

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 01:49
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 04:19:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.336	3.586	105.9E6	78015806	52.281	48.367
2)	SA Decachlor...	10.099	8.609	60019936	67776682	41.791	48.046
Target Compounds							
3)	L1 AR-1016-1	5.508	4.672	27247940	18722989	368.730	359.833
4)	L1 AR-1016-2	5.530	4.691	38261237	26168115	358.524	365.361
5)	L1 AR-1016-3	5.592	4.867	23457542	14229899	342.880	362.749
6)	L1 AR-1016-4	5.690	4.909	17254328	11489847	331.403	333.873
7)	L1 AR-1016-5	5.987	5.123	15570563	16796534	343.898	382.023
8)	L2 AR-1221-1	4.540	3.798	2962476	2203237	123.210	115.303
9)	L2 AR-1221-2	4.632	3.885	4514092	3366664	254.789	228.329
10)	L2 AR-1221-3	4.708	3.961	15658047	12111685	290.511	272.691
11)	L3 AR-1232-1	4.708	3.961	15658047	12111685	348.099	325.423
12)	L3 AR-1232-2	5.239	4.691	22361451	26168115	856.949	488.253 #
13)	L3 AR-1232-3	5.530	4.867	38261237	14229899	831.778	857.088
14)	L3 AR-1232-4	5.690	4.951	17254328	15186424	770.543	905.287
15)	L3 AR-1232-5	5.782	5.123	14076922	16796534	791.015	930.304
16)	L4 AR-1242-1	5.508	4.672	27247940	18722989	458.895	443.489
17)	L4 AR-1242-2	5.530	4.691	38261237	26168115	447.534	449.482
18)	L4 AR-1242-3	5.592	4.867	23457542	14229899	429.328	444.949
19)	L4 AR-1242-4	5.690	4.951	17254328	15186424	411.689	435.337
20)	L4 AR-1242-5	6.431	5.476	14557626	18503256	443.500	491.791
21)	L5 AR-1248-1	5.508	4.672	27247940	18722989	606.903	575.587
22)	L5 AR-1248-2	5.782	4.909	14076922	11489847	221.552	232.663
23)	L5 AR-1248-3	5.987	4.951	15570563	15186424	262.684	294.280
24)	L5 AR-1248-4	6.392	5.123	14349345	16796534	247.711	284.610
25)	L5 AR-1248-5	6.431	5.517	14557626	14810896	262.370	298.639
26)	L6 AR-1254-1	6.365	5.476	12186653	18503256	196.132	215.767
27)	L6 AR-1254-2	6.588	5.625	13848672	6643603	147.567	89.427 #
28)	L6 AR-1254-3	6.953	6.030	6603581	7868632	69.566	67.791
29)	L6 AR-1254-4	7.240	6.259	5351402	4551280	78.889	72.299
30)	L6 AR-1254-5	7.662	6.679	2307141	3028995	30.350	31.678
31)	L7 AR-1260-1	7.119	6.174	1335174	4397061	17.128	51.906 #
32)	L7 AR-1260-2	7.376	6.348	2726628	1747045	30.442	18.267 #
33)	L7 AR-1260-3	7.720f	6.502	497469	1724010	7.280	18.861 #
34)	L7 AR-1260-4	7.950f	6.976	1249778	121023	15.687	1.597 #
35)	L7 AR-1260-5	8.281	7.219	487865	287472	3.402	1.815 #
36)	L8 AR-1262-1	7.720f	6.770	497469	89460	5.913	2.191 #
37)	L8 AR-1262-2	8.281	6.976	487865	121023	3.447	1.398 #
38)	L8 AR-1262-3	8.608	0.000	100520	0	0.971	N.D. #
39)	L8 AR-1262-4	8.682	7.565	116007	298015	2.291	2.547
40)	L8 AR-1262-5	9.366f	8.060	180018	-122635	3.205	N.D. #
41)	L9 AR-1268-1	8.608	0.000	100520	0	0.516	N.D. #

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 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

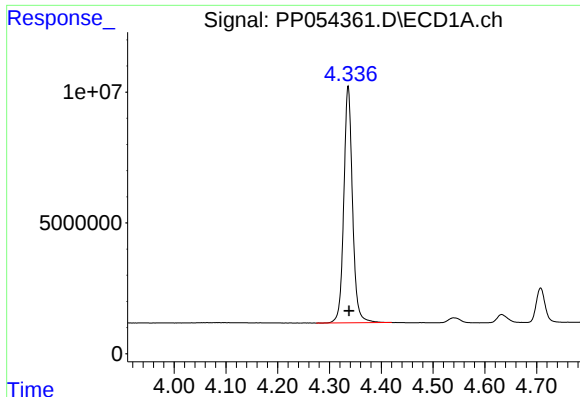
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 04:19:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.682	7.565	116007	298015	0.657	1.618 #
43) L9	AR-1268-3	8.916	7.787	205360	143501	1.324	0.839 #
44) L9	AR-1268-4	9.366f	8.060	180018	-122635	2.631	N.D. #
45) L9	AR-1268-5	9.762	8.356	334224	456039	0.656	0.932 #

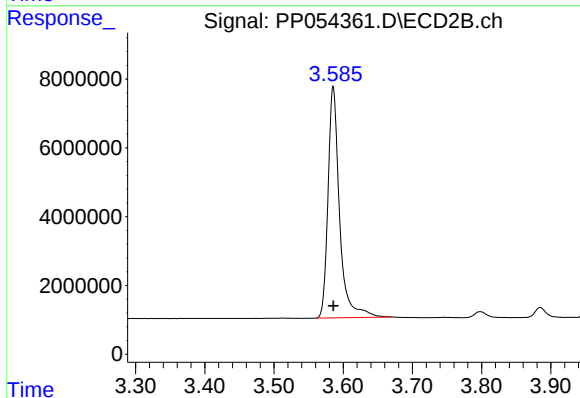
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

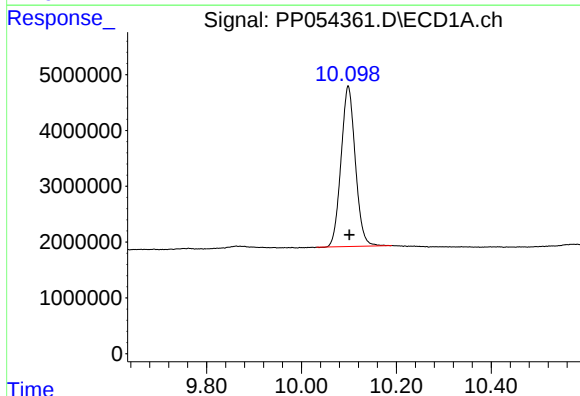
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 105872560
Conc: 52.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



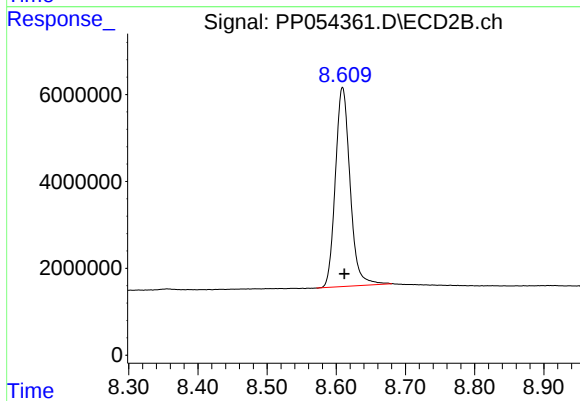
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 78015806
Conc: 48.37 ng/ml



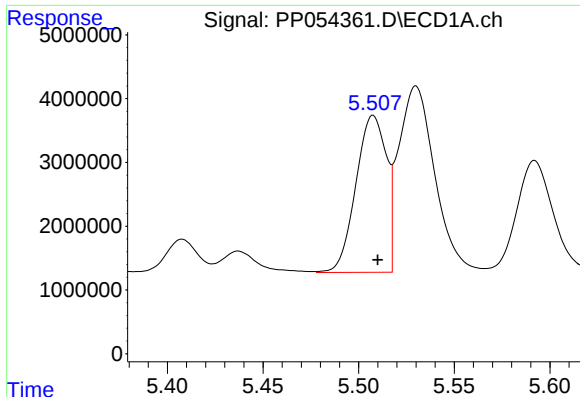
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 60019936
Conc: 41.79 ng/ml



#2 Decachlorobiphenyl

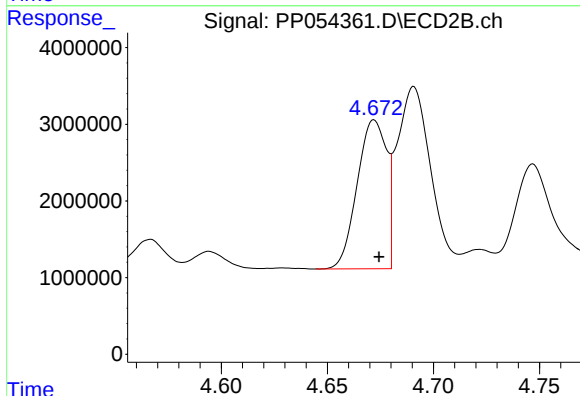
R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 67776682
Conc: 48.05 ng/ml



#3 AR-1016-1

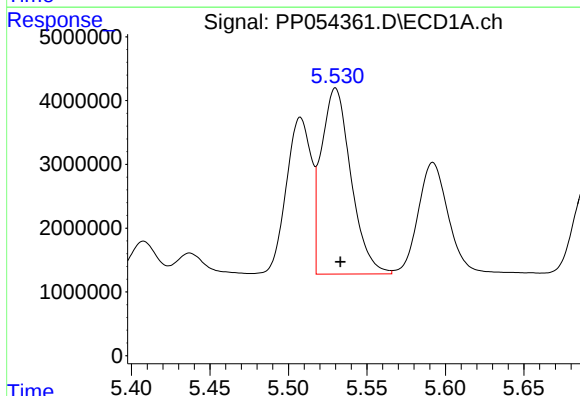
R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 27247940
Conc: 368.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



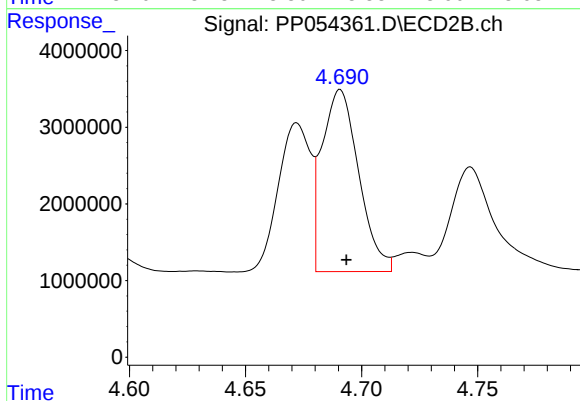
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 18722989
Conc: 359.83 ng/ml



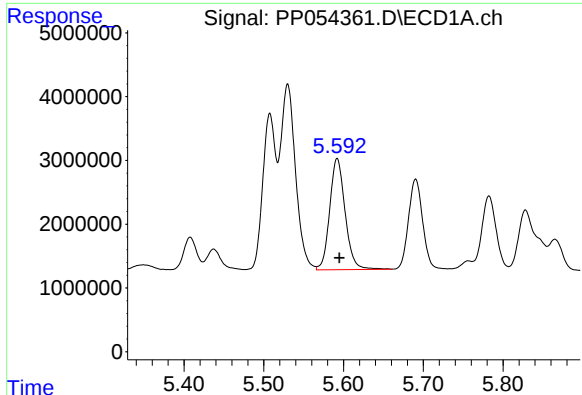
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 38261237
Conc: 358.52 ng/ml



#4 AR-1016-2

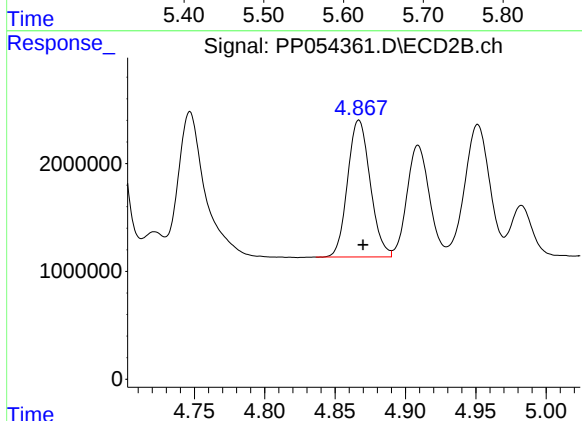
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 26168115
Conc: 365.36 ng/ml



#5 AR-1016-3

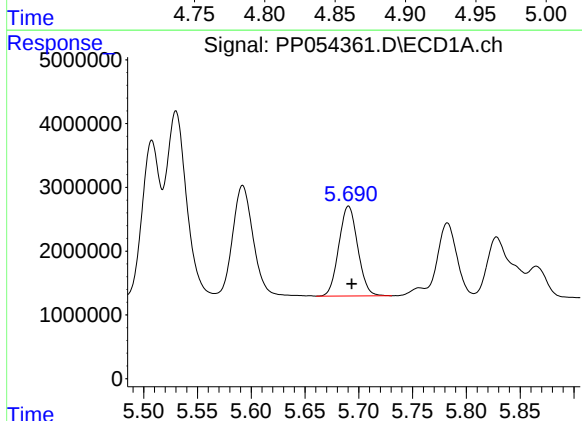
R.T.: 5.592 min
Delta R.T.: -0.003 min
Response: 23457542
Conc: 342.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



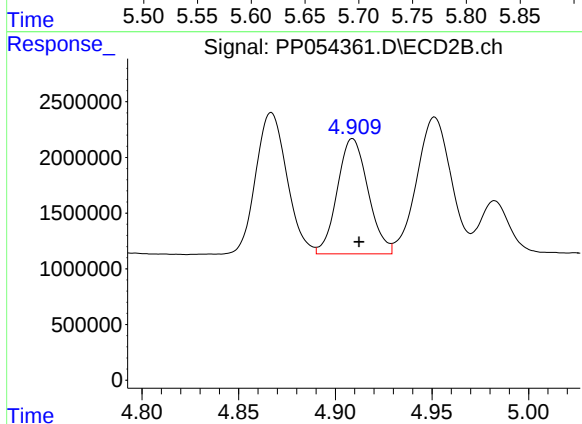
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 14229899
Conc: 362.75 ng/ml



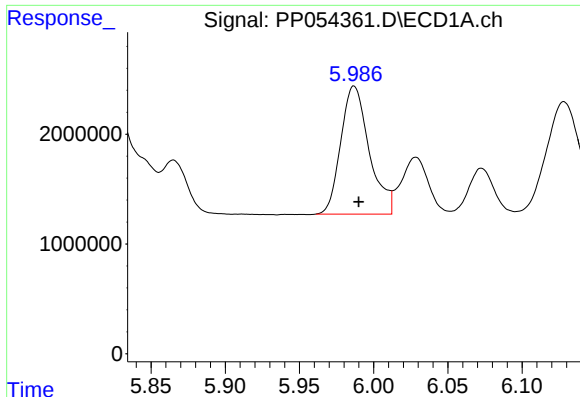
#6 AR-1016-4

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 17254328
Conc: 331.40 ng/ml



#6 AR-1016-4

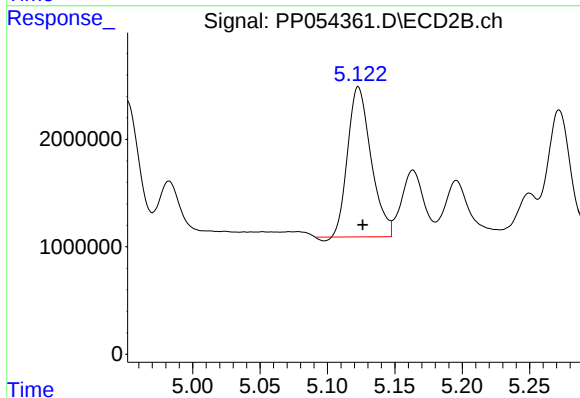
R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 11489847
Conc: 333.87 ng/ml



#7 AR-1016-5

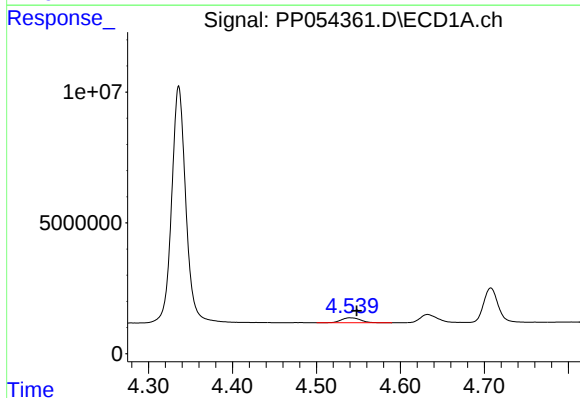
R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 15570563
Conc: 343.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



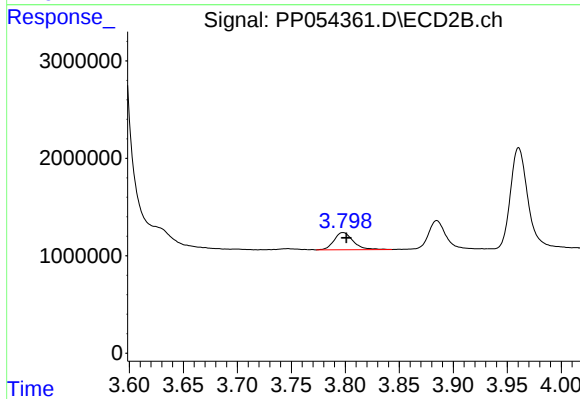
#7 AR-1016-5

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 16796534
Conc: 382.02 ng/ml



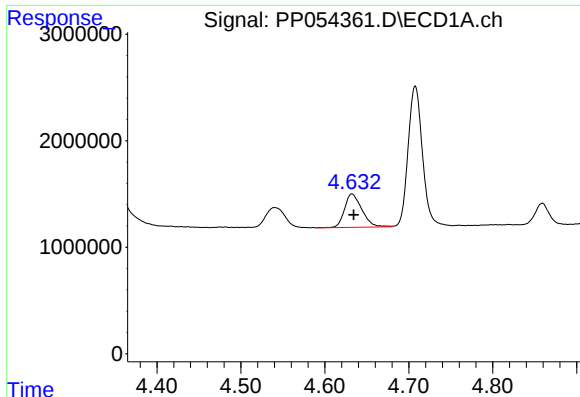
#8 AR-1221-1

R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 2962476
Conc: 123.21 ng/ml



#8 AR-1221-1

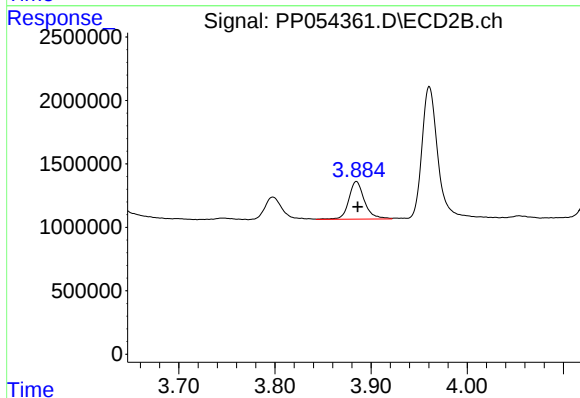
R.T.: 3.798 min
Delta R.T.: -0.003 min
Response: 2203237
Conc: 115.30 ng/ml



#9 AR-1221-2

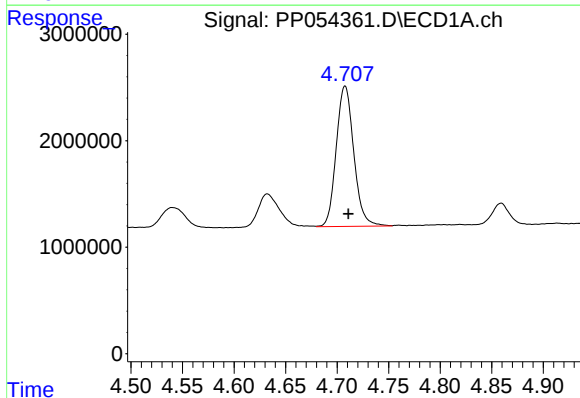
R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 4514092
Conc: 254.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



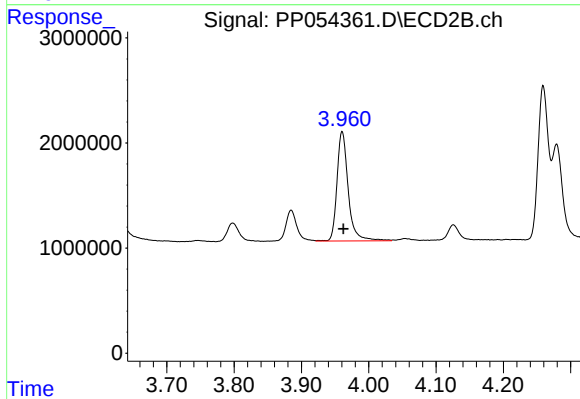
#9 AR-1221-2

R.T.: 3.885 min
Delta R.T.: -0.001 min
Response: 3366664
Conc: 228.33 ng/ml



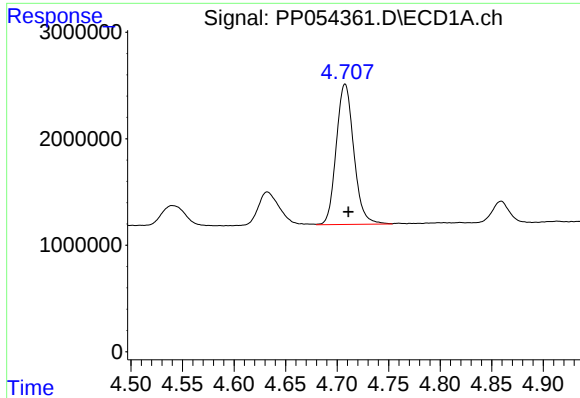
#10 AR-1221-3

R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 15658047
Conc: 290.51 ng/ml



#10 AR-1221-3

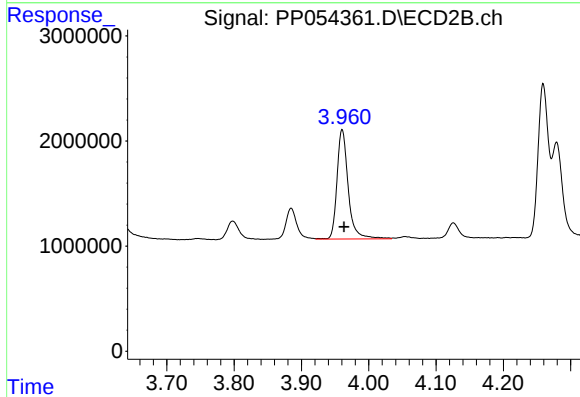
R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 12111685
Conc: 272.69 ng/ml



#11 AR-1232-1

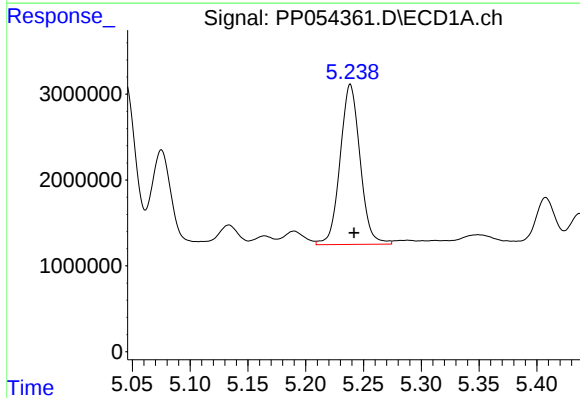
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 15658047
Conc: 348.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



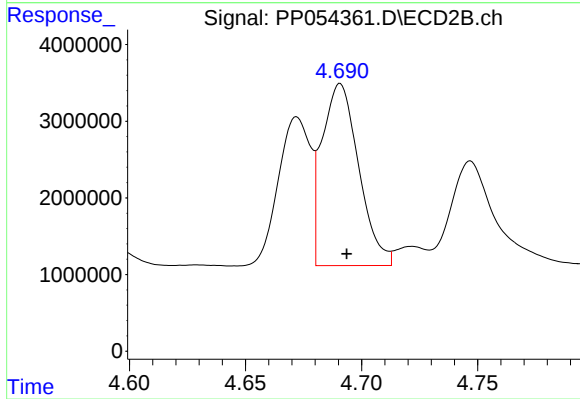
#11 AR-1232-1

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 12111685
Conc: 325.42 ng/ml



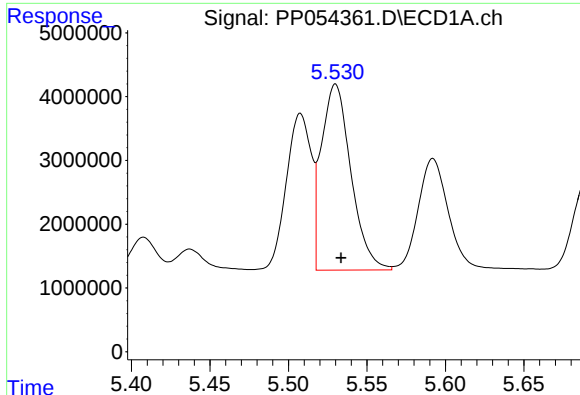
#12 AR-1232-2

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 22361451
Conc: 856.95 ng/ml



#12 AR-1232-2

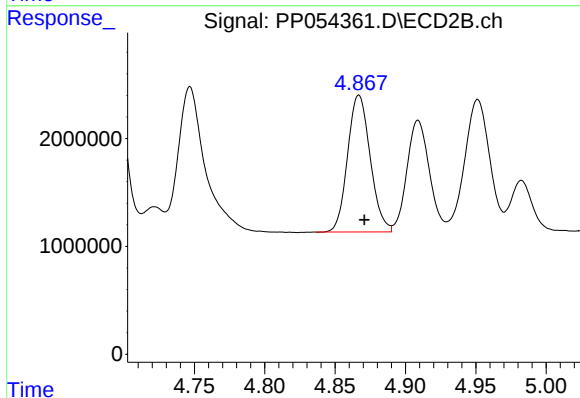
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 26168115
Conc: 488.25 ng/ml



#13 AR-1232-3

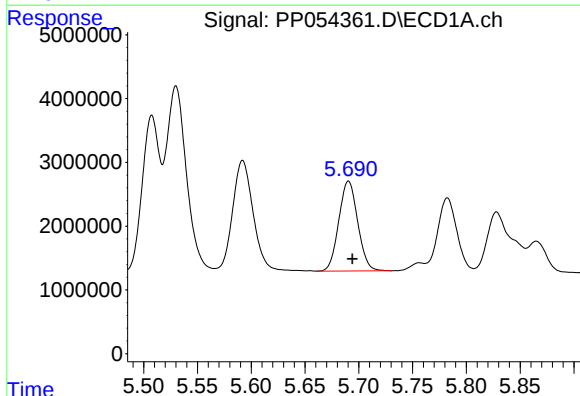
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 38261237
Conc: 831.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



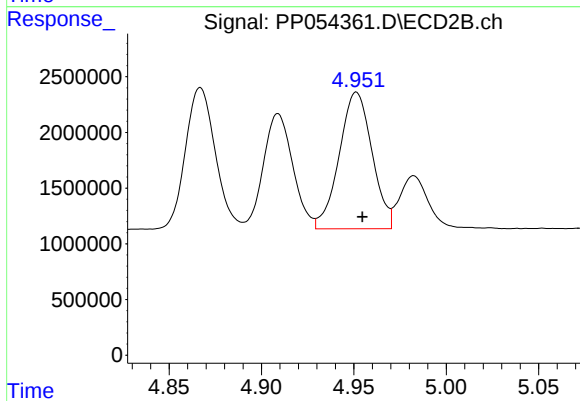
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 14229899
Conc: 857.09 ng/ml



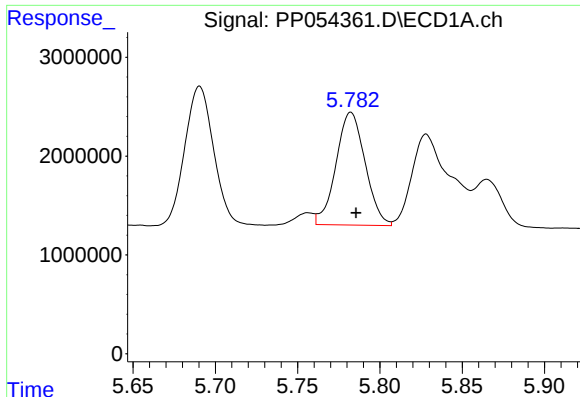
#14 AR-1232-4

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 17254328
Conc: 770.54 ng/ml



#14 AR-1232-4

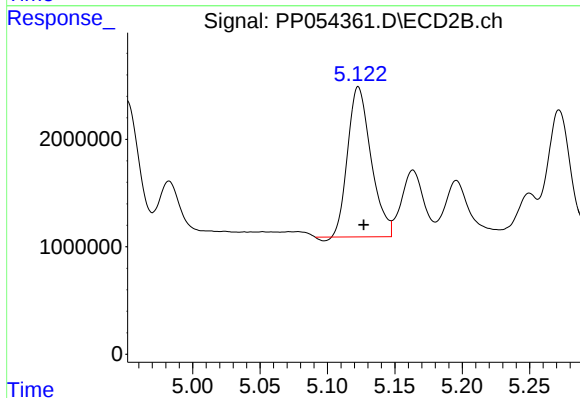
R.T.: 4.951 min
Delta R.T.: -0.003 min
Response: 15186424
Conc: 905.29 ng/ml



#15 AR-1232-5

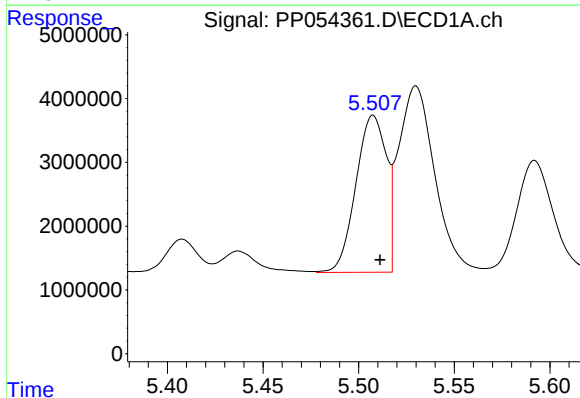
R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 14076922
Conc: 791.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



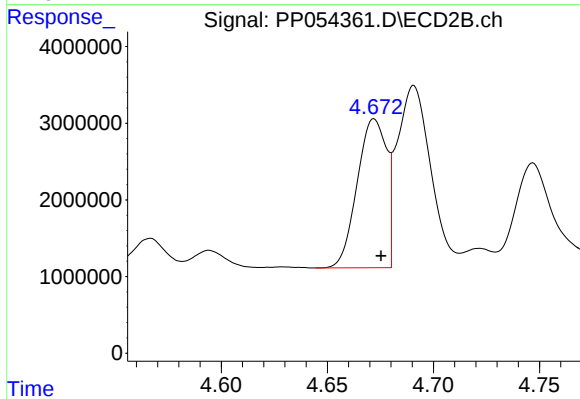
#15 AR-1232-5

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 16796534
Conc: 930.30 ng/ml



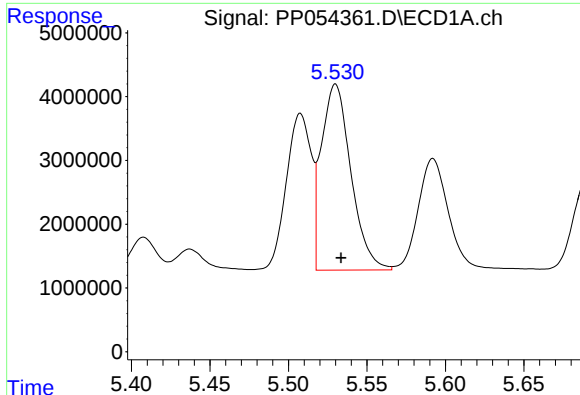
#16 AR-1242-1

R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 27247940
Conc: 458.90 ng/ml



#16 AR-1242-1

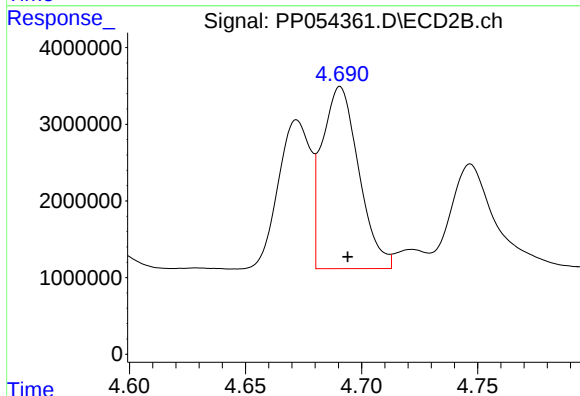
R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 18722989
Conc: 443.49 ng/ml



#17 AR-1242-2

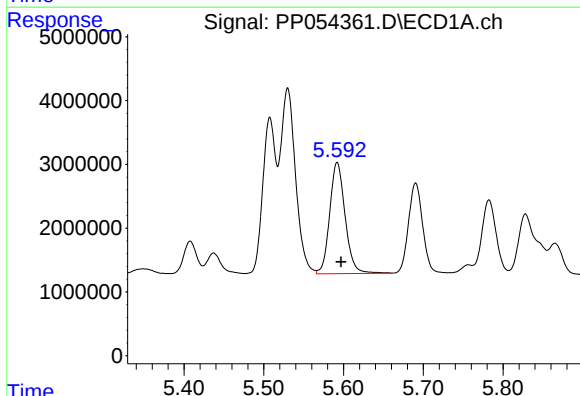
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 38261237
Conc: 447.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



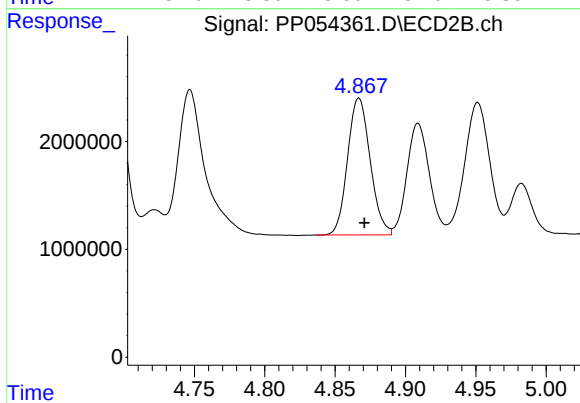
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 26168115
Conc: 449.48 ng/ml



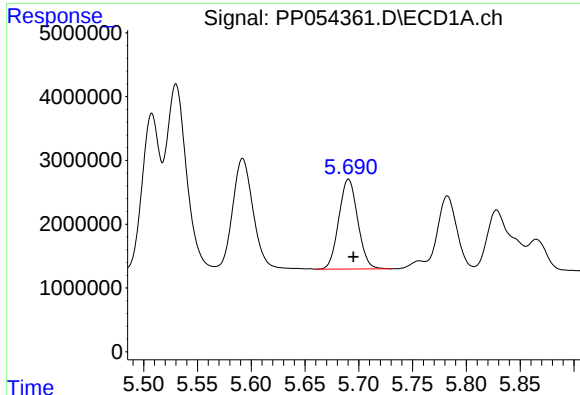
#18 AR-1242-3

R.T.: 5.592 min
Delta R.T.: -0.005 min
Response: 23457542
Conc: 429.33 ng/ml



#18 AR-1242-3

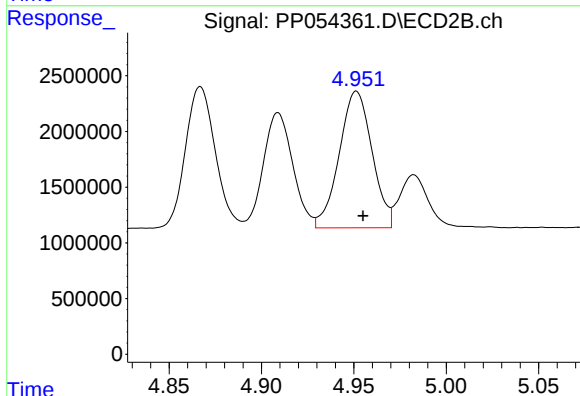
R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 14229899
Conc: 444.95 ng/ml



#19 AR-1242-4

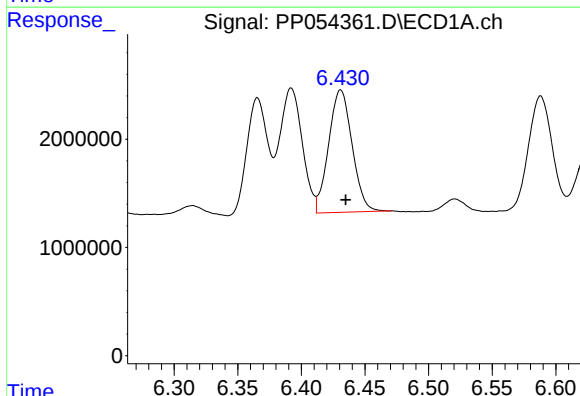
R.T.: 5.690 min
Delta R.T.: -0.005 min
Response: 17254328
Conc: 411.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



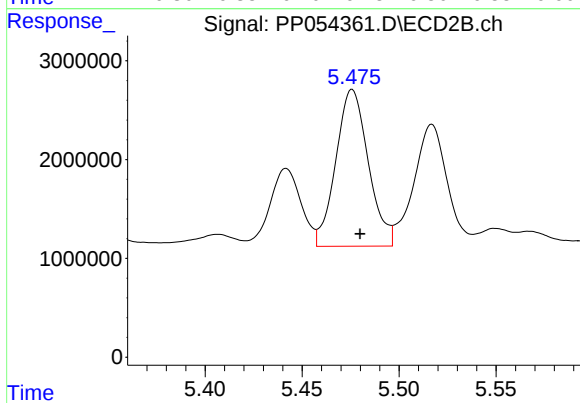
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 15186424
Conc: 435.34 ng/ml



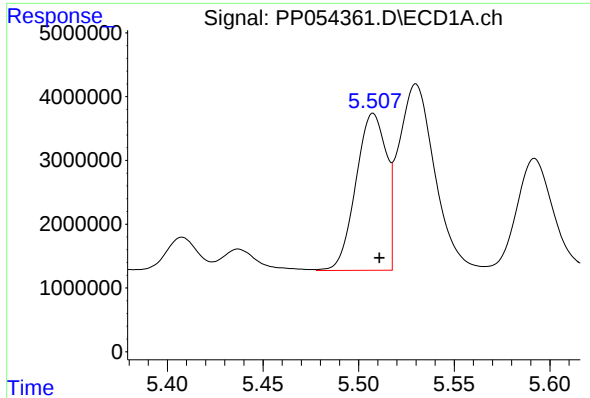
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 14557626
Conc: 443.50 ng/ml



#20 AR-1242-5

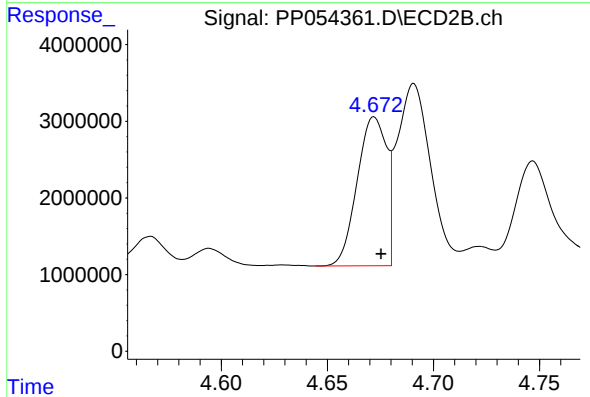
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 18503256
Conc: 491.79 ng/ml



#21 AR-1248-1

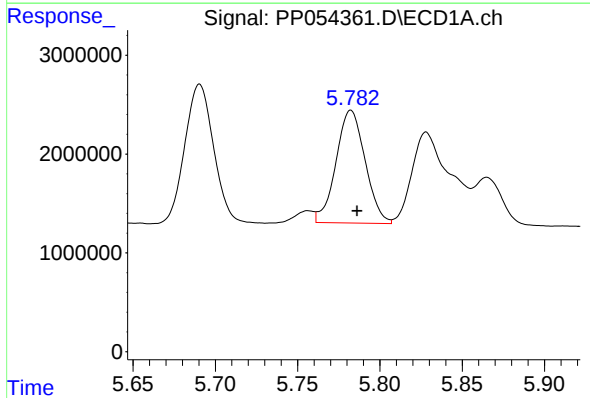
R.T.: 5.508 min
Delta R.T.: -0.003 min
Response: 27247940
Conc: 606.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



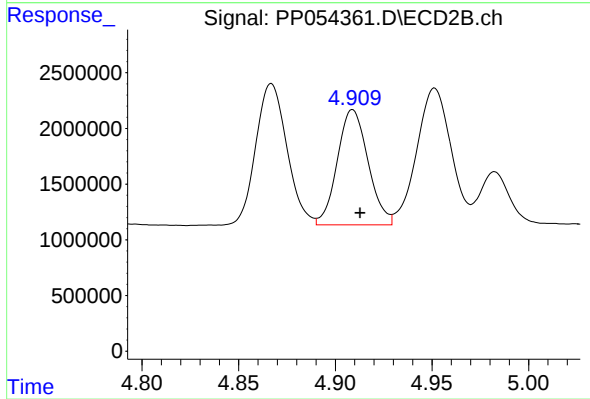
#21 AR-1248-1

R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 18722989
Conc: 575.59 ng/ml



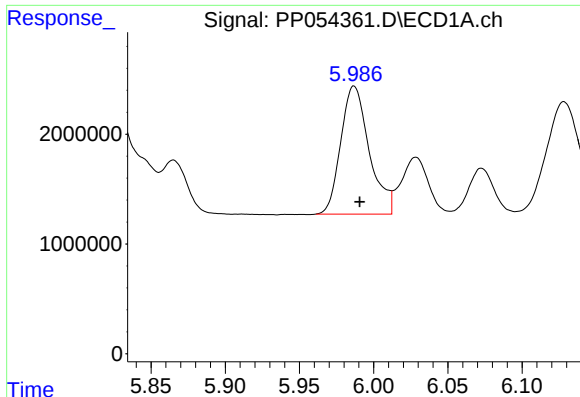
#22 AR-1248-2

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 14076922
Conc: 221.55 ng/ml



#22 AR-1248-2

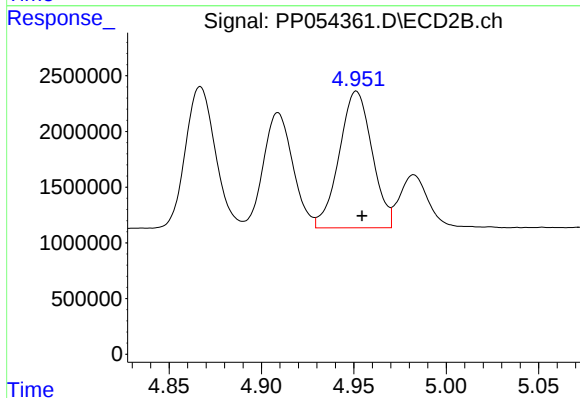
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 11489847
Conc: 232.66 ng/ml



#23 AR-1248-3

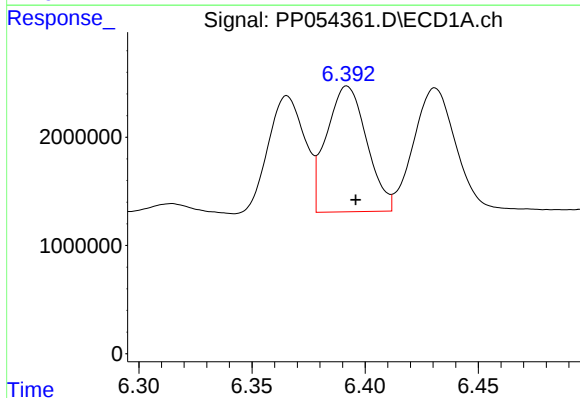
R.T.: 5.987 min
Delta R.T.: -0.004 min
Response: 15570563
Conc: 262.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



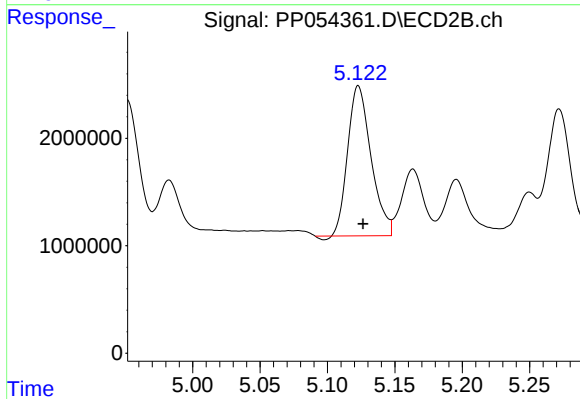
#23 AR-1248-3

R.T.: 4.951 min
Delta R.T.: -0.003 min
Response: 15186424
Conc: 294.28 ng/ml



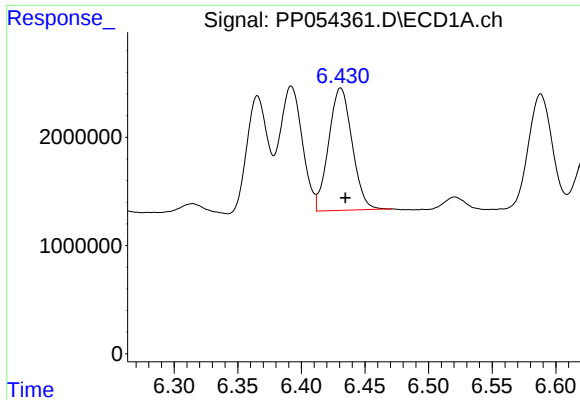
#24 AR-1248-4

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 14349345
Conc: 247.71 ng/ml



#24 AR-1248-4

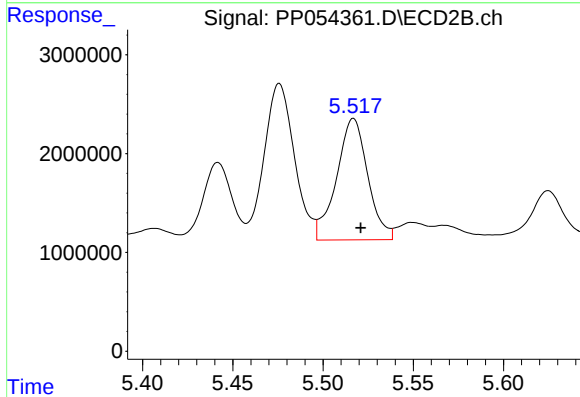
R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 16796534
Conc: 284.61 ng/ml



#25 AR-1248-5

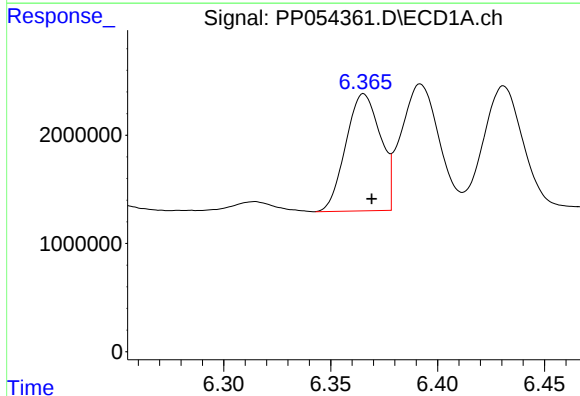
R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 14557626
Conc: 262.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



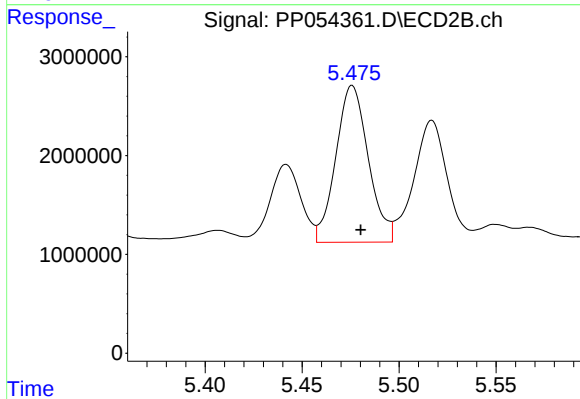
#25 AR-1248-5

R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 14810896
Conc: 298.64 ng/ml



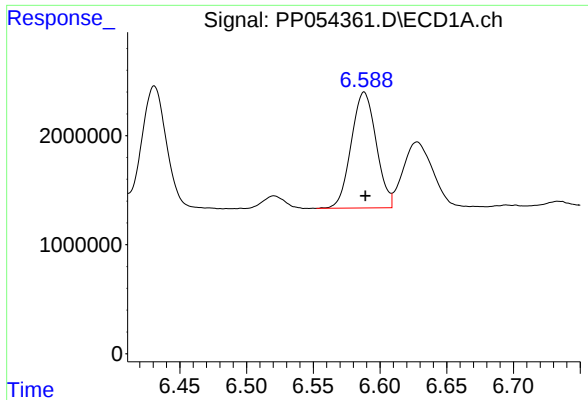
#26 AR-1254-1

R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 12186653
Conc: 196.13 ng/ml



#26 AR-1254-1

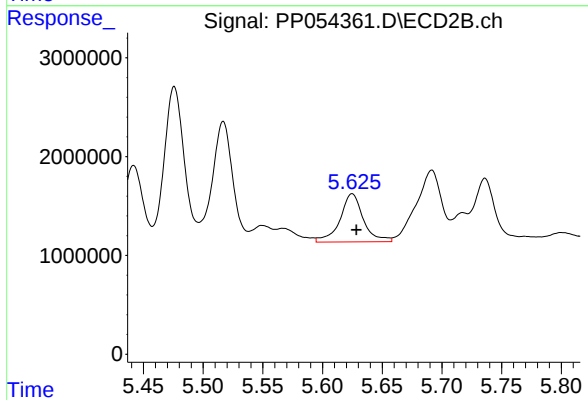
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 18503256
Conc: 215.77 ng/ml



#27 AR-1254-2

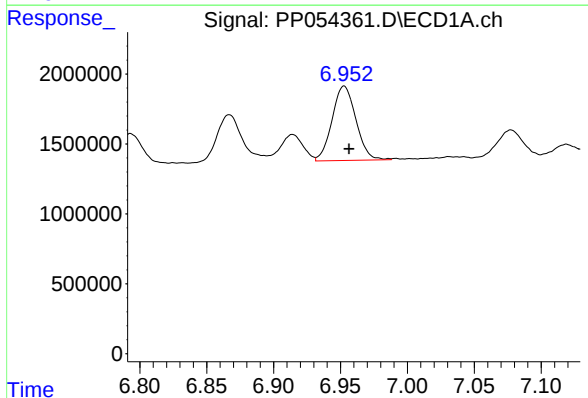
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 13848672
Conc: 147.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



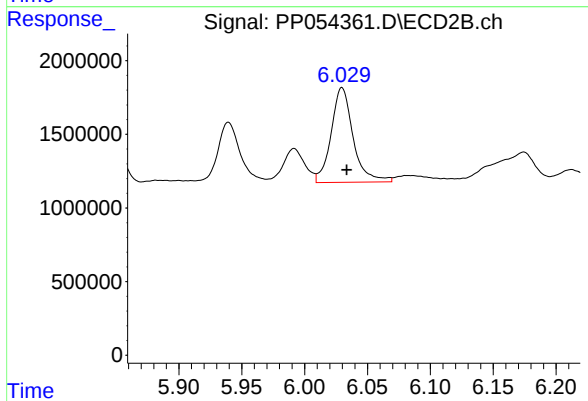
#27 AR-1254-2

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 6643603
Conc: 89.43 ng/ml



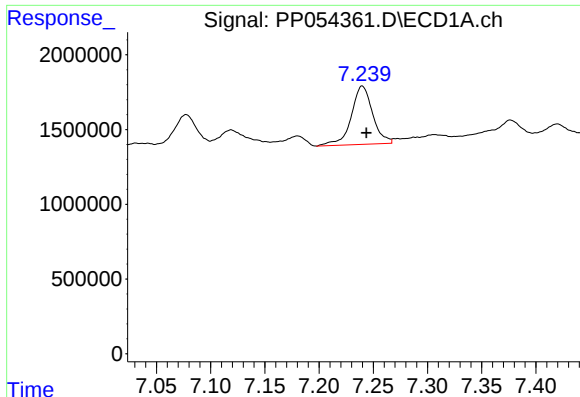
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 6603581
Conc: 69.57 ng/ml



#28 AR-1254-3

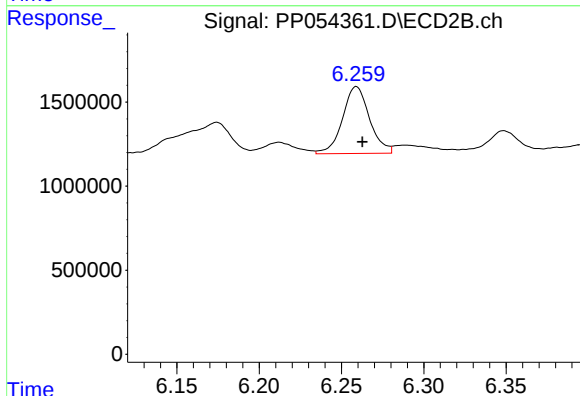
R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 7868632
Conc: 67.79 ng/ml



#29 AR-1254-4

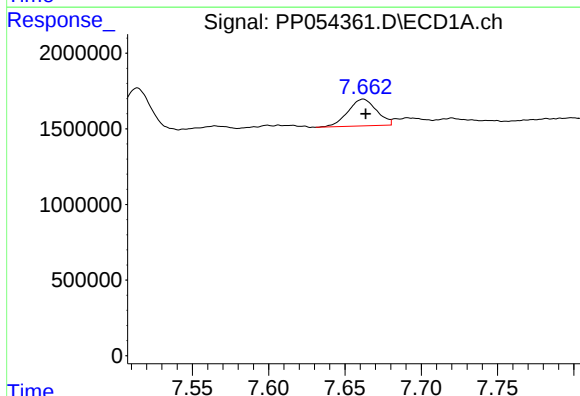
R.T.: 7.240 min
Delta R.T.: -0.004 min
Response: 5351402
Conc: 78.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



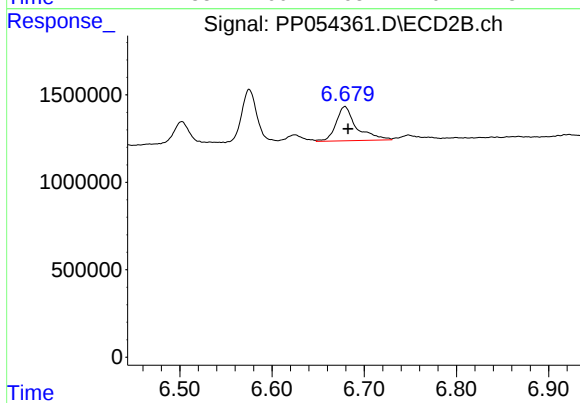
#29 AR-1254-4

R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 4551280
Conc: 72.30 ng/ml



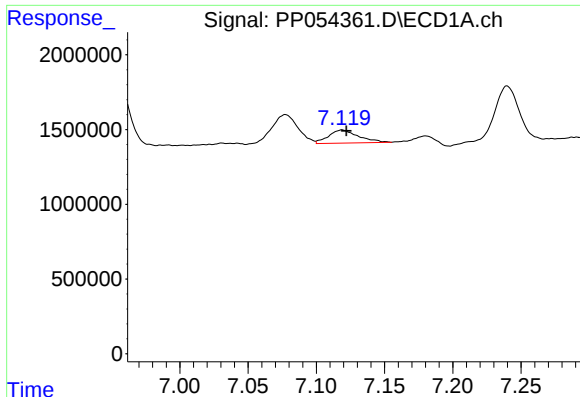
#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 2307141
Conc: 30.35 ng/ml



#30 AR-1254-5

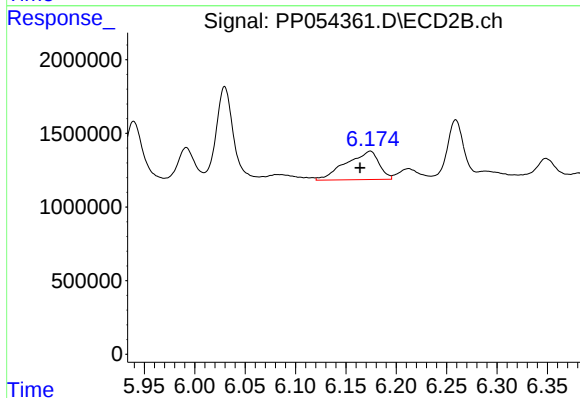
R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 3028995
Conc: 31.68 ng/ml



#31 AR-1260-1

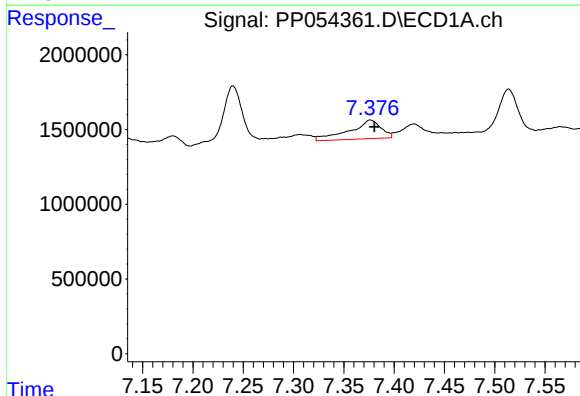
R.T.: 7.119 min
Delta R.T.: -0.003 min
Response: 1335174
Conc: 17.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



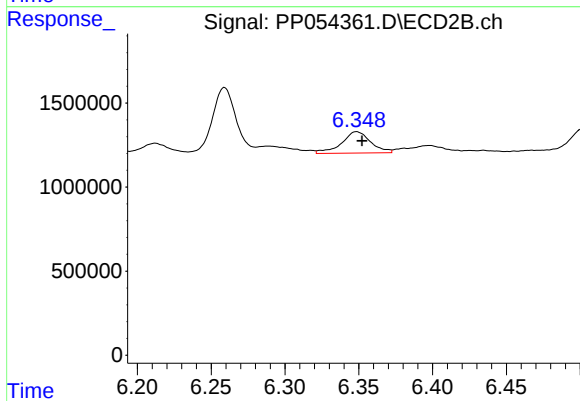
#31 AR-1260-1

R.T.: 6.174 min
Delta R.T.: 0.010 min
Response: 4397061
Conc: 51.91 ng/ml



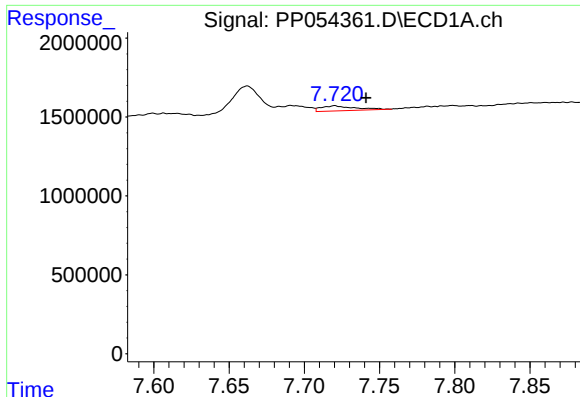
#32 AR-1260-2

R.T.: 7.376 min
Delta R.T.: -0.004 min
Response: 2726628
Conc: 30.44 ng/ml



#32 AR-1260-2

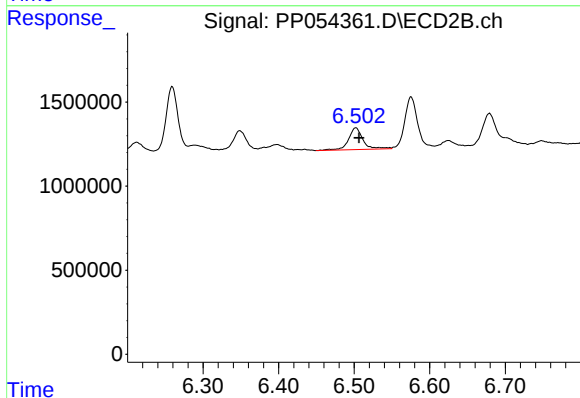
R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 1747045
Conc: 18.27 ng/ml



#33 AR-1260-3

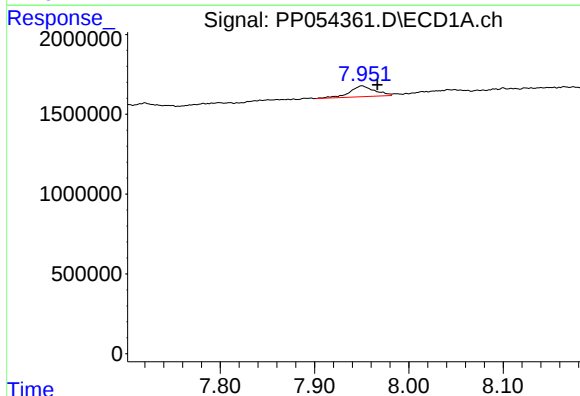
R.T.: 7.720 min
Delta R.T.: -0.021 min
Response: 497469
Conc: 7.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



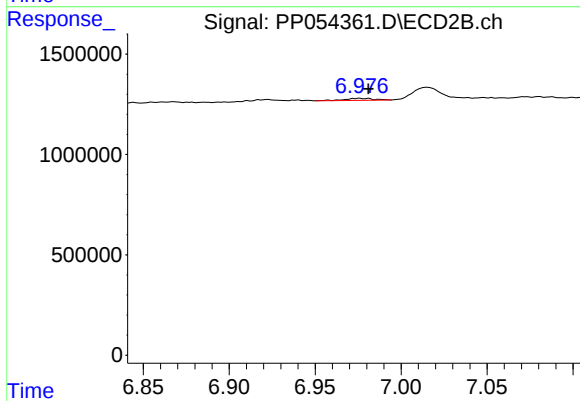
#33 AR-1260-3

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 1724010
Conc: 18.86 ng/ml



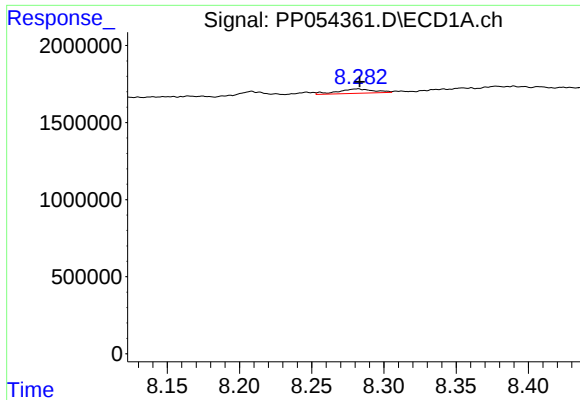
#34 AR-1260-4

R.T.: 7.950 min
Delta R.T.: -0.016 min
Response: 1249778
Conc: 15.69 ng/ml



#34 AR-1260-4

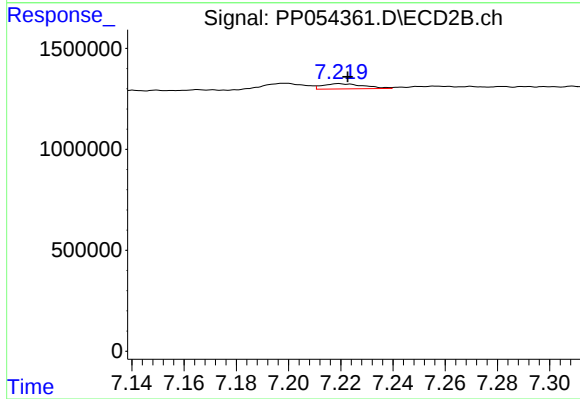
R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 121023
Conc: 1.60 ng/ml



#35 AR-1260-5

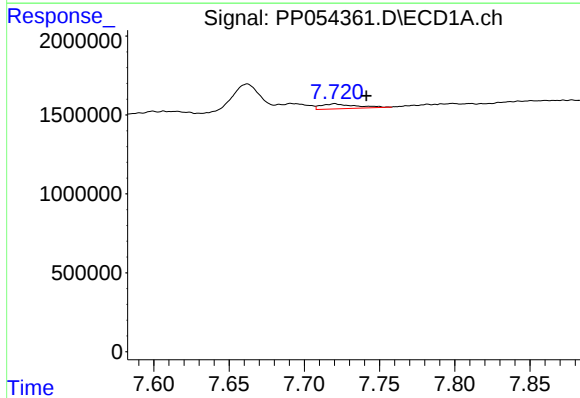
R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 487865
Conc: 3.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



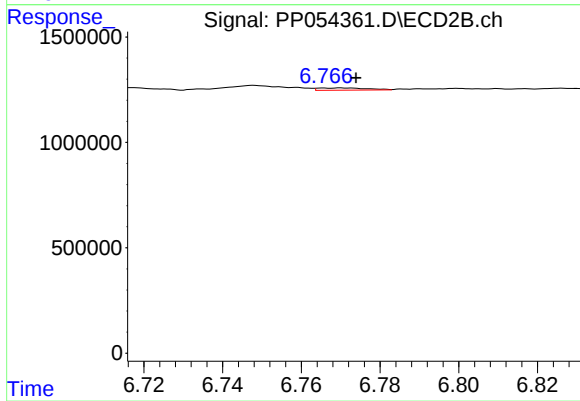
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 287472
Conc: 1.81 ng/ml



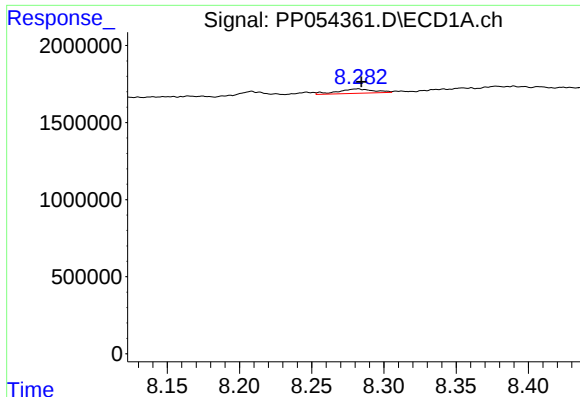
#36 AR-1262-1

R.T.: 7.720 min
Delta R.T.: -0.021 min
Response: 497469
Conc: 5.91 ng/ml



#36 AR-1262-1

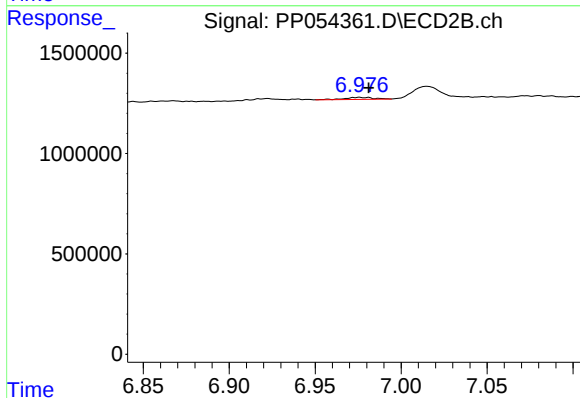
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 89460
Conc: 2.19 ng/ml



#37 AR-1262-2

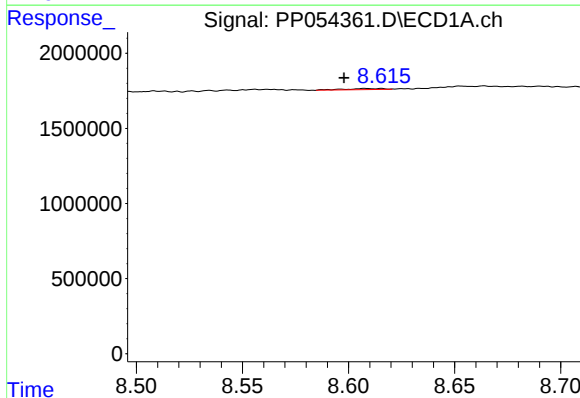
R.T.: 8.281 min
Delta R.T.: -0.003 min
Response: 487865
Conc: 3.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



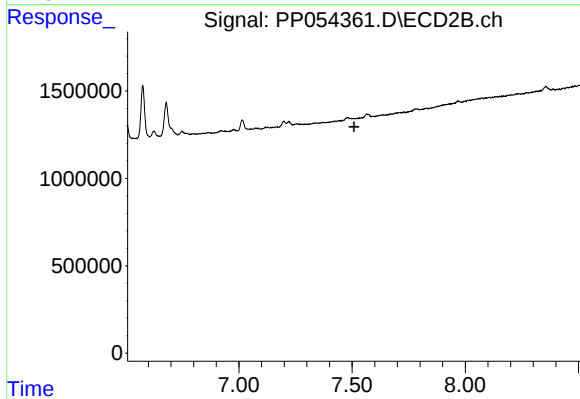
#37 AR-1262-2

R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 121023
Conc: 1.40 ng/ml



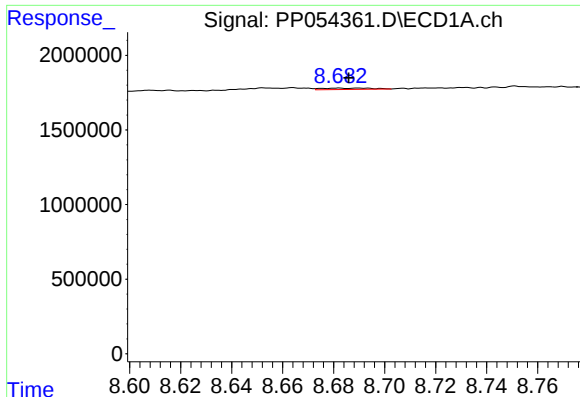
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.010 min
Response: 100520
Conc: 0.97 ng/ml



#38 AR-1262-3

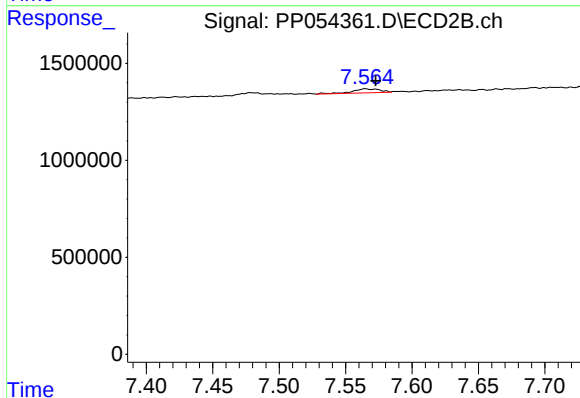
R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.



#39 AR-1262-4

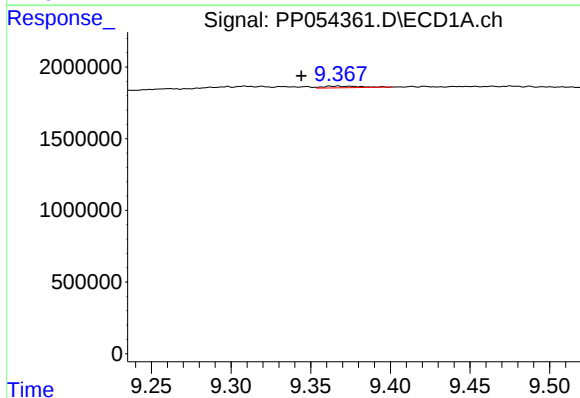
R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 116007
Conc: 2.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



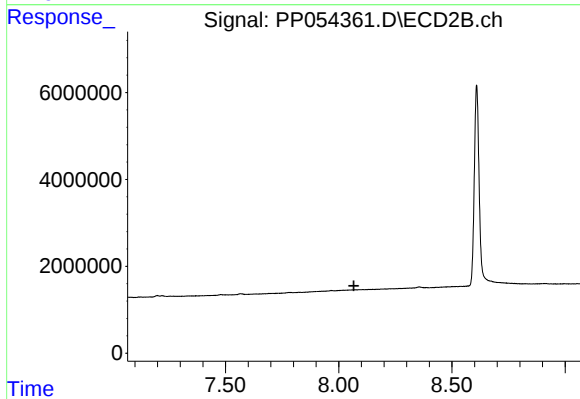
#39 AR-1262-4

R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 298015
Conc: 2.55 ng/ml



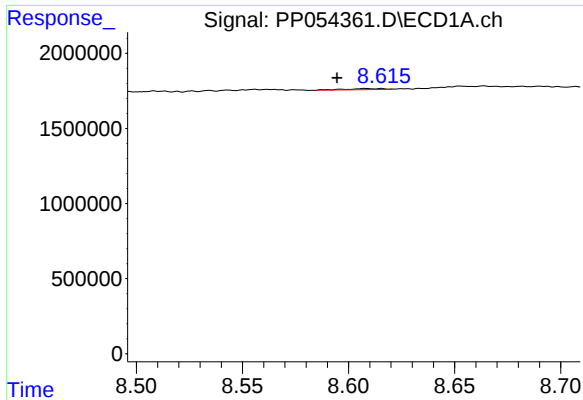
#40 AR-1262-5

R.T.: 9.366 min
Delta R.T.: 0.022 min
Response: 180018
Conc: 3.20 ng/ml



#40 AR-1262-5

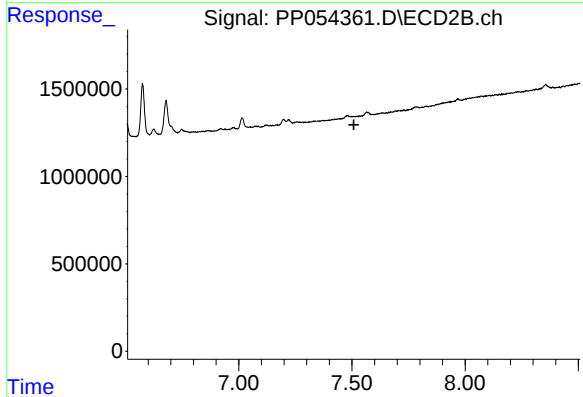
R.T.: 8.060 min
Delta R.T.: -0.008 min
Response: -122635
Conc: N.D.



#41 AR-1268-1

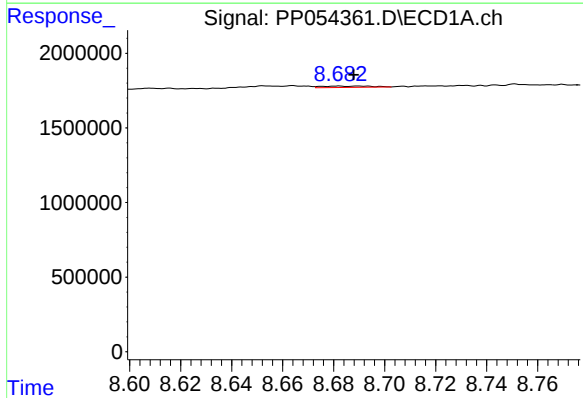
R.T.: 8.608 min
Delta R.T.: 0.013 min
Response: 100520
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



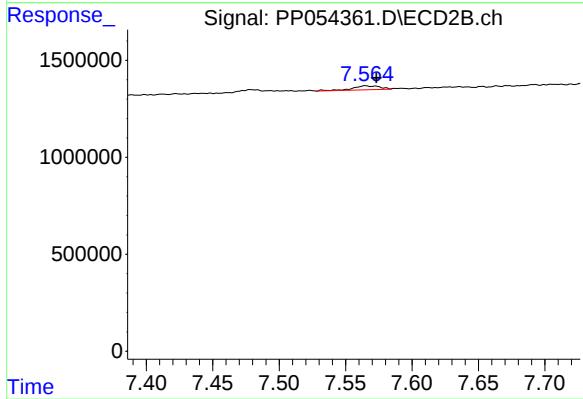
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



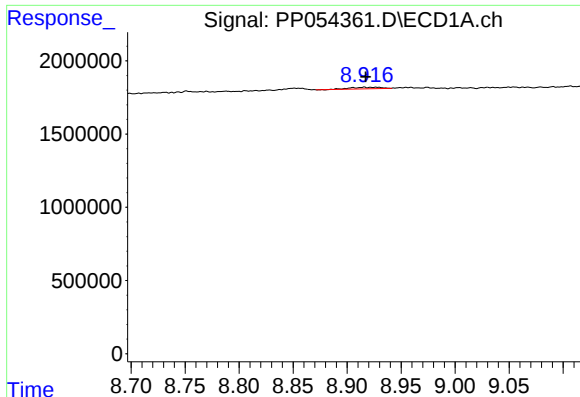
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 116007
Conc: 0.66 ng/ml



#42 AR-1268-2

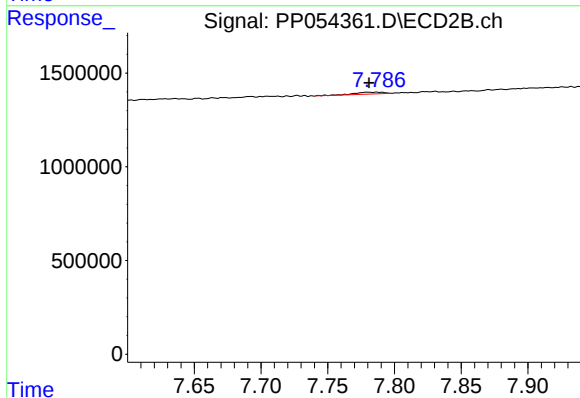
R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 298015
Conc: 1.62 ng/ml



#43 AR-1268-3

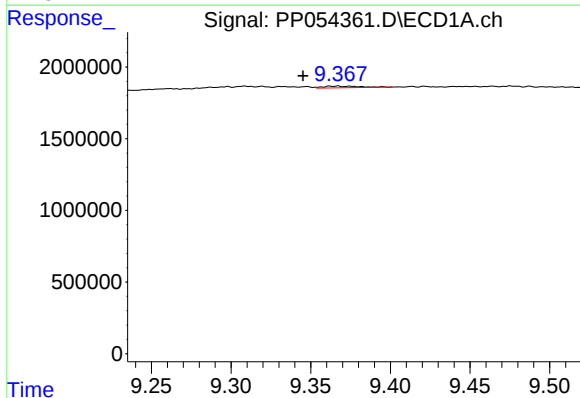
R.T.: 8.916 min
Delta R.T.: -0.001 min
Response: 205360
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



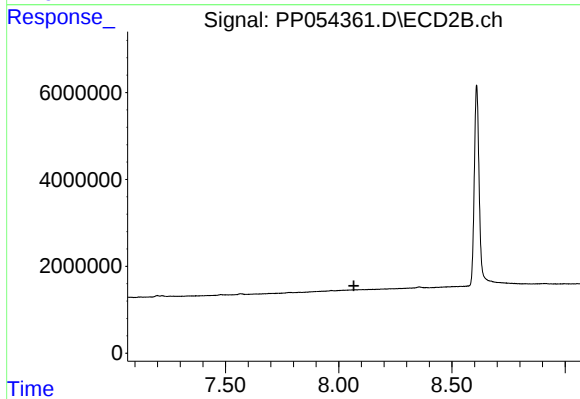
#43 AR-1268-3

R.T.: 7.787 min
Delta R.T.: 0.006 min
Response: 143501
Conc: 0.84 ng/ml



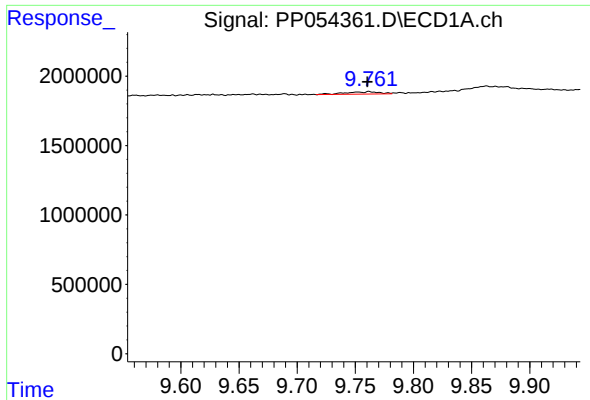
#44 AR-1268-4

R.T.: 9.366 min
Delta R.T.: 0.021 min
Response: 180018
Conc: 2.63 ng/ml



#44 AR-1268-4

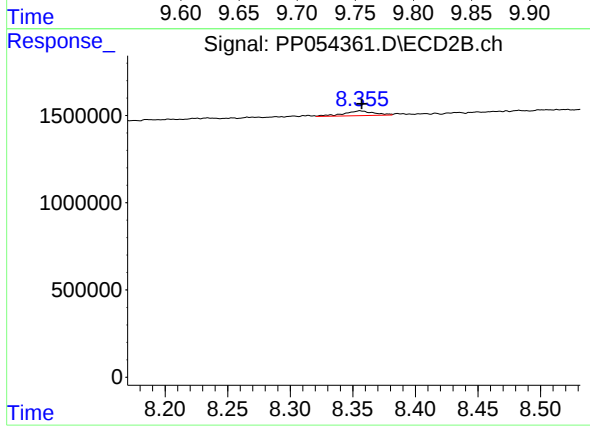
R.T.: 8.060 min
Delta R.T.: -0.008 min
Response: -122635
Conc: N.D.



#45 AR-1268-5

R.T.: 9.762 min
Delta R.T.: 0.002 min
Response: 334224
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: -0.001 min
Response: 456039
Conc: 0.93 ng/ml