

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100623\
 Data File : PP060682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 11:03
 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: Oct 06 12:27:57 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	3.684	115.1E6	77092837	51.404	51.792
2)	SA Decachlor...	10.461	8.748	85313438	72061189	48.322	44.177
Target Compounds							
3)	L1 AR-1016-1	5.720	4.782	32553723	24670467	442.278	424.550
4)	L1 AR-1016-2	5.743	4.801	46011349	33680378	439.320	418.361
5)	L1 AR-1016-3	5.807	4.979	28818221	19073155	440.940	426.763
6)	L1 AR-1016-4	5.906	5.021	23975791	14507748	440.898	403.175
7)	L1 AR-1016-5	6.205	5.236	24639570	20528294	442.977	422.480
8)	L2 AR-1221-1	4.740	3.899	4585514	3299406	158.740	157.941
9)	L2 AR-1221-2	4.831	3.987	6220212	4261042	291.140	285.767
10)	L2 AR-1221-3	4.909	4.064	19971441	14018249	328.862	319.121
11)	L3 AR-1232-1	4.909f	4.064	19971441	14018249	396.746	385.228
12)	L3 AR-1232-2	5.448f	4.801	26089042	33680378	952.753	923.551
13)	L3 AR-1232-3	5.743f	4.979	46011349	19073155	991.256	952.931
14)	L3 AR-1232-4	5.906f	5.063	23975791	18814366	975.434	1008.044
15)	L3 AR-1232-5	5.998f	5.236	21127055	20528294	1019.564	986.967
16)	L4 AR-1242-1	5.720	4.782	32553723	24670467	509.391	487.297
17)	L4 AR-1242-2	5.743	4.801	46011349	33680378	508.152	484.998
18)	L4 AR-1242-3	5.807	4.979	28818221	19073155	511.863	495.269
19)	L4 AR-1242-4	5.906	5.063	23975791	18814366	513.335	477.729
20)	L4 AR-1242-5	6.653	5.590	25493575	23137768	506.871	472.999
21)	L5 AR-1248-1	5.720	4.782	32553723	24670467	699.712	676.021
22)	L5 AR-1248-2	5.998	5.021	21127055	14507748	304.709	277.544
23)	L5 AR-1248-3	6.205	5.063	24639570	18814366	324.420	338.849
24)	L5 AR-1248-4	6.614	5.236	24370157	20528294	294.661	311.852
25)	L5 AR-1248-5	6.653	5.632	25493575	19538375	316.757	303.758
26)	L6 AR-1254-1	6.585	5.590	18682490	23137768	218.918	233.907
27)	L6 AR-1254-2	6.812	5.740	21536472	5948810	168.746	69.218 #
28)	L6 AR-1254-3	7.178	6.147	9522094	7845013	71.640	54.735
29)	L6 AR-1254-4	7.466	6.376	6816428	5848999	69.316	67.104
30)	L6 AR-1254-5	7.889	6.797	2671854	2079112	24.661	16.407 #
31)	L7 AR-1260-1	7.346	6.293	1379640	2848469	13.161	28.378 #
32)	L7 AR-1260-2	7.604	6.466	2252349	989720	18.629	8.296 #
33)	L7 AR-1260-3	7.953	6.619	477003	1306159	5.146	11.408 #
34)	L7 AR-1260-4	8.184	7.105	1673574	30911	15.781	0.325 #
35)	L7 AR-1260-5	0.000	7.316f	0	923446	N.D.	4.261 #
36)	L8 AR-1262-1	7.953	6.912f	477003	181969	3.824	3.398
37)	L8 AR-1262-2	0.000	7.093	0	74668	N.D.	0.633 #
38)	L8 AR-1262-3	0.000	7.632	0	169776	N.D.	1.841 #
39)	L8 AR-1262-4	0.000	7.690	0	201105	N.D.	1.194 #
40)	L8 AR-1262-5	0.000	8.214f	0	58243	N.D.	0.752 #
41)	L9 AR-1268-1	0.000	7.632	0	169776	N.D.	0.625 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 11:03
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

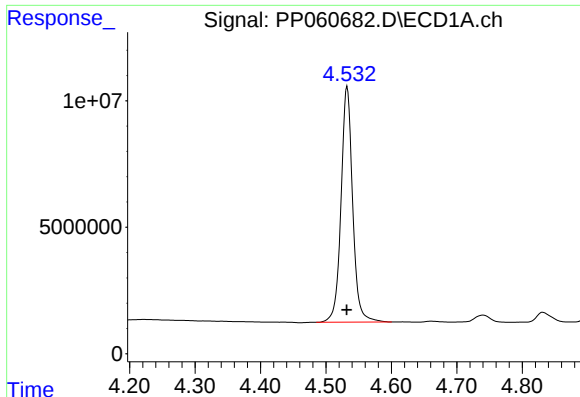
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 12:27:57 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
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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	7.690	0	201105	N.D.	0.825 #
43) L9	AR-1268-3	0.000	7.897	0	310467	N.D.	1.452 #
44) L9	AR-1268-4	0.000	8.214f	0	58243	N.D.	0.664 #
45) L9	AR-1268-5	10.097	8.486	578113	473845	0.913	0.758

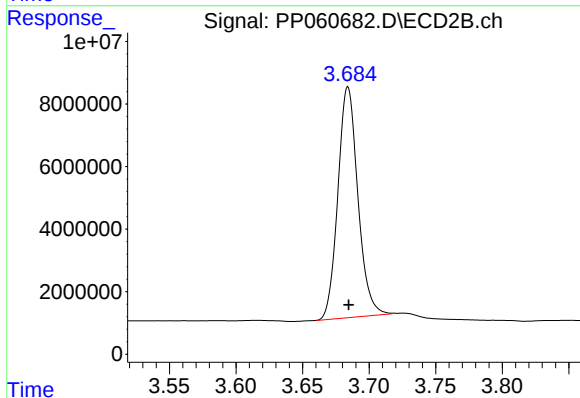
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

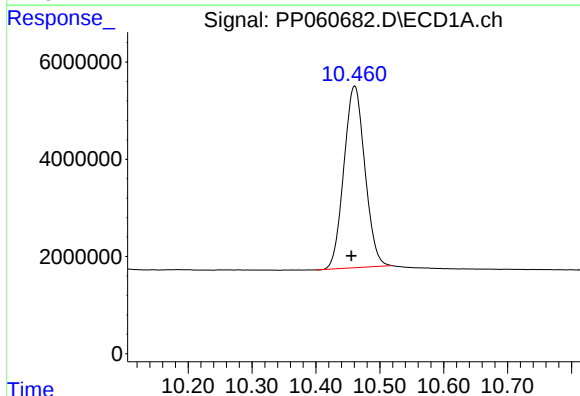
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 115119053
Conc: 51.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



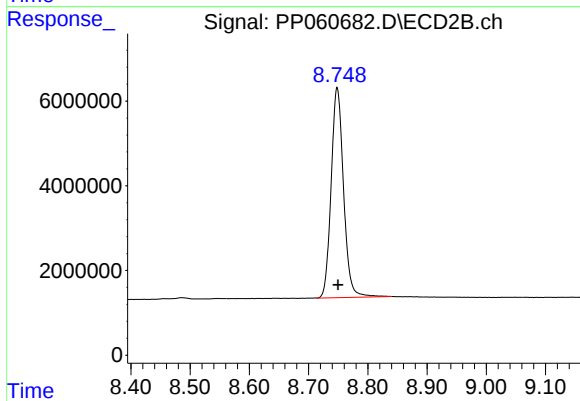
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 77092837
Conc: 51.79 ng/ml



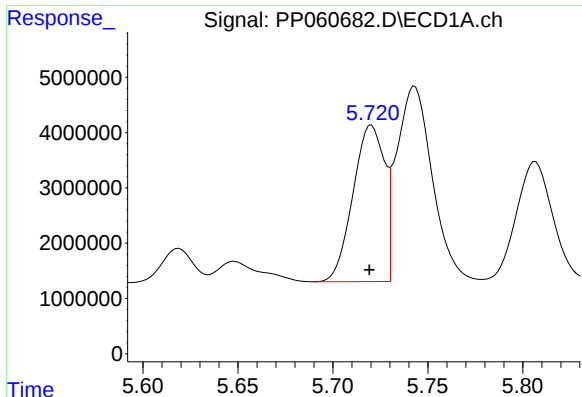
#2 Decachlorobiphenyl

R.T.: 10.461 min
Delta R.T.: 0.005 min
Response: 85313438
Conc: 48.32 ng/ml



#2 Decachlorobiphenyl

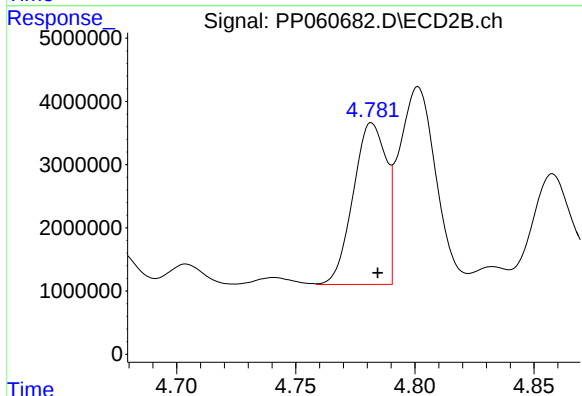
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 72061189
Conc: 44.18 ng/ml



#3 AR-1016-1

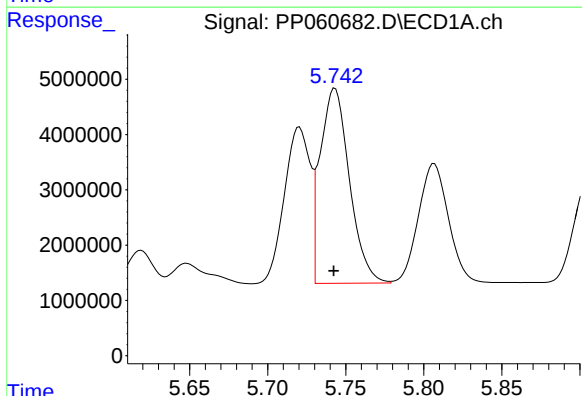
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 32553723
Conc: 442.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



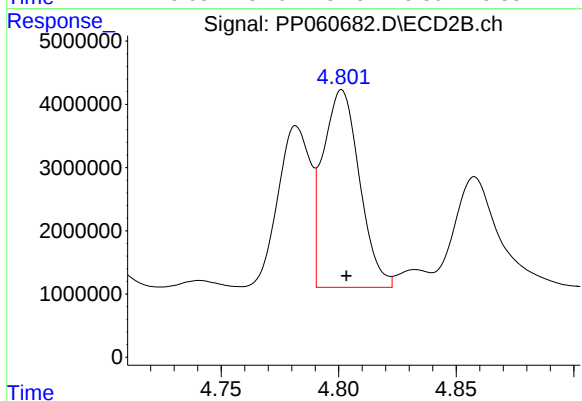
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 24670467
Conc: 424.55 ng/ml



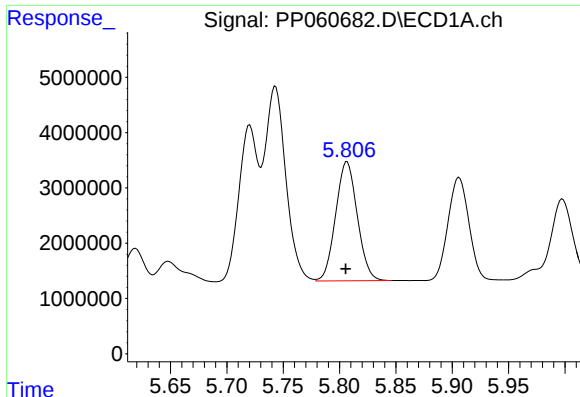
#4 AR-1016-2

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 46011349
Conc: 439.32 ng/ml



#4 AR-1016-2

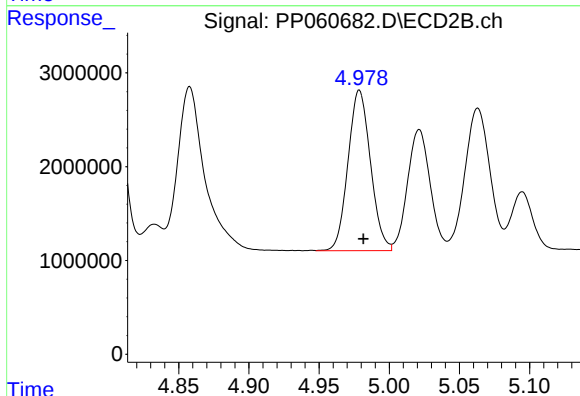
R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 33680378
Conc: 418.36 ng/ml



#5 AR-1016-3

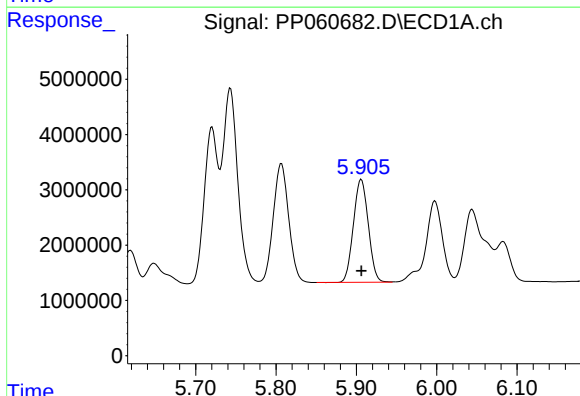
R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 28818221
Conc: 440.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



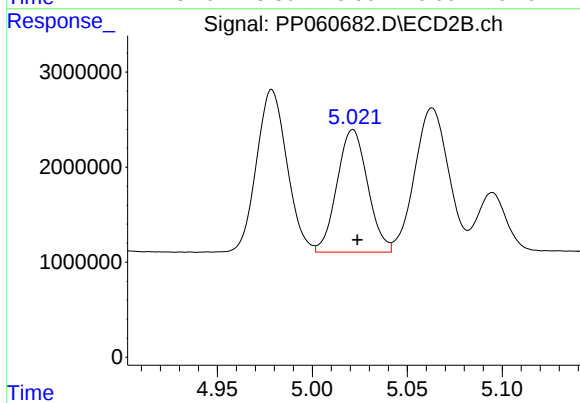
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 19073155
Conc: 426.76 ng/ml



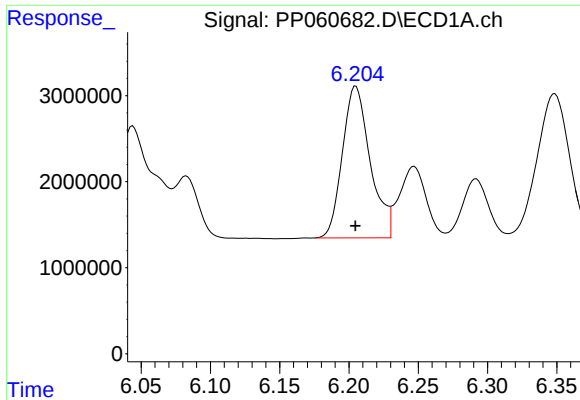
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 23975791
Conc: 440.90 ng/ml



#6 AR-1016-4

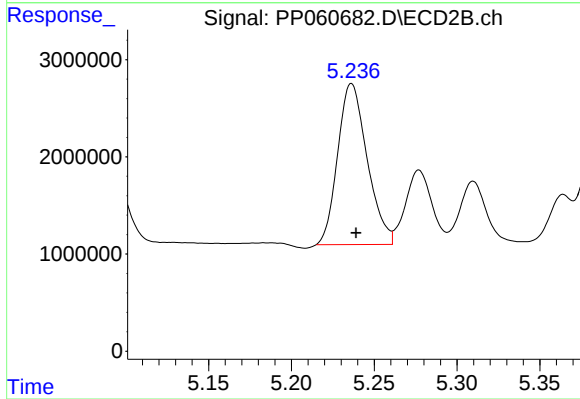
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 14507748
Conc: 403.18 ng/ml



#7 AR-1016-5

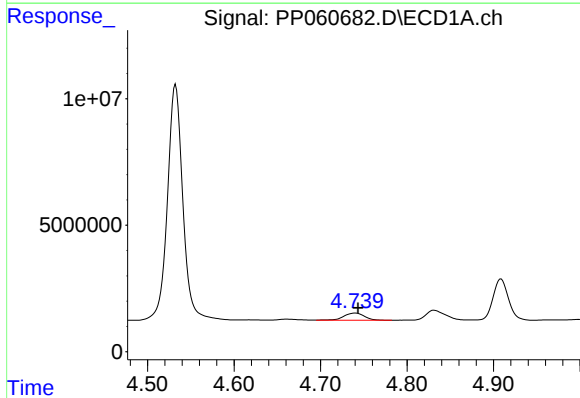
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 24639570
Conc: 442.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



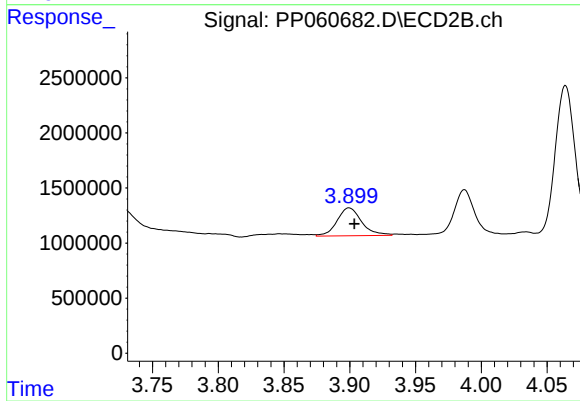
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 20528294
Conc: 422.48 ng/ml



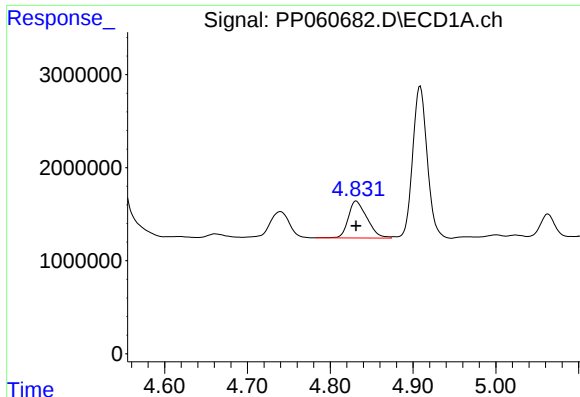
#8 AR-1221-1

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 4585514
Conc: 158.74 ng/ml



#8 AR-1221-1

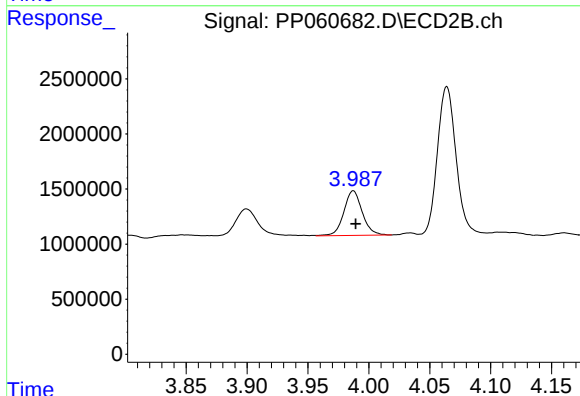
R.T.: 3.899 min
Delta R.T.: -0.004 min
Response: 3299406
Conc: 157.94 ng/ml



#9 AR-1221-2

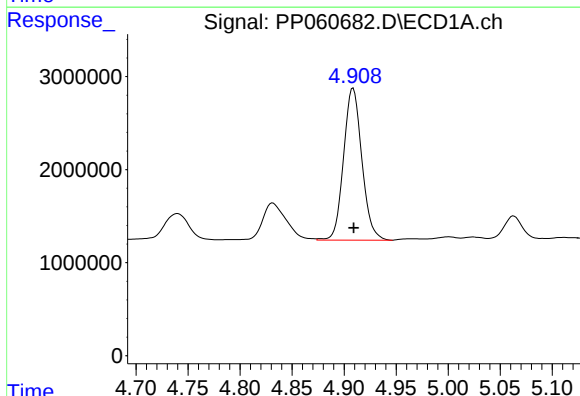
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 6220212
Conc: 291.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



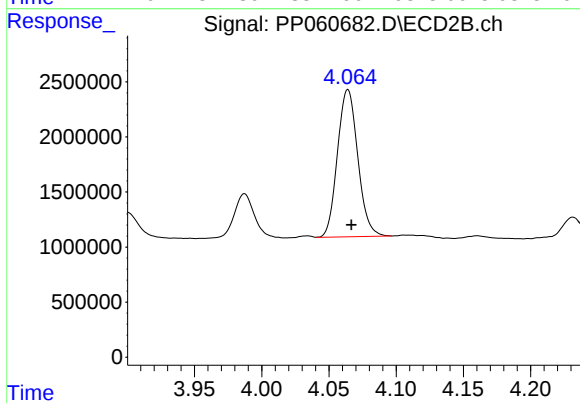
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 4261042
Conc: 285.77 ng/ml



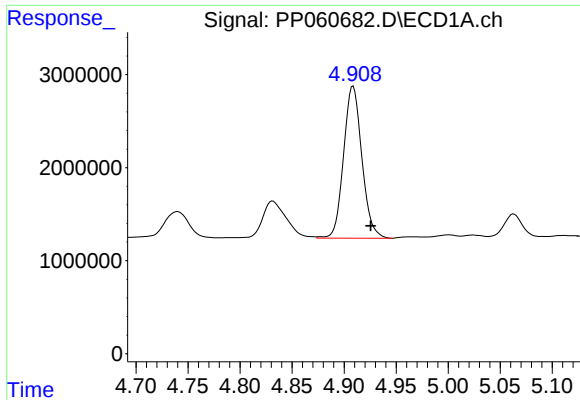
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 19971441
Conc: 328.86 ng/ml



#10 AR-1221-3

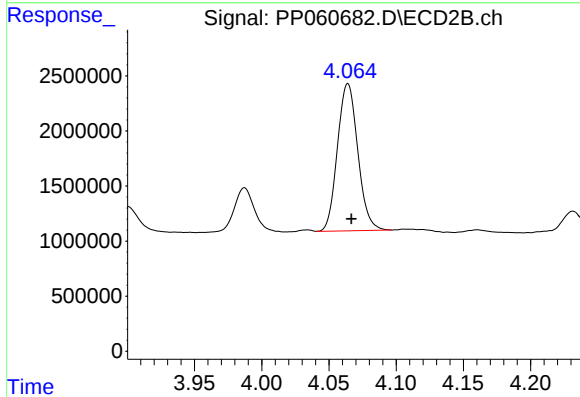
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 14018249
Conc: 319.12 ng/ml



#11 AR-1232-1

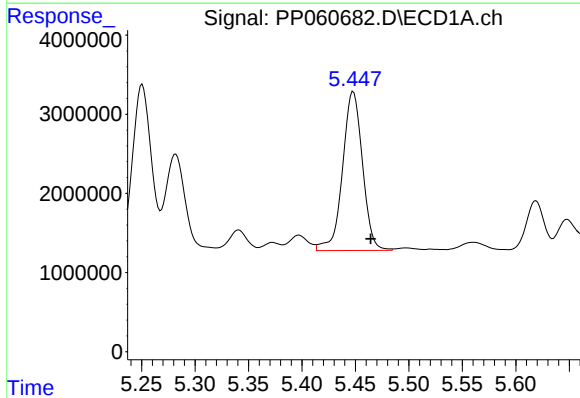
R.T.: 4.909 min
Delta R.T.: -0.017 min
Response: 19971441
Conc: 396.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



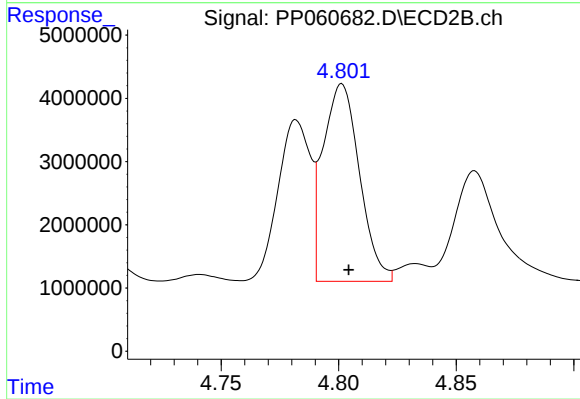
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 14018249
Conc: 385.23 ng/ml



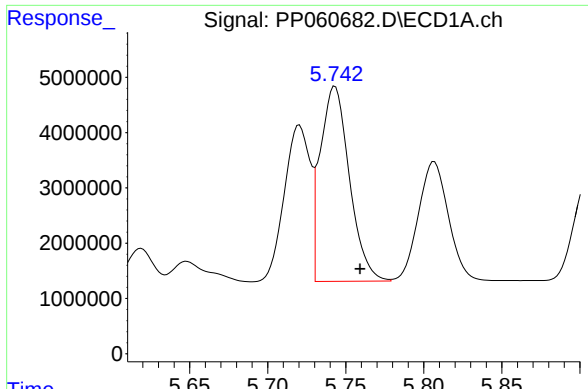
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 26089042
Conc: 952.75 ng/ml



#12 AR-1232-2

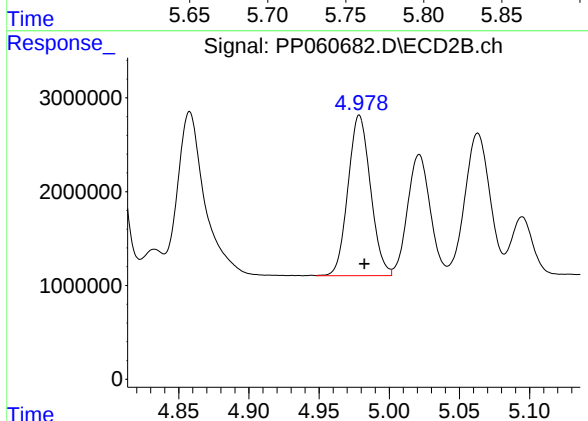
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 33680378
Conc: 923.55 ng/ml



#13 AR-1232-3

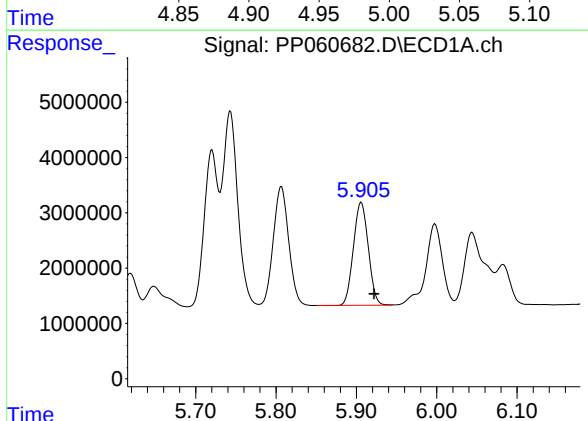
R.T.: 5.743 min
Delta R.T.: -0.016 min
Response: 46011349
Conc: 991.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



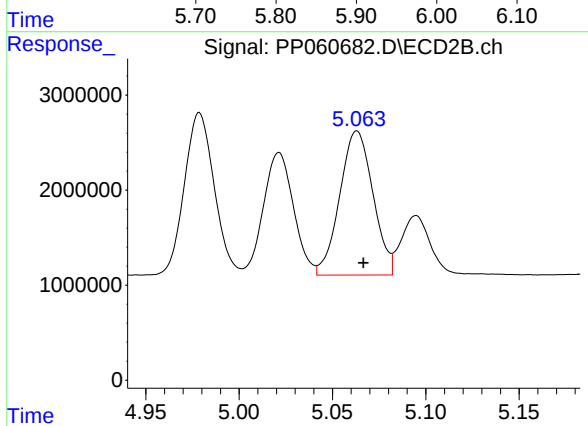
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 19073155
Conc: 952.93 ng/ml



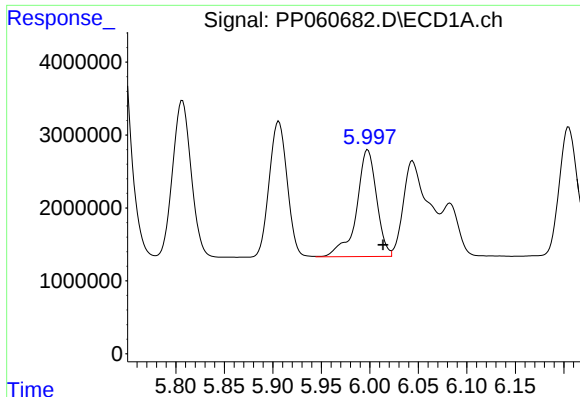
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.016 min
Response: 23975791
Conc: 975.43 ng/ml



#14 AR-1232-4

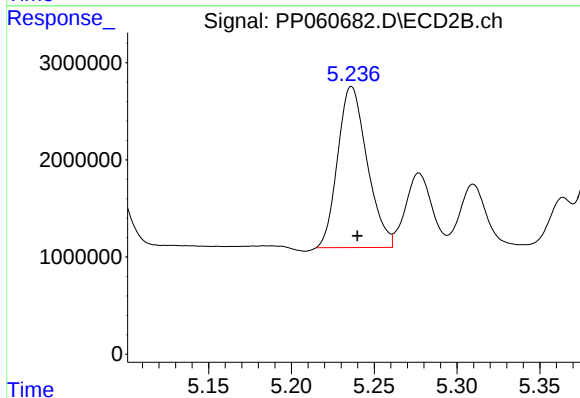
R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 18814366
Conc: 1008.04 ng/ml



#15 AR-1232-5

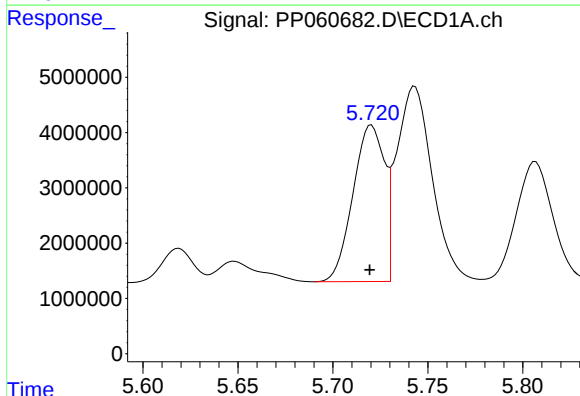
R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 21127055
Conc: 1019.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



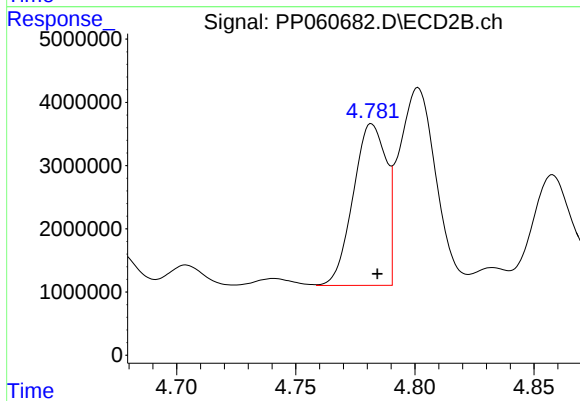
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 20528294
Conc: 986.97 ng/ml



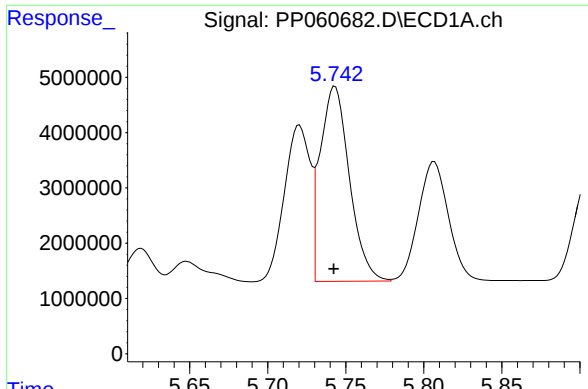
#16 AR-1242-1

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 32553723
Conc: 509.39 ng/ml



#16 AR-1242-1

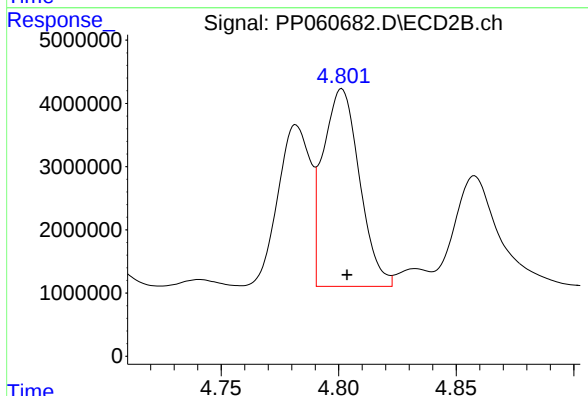
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 24670467
Conc: 487.30 ng/ml



#17 AR-1242-2

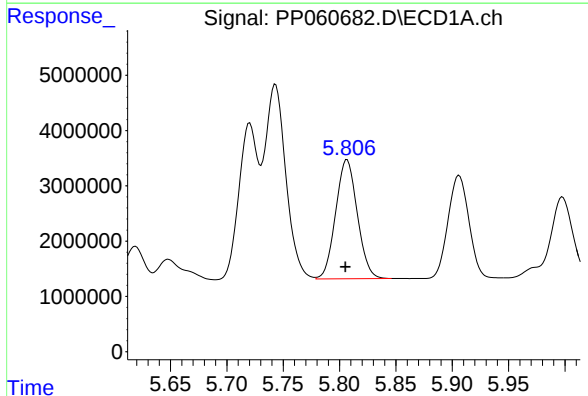
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 46011349
Conc: 508.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



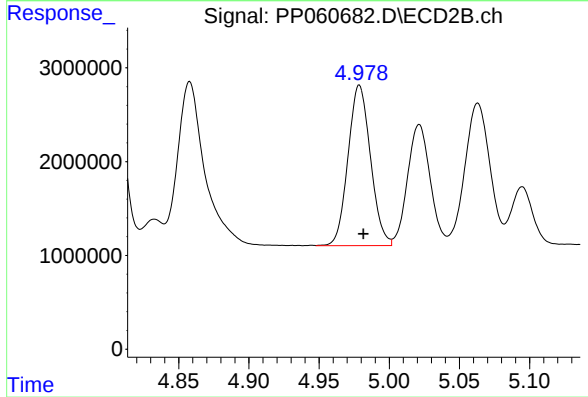
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 33680378
Conc: 485.00 ng/ml



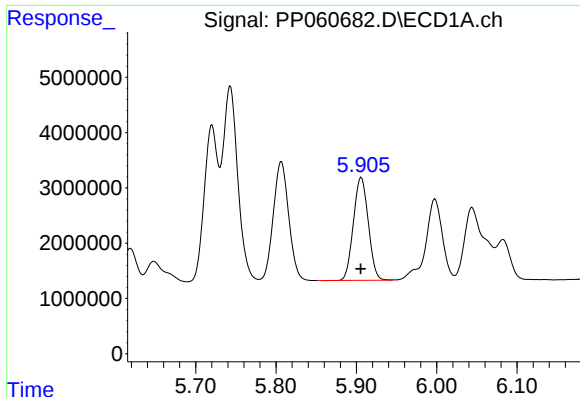
#18 AR-1242-3

R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 28818221
Conc: 511.86 ng/ml



#18 AR-1242-3

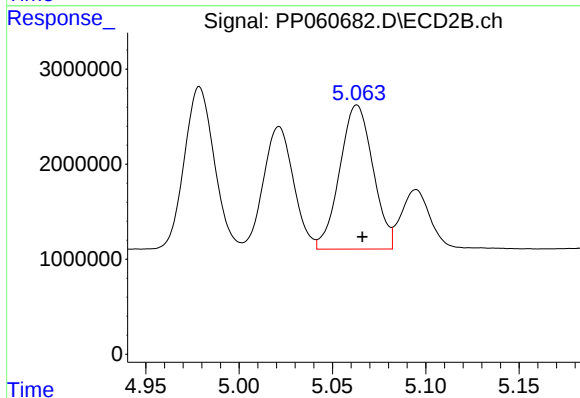
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 19073155
Conc: 495.27 ng/ml



#19 AR-1242-4

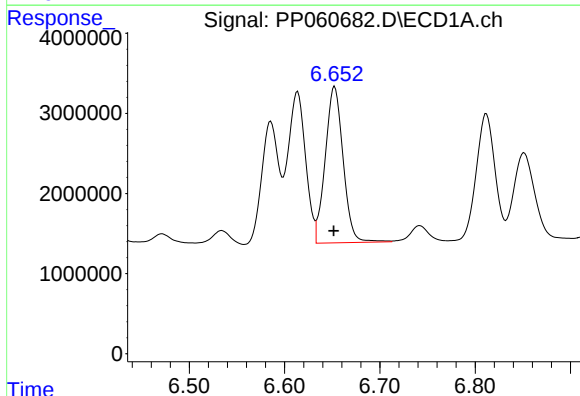
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 23975791
Conc: 513.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



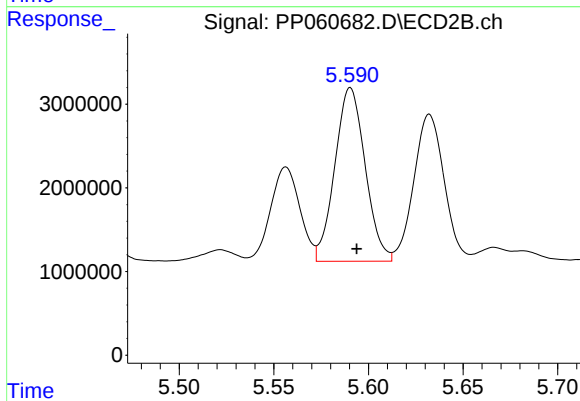
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 18814366
Conc: 477.73 ng/ml



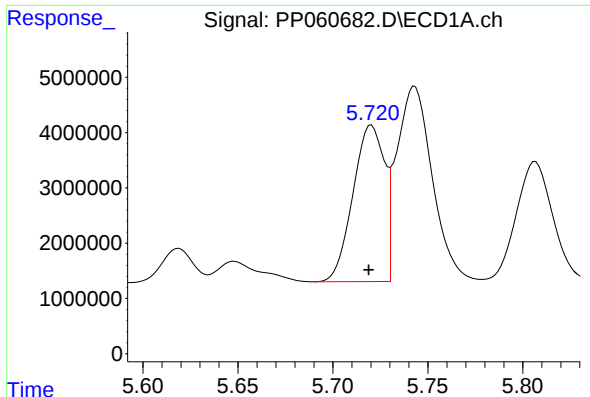
#20 AR-1242-5

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 25493575
Conc: 506.87 ng/ml



#20 AR-1242-5

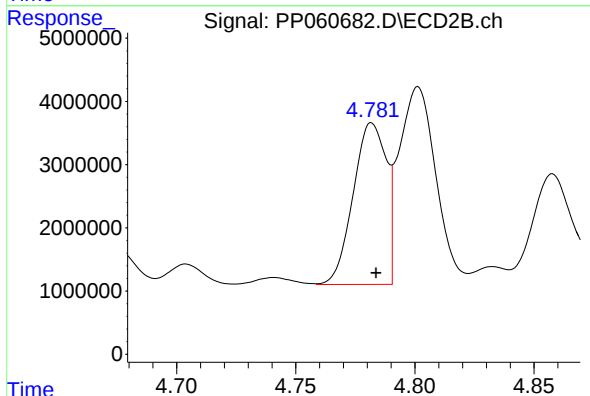
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 23137768
Conc: 473.00 ng/ml



#21 AR-1248-1

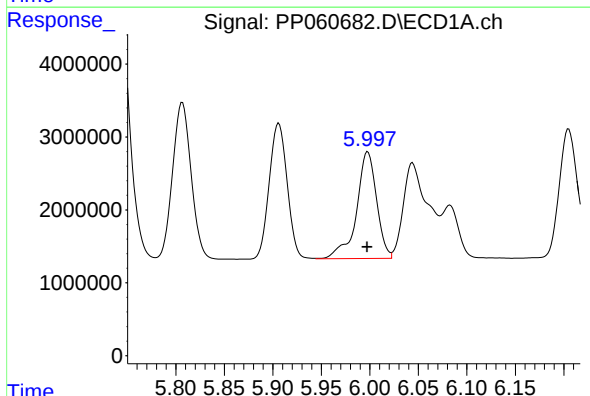
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 32553723
Conc: 699.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



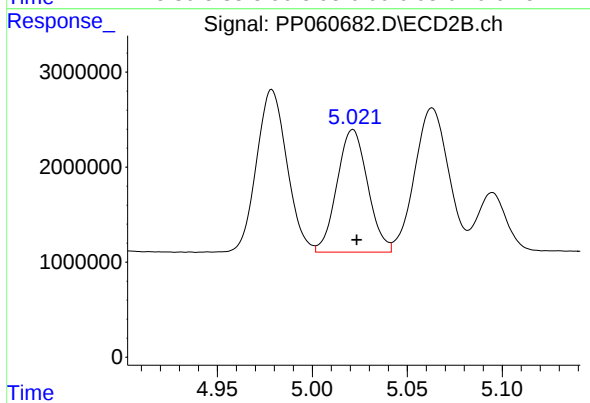
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 24670467
Conc: 676.02 ng/ml



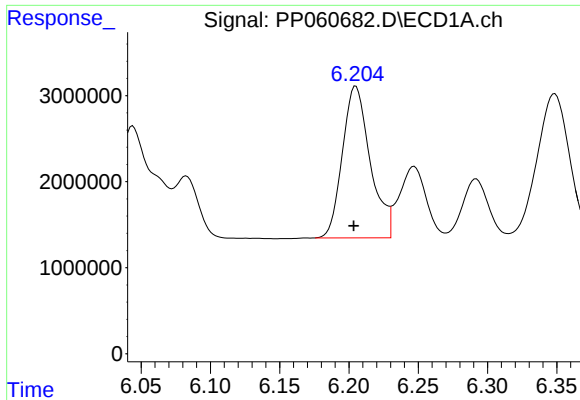
#22 AR-1248-2

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 21127055
Conc: 304.71 ng/ml



#22 AR-1248-2

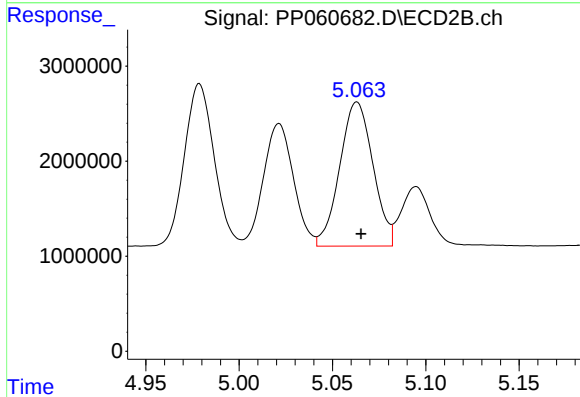
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 14507748
Conc: 277.54 ng/ml



#23 AR-1248-3

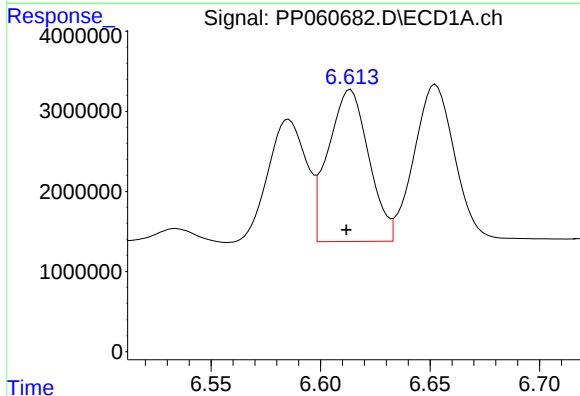
R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 24639570
Conc: 324.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



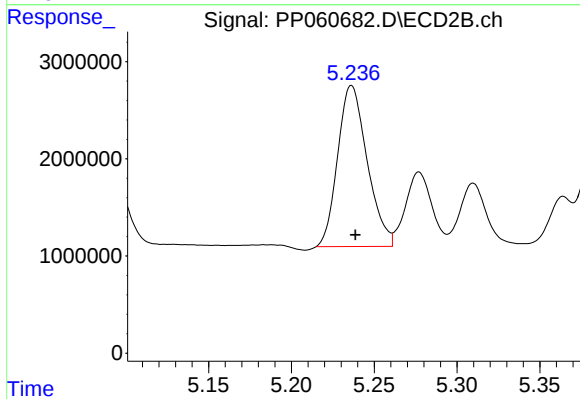
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 18814366
Conc: 338.85 ng/ml



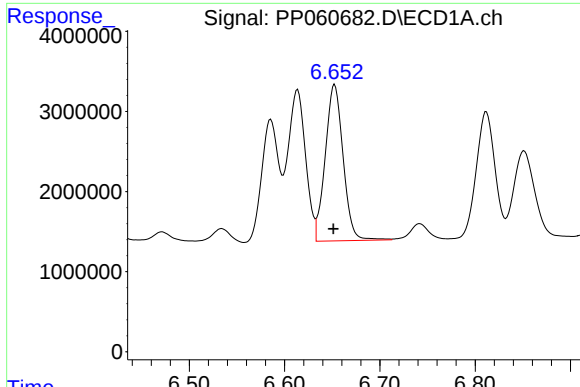
#24 AR-1248-4

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 24370157
Conc: 294.66 ng/ml



#24 AR-1248-4

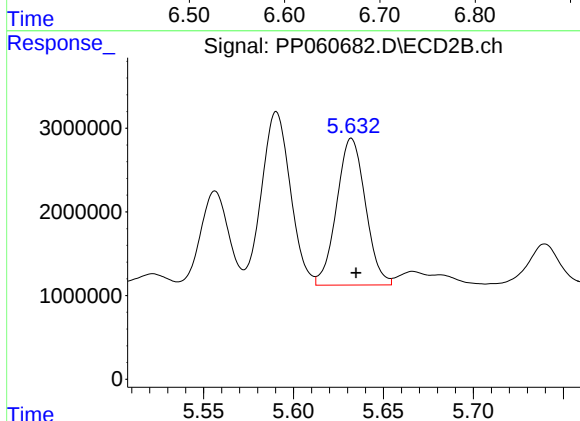
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 20528294
Conc: 311.85 ng/ml



#25 AR-1248-5

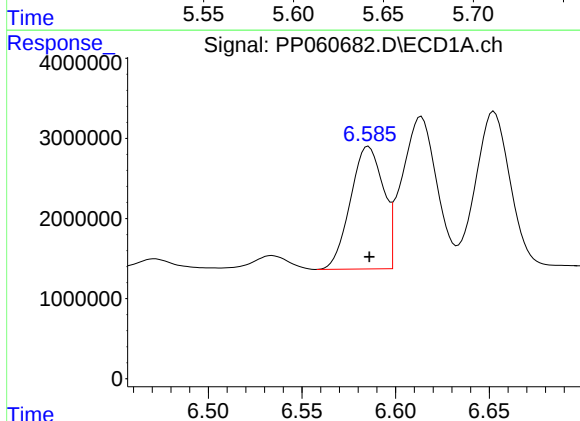
R.T.: 6.653 min
Delta R.T.: 0.001 min
Response: 25493575
Conc: 316.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



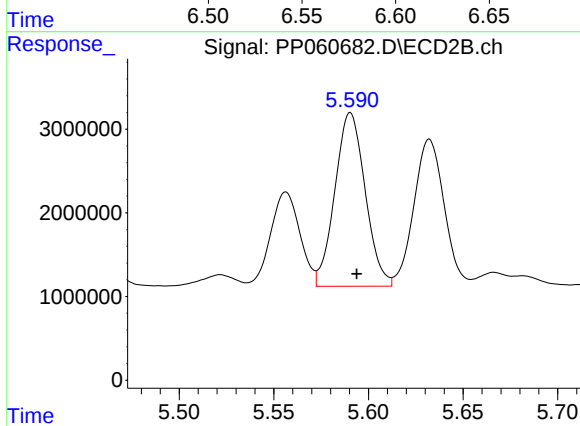
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 19538375
Conc: 303.76 ng/ml



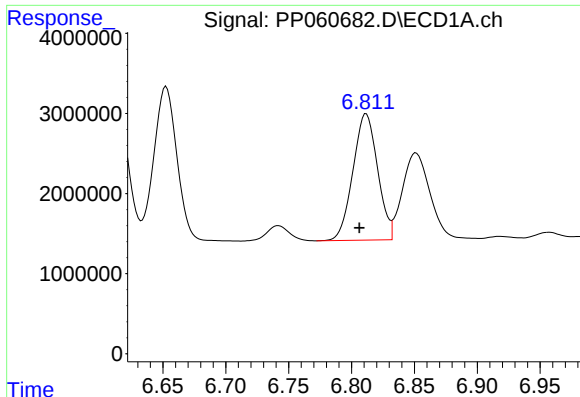
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 18682490
Conc: 218.92 ng/ml



#26 AR-1254-1

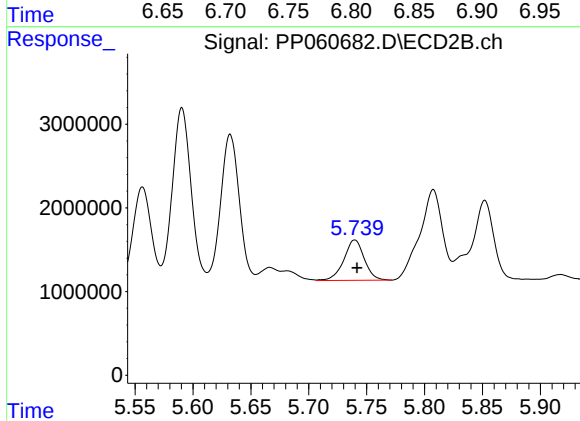
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 23137768
Conc: 233.91 ng/ml



#27 AR-1254-2

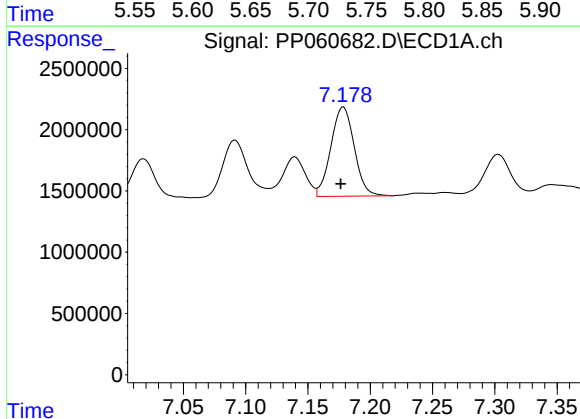
R.T.: 6.812 min
Delta R.T.: 0.005 min
Response: 21536472
Conc: 168.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



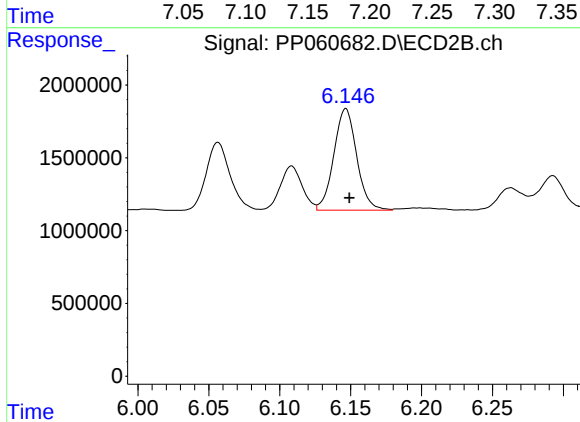
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 5948810
Conc: 69.22 ng/ml



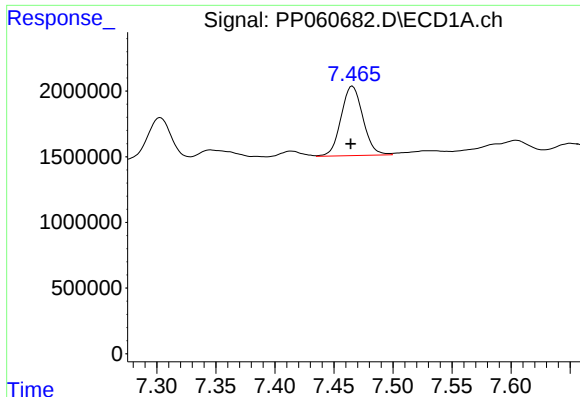
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 9522094
Conc: 71.64 ng/ml



#28 AR-1254-3

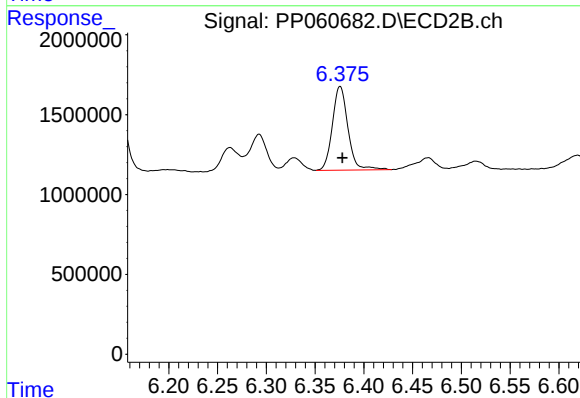
R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 7845013
Conc: 54.74 ng/ml



#29 AR-1254-4

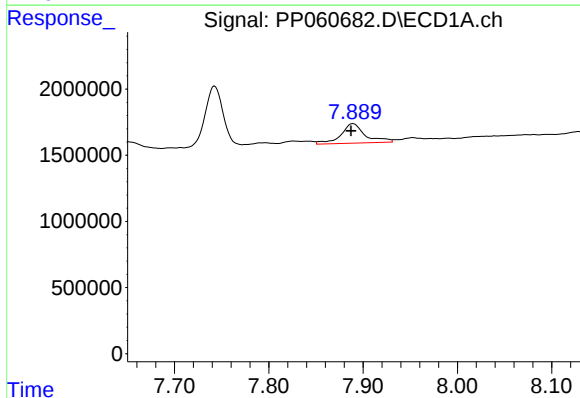
R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 6816428
Conc: 69.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



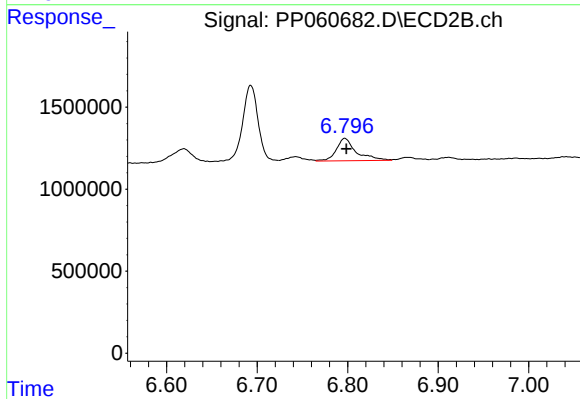
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 5848999
Conc: 67.10 ng/ml



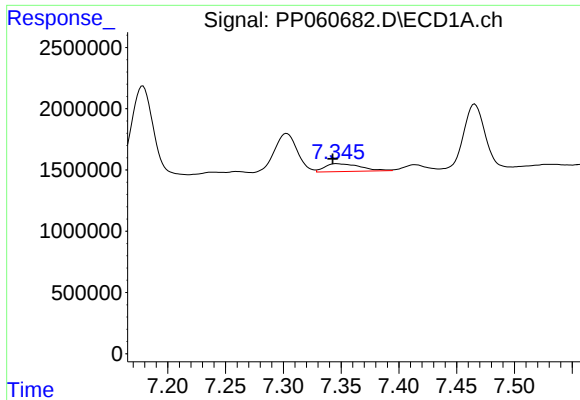
#30 AR-1254-5

R.T.: 7.889 min
Delta R.T.: 0.002 min
Response: 2671854
Conc: 24.66 ng/ml



#30 AR-1254-5

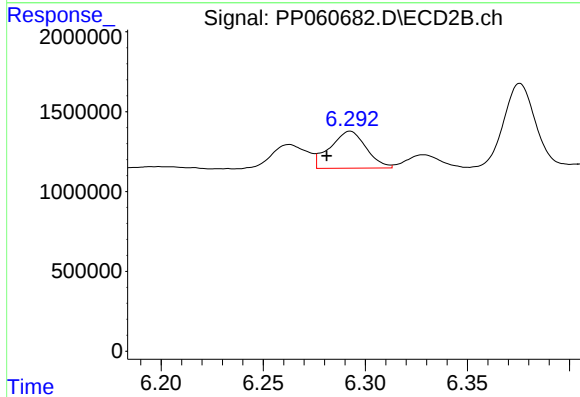
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 2079112
Conc: 16.41 ng/ml



#31 AR-1260-1

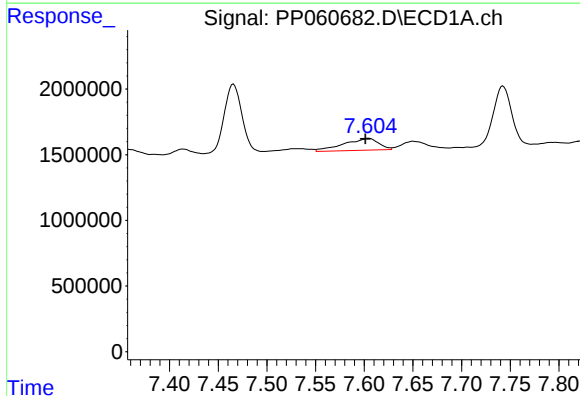
R.T.: 7.346 min
Delta R.T.: 0.003 min
Response: 1379640
Conc: 13.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



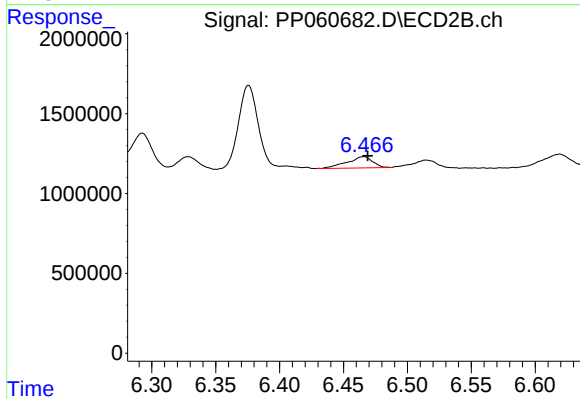
#31 AR-1260-1

R.T.: 6.293 min
Delta R.T.: 0.012 min
Response: 2848469
Conc: 28.38 ng/ml



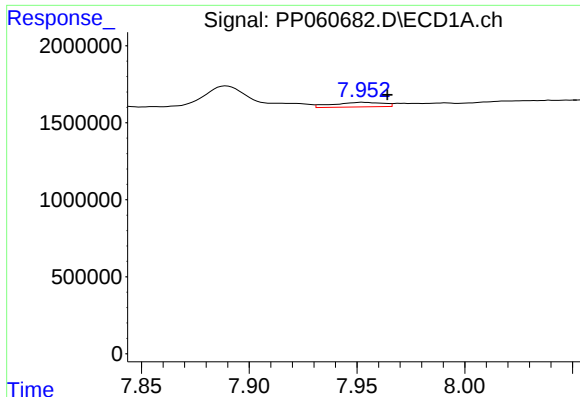
#32 AR-1260-2

R.T.: 7.604 min
Delta R.T.: 0.003 min
Response: 2252349
Conc: 18.63 ng/ml



#32 AR-1260-2

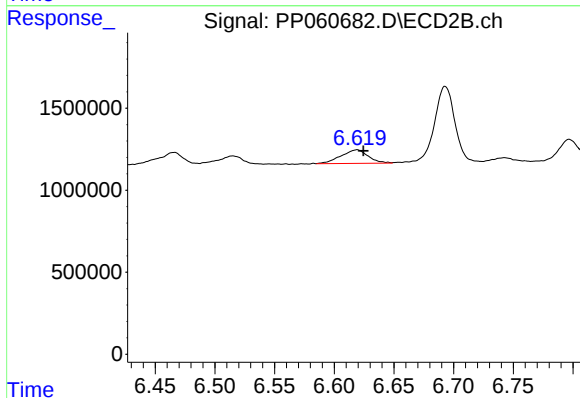
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 989720
Conc: 8.30 ng/ml



#33 AR-1260-3

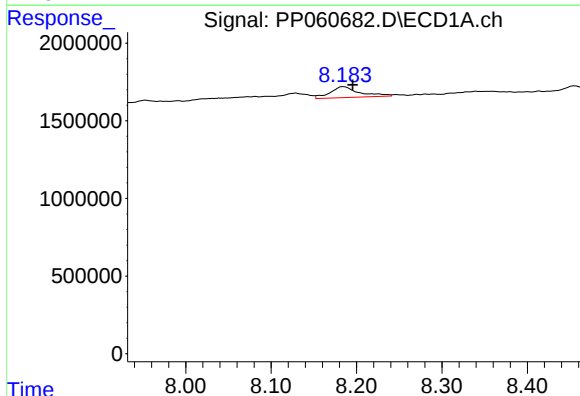
R.T.: 7.953 min
Delta R.T.: -0.011 min
Response: 477003
Conc: 5.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



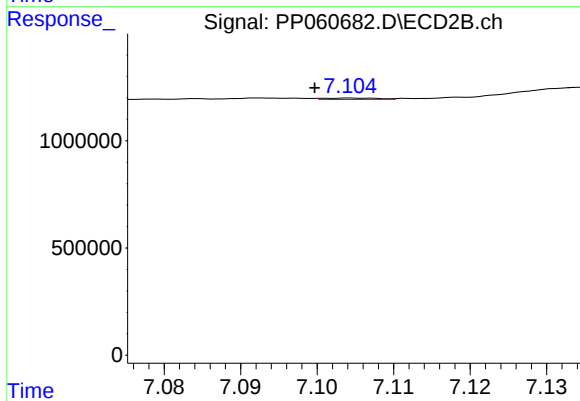
#33 AR-1260-3

R.T.: 6.619 min
Delta R.T.: -0.005 min
Response: 1306159
Conc: 11.41 ng/ml



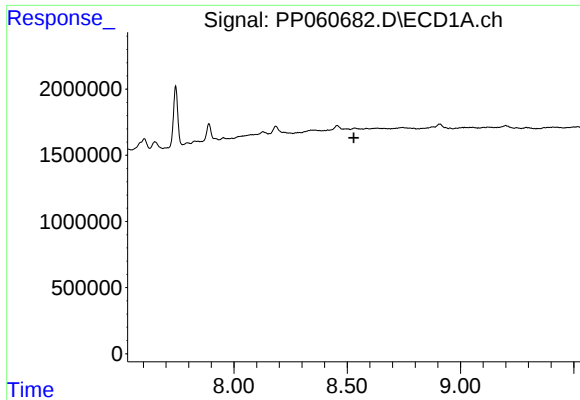
#34 AR-1260-4

R.T.: 8.184 min
Delta R.T.: -0.012 min
Response: 1673574
Conc: 15.78 ng/ml



#34 AR-1260-4

R.T.: 7.105 min
Delta R.T.: 0.005 min
Response: 30911
Conc: 0.32 ng/ml



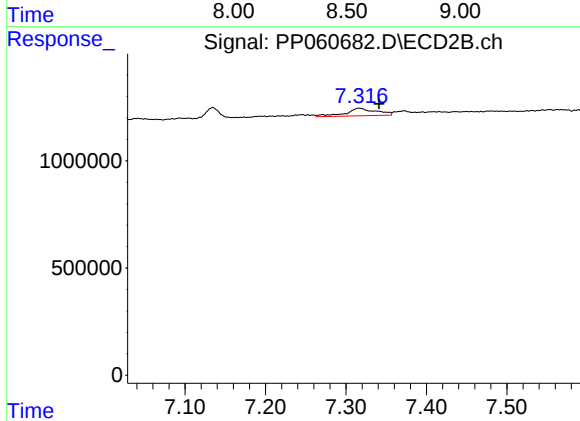
#35 AR-1260-5

```

      R.T.:      0.000 min
Exp R.T.  :      8.530 min
  Response:           0
    Conc:    N.D.

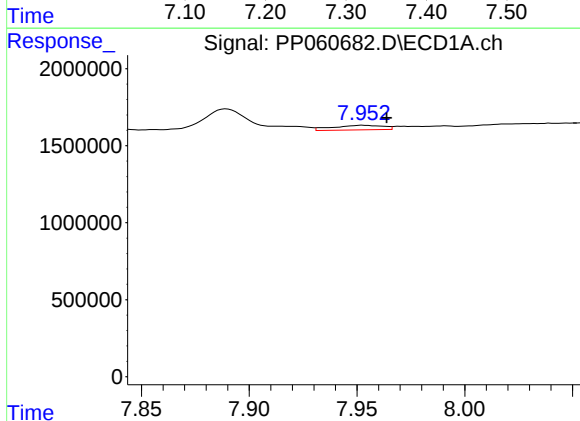
```

Instrument :
ECD_P
ClientSampleId :



#35 AR-1260-5

R.T.: 7.316 min
Delta R.T.: -0.025 min
Response: 923446
Conc: 4.26 ng/ml

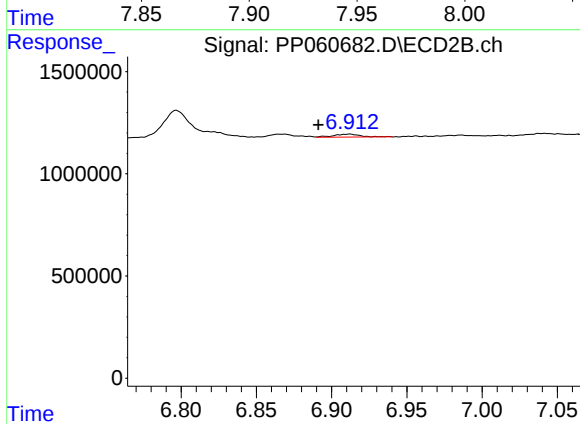


#36 AR-1262-1

```

      R.T.:    7.953 min
Delta R.T.:  -0.011 min
  Response:   477003
      Conc:    3.82 ng/ml

```

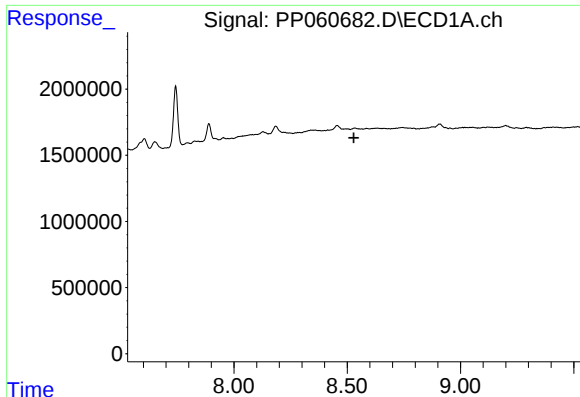


#36 AR-1262-1

```

      R.T.:      6.912 min
Delta R.T.:      0.021 min
  Response:      181969
      Conc:      3.40 ng/ml

```



#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

#37 AR-1262-2

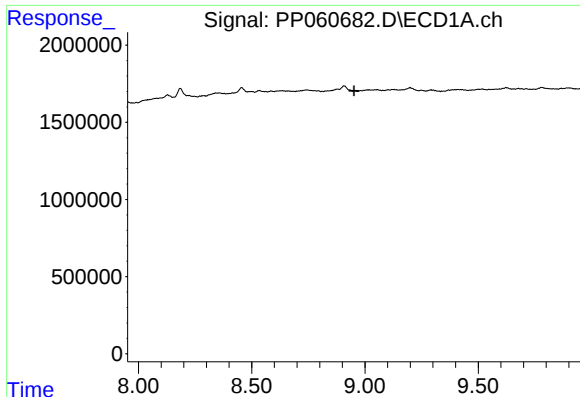
R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 74668
Conc: 0.63 ng/ml

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.

#38 AR-1262-3

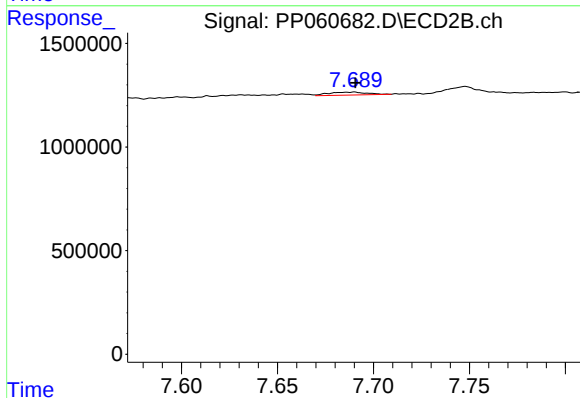
R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 169776
Conc: 1.84 ng/ml



#39 AR-1262-4

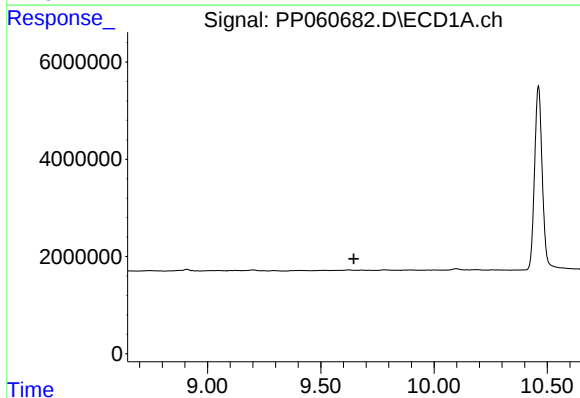
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



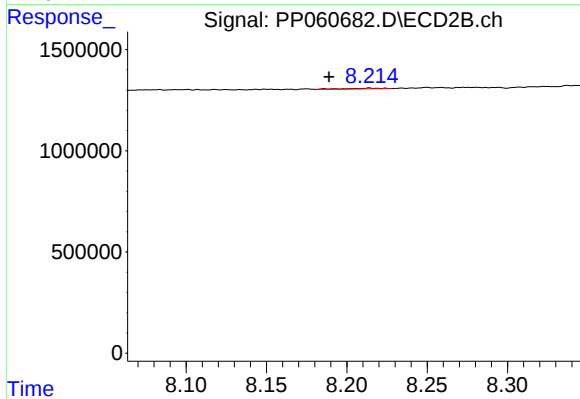
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 201105
Conc: 1.19 ng/ml



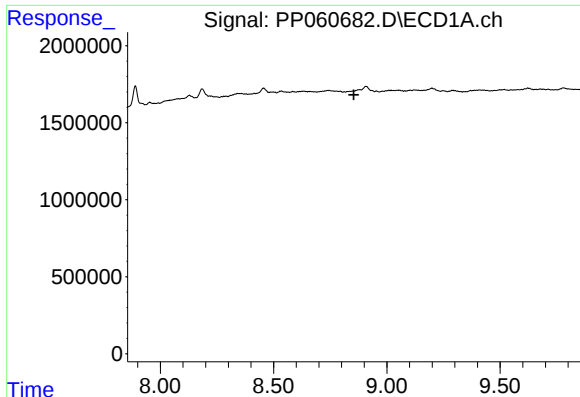
#40 AR-1262-5

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



#40 AR-1262-5

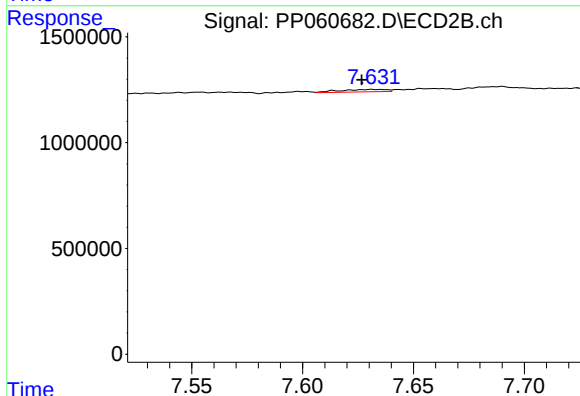
R.T.: 8.214 min
Delta R.T.: 0.025 min
Response: 58243
Conc: 0.75 ng/ml



#41 AR-1268-1

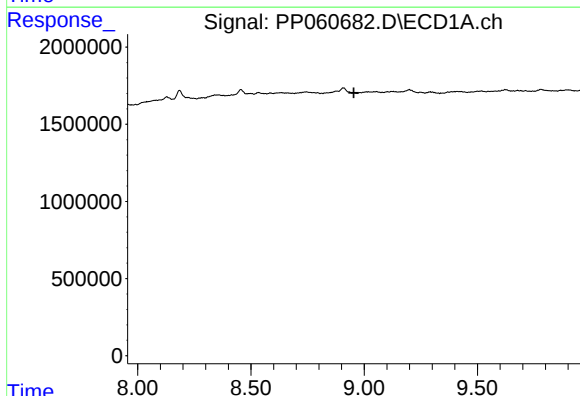
R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



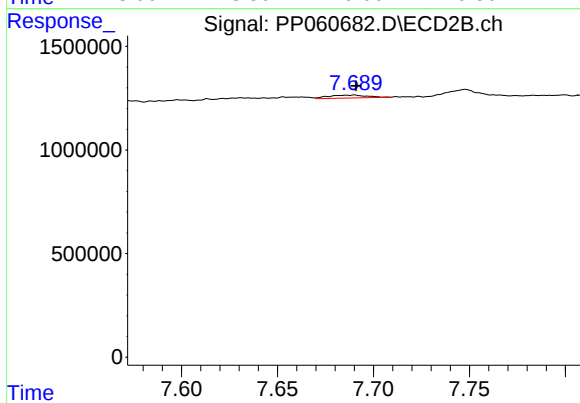
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 169776
Conc: 0.62 ng/ml



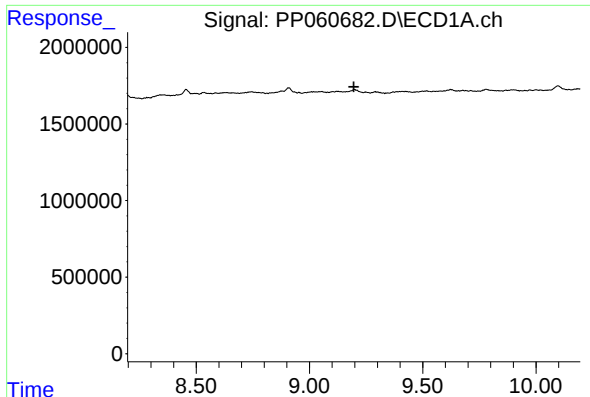
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.954 min
Response: 0
Conc: N.D.



#42 AR-1268-2

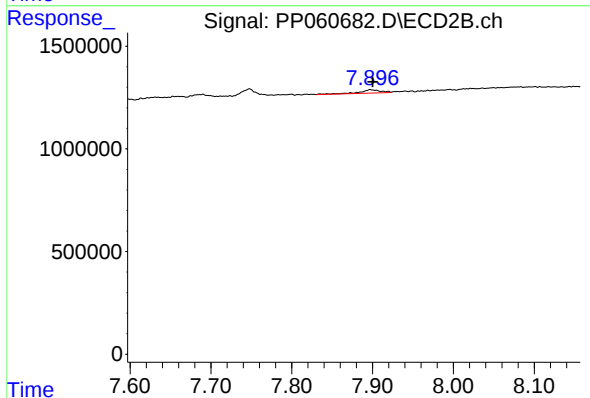
R.T.: 7.690 min
Delta R.T.: -0.001 min
Response: 201105
Conc: 0.82 ng/ml



#43 AR-1268-3

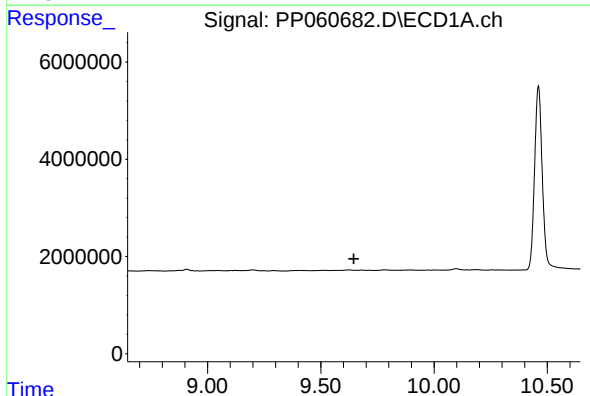
R.T.: 0.000 min
Exp R.T. : 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



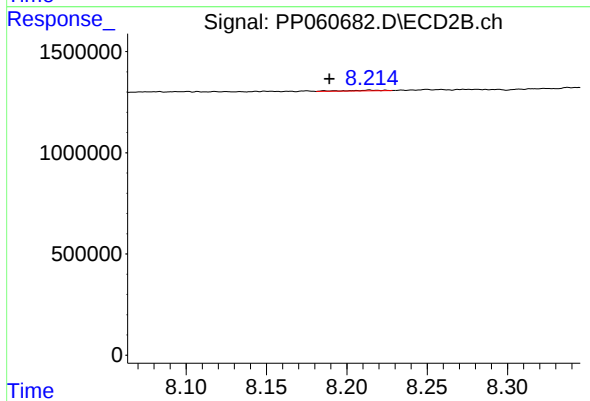
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 310467
Conc: 1.45 ng/ml



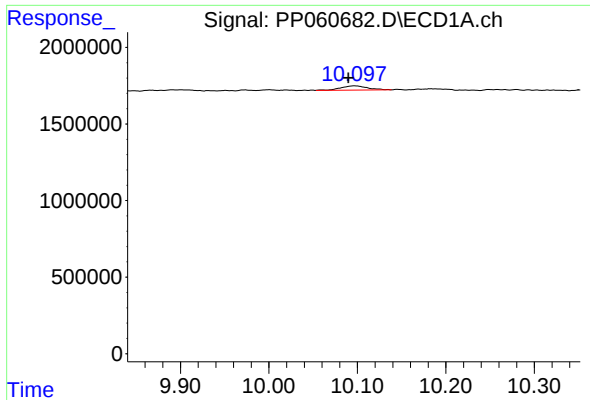
#44 AR-1268-4

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



#44 AR-1268-4

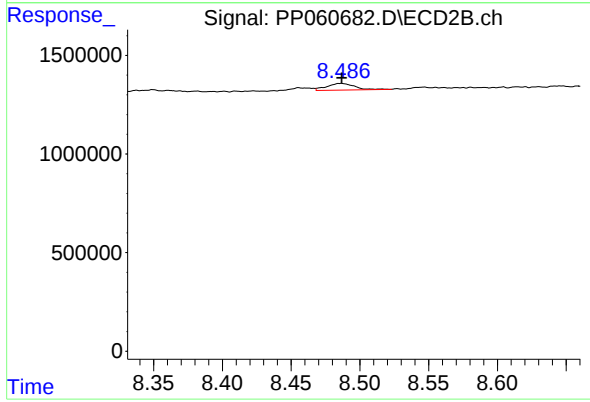
R.T.: 8.214 min
Delta R.T.: 0.025 min
Response: 58243
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 10.097 min
Delta R.T.: 0.007 min
Response: 578113
Conc: 0.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 473845
Conc: 0.76 ng/ml