

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080822\
 Data File : PP050319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 16:20
 Operator : YP\AJ
 Sample : N3980-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:14:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Aug 07 23:52:23 2022
 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...	4.347	3.594	29300754	56289312	18.203	17.971
2)	SA Decachlor...	10.098	8.560	32514644	27798928	18.465	18.062
Target Compounds							
3)	L1 AR-1016-1	5.525	4.667	1504067	2543487	24.021	25.023
4)	L1 AR-1016-2	5.547	4.685	2093333	3553333	23.639	24.566
5)	L1 AR-1016-3	0.000	4.860	0	1934917	N.D.	25.499 #
6)	L1 AR-1016-4	0.000	4.902	0	1410261	N.D.	24.204 #
7)	L1 AR-1016-5	0.000	5.113	0	2517285	N.D.	32.946 #
8)	L2 AR-1221-1	0.000	3.801	0	255509	N.D.	6.685 #
9)	L2 AR-1221-2	0.000	3.889	0	993712	N.D.	34.799 #
10)	L2 AR-1221-3	0.000	3.964	0	1336748	N.D.	15.614 #
11)	L3 AR-1232-1	0.000	3.964	0	1336748	N.D.	19.149 #
12)	L3 AR-1232-2	0.000	4.685	0	3553333	N.D.	55.270 #
13)	L3 AR-1232-3	5.547	4.860	2093333	1934917	53.163	57.690
14)	L3 AR-1232-4	0.000	4.941	0	1829387	N.D.	62.098 #
15)	L3 AR-1232-5	0.000	5.113	0	2517285	N.D.	76.442 #
16)	L4 AR-1242-1	5.525	4.667	1504067	2543487	29.677	30.681
17)	L4 AR-1242-2	5.547	4.685	2093333	3553333	28.978	30.428
18)	L4 AR-1242-3	0.000	4.860	0	1934917	N.D.	31.554 #
19)	L4 AR-1242-4	0.000	4.941	0	1829387	N.D.	31.250 #
20)	L4 AR-1242-5	0.000	5.462	0	1872279	N.D.	26.935 #
21)	L5 AR-1248-1	5.525	4.667	1504067	2543487	37.250	38.057
22)	L5 AR-1248-2	0.000	4.902	0	1410261	N.D.	16.325 #
23)	L5 AR-1248-3	0.000	4.941	0	1829387	N.D.	20.180 #
24)	L5 AR-1248-4	6.384f	5.113	1621832	2517285	20.503	23.883
25)	L5 AR-1248-5	0.000	5.485	0	1561321	N.D.	15.725 #
26)	L6 AR-1254-1	6.384	5.462	1621832	1872279	23.394	14.168 #
27)	L6 AR-1254-2	0.000	5.608	0	1508239	N.D.	13.840 #
28)	L6 AR-1254-3	0.000	5.992f	0	739483	N.D.	4.646 #
29)	L6 AR-1254-4	0.000	6.239	0	155833	N.D.	1.603 #
30)	L6 AR-1254-5	7.677	6.654	4309281	3491331	45.592	28.325 #
31)	L7 AR-1260-1	7.132	6.139	2573816	3077359	28.181	27.157
32)	L7 AR-1260-2	7.391	6.326	2727518	4134853	23.873	30.779 #
33)	L7 AR-1260-3	7.750	6.480	2116701	3270348	24.857	27.148
34)	L7 AR-1260-4	7.978	6.950	3290573	2432361	34.570	27.438
35)	L7 AR-1260-5	8.298	7.191	4569069	5211752	24.443	26.735
36)	L8 AR-1262-1	7.750	6.691	2116701	2882376	17.675	21.328
37)	L8 AR-1262-2	8.298	6.950	4569069	2432361	21.146	22.385
38)	L8 AR-1262-3	0.000	7.474	0	1530021	N.D.	21.083 #
39)	L8 AR-1262-4	0.000	7.537	0	3635236	N.D.	26.367 #
40)	L8 AR-1262-5	0.000	8.030	0	963112	N.D.	14.954 #
41)	L9 AR-1268-1	0.000	7.474	0	1530021	N.D.	6.963 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Aug 07 23:52:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

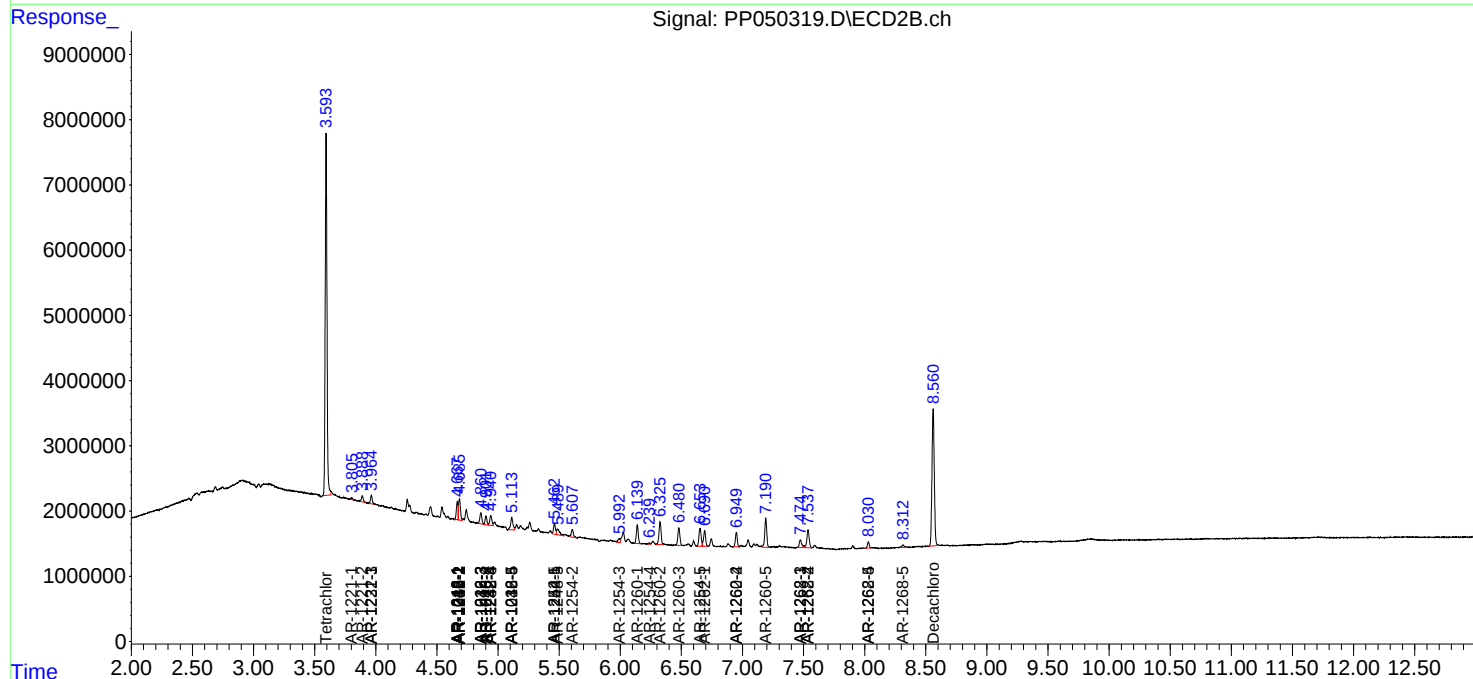
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

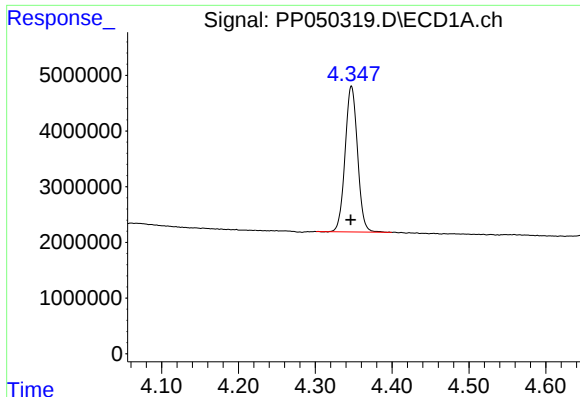
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.537	0	3635236	N.D.	18.252 #
44) L9	AR-1268-4	0.000	8.030	0	963112	N.D.	13.555 #
45) L9	AR-1268-5	9.786f	8.313	4860590	422733	7.288	0.768 #

(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

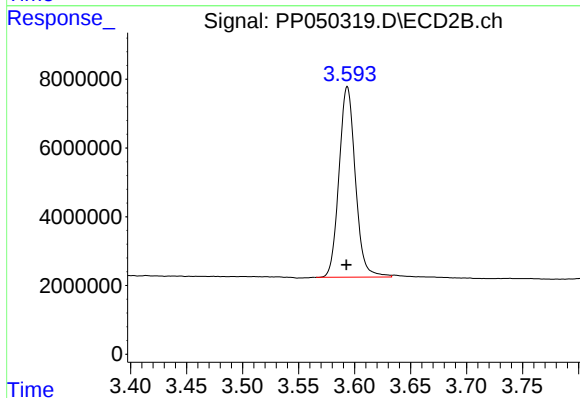




#1 Tetrachloro-m-xylene

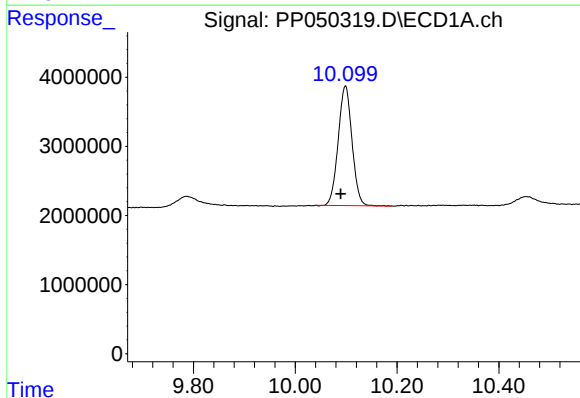
R.T.: 4.347 min
Delta R.T.: 0.001 min
Response: 29300754
Conc: 18.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



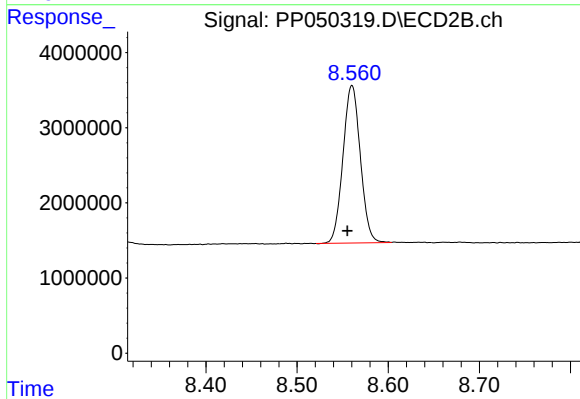
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 56289312
Conc: 17.97 ng/ml



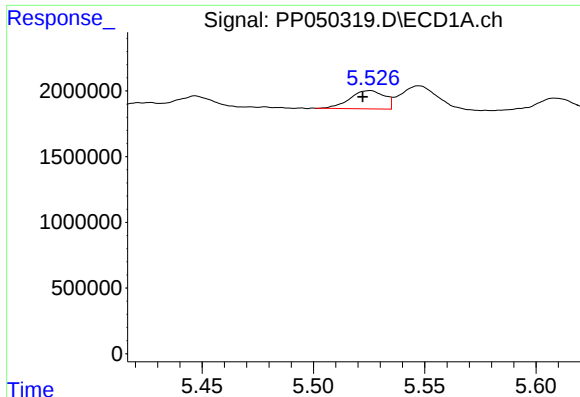
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: 0.009 min
Response: 32514644
Conc: 18.46 ng/ml



#2 Decachlorobiphenyl

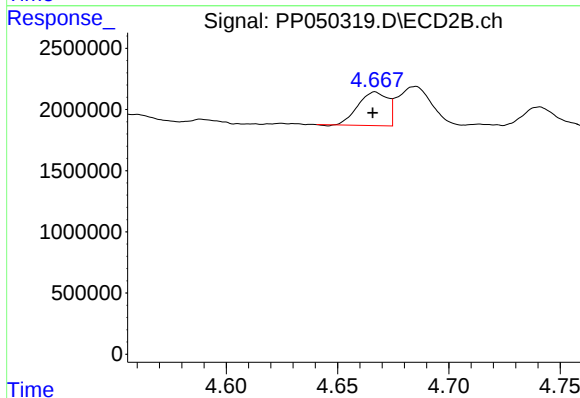
R.T.: 8.560 min
Delta R.T.: 0.005 min
Response: 27798928
Conc: 18.06 ng/ml



#3 AR-1016-1

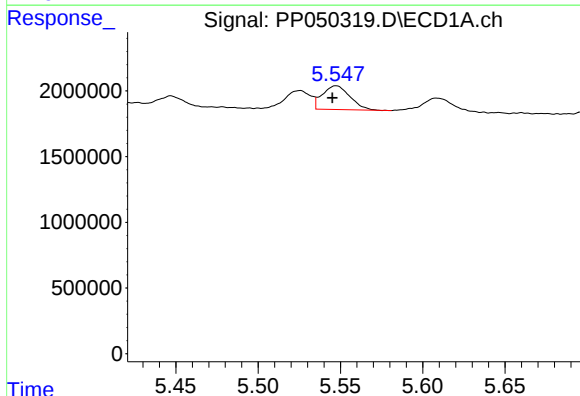
R.T.: 5.525 min
Delta R.T.: 0.003 min
Response: 1504067
Conc: 24.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



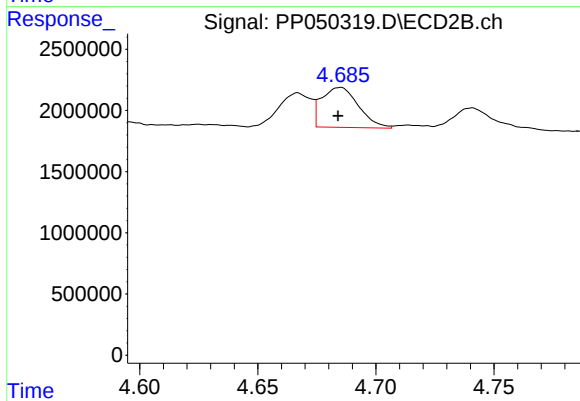
#3 AR-1016-1

R.T.: 4.667 min
Delta R.T.: 0.001 min
Response: 2543487
Conc: 25.02 ng/ml



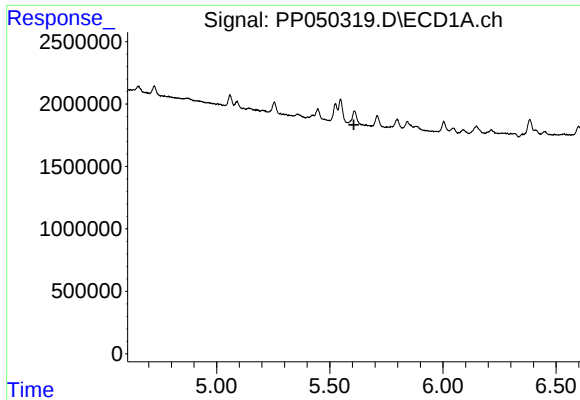
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 2093333
Conc: 23.64 ng/ml



#4 AR-1016-2

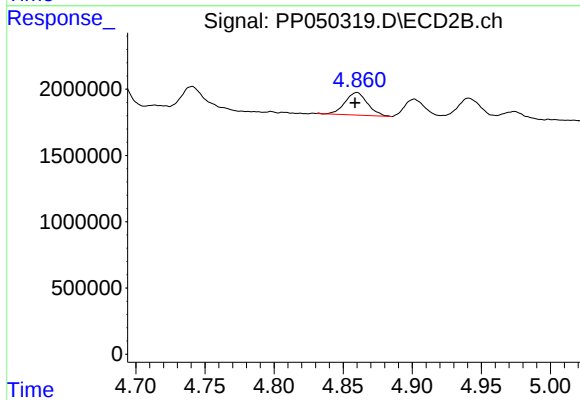
R.T.: 4.685 min
Delta R.T.: 0.001 min
Response: 3553333
Conc: 24.57 ng/ml



#5 AR-1016-3

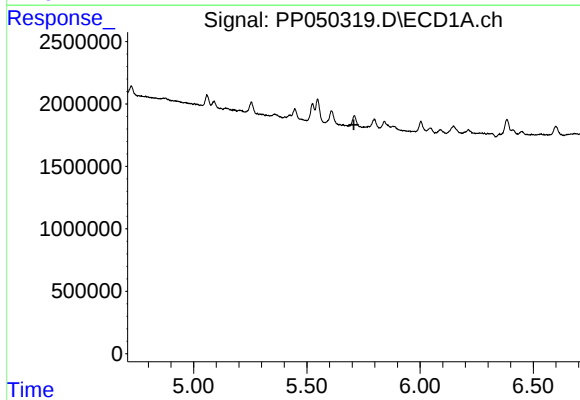
R.T.: 0.000 min
Exp R.T.: 5.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



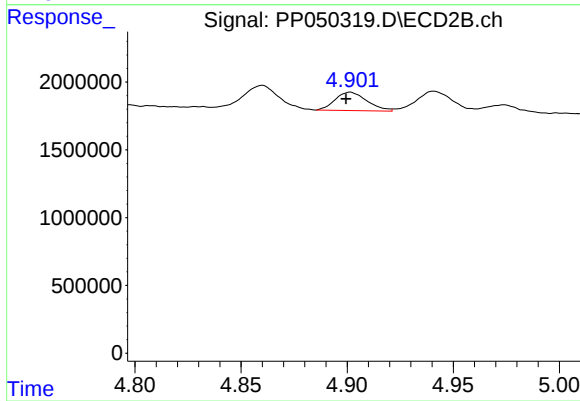
#5 AR-1016-3

R.T.: 4.860 min
Delta R.T.: 0.001 min
Response: 1934917
Conc: 25.50 ng/ml



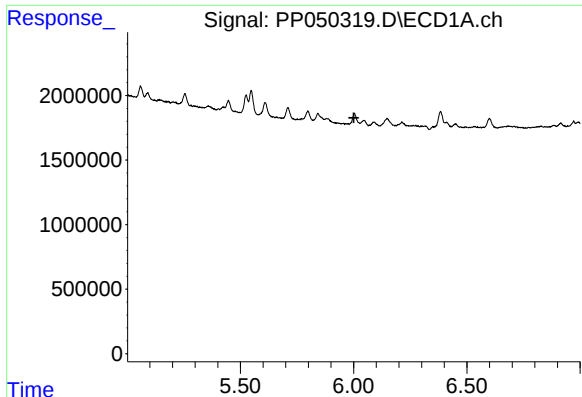
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.



#6 AR-1016-4

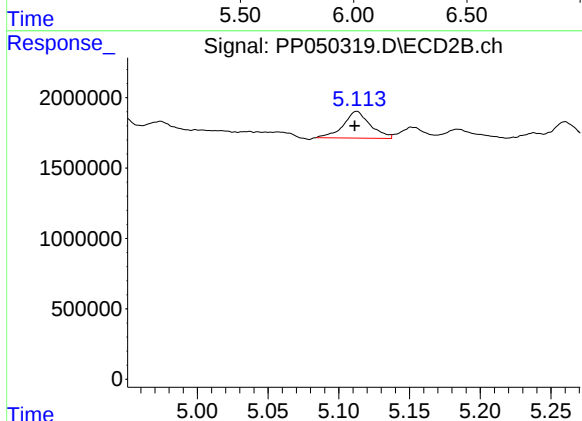
R.T.: 4.902 min
Delta R.T.: 0.002 min
Response: 1410261
Conc: 24.20 ng/ml



#7 AR-1016-5

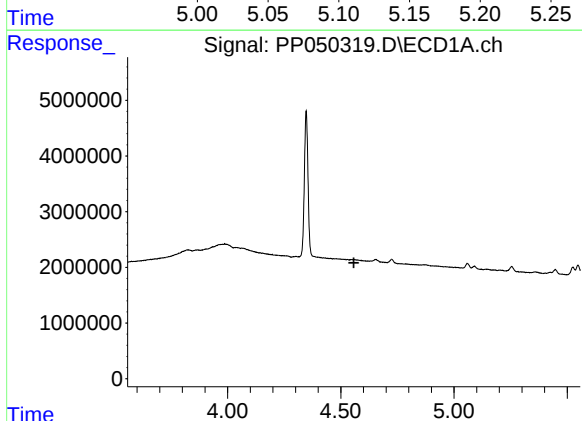
R.T.: 0.000 min
Exp R.T.: 6.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



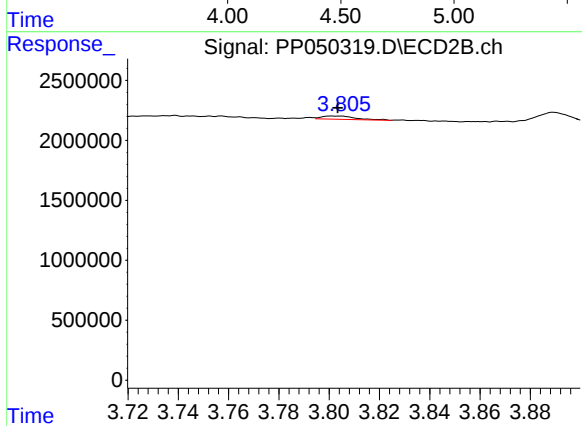
#7 AR-1016-5

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 2517285
Conc: 32.95 ng/ml



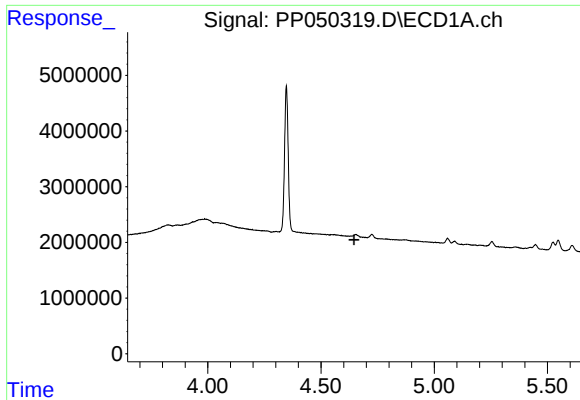
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.558 min
Response: 0
Conc: N.D.



#8 AR-1221-1

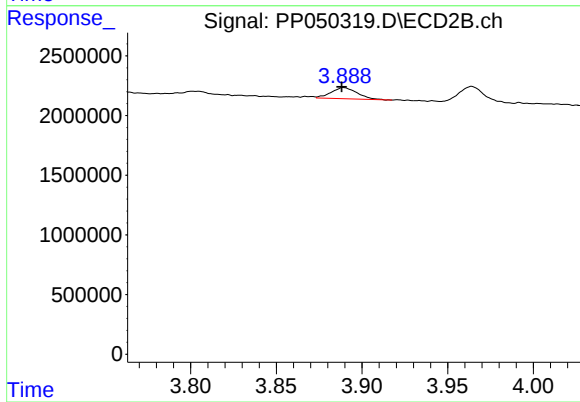
R.T.: 3.801 min
Delta R.T.: -0.002 min
Response: 255509
Conc: 6.68 ng/ml



#9 AR-1221-2

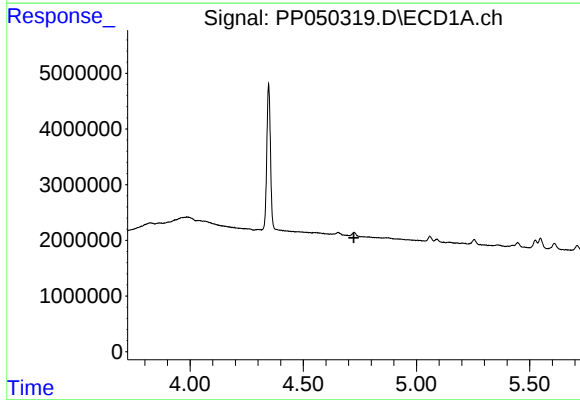
R.T.: 0.000 min
Exp R.T.: 4.646 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



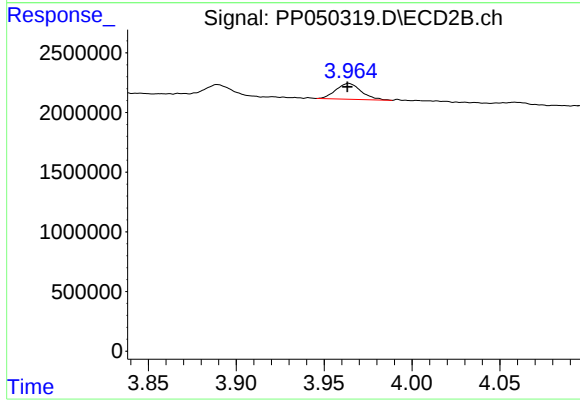
#9 AR-1221-2

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 993712
Conc: 34.80 ng/ml



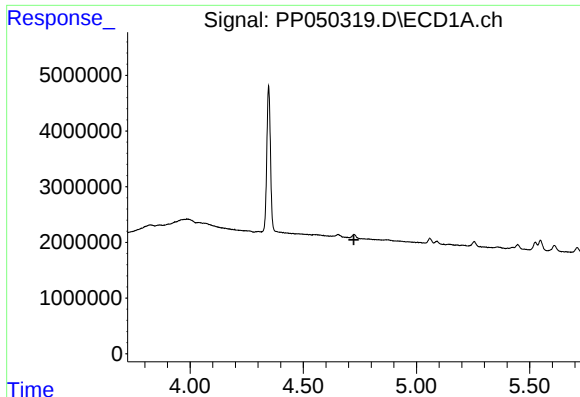
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.



#10 AR-1221-3

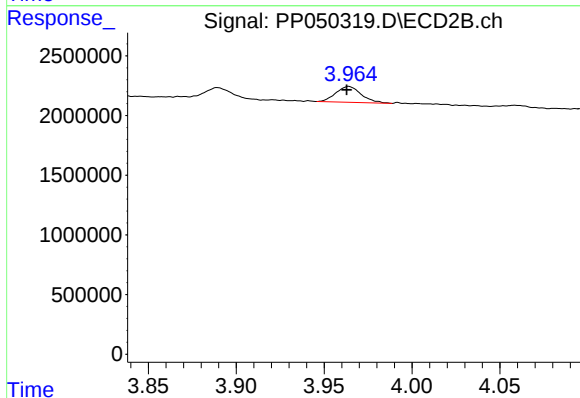
R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 1336748
Conc: 15.61 ng/ml



#11 AR-1232-1

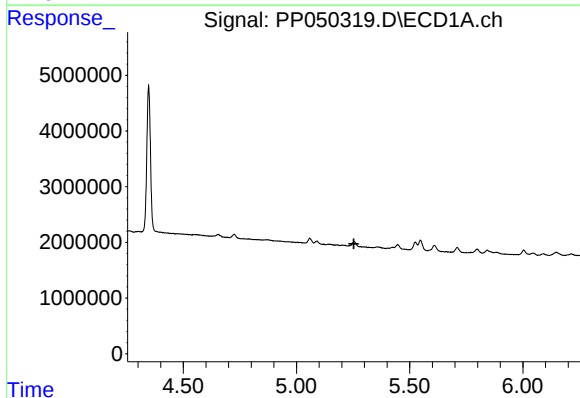
R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



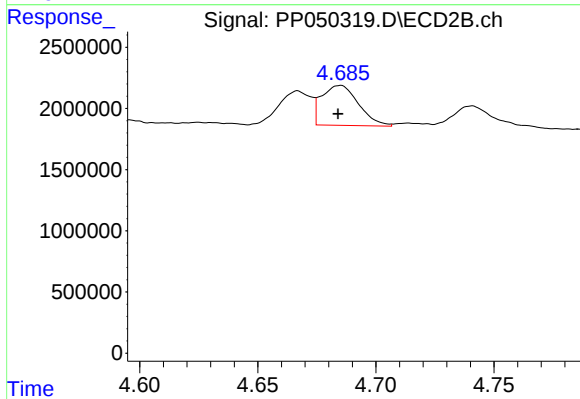
#11 AR-1232-1

R.T.: 3.964 min
Delta R.T.: 0.001 min
Response: 1336748
Conc: 19.15 ng/ml



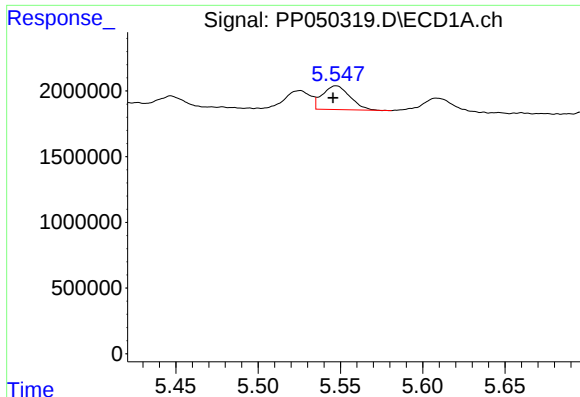
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.254 min
Response: 0
Conc: N.D.



#12 AR-1232-2

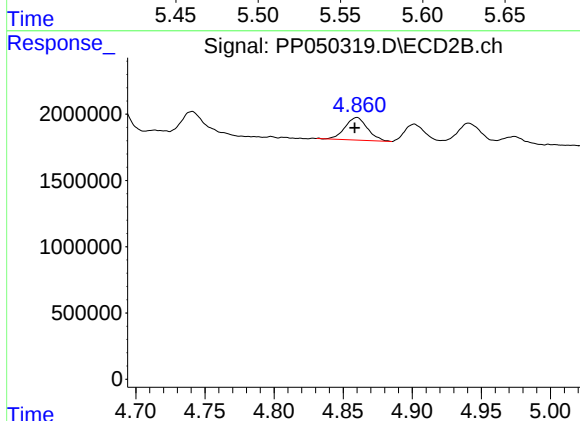
R.T.: 4.685 min
Delta R.T.: 0.001 min
Response: 3553333
Conc: 55.27 ng/ml



#13 AR-1232-3

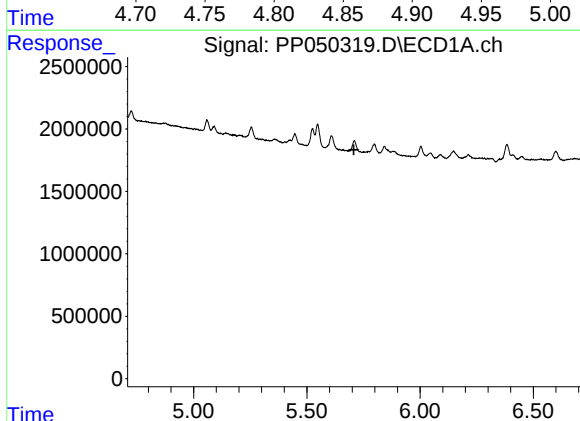
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 2093333
Conc: 53.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



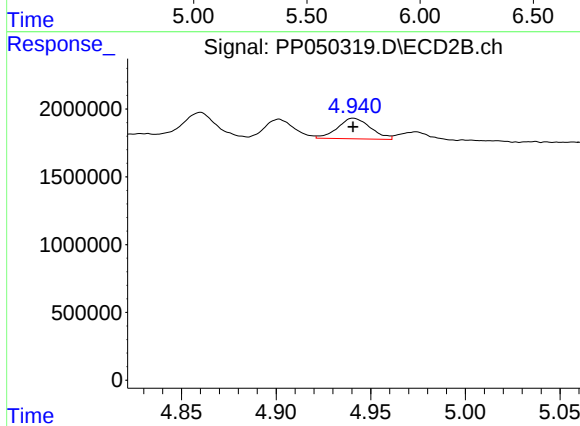
#13 AR-1232-3

R.T.: 4.860 min
Delta R.T.: 0.002 min
Response: 1934917
Conc: 57.69 ng/ml



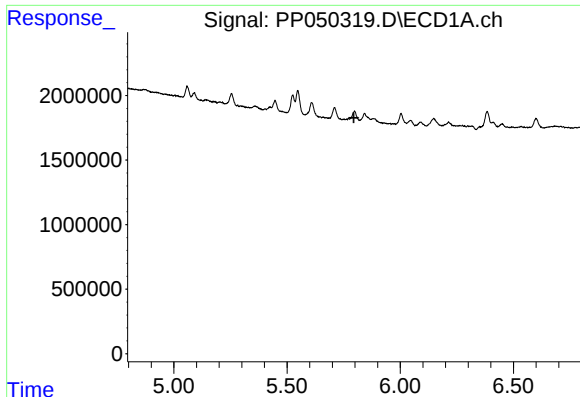
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

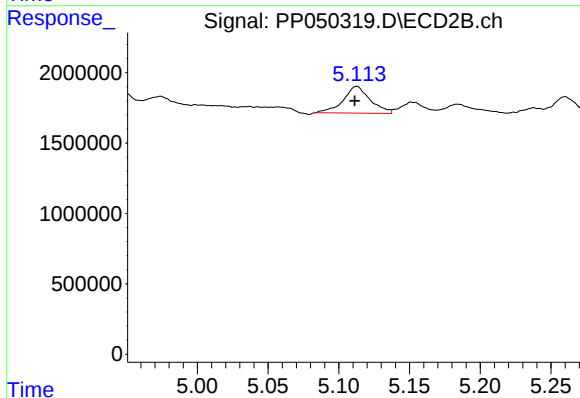
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1829387
Conc: 62.10 ng/ml



#15 AR-1232-5

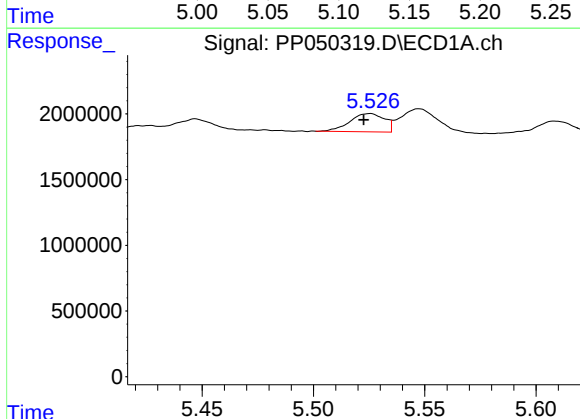
R.T.: 0.000 min
Exp R.T.: 5.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



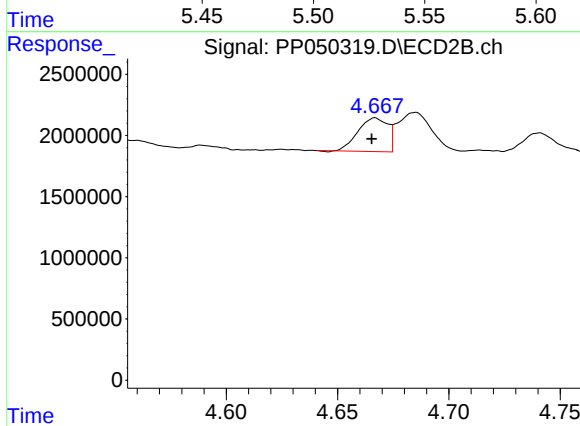
#15 AR-1232-5

R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 2517285
Conc: 76.44 ng/ml



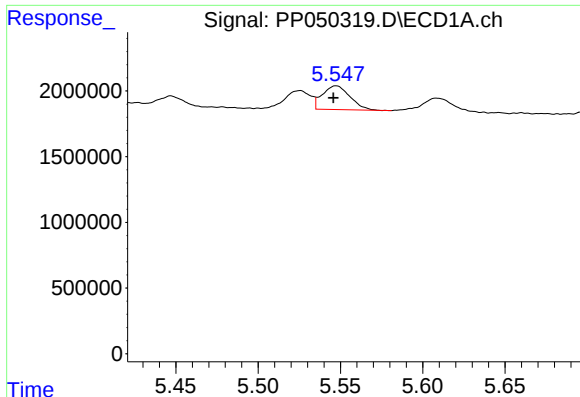
#16 AR-1242-1

R.T.: 5.525 min
Delta R.T.: 0.002 min
Response: 1504067
Conc: 29.68 ng/ml



#16 AR-1242-1

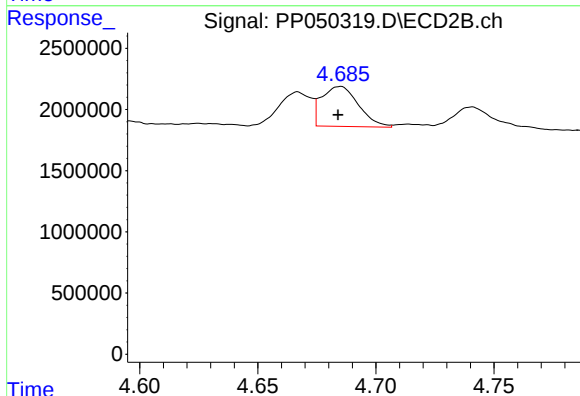
R.T.: 4.667 min
Delta R.T.: 0.002 min
Response: 2543487
Conc: 30.68 ng/ml



#17 AR-1242-2

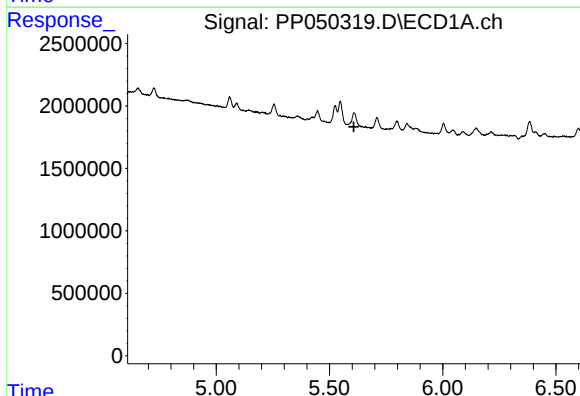
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 2093333
Conc: 28.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



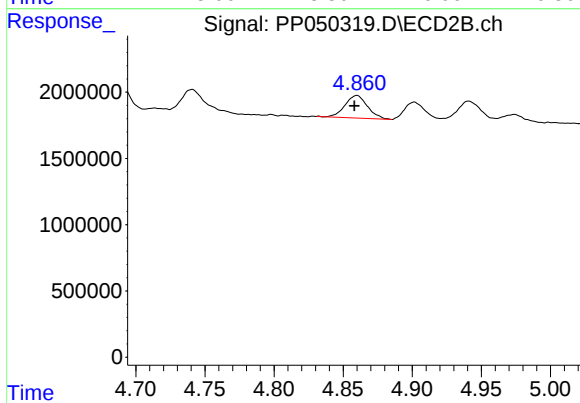
#17 AR-1242-2

R.T.: 4.685 min
Delta R.T.: 0.001 min
Response: 3553333
Conc: 30.43 ng/ml



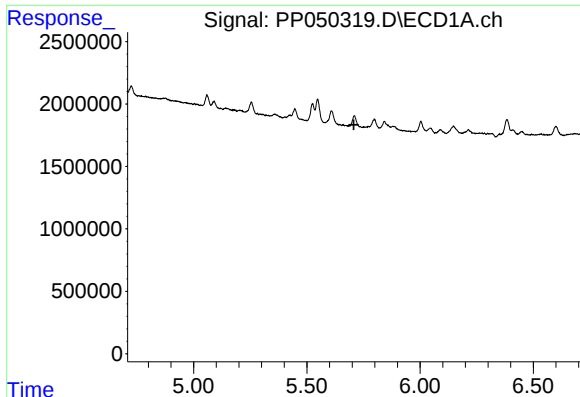
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.607 min
Response: 0
Conc: N.D.



#18 AR-1242-3

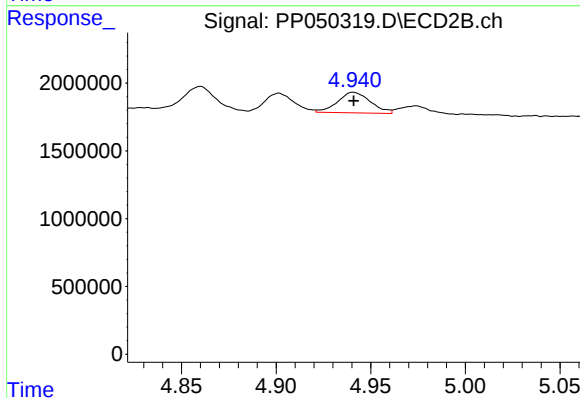
R.T.: 4.860 min
Delta R.T.: 0.002 min
Response: 1934917
Conc: 31.55 ng/ml



#19 AR-1242-4

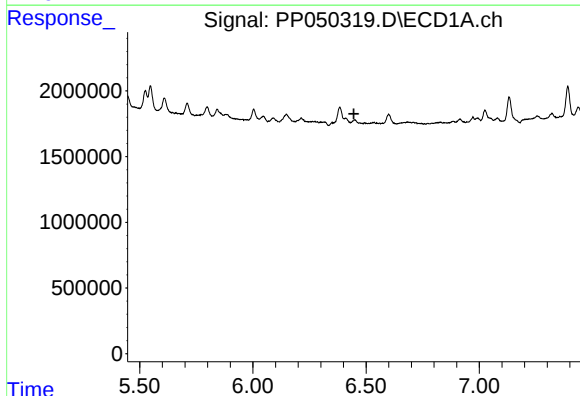
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



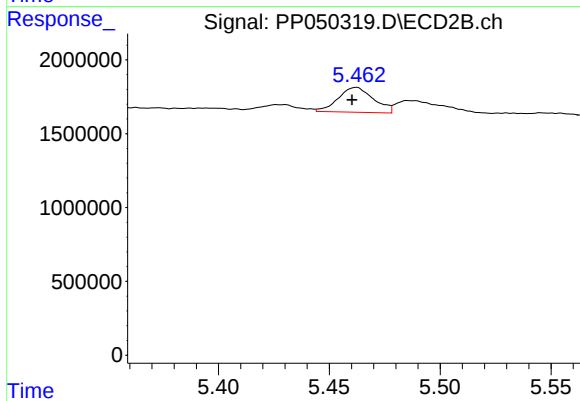
#19 AR-1242-4

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1829387
Conc: 31.25 ng/ml



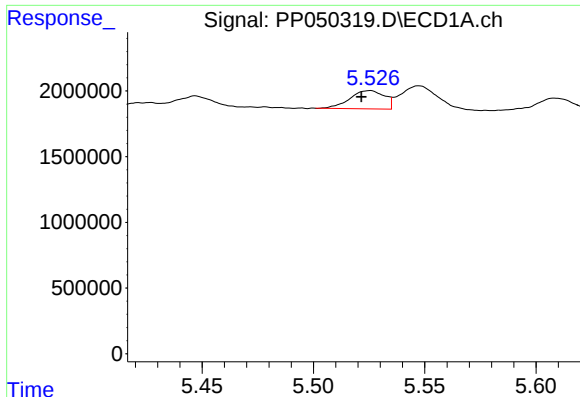
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#20 AR-1242-5

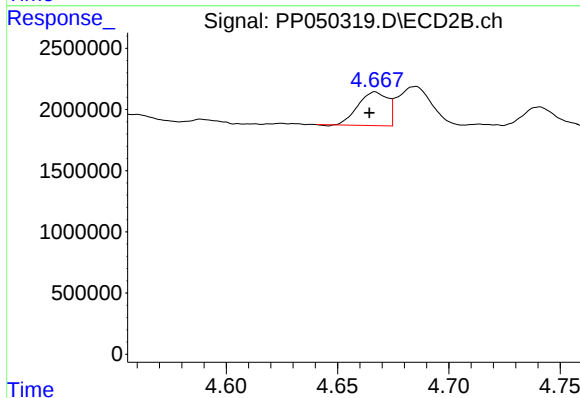
R.T.: 5.462 min
Delta R.T.: 0.002 min
Response: 1872279
Conc: 26.94 ng/ml



#21 AR-1248-1

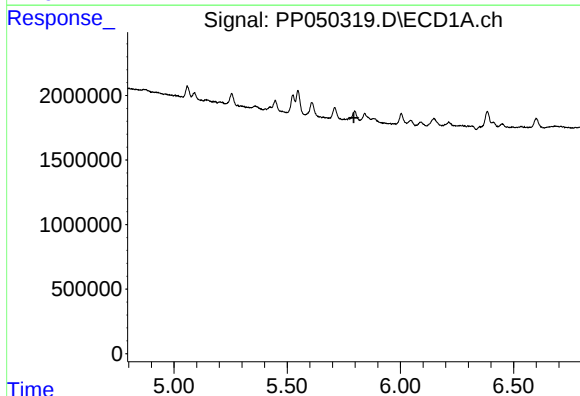
R.T.: 5.525 min
Delta R.T.: 0.003 min
Response: 1504067
Conc: 37.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



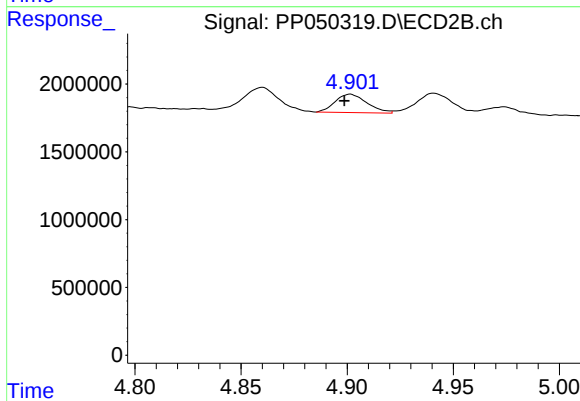
#21 AR-1248-1

R.T.: 4.667 min
Delta R.T.: 0.003 min
Response: 2543487
Conc: 38.06 ng/ml



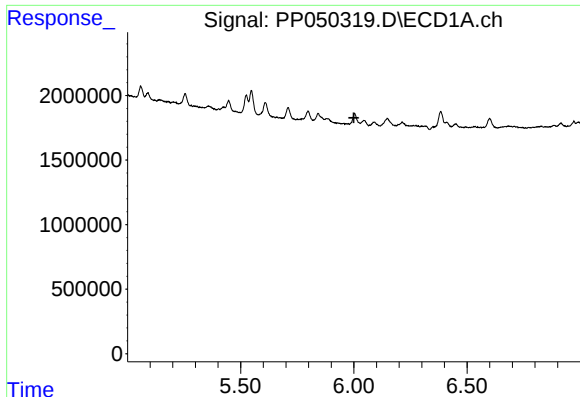
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.794 min
Response: 0
Conc: N.D.



#22 AR-1248-2

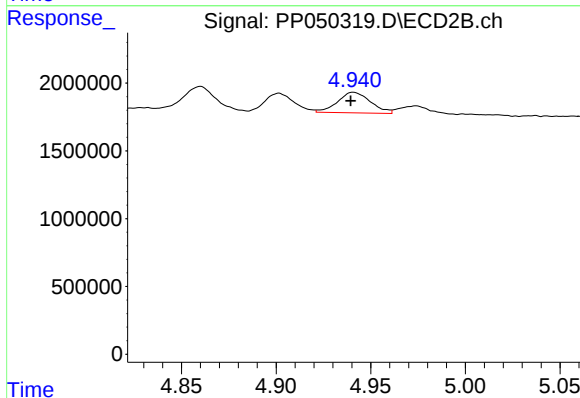
R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 1410261
Conc: 16.33 ng/ml



#23 AR-1248-3

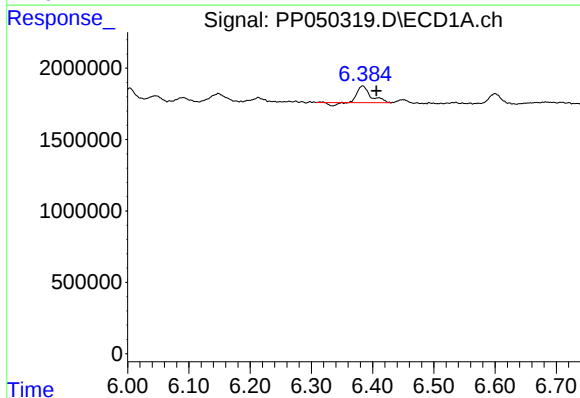
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



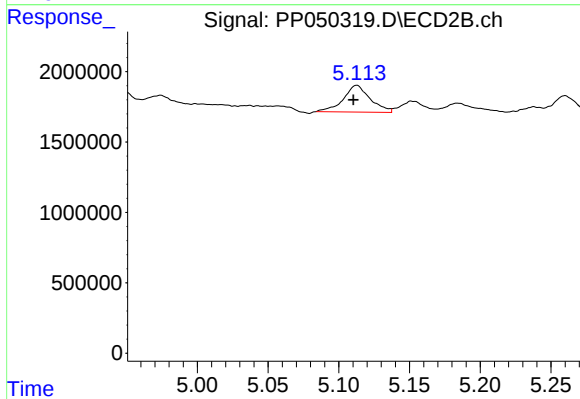
#23 AR-1248-3

R.T.: 4.941 min
Delta R.T.: 0.001 min
Response: 1829387
Conc: 20.18 ng/ml



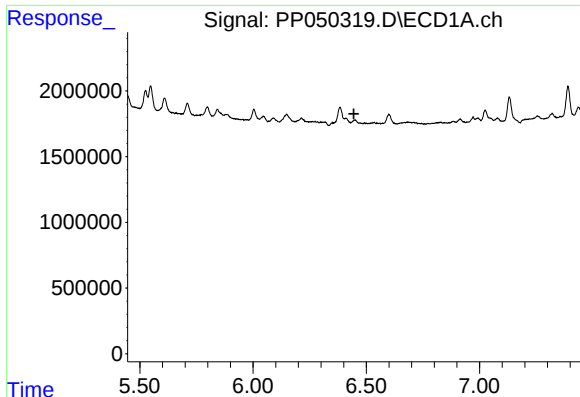
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.023 min
Response: 1621832
Conc: 20.50 ng/ml



#24 AR-1248-4

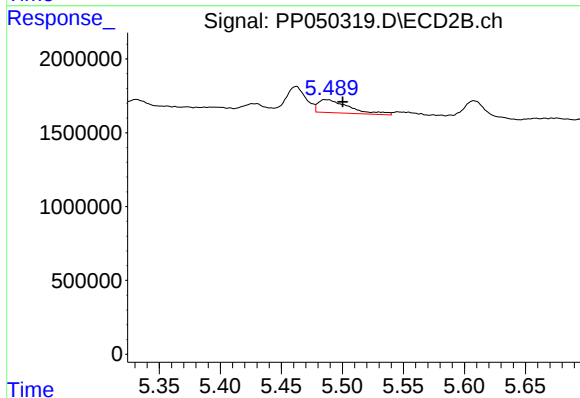
R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 2517285
Conc: 23.88 ng/ml



#25 AR-1248-5

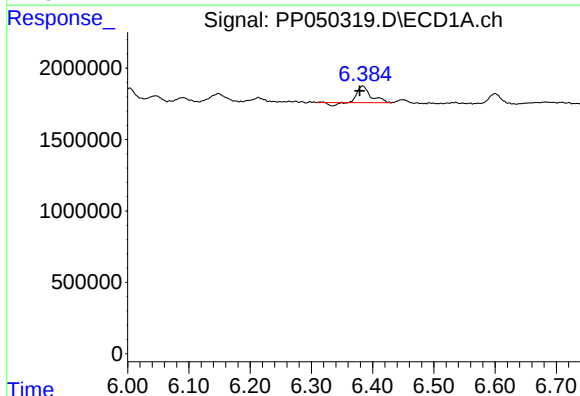
R.T.: 0.000 min
Exp R.T.: 6.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



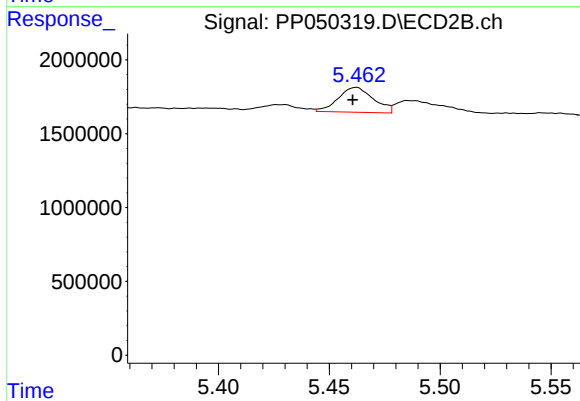
#25 AR-1248-5

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 1561321
Conc: 15.73 ng/ml



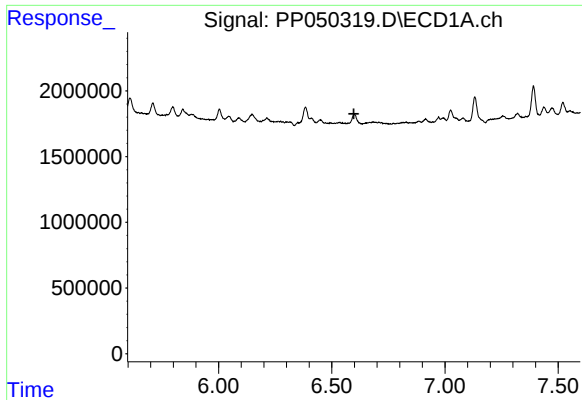
#26 AR-1254-1

R.T.: 6.384 min
Delta R.T.: 0.005 min
Response: 1621832
Conc: 23.39 ng/ml



#26 AR-1254-1

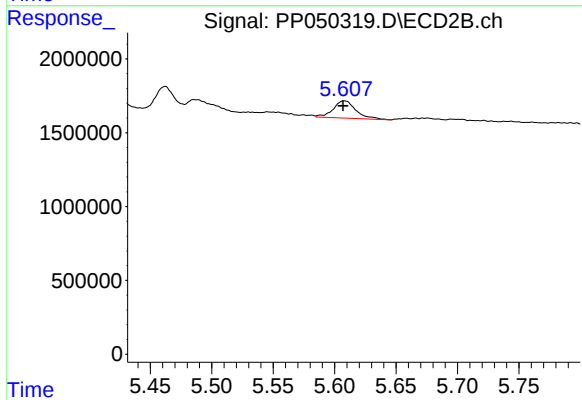
R.T.: 5.462 min
Delta R.T.: 0.002 min
Response: 1872279
Conc: 14.17 ng/ml



#27 AR-1254-2

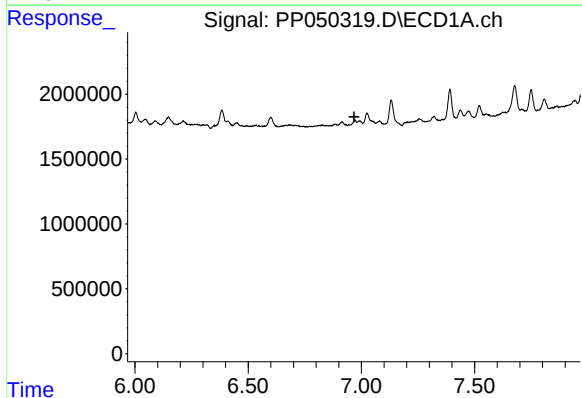
R.T.: 0.000 min
Exp R.T.: 6.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



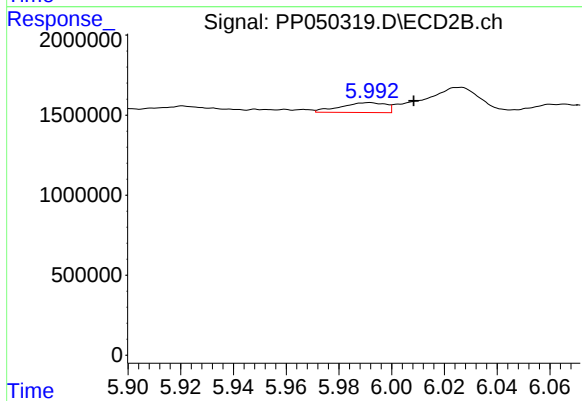
#27 AR-1254-2

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 1508239
Conc: 13.84 ng/ml



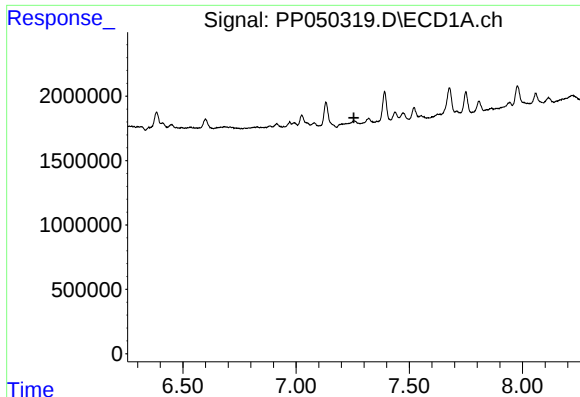
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.967 min
Response: 0
Conc: N.D.



#28 AR-1254-3

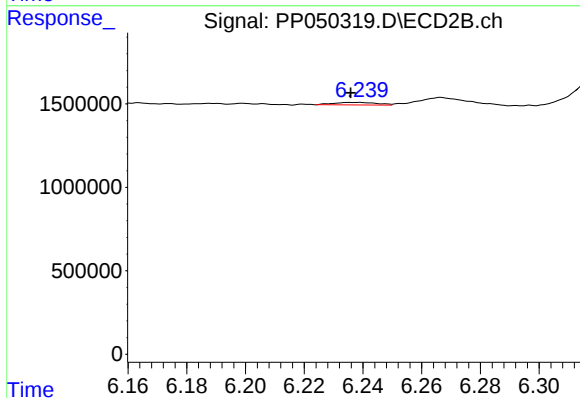
R.T.: 5.992 min
Delta R.T.: -0.017 min
Response: 739483
Conc: 4.65 ng/ml



#29 AR-1254-4

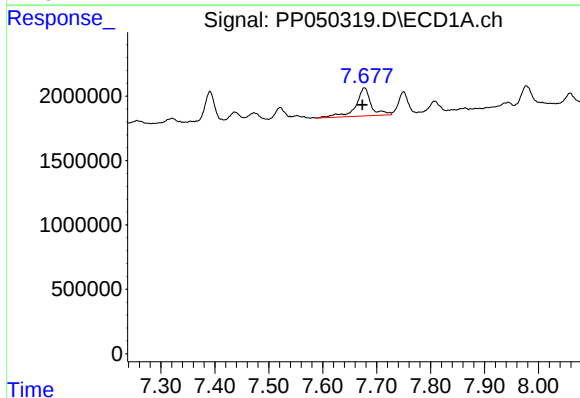
R.T.: 0.000 min
Exp R.T.: 7.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



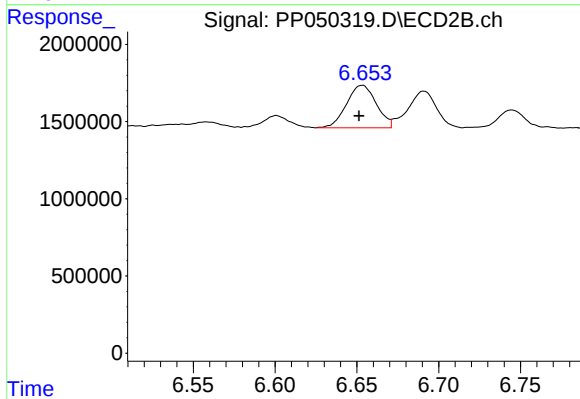
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: 0.003 min
Response: 155833
Conc: 1.60 ng/ml



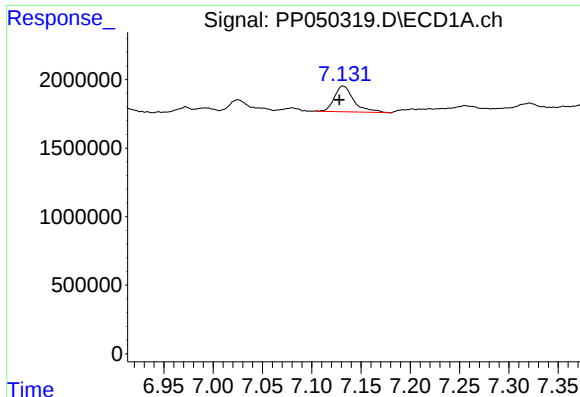
#30 AR-1254-5

R.T.: 7.677 min
Delta R.T.: 0.004 min
Response: 4309281
Conc: 45.59 ng/ml



#30 AR-1254-5

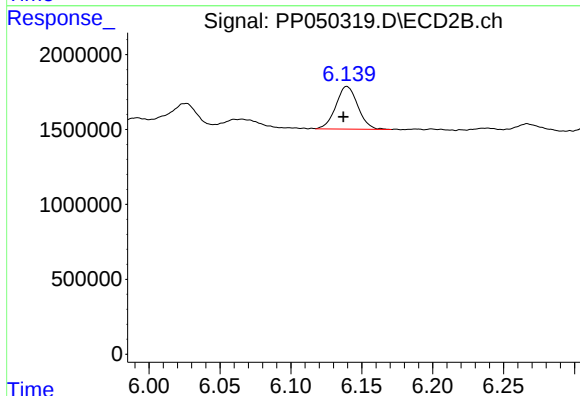
R.T.: 6.654 min
Delta R.T.: 0.002 min
Response: 3491331
Conc: 28.32 ng/ml



#31 AR-1260-1

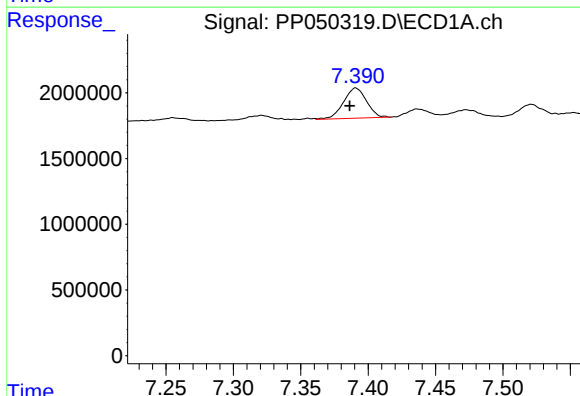
R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 2573816
Conc: 28.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



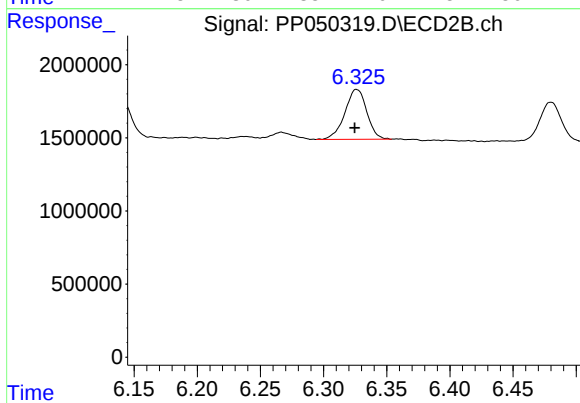
#31 AR-1260-1

R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 3077359
Conc: 27.16 ng/ml



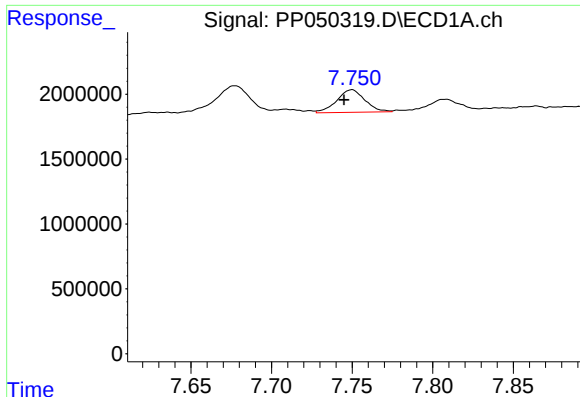
#32 AR-1260-2

R.T.: 7.391 min
Delta R.T.: 0.005 min
Response: 2727518
Conc: 23.87 ng/ml



#32 AR-1260-2

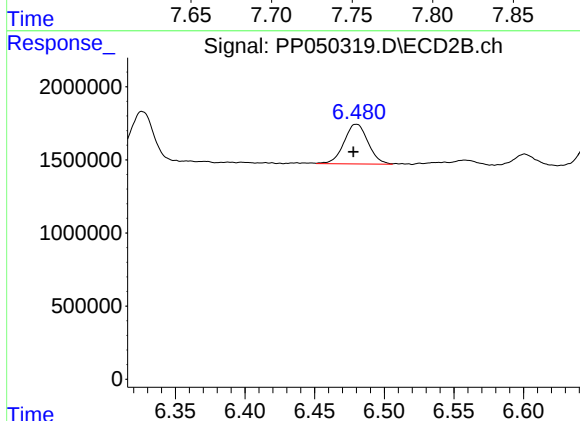
R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 4134853
Conc: 30.78 ng/ml



#33 AR-1260-3

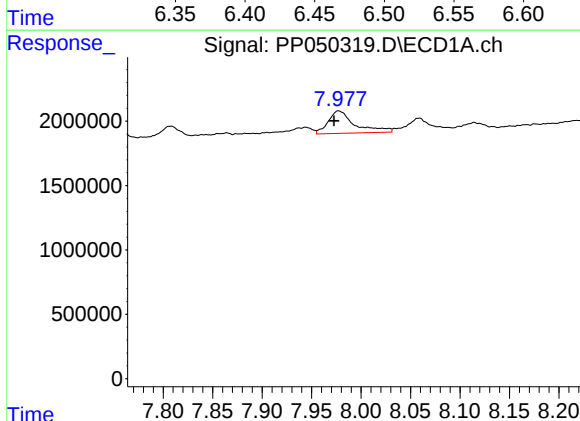
R.T.: 7.750 min
Delta R.T.: 0.005 min
Response: 2116701
Conc: 24.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



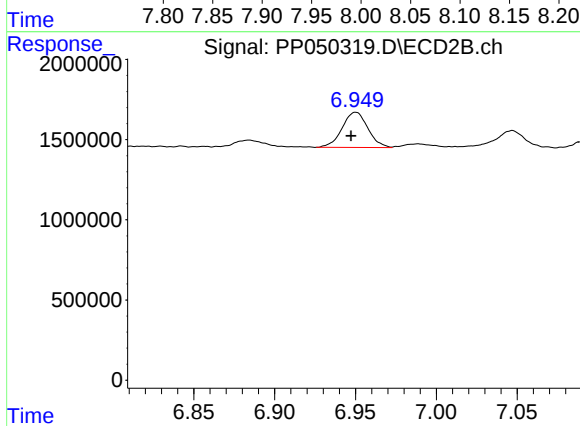
#33 AR-1260-3

R.T.: 6.480 min
Delta R.T.: 0.002 min
Response: 3270348
Conc: 27.15 ng/ml



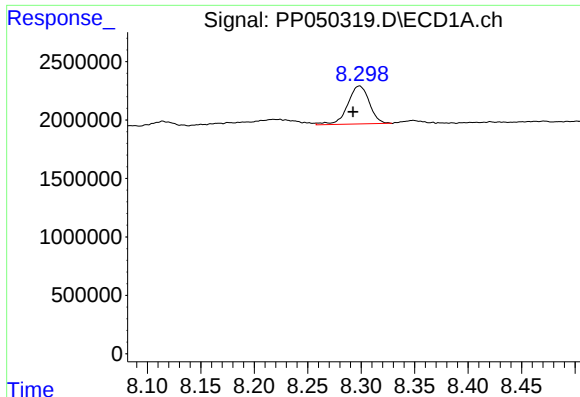
#34 AR-1260-4

R.T.: 7.978 min
Delta R.T.: 0.005 min
Response: 3290573
Conc: 34.57 ng/ml



#34 AR-1260-4

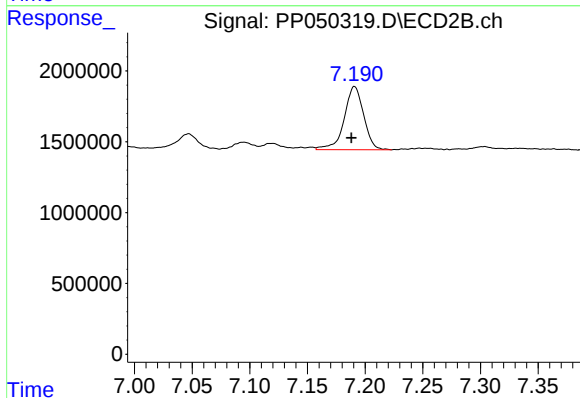
R.T.: 6.950 min
Delta R.T.: 0.003 min
Response: 2432361
Conc: 27.44 ng/ml



#35 AR-1260-5

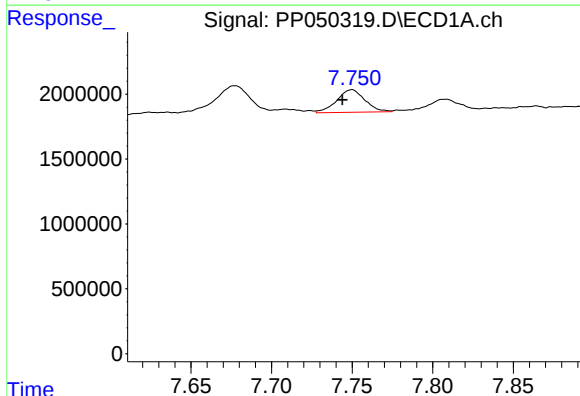
R.T.: 8.298 min
Delta R.T.: 0.006 min
Response: 4569069
Conc: 24.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



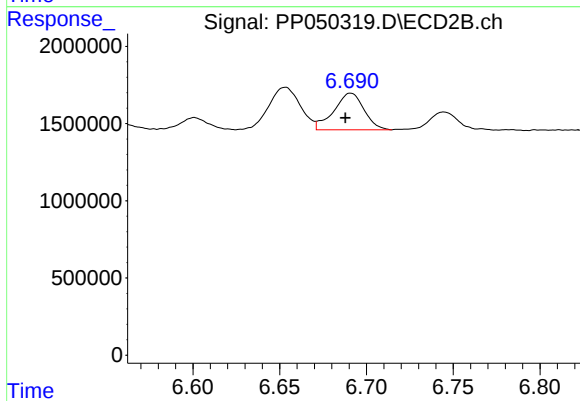
#35 AR-1260-5

R.T.: 7.191 min
Delta R.T.: 0.003 min
Response: 5211752
Conc: 26.74 ng/ml



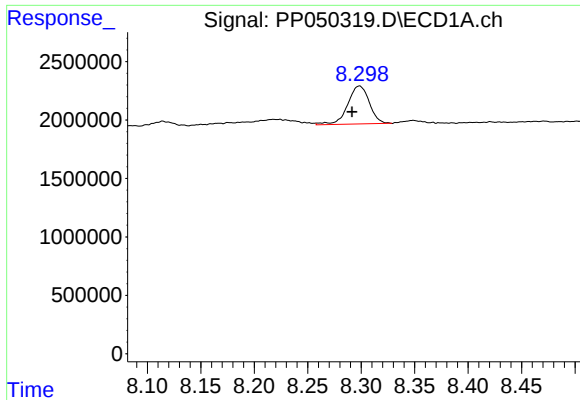
#36 AR-1262-1

R.T.: 7.750 min
Delta R.T.: 0.006 min
Response: 2116701
Conc: 17.67 ng/ml



#36 AR-1262-1

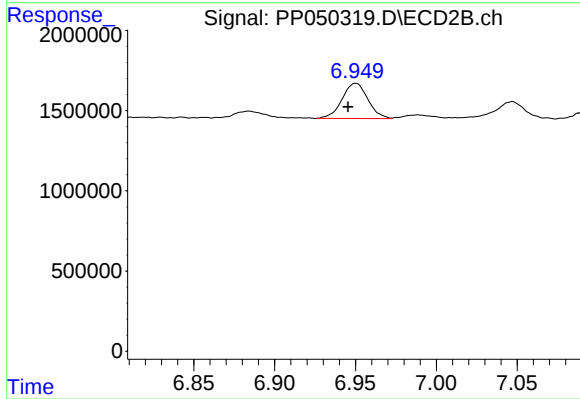
R.T.: 6.691 min
Delta R.T.: 0.003 min
Response: 2882376
Conc: 21.33 ng/ml



#37 AR-1262-2

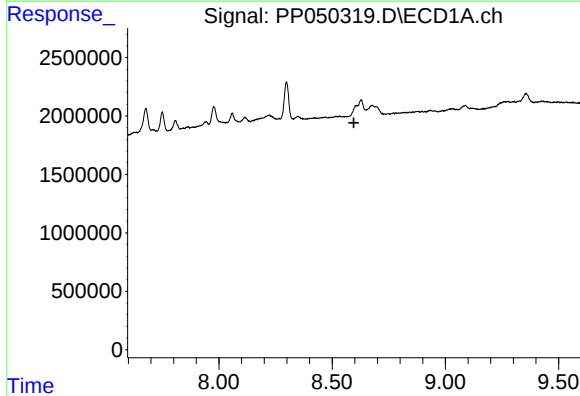
R.T.: 8.298 min
Delta R.T.: 0.007 min
Response: 4569069
Conc: 21.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



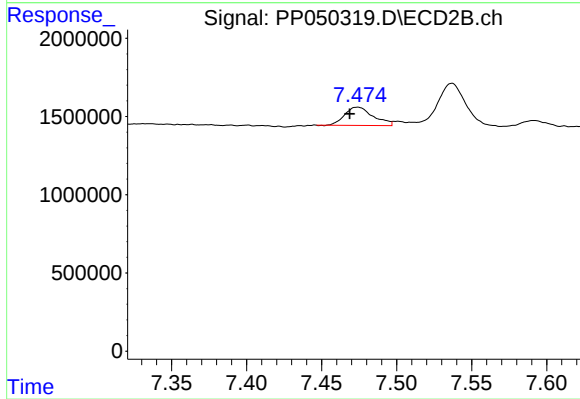
#37 AR-1262-2

R.T.: 6.950 min
Delta R.T.: 0.005 min
Response: 2432361
Conc: 22.38 ng/ml



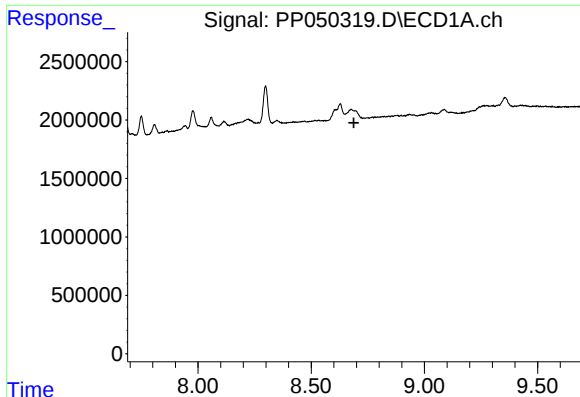
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.596 min
Response: 0
Conc: N.D.



#38 AR-1262-3

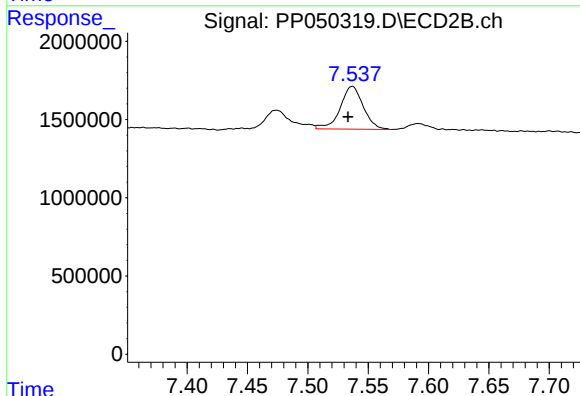
R.T.: 7.474 min
Delta R.T.: 0.005 min
Response: 1530021
Conc: 21.08 ng/ml



#39 AR-1262-4

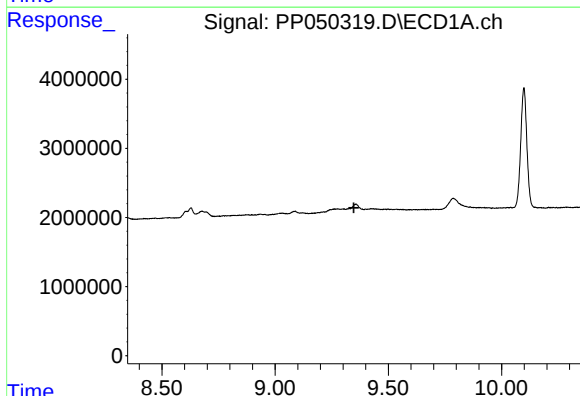
R.T.: 0.000 min
Exp R.T.: 8.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



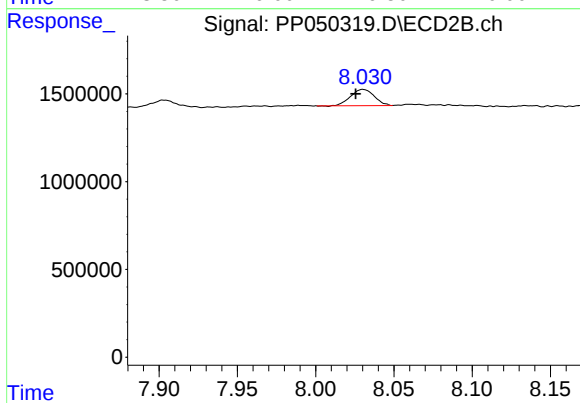
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: 0.004 min
Response: 3635236
Conc: 26.37 ng/ml



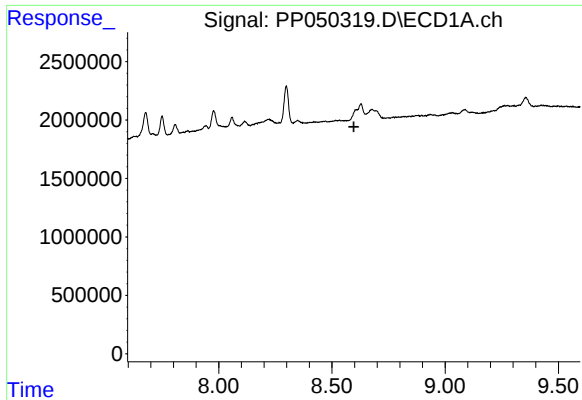
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.348 min
Response: 0
Conc: N.D.



#40 AR-1262-5

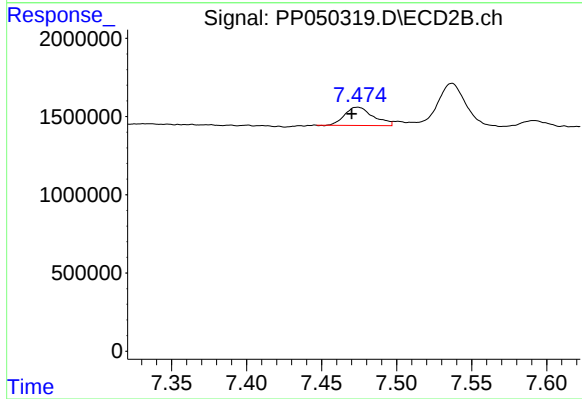
R.T.: 8.030 min
Delta R.T.: 0.005 min
Response: 963112
Conc: 14.95 ng/ml



#41 AR-1268-1

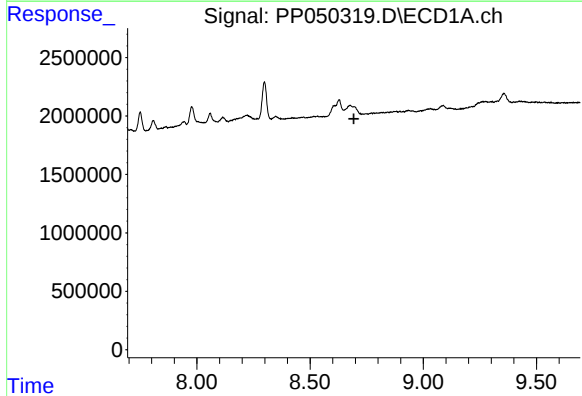
R.T.: 0.000 min
Exp R.T.: 8.597 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



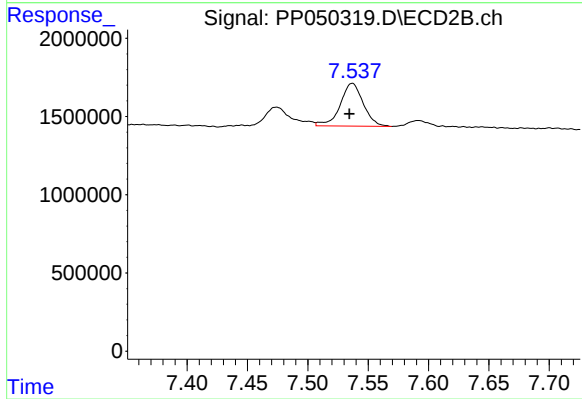
#41 AR-1268-1

R.T.: 7.474 min
Delta R.T.: 0.004 min
Response: 1530021
Conc: 6.96 ng/ml



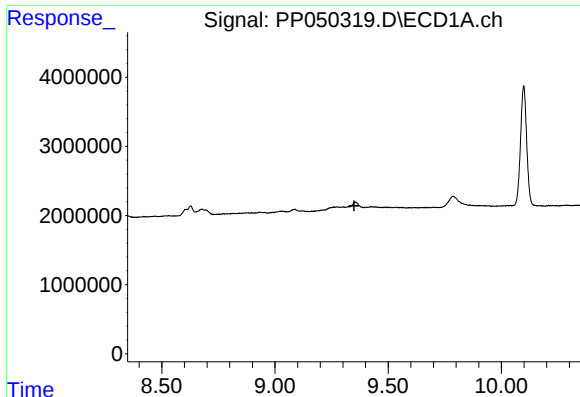
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.694 min
Response: 0
Conc: N.D.



#42 AR-1268-2

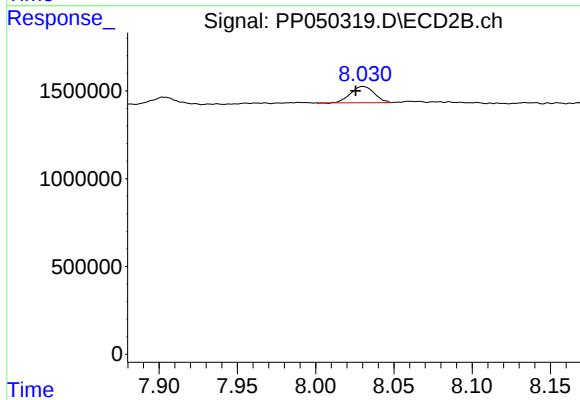
R.T.: 7.537 min
Delta R.T.: 0.002 min
Response: 3635236
Conc: 18.25 ng/ml



#44 AR-1268-4

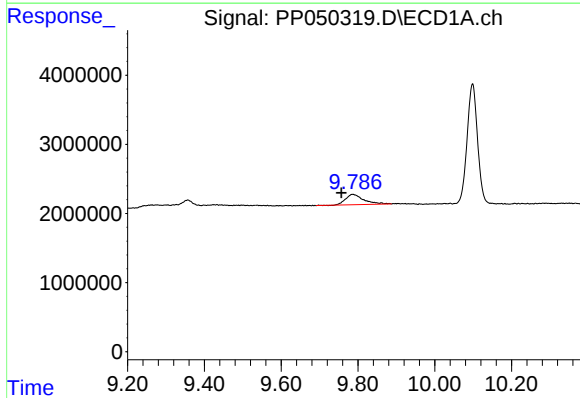
R.T.: 0.000 min
Exp R.T.: 9.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



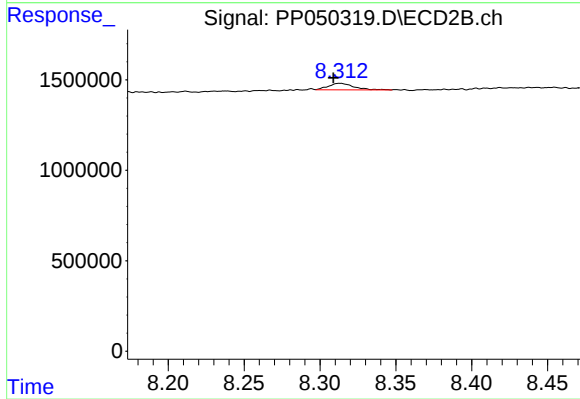
#44 AR-1268-4

R.T.: 8.030 min
Delta R.T.: 0.005 min
Response: 963112
Conc: 13.56 ng/ml



#45 AR-1268-5

R.T.: 9.786 min
Delta R.T.: 0.029 min
Response: 4860590
Conc: 7.29 ng/ml



#45 AR-1268-5

R.T.: 8.313 min
Delta R.T.: 0.004 min
Response: 422733
Conc: 0.77 ng/ml