

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082225\
 Data File : PP074594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 20:12
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 05:34:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 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...	4.658	3.801	61552844	270.1E6	50.301	55.865
2)	SA Decachlor...	10.434	8.814	51450407	356.5E6	52.101	47.537
Target Compounds							
3)	L1 AR-1016-1	5.810	4.898	15607543	148.7E6	354.002	291.946
4)	L1 AR-1016-2	5.831	4.955	18242052	55130014	290.286	231.624
5)	L1 AR-1016-3	5.894	5.079	10289900	36989000	229.103	268.224
6)	L1 AR-1016-4	5.991	5.119	10893814	98556953	309.643	704.969 #
7)	L1 AR-1016-5	6.284	5.333	23986929	114.3E6	722.801	688.222
8)	L2 AR-1221-1	4.856	4.008	401186	810775	22.804	13.105 #
9)	L2 AR-1221-2	4.960	4.099	1347459	3402248	100.879	75.251 #
10)	L2 AR-1221-3	5.019	4.174	1376757	4971585	36.314	30.260
11)	L3 AR-1232-1	5.019	4.174	1376757	4971585	45.327	38.812
12)	L3 AR-1232-2	5.545	4.898	6969873	148.7E6	442.301	641.536 #
13)	L3 AR-1232-3	5.831	5.079	18242052	36989000	597.244	615.870
14)	L3 AR-1232-4	5.991	5.161	10893814	165.6E6	630.821	2246.053 #
15)	L3 AR-1232-5	6.081	5.333	21848460	114.3E6	1683.117	1841.096
16)	L4 AR-1242-1	5.810	4.898	15607543	148.7E6	407.772	352.585
17)	L4 AR-1242-2	5.831	4.955	18242052	55130014	322.971	275.261
18)	L4 AR-1242-3	5.894	5.079	10289900	36989000	253.428	312.676
19)	L4 AR-1242-4	5.991	5.161	10893814	165.6E6	343.200	967.231 #
20)	L4 AR-1242-5	6.720	5.682	27328736	192.2E6	757.646	1037.886 #
21)	L5 AR-1248-1	5.810	4.898	15607543	148.7E6	516.395	538.503
22)	L5 AR-1248-2	6.081	5.119	21848460	98556953	506.971	557.589
23)	L5 AR-1248-3	6.284	5.161	23986929	165.6E6	513.599	728.645 #
24)	L5 AR-1248-4	6.681	5.333	27578815	114.3E6	501.426	524.272
25)	L5 AR-1248-5	6.720	5.722	27328736	202.1E6	492.672	550.301
26)	L6 AR-1254-1	6.656	5.682	20995408	192.2E6	360.316	403.136
27)	L6 AR-1254-2	6.876	5.829	27182954	60749785	333.059	172.520 #
28)	L6 AR-1254-3	7.236	6.231	15944842	91505948	178.741	147.637
29)	L6 AR-1254-4	7.517	6.458	11123691	69097121	168.762	147.446
30)	L6 AR-1254-5	7.933	6.873	3399528	16038538	40.916	32.698
31)	L7 AR-1260-1	7.403	6.374	1782483	48115252	30.834	128.231 #
32)	L7 AR-1260-2	7.650	6.547	2856968	9987098	41.455	18.886 #
33)	L7 AR-1260-3	7.995	6.700	641269	8822645	12.359	20.376 #
34)	L7 AR-1260-4	8.221	7.174	1335794	561279	20.940	1.471 #
35)	L7 AR-1260-5	8.565	7.410	709593	3704032	6.257	3.688 #
36)	L8 AR-1262-1	8.221	6.939	1335794	1298380	17.344	1.836 #
37)	L8 AR-1262-2	8.565	7.174	709593	561279	5.360	1.078 #
38)	L8 AR-1262-3	8.895	7.694	352085	959926	3.622	2.059 #
39)	L8 AR-1262-4	0.000	7.762	0	3087145	N.D.	3.756 #
40)	L8 AR-1262-5	9.653	8.247	124163	441718	2.037	1.233 #
41)	L9 AR-1268-1	8.895	7.694	352085	959926	2.173	0.681 #

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 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

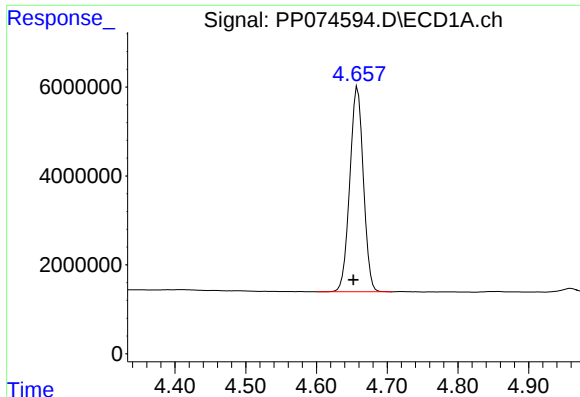
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 05:34:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.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	0.000	7.762	0	3087145	N.D.	2.264 #
43) L9	AR-1268-3	9.225	7.967	245746	909771	1.988	0.872 #
44) L9	AR-1268-4	9.653	8.247	124163	441718	1.846	1.153 #
45) L9	AR-1268-5	10.080	8.546	360584	1147672	0.974	0.366 #

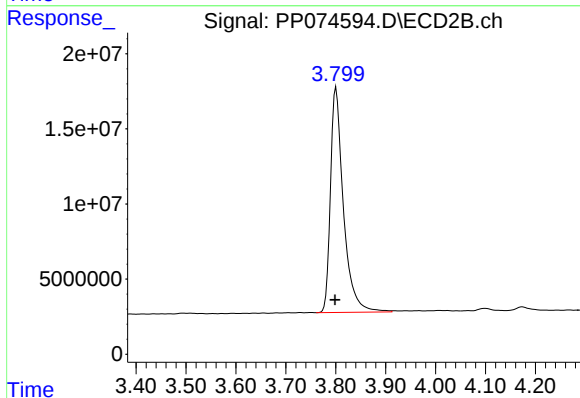
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

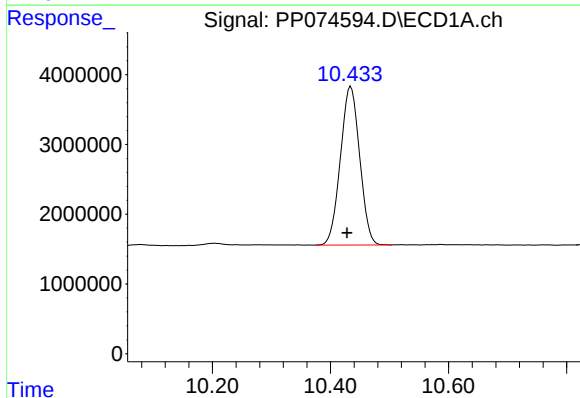
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 61552844
Conc: 50.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



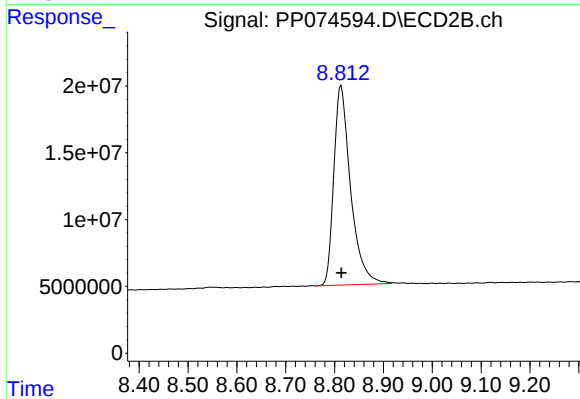
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 270131640
Conc: 55.87 ng/ml



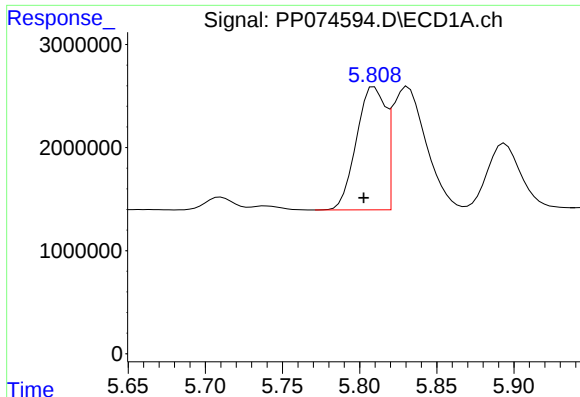
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.006 min
Response: 51450407
Conc: 52.10 ng/ml



#2 Decachlorobiphenyl

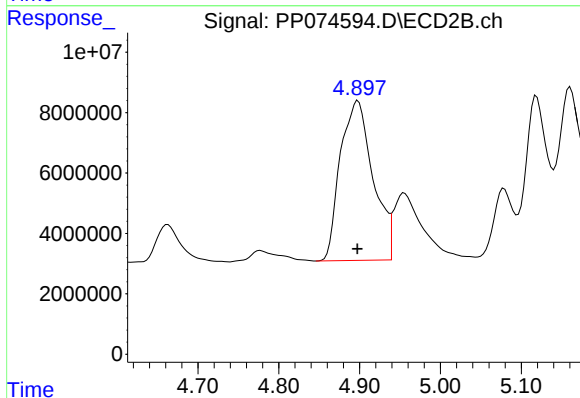
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 356490846
Conc: 47.54 ng/ml



#3 AR-1016-1

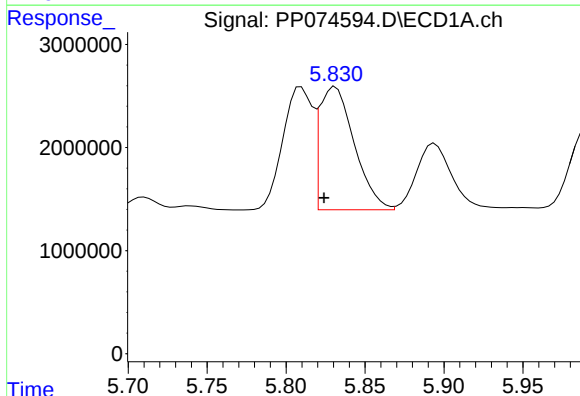
R.T.: 5.810 min
Delta R.T.: 0.007 min
Response: 15607543
Conc: 354.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



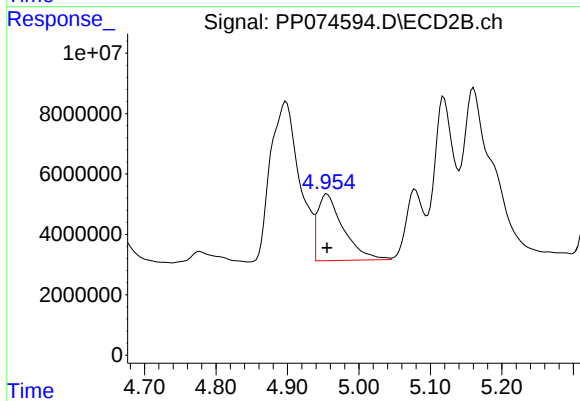
#3 AR-1016-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 148703692
Conc: 291.95 ng/ml



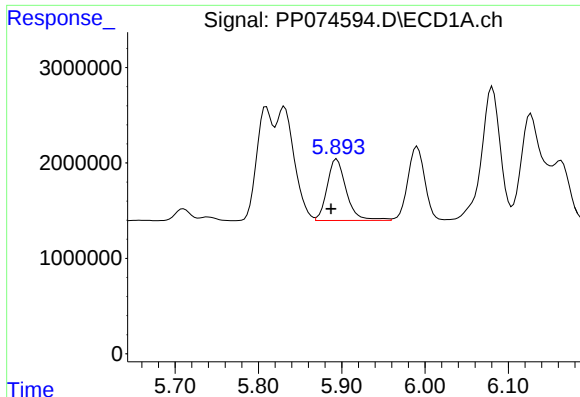
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: 0.007 min
Response: 18242052
Conc: 290.29 ng/ml



#4 AR-1016-2

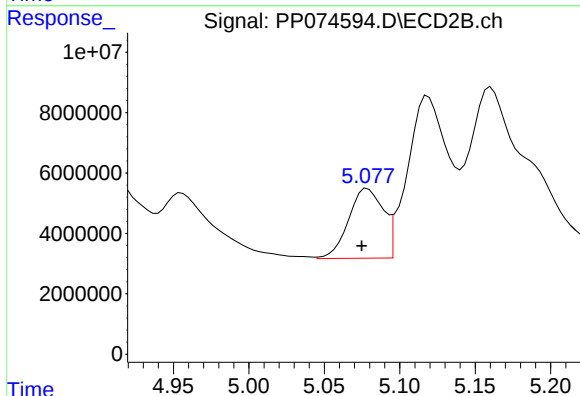
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 55130014
Conc: 231.62 ng/ml



#5 AR-1016-3

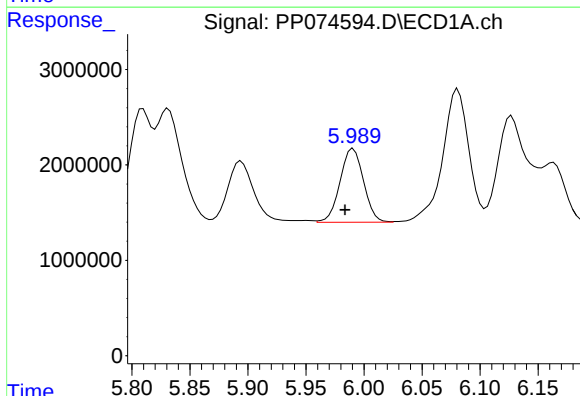
R.T.: 5.894 min
Delta R.T.: 0.007 min
Response: 10289900
Conc: 229.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



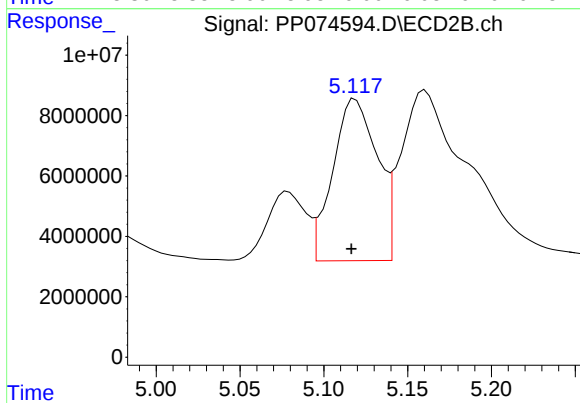
#5 AR-1016-3

R.T.: 5.079 min
Delta R.T.: 0.004 min
Response: 36989000
Conc: 268.22 ng/ml



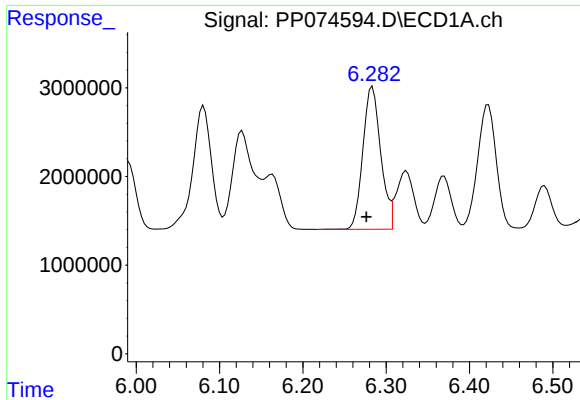
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.007 min
Response: 10893814
Conc: 309.64 ng/ml



#6 AR-1016-4

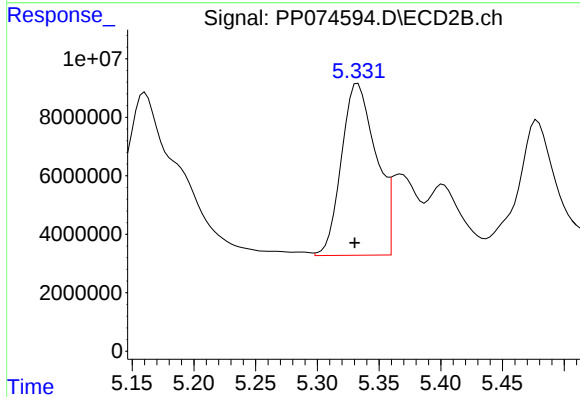
R.T.: 5.119 min
Delta R.T.: 0.003 min
Response: 98556953
Conc: 704.97 ng/ml



#7 AR-1016-5

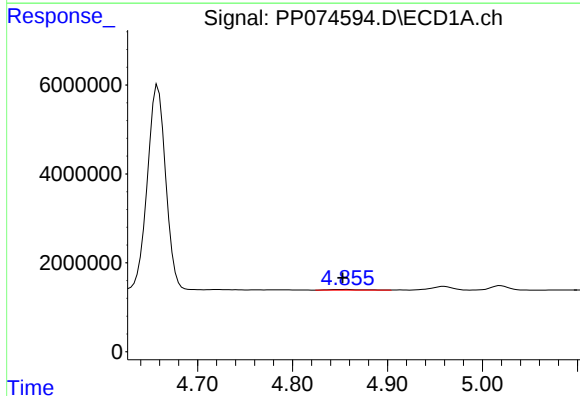
R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 23986929
Conc: 722.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



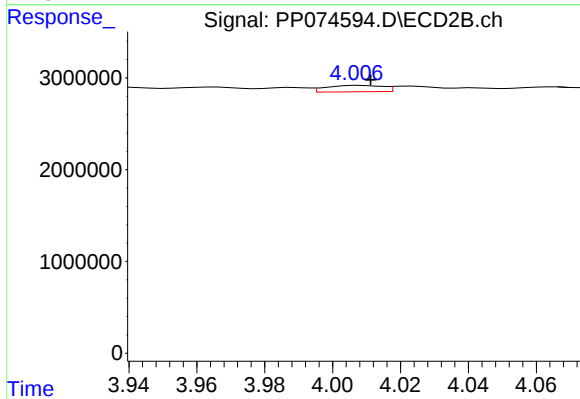
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: 0.003 min
Response: 114302225
Conc: 688.22 ng/ml



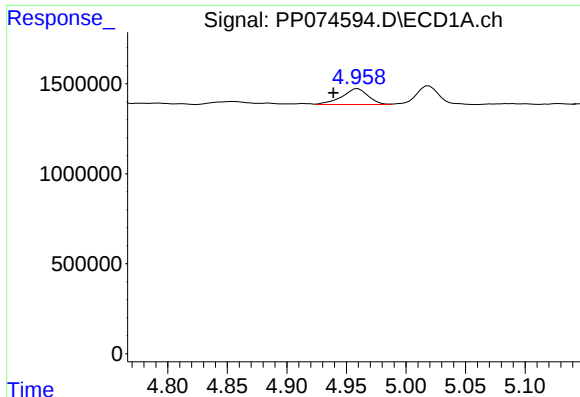
#8 AR-1221-1

R.T.: 4.856 min
Delta R.T.: 0.003 min
Response: 401186
Conc: 22.80 ng/ml



#8 AR-1221-1

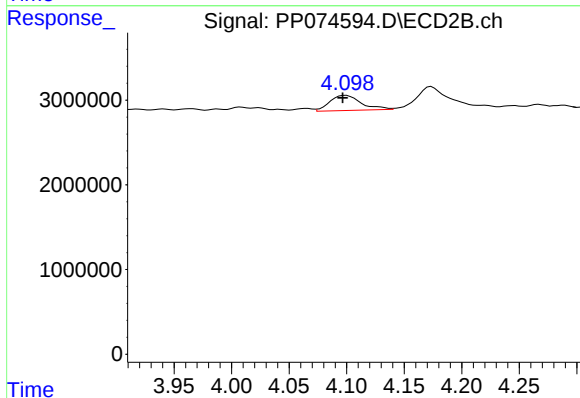
R.T.: 4.008 min
Delta R.T.: -0.003 min
Response: 810775
Conc: 13.11 ng/ml



#9 AR-1221-2

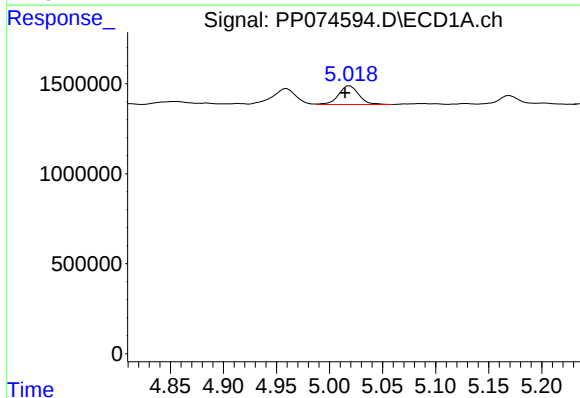
R.T.: 4.960 min
Delta R.T.: 0.021 min
Response: 1347459
Conc: 100.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



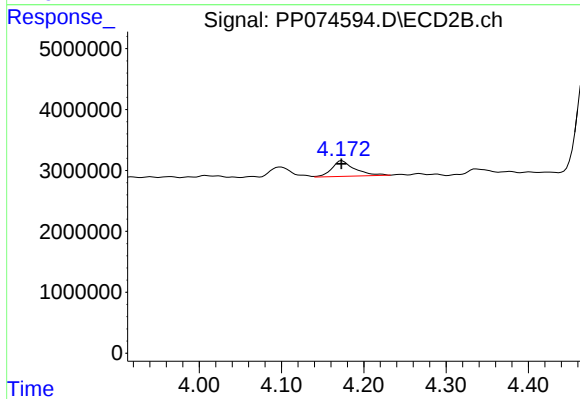
#9 AR-1221-2

R.T.: 4.099 min
Delta R.T.: 0.003 min
Response: 3402248
Conc: 75.25 ng/ml



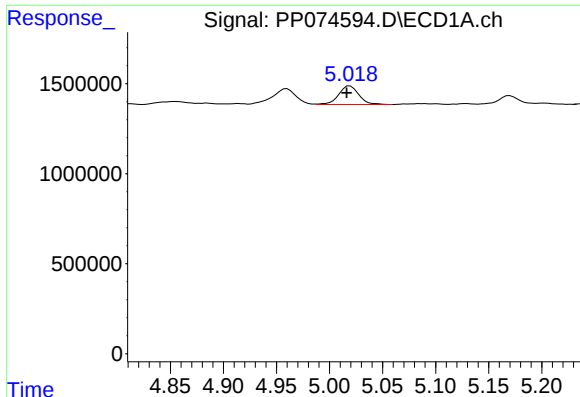
#10 AR-1221-3

R.T.: 5.019 min
Delta R.T.: 0.005 min
Response: 1376757
Conc: 36.31 ng/ml



#10 AR-1221-3

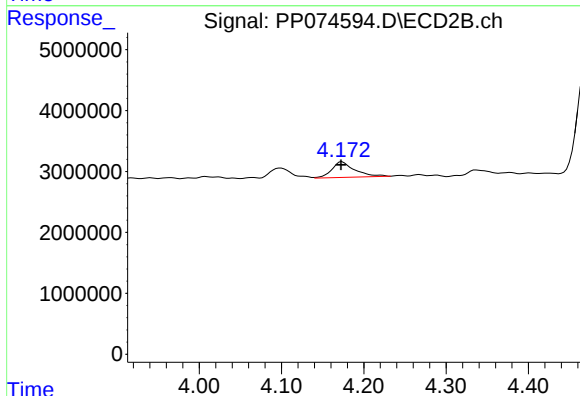
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 4971585
Conc: 30.26 ng/ml



#11 AR-1232-1

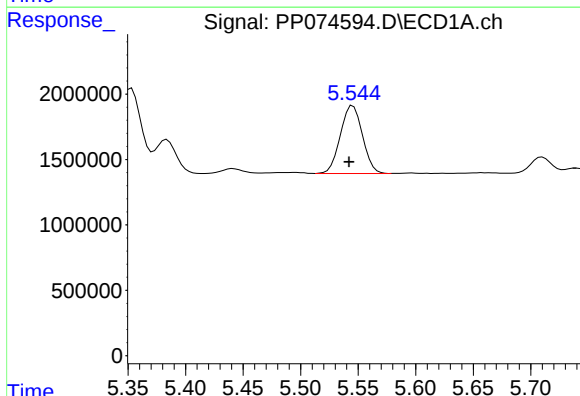
R.T.: 5.019 min
Delta R.T.: 0.003 min
Response: 1376757
Conc: 45.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



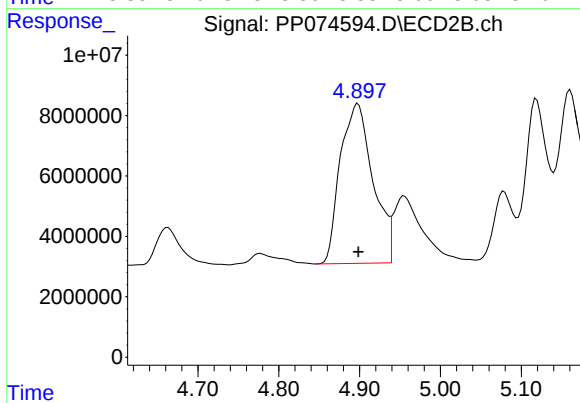
#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: 0.001 min
Response: 4971585
Conc: 38.81 ng/ml



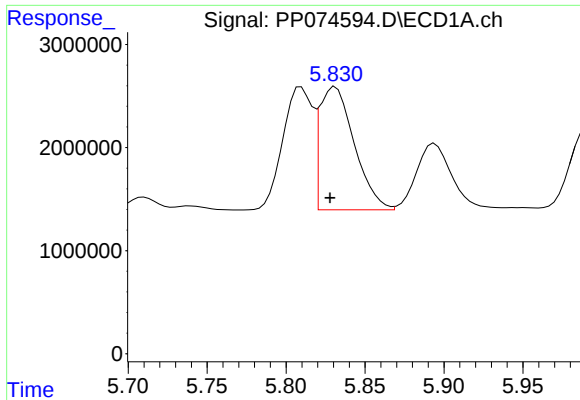
#12 AR-1232-2

R.T.: 5.545 min
Delta R.T.: 0.003 min
Response: 6969873
Conc: 442.30 ng/ml



#12 AR-1232-2

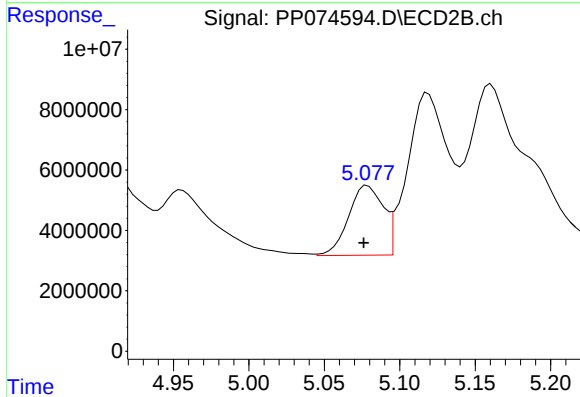
R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 148703692
Conc: 641.54 ng/ml



#13 AR-1232-3

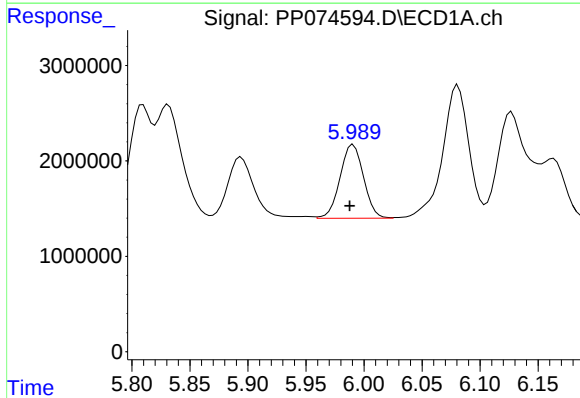
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 18242052
Conc: 597.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



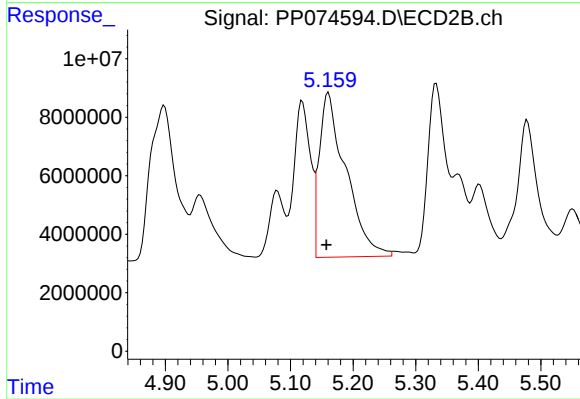
#13 AR-1232-3

R.T.: 5.079 min
Delta R.T.: 0.002 min
Response: 36989000
Conc: 615.87 ng/ml



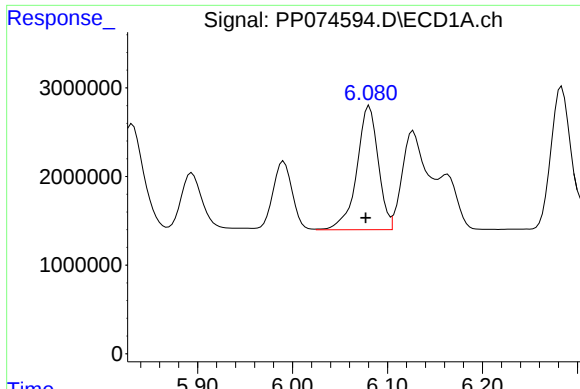
#14 AR-1232-4

R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 10893814
Conc: 630.82 ng/ml



#14 AR-1232-4

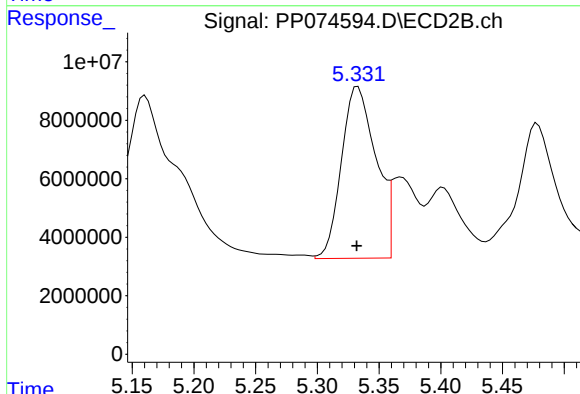
R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 165550667
Conc: 2246.05 ng/ml



#15 AR-1232-5

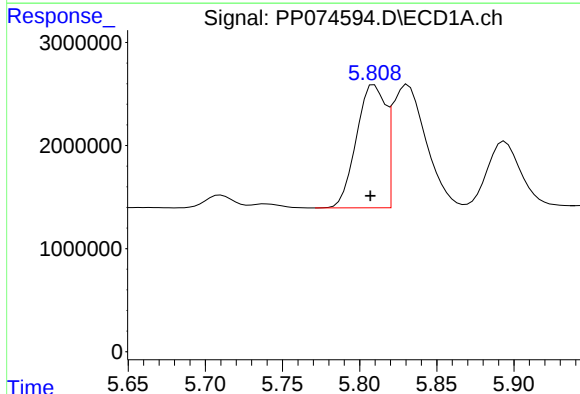
R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 21848460
Conc: 1683.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



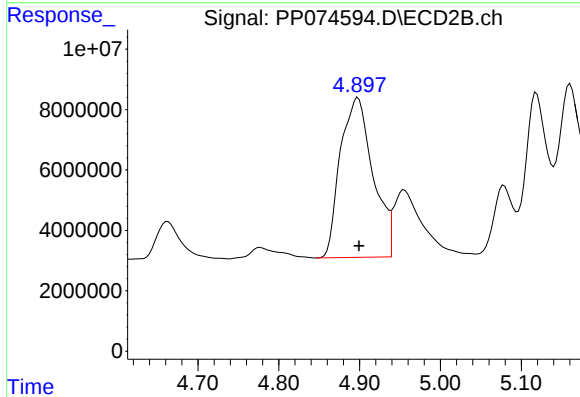
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: 0.001 min
Response: 114302225
Conc: 1841.10 ng/ml



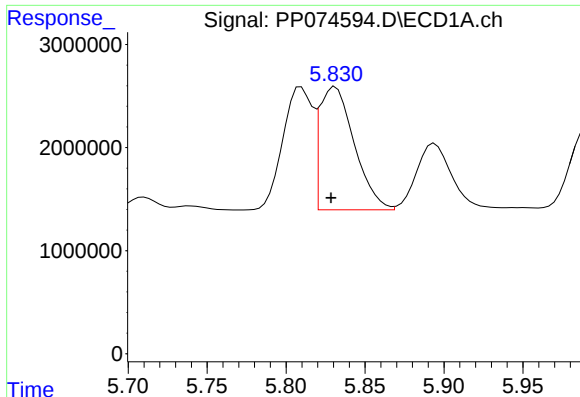
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 15607543
Conc: 407.77 ng/ml



#16 AR-1242-1

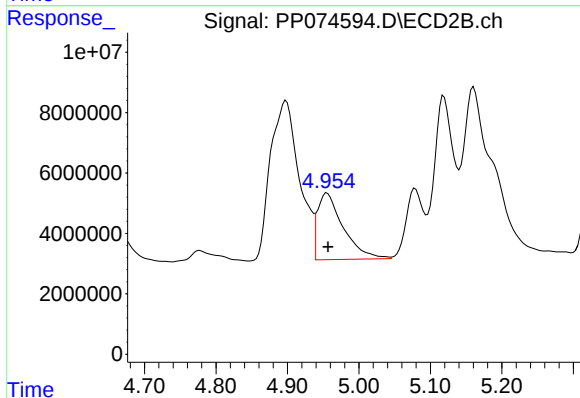
R.T.: 4.898 min
Delta R.T.: -0.001 min
Response: 148703692
Conc: 352.58 ng/ml



#17 AR-1242-2

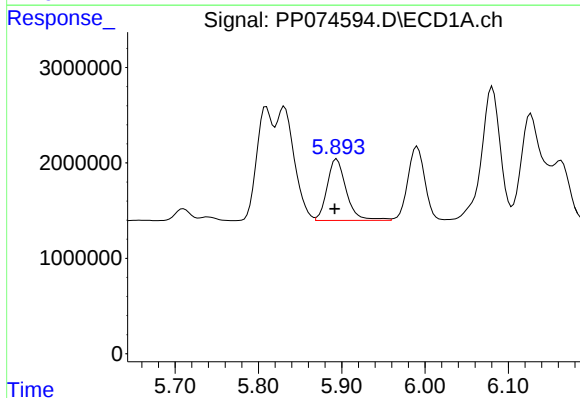
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 18242052
Conc: 322.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



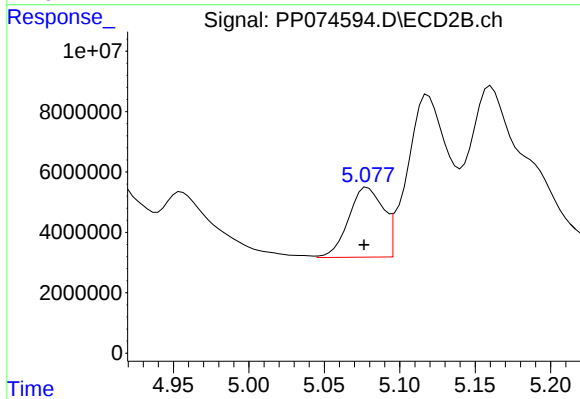
#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 55130014
Conc: 275.26 ng/ml



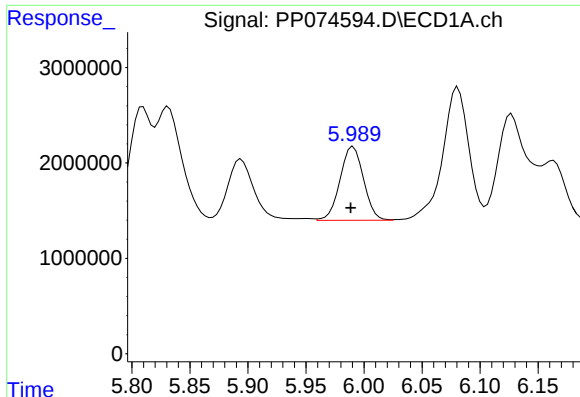
#18 AR-1242-3

R.T.: 5.894 min
Delta R.T.: 0.003 min
Response: 10289900
Conc: 253.43 ng/ml



#18 AR-1242-3

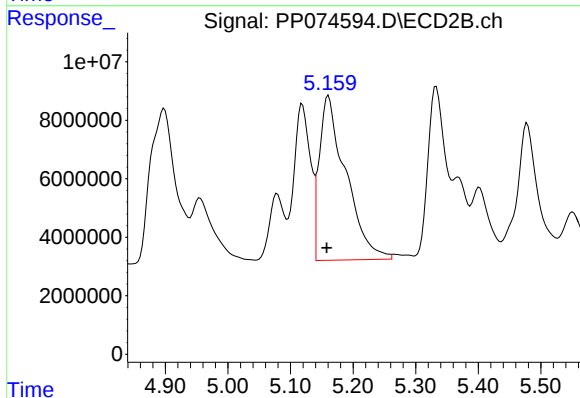
R.T.: 5.079 min
Delta R.T.: 0.002 min
Response: 36989000
Conc: 312.68 ng/ml



#19 AR-1242-4

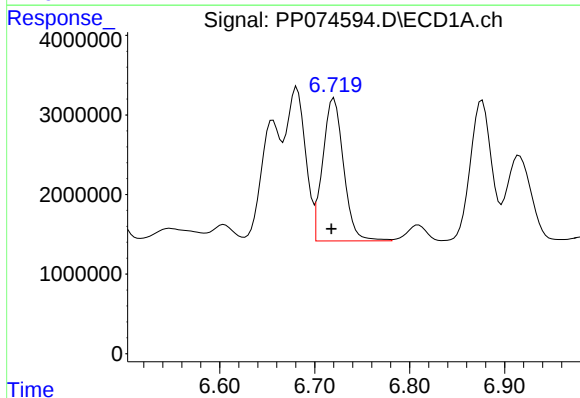
R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 10893814
Conc: 343.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



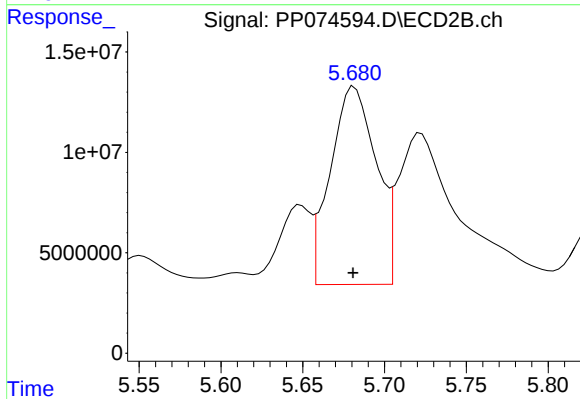
#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 165550667
Conc: 967.23 ng/ml



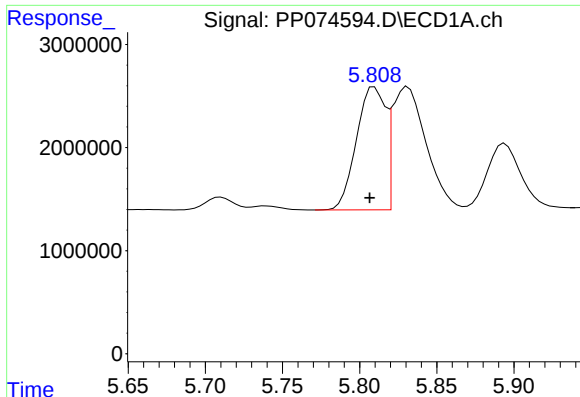
#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 27328736
Conc: 757.65 ng/ml



#20 AR-1242-5

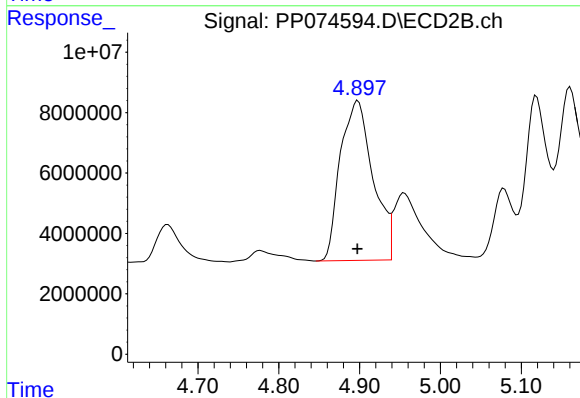
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 192179173
Conc: 1037.89 ng/ml



#21 AR-1248-1

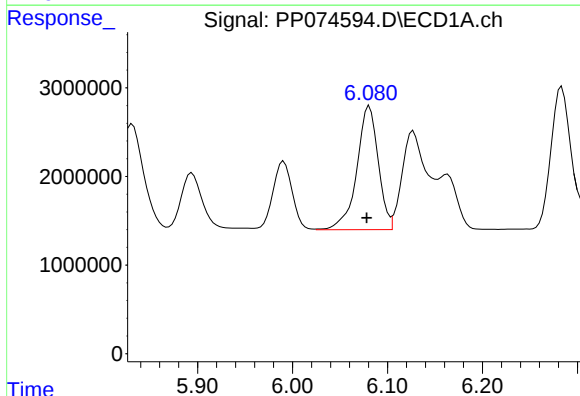
R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 15607543
Conc: 516.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



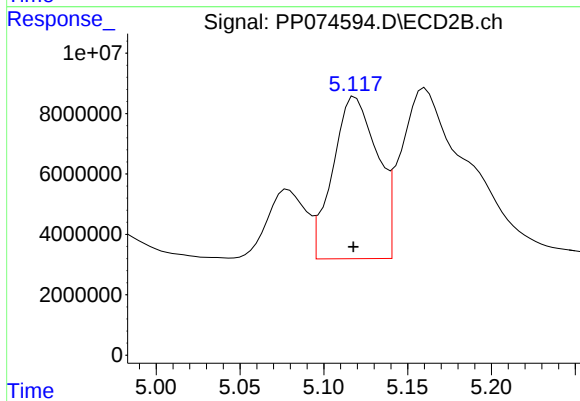
#21 AR-1248-1

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 148703692
Conc: 538.50 ng/ml



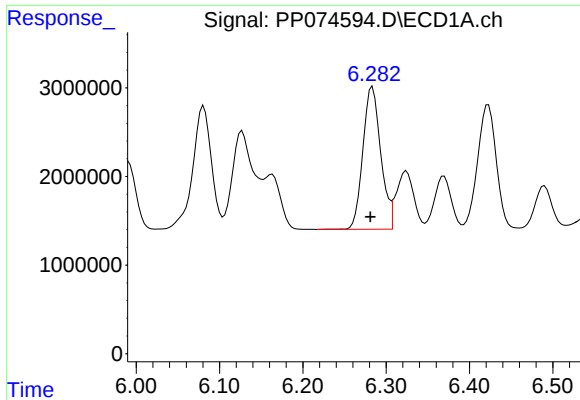
#22 AR-1248-2

R.T.: 6.081 min
Delta R.T.: 0.003 min
Response: 21848460
Conc: 506.97 ng/ml



#22 AR-1248-2

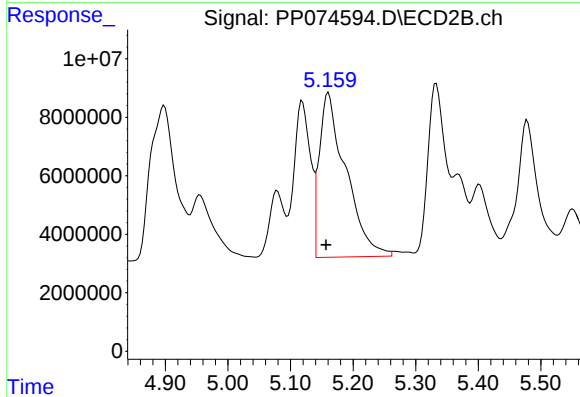
R.T.: 5.119 min
Delta R.T.: 0.001 min
Response: 98556953
Conc: 557.59 ng/ml



#23 AR-1248-3

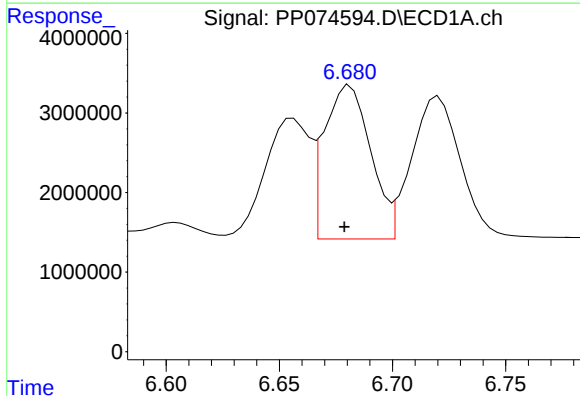
R.T.: 6.284 min
Delta R.T.: 0.002 min
Response: 23986929
Conc: 513.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



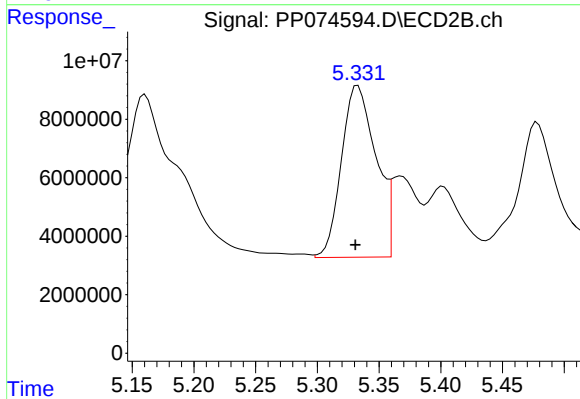
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.003 min
Response: 165550667
Conc: 728.65 ng/ml



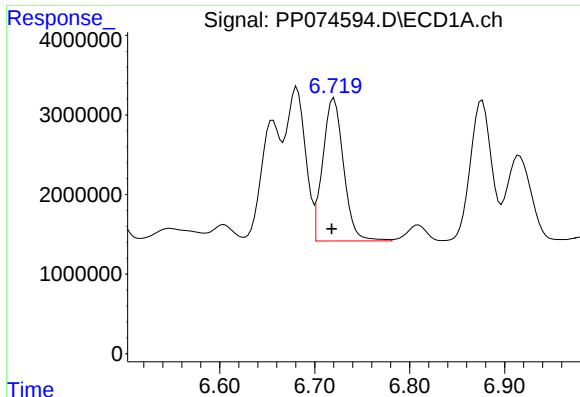
#24 AR-1248-4

R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 27578815
Conc: 501.43 ng/ml



#24 AR-1248-4

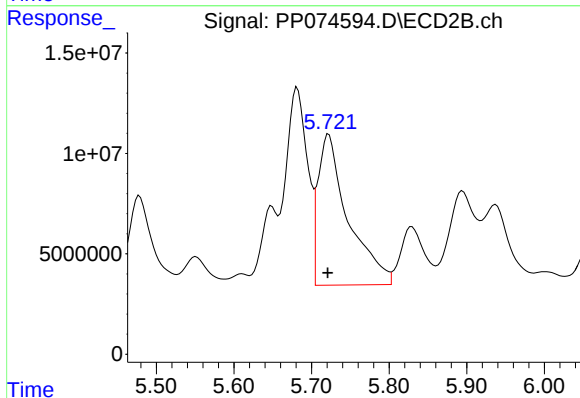
R.T.: 5.333 min
Delta R.T.: 0.002 min
Response: 114302225
Conc: 524.27 ng/ml



#25 AR-1248-5

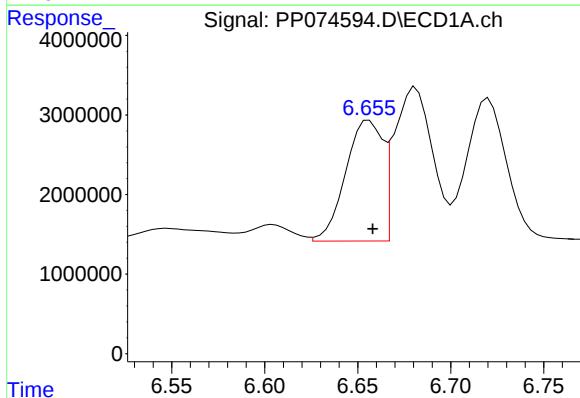
R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 27328736
Conc: 492.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



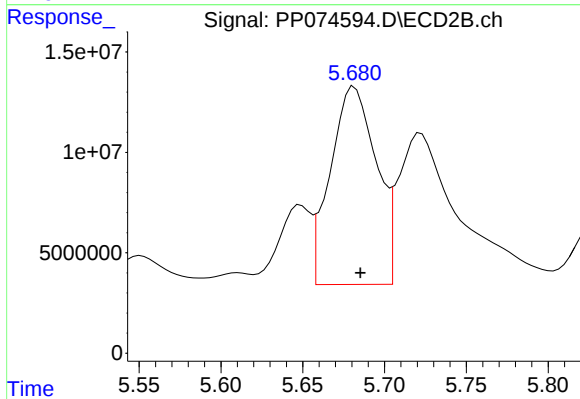
#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.001 min
Response: 202137733
Conc: 550.30 ng/ml



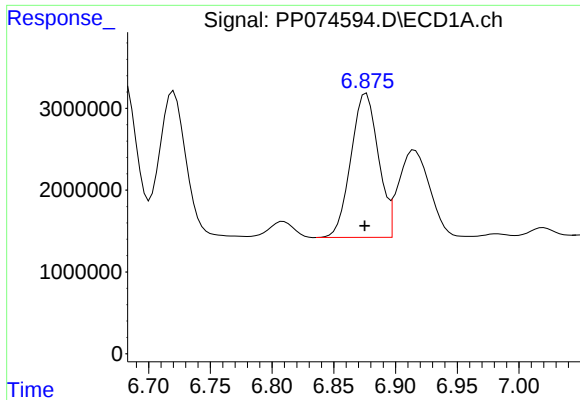
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: -0.002 min
Response: 20995408
Conc: 360.32 ng/ml



#26 AR-1254-1

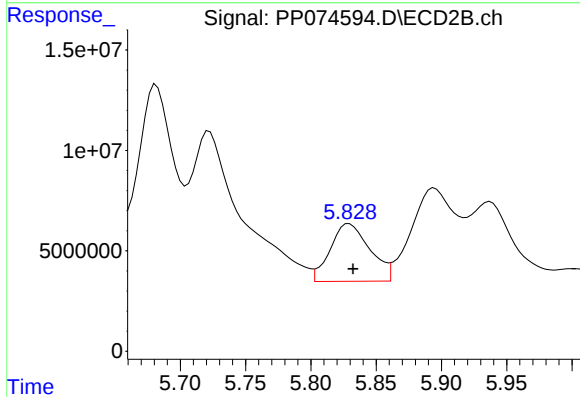
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 192179173
Conc: 403.14 ng/ml



#27 AR-1254-2

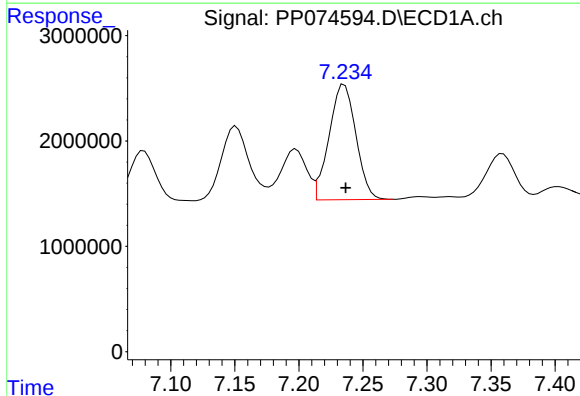
R.T.: 6.876 min
Delta R.T.: 0.001 min
Response: 27182954
Conc: 333.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



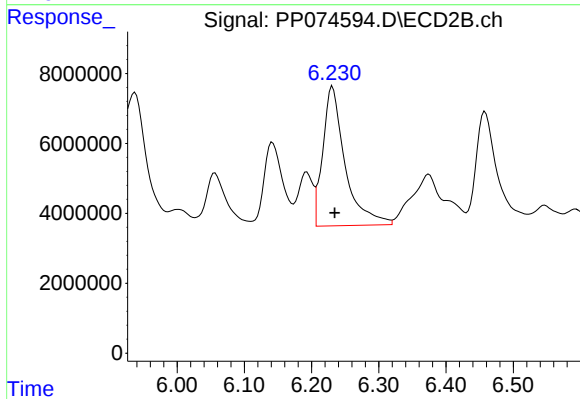
#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 60749785
Conc: 172.52 ng/ml



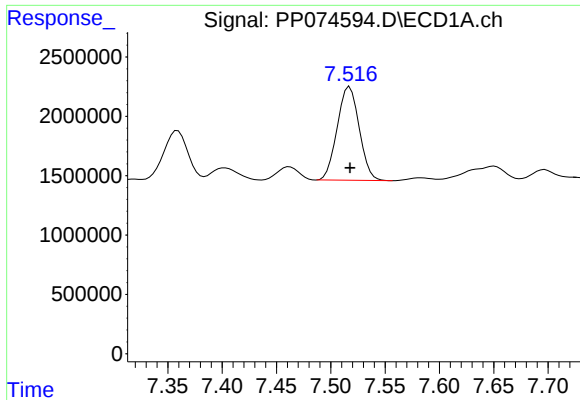
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 15944842
Conc: 178.74 ng/ml



#28 AR-1254-3

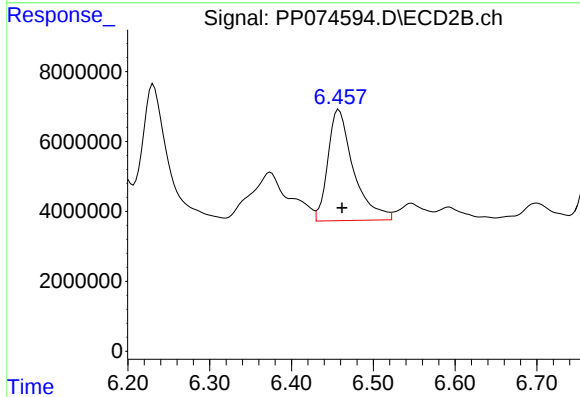
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 91505948
Conc: 147.64 ng/ml



#29 AR-1254-4

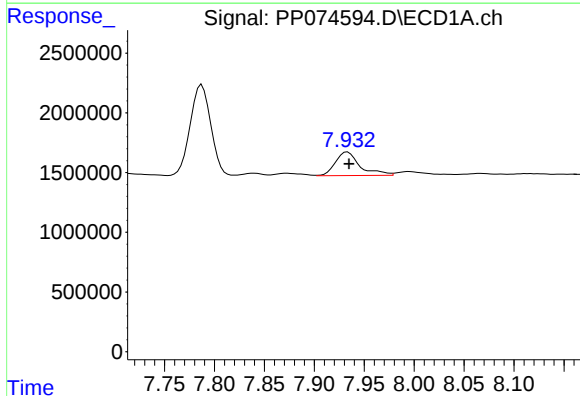
R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 11123691
Conc: 168.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



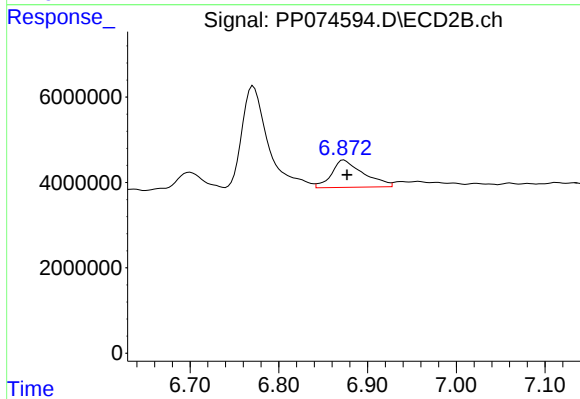
#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.004 min
Response: 69097121
Conc: 147.45 ng/ml



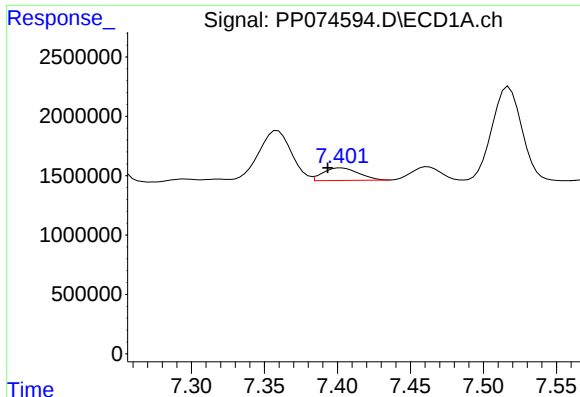
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: -0.001 min
Response: 3399528
Conc: 40.92 ng/ml



#30 AR-1254-5

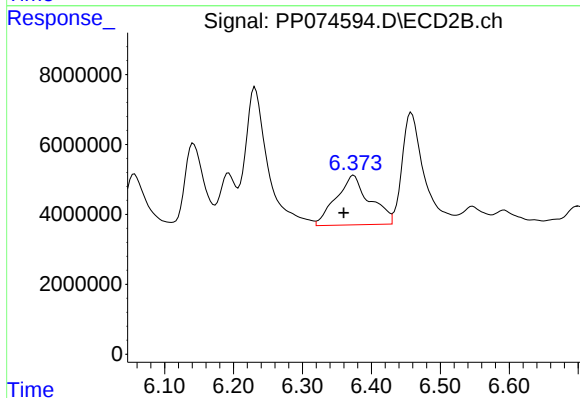
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 16038538
Conc: 32.70 ng/ml



#31 AR-1260-1

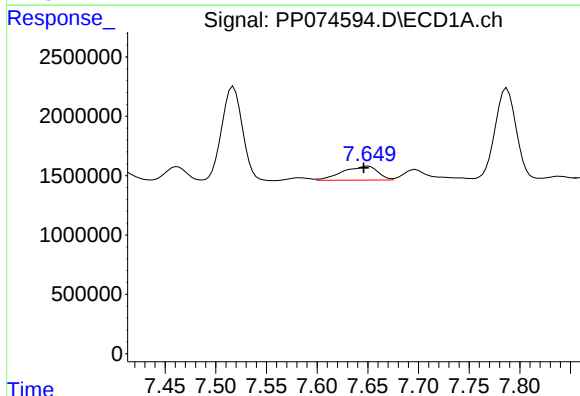
R.T.: 7.403 min
Delta R.T.: 0.009 min
Response: 1782483
Conc: 30.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



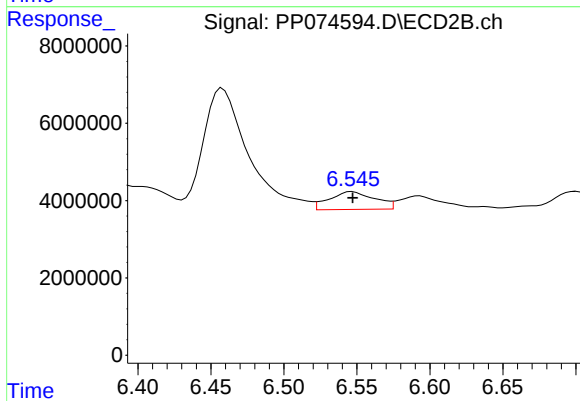
#31 AR-1260-1

R.T.: 6.374 min
Delta R.T.: 0.014 min
Response: 48115252
Conc: 128.23 ng/ml



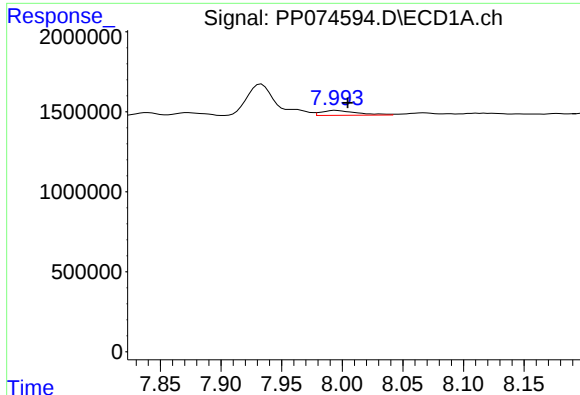
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.004 min
Response: 2856968
Conc: 41.45 ng/ml



#32 AR-1260-2

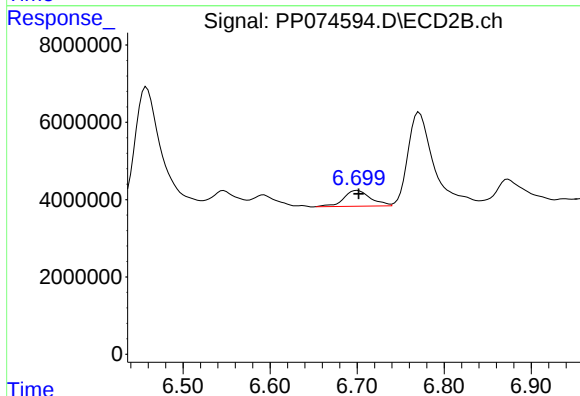
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 9987098
Conc: 18.89 ng/ml



#33 AR-1260-3

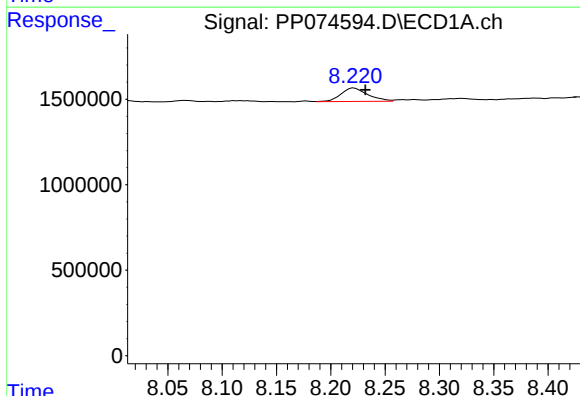
R.T.: 7.995 min
Delta R.T.: -0.009 min
Response: 641269
Conc: 12.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



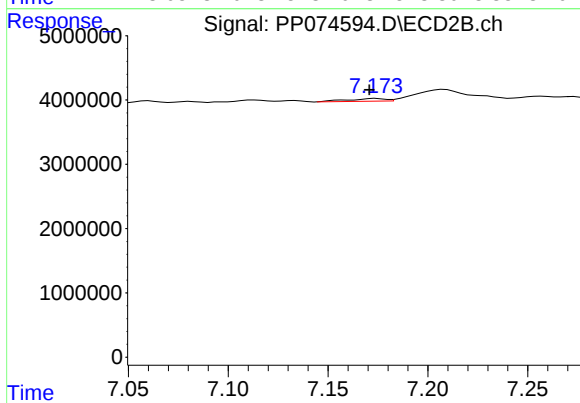
#33 AR-1260-3

R.T.: 6.700 min
Delta R.T.: -0.002 min
Response: 8822645
Conc: 20.38 ng/ml



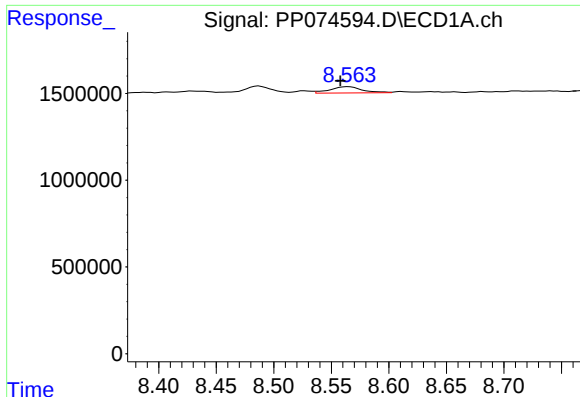
#34 AR-1260-4

R.T.: 8.221 min
Delta R.T.: -0.011 min
Response: 1335794
Conc: 20.94 ng/ml



#34 AR-1260-4

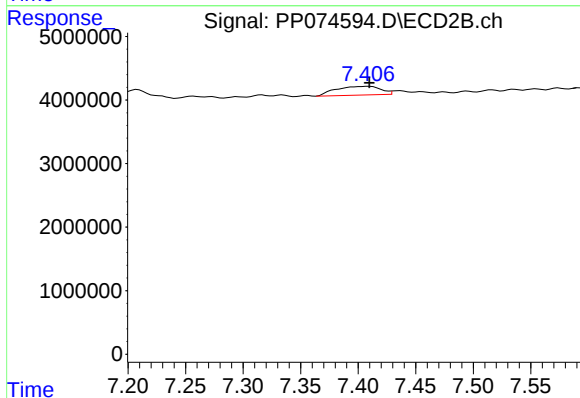
R.T.: 7.174 min
Delta R.T.: 0.003 min
Response: 561279
Conc: 1.47 ng/ml



#35 AR-1260-5

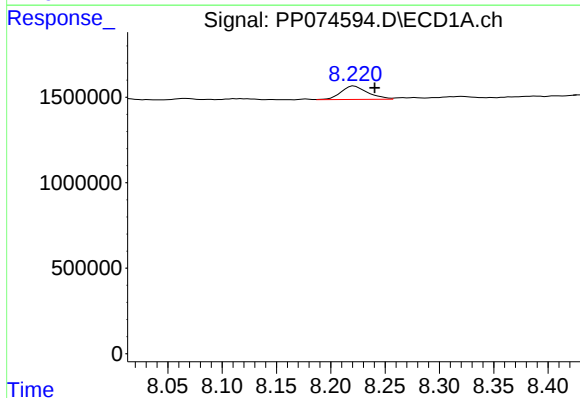
R.T.: 8.565 min
Delta R.T.: 0.007 min
Response: 709593
Conc: 6.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



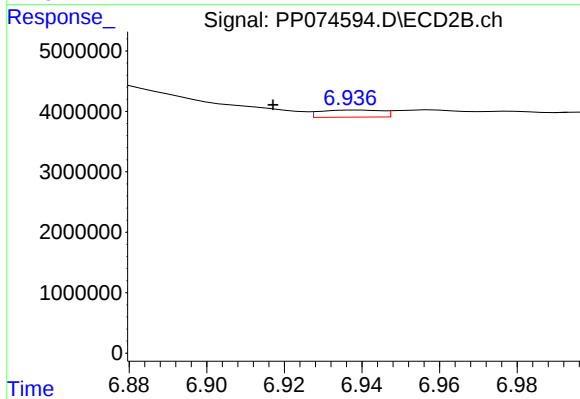
#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 3704032
Conc: 3.69 ng/ml



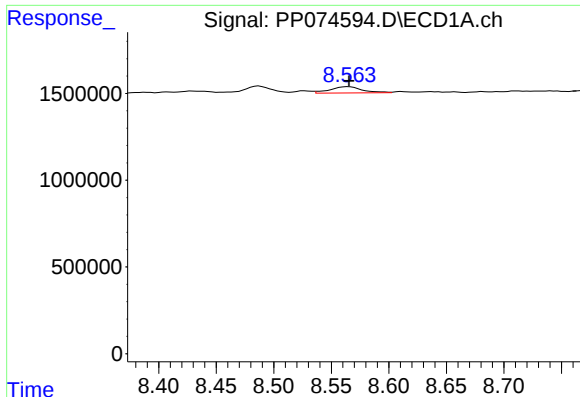
#36 AR-1262-1

R.T.: 8.221 min
Delta R.T.: -0.019 min
Response: 1335794
Conc: 17.34 ng/ml



#36 AR-1262-1

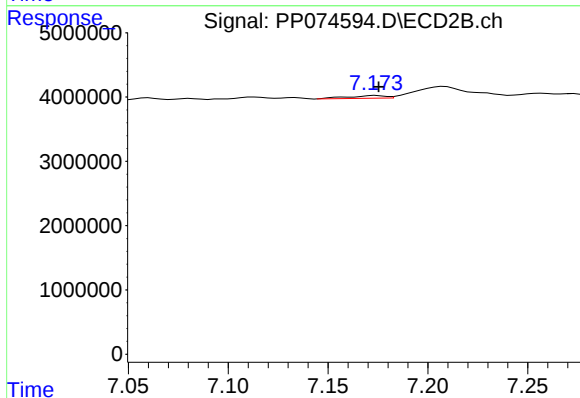
R.T.: 6.939 min
Delta R.T.: 0.021 min
Response: 1298380
Conc: 1.84 ng/ml



#37 AR-1262-2

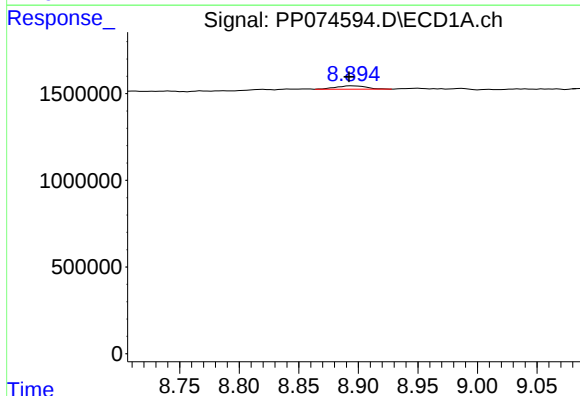
R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 709593
Conc: 5.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



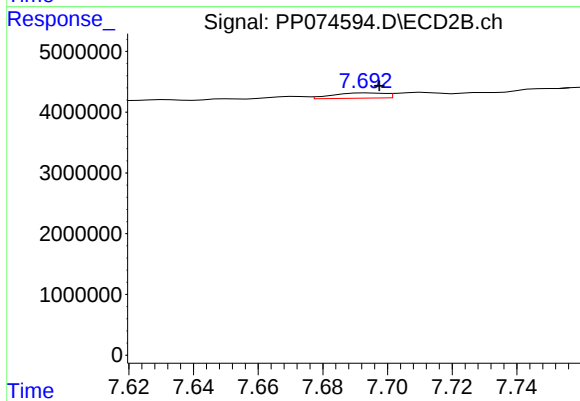
#37 AR-1262-2

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 561279
Conc: 1.08 ng/ml



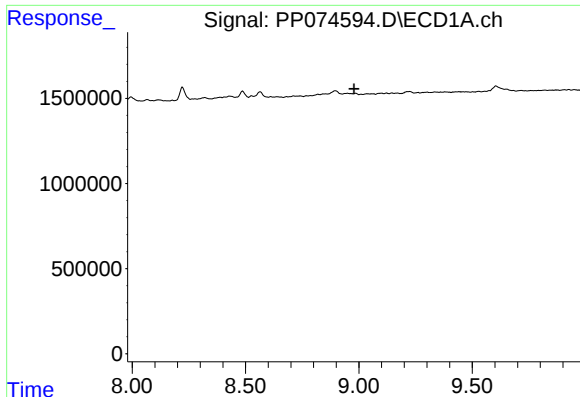
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.003 min
Response: 352085
Conc: 3.62 ng/ml



#38 AR-1262-3

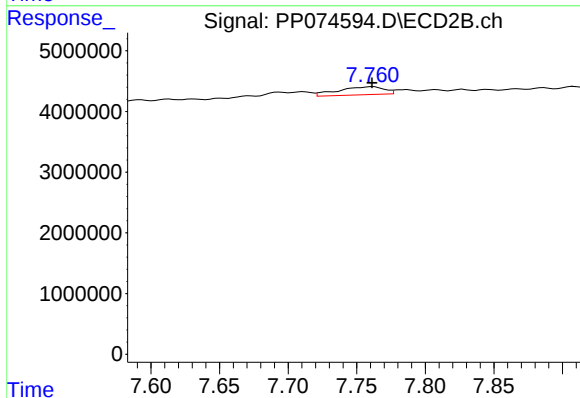
R.T.: 7.694 min
Delta R.T.: -0.004 min
Response: 959926
Conc: 2.06 ng/ml



#39 AR-1262-4

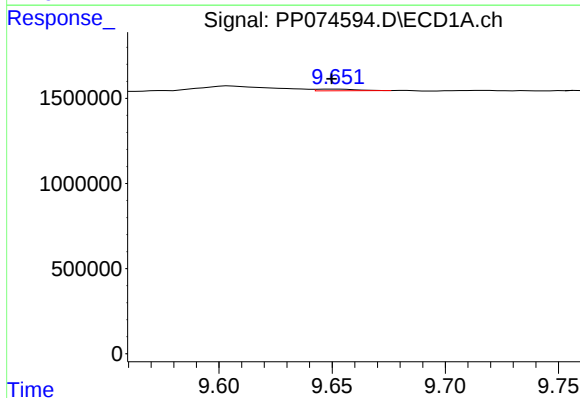
R.T.: 0.000 min
Exp R.T.: 8.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



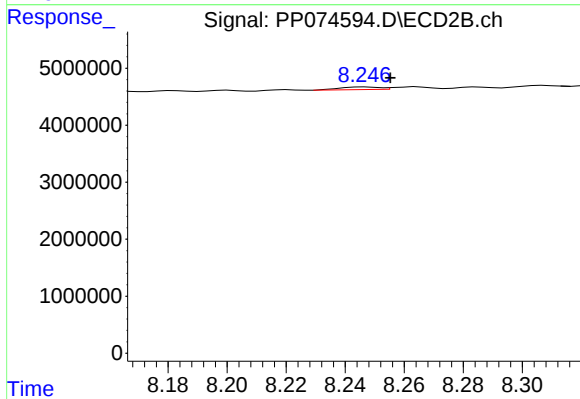
#39 AR-1262-4

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 3087145
Conc: 3.76 ng/ml



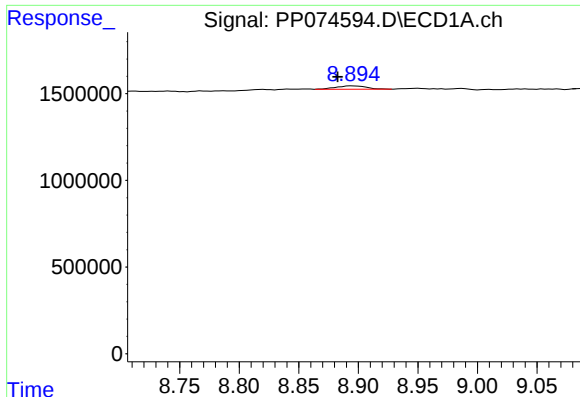
#40 AR-1262-5

R.T.: 9.653 min
Delta R.T.: 0.003 min
Response: 124163
Conc: 2.04 ng/ml



#40 AR-1262-5

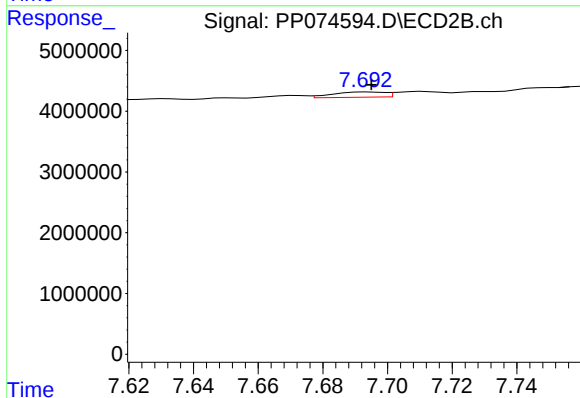
R.T.: 8.247 min
Delta R.T.: -0.008 min
Response: 441718
Conc: 1.23 ng/ml



#41 AR-1268-1

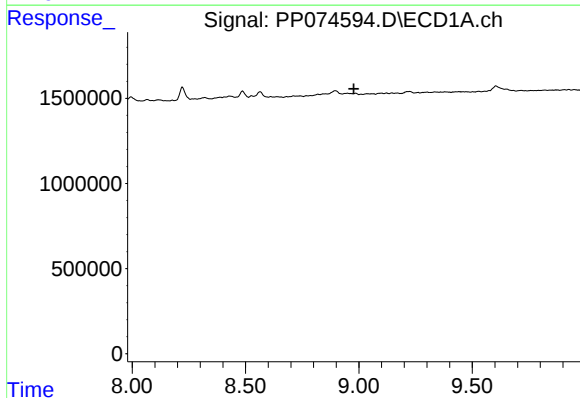
R.T.: 8.895 min
Delta R.T.: 0.012 min
Response: 352085
Conc: 2.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



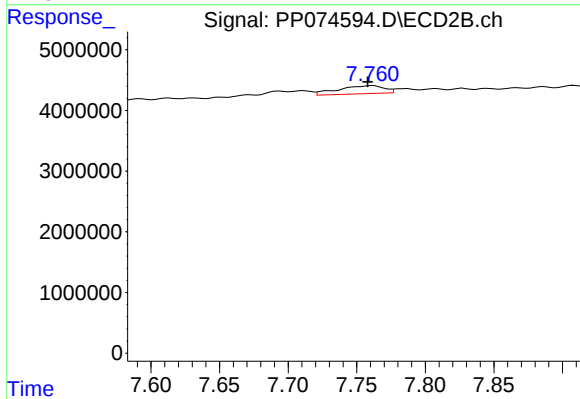
#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: -0.001 min
Response: 959926
Conc: 0.68 ng/ml



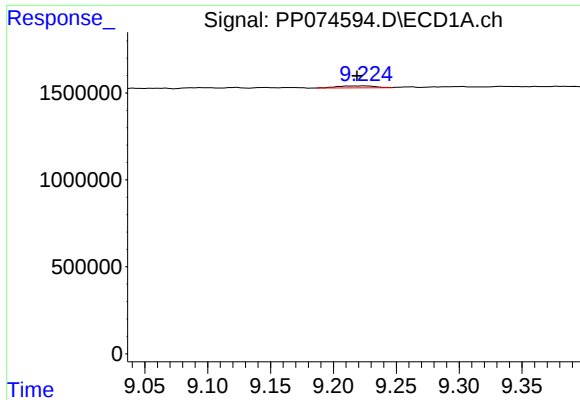
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

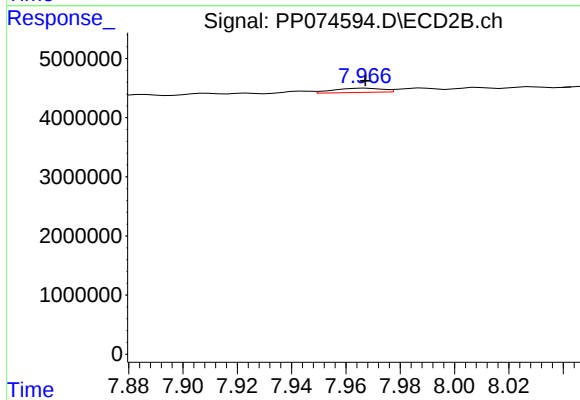
R.T.: 7.762 min
Delta R.T.: 0.004 min
Response: 3087145
Conc: 2.26 ng/ml



#43 AR-1268-3

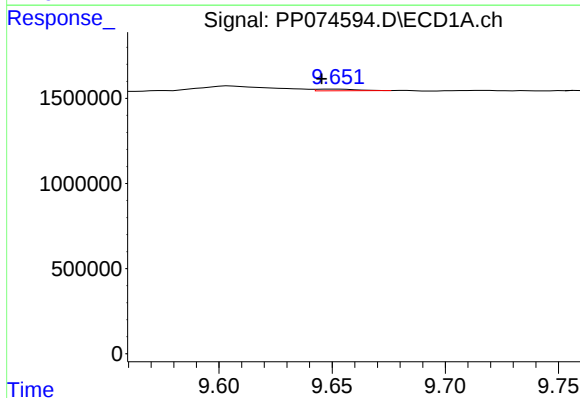
R.T.: 9.225 min
Delta R.T.: 0.007 min
Response: 245746
Conc: 1.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



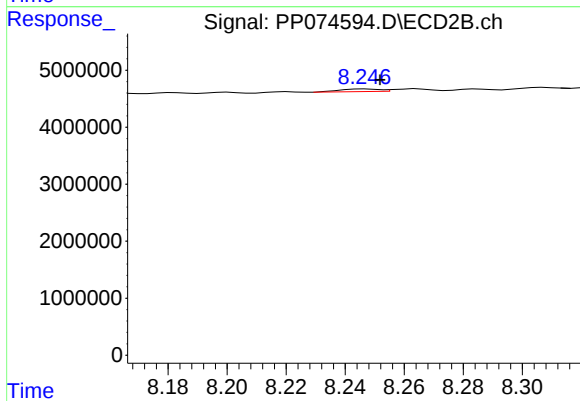
#43 AR-1268-3

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 909771
Conc: 0.87 ng/ml



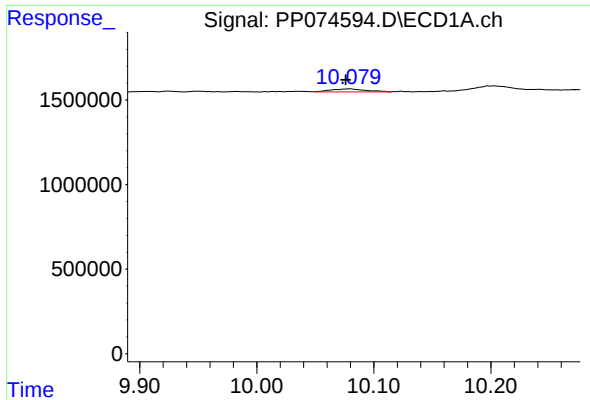
#44 AR-1268-4

R.T.: 9.653 min
Delta R.T.: 0.007 min
Response: 124163
Conc: 1.85 ng/ml



#44 AR-1268-4

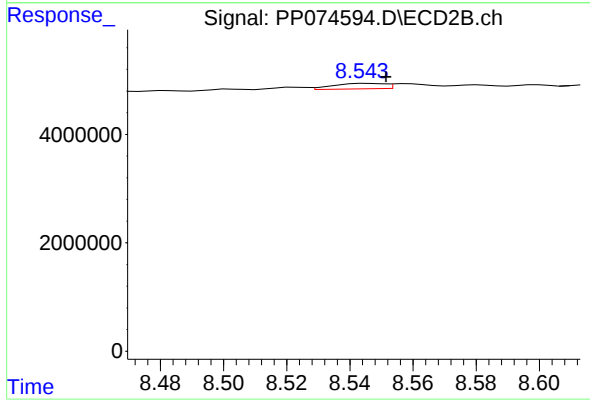
R.T.: 8.247 min
Delta R.T.: -0.005 min
Response: 441718
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 10.080 min
Delta R.T.: 0.004 min
Response: 360584
Conc: 0.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.546 min
Delta R.T.: -0.006 min
Response: 1147672
Conc: 0.37 ng/ml