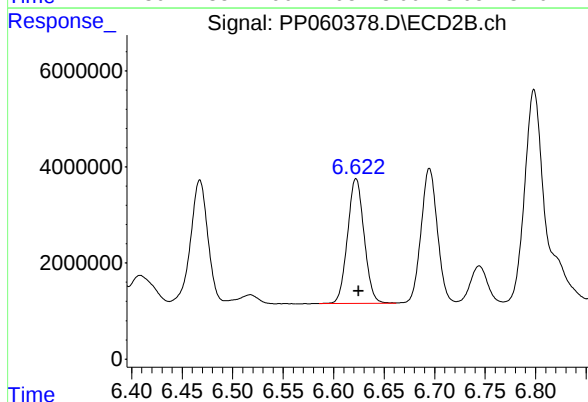
R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 29075649
Conc: 243.71 ng/ml



#33 AR-1260-3

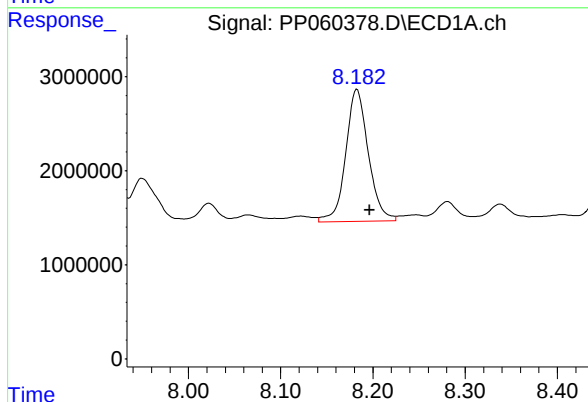
R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 9629052
Conc: 103.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



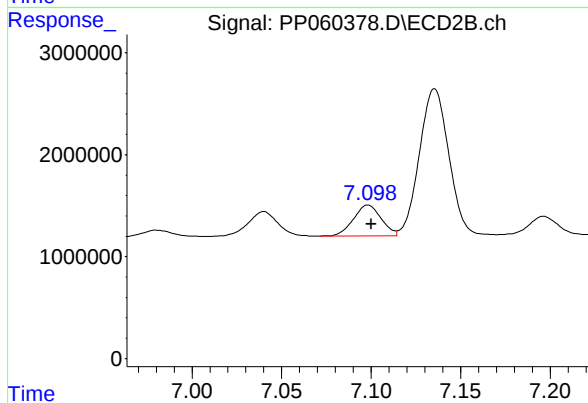
#33 AR-1260-3

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 29571533
Conc: 258.28 ng/ml



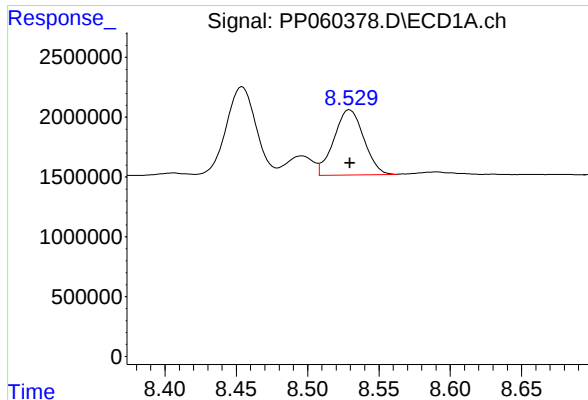
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 23937888
Conc: 225.72 ng/ml



#34 AR-1260-4

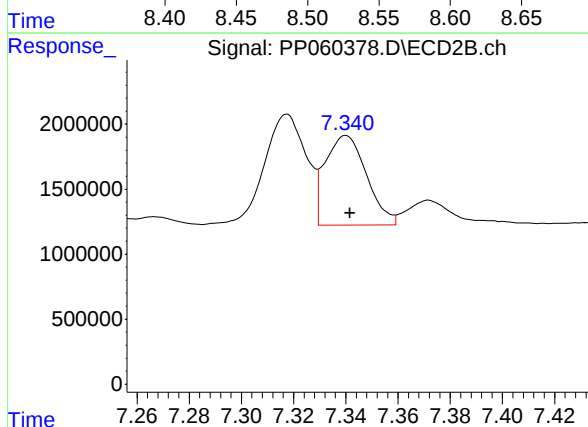
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 3264808
Conc: 34.30 ng/ml



#35 AR-1260-5

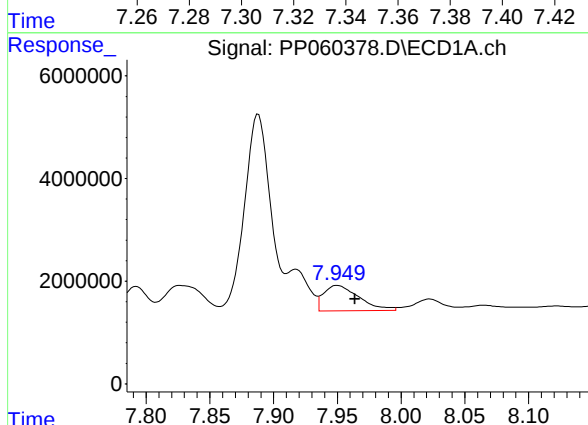
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 7952540
Conc: 41.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



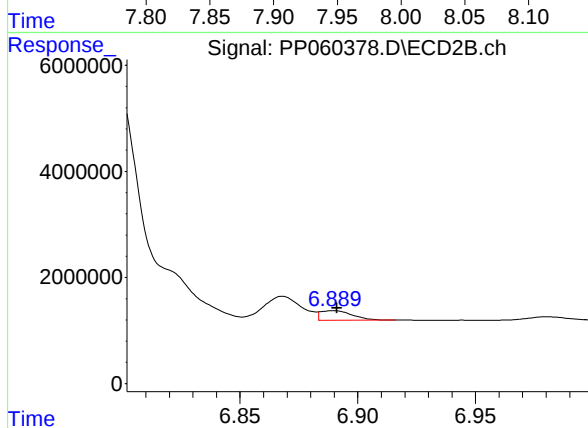
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 7579957
Conc: 34.98 ng/ml



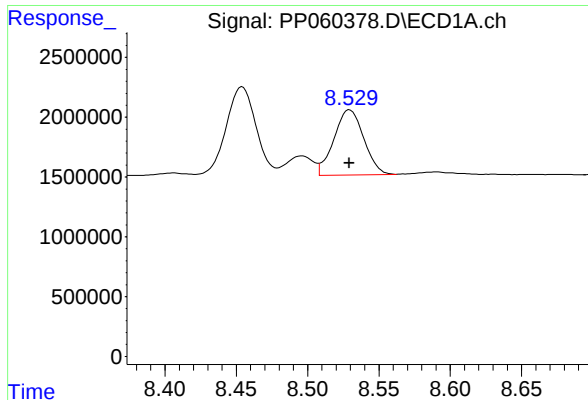
#36 AR-1262-1

R.T.: 7.950 min
Delta R.T.: -0.014 min
Response: 9629052
Conc: 77.20 ng/ml



#36 AR-1262-1

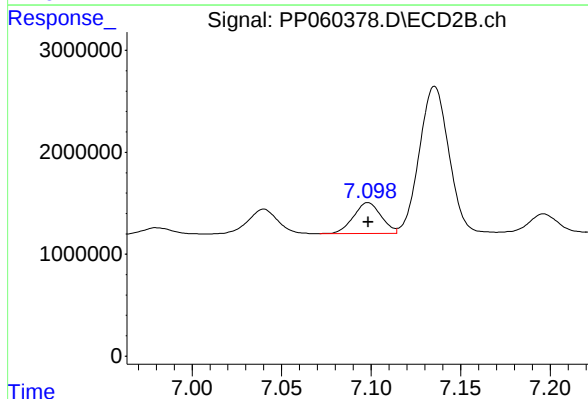
R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 1679333
Conc: 31.36 ng/ml



#37 AR-1262-2

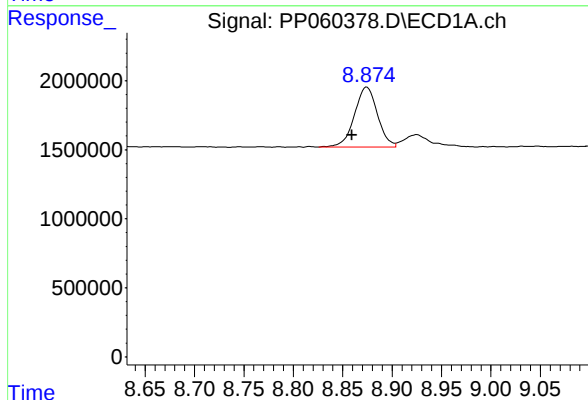
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 7952540
Conc: 37.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



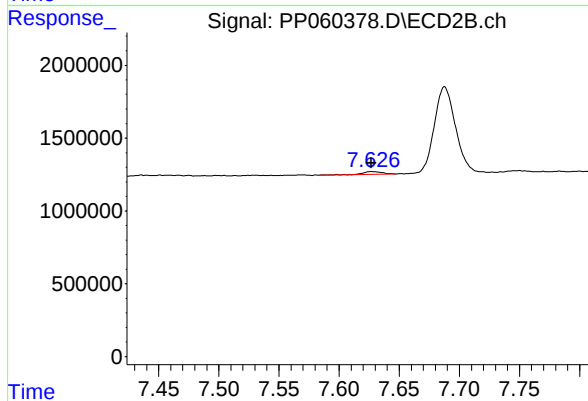
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 3264808
Conc: 27.68 ng/ml



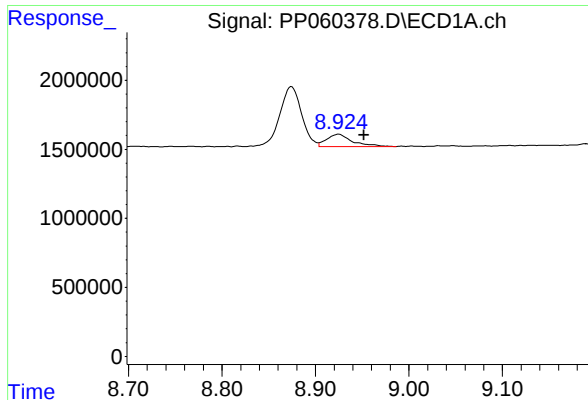
#38 AR-1262-3

R.T.: 8.874 min
Delta R.T.: 0.015 min
Response: 7079901
Conc: 46.78 ng/ml



#38 AR-1262-3

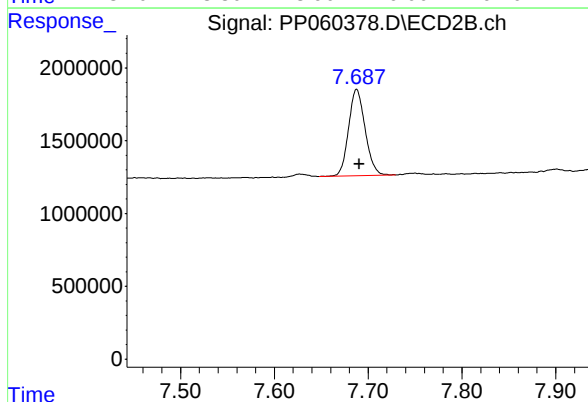
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 218639
Conc: 2.37 ng/ml



#39 AR-1262-4

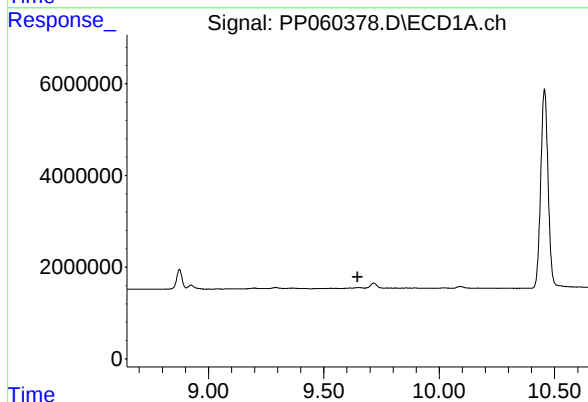
R.T.: 8.925 min
Delta R.T.: -0.027 min
Response: 1735295
Conc: 14.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



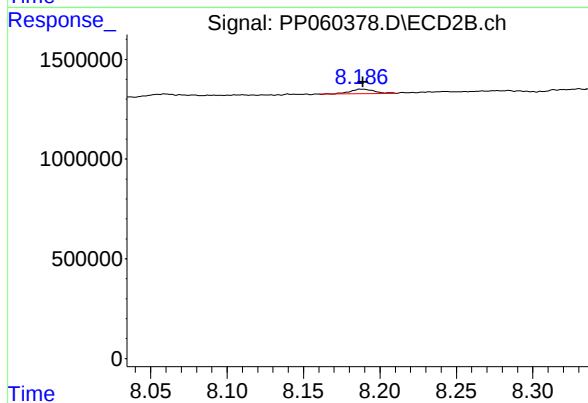
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 7269682
Conc: 43.15 ng/ml



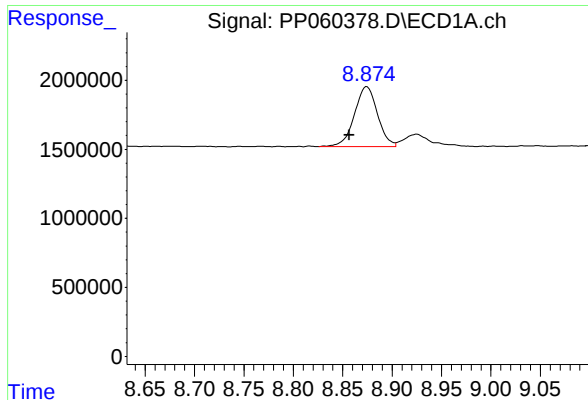
#40 AR-1262-5

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



#40 AR-1262-5

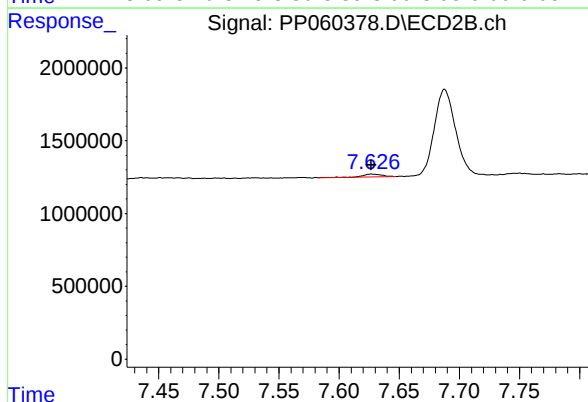
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 243366
Conc: 3.14 ng/ml



#41 AR-1268-1

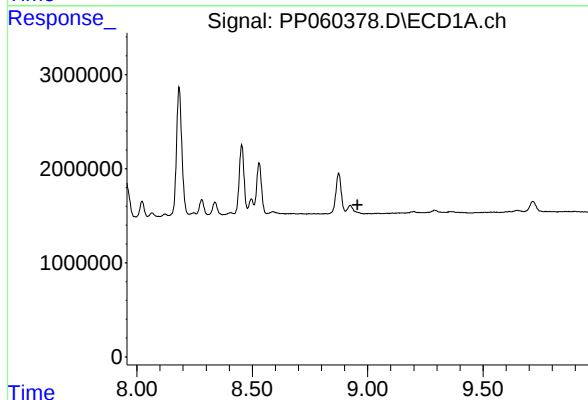
R.T.: 8.874 min
Delta R.T.: 0.018 min
Response: 7079901
Conc: 26.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



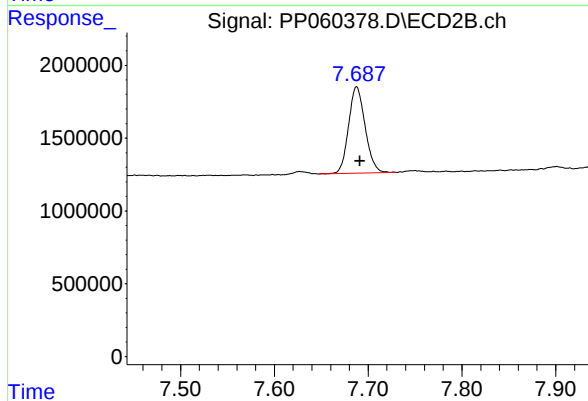
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 218639
Conc: 0.80 ng/ml



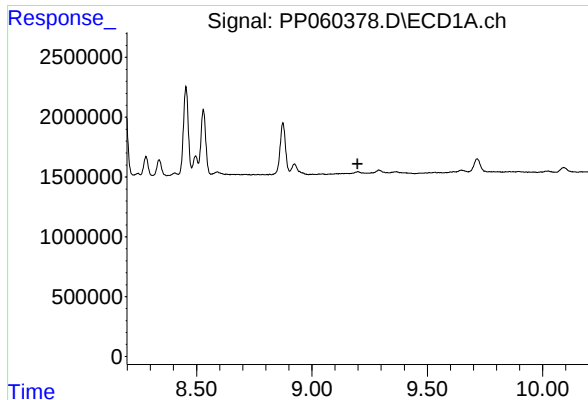
#42 AR-1268-2

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



#42 AR-1268-2

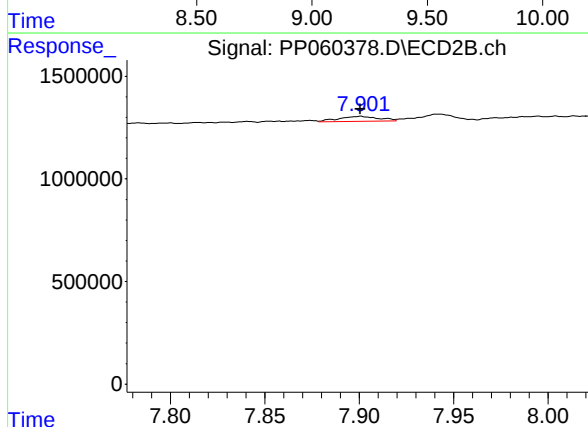
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 7269682
Conc: 29.81 ng/ml



#43 AR-1268-3

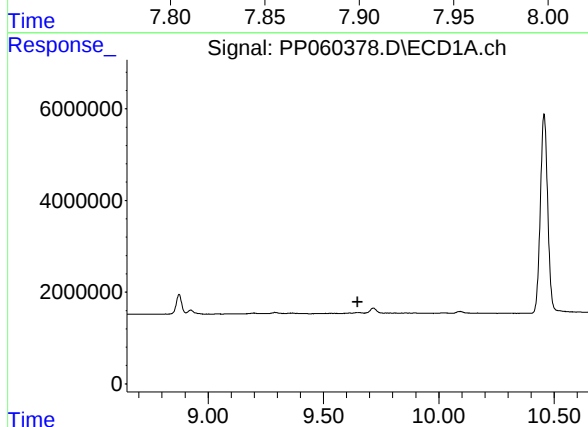
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



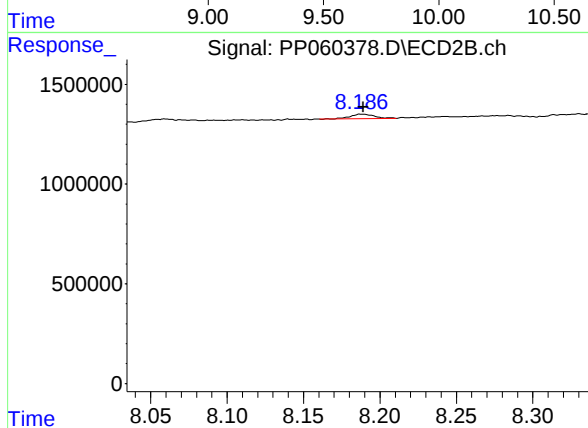
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 361946
Conc: 1.69 ng/ml



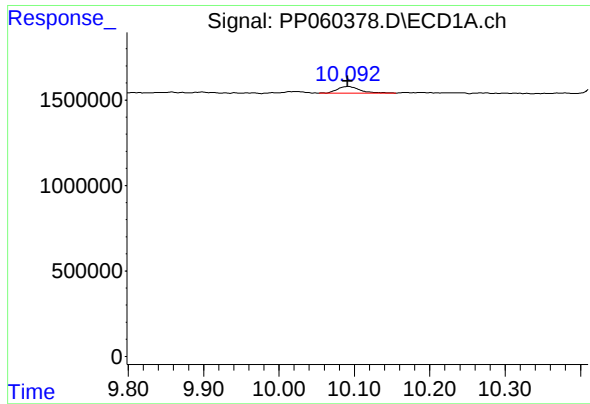
#44 AR-1268-4

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



#44 AR-1268-4

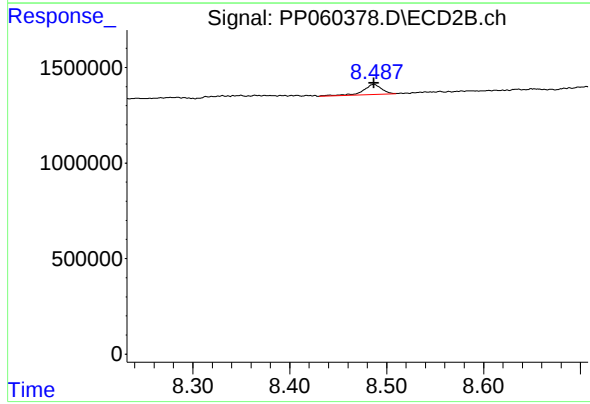
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 243366
Conc: 2.77 ng/ml



#45 AR-1268-5

R.T.: 10.092 min
Delta R.T.: 0.001 min
Response: 835019
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 738856
Conc: 1.18 ng/ml