

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012221\
 Data File : PP032908.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2021 20:39
 Operator : DD\AJ
 Sample : M1189-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:41:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 14 08:12:55 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.738	4.007	1045289	945575	17.997	20.101
2)	SA Decachlor...	10.578	9.291	855100	814438	21.674	21.740
Target Compounds							
3)	L1 AR-1016-1	6.032	0.000	91151	0	56.107	N.D. #
4)	L1 AR-1016-2	6.063	0.000	35831	0	14.501	N.D. #
5)	L1 AR-1016-3	6.143	0.000	2777	0	1.869	N.D. #
6)	L1 AR-1016-4	6.232	0.000	11829	0	9.504	N.D. #
7)	L1 AR-1016-5	6.575f	0.000	25577	0	22.537	N.D. #
8)	L2 AR-1221-1	4.981	0.000	189837	0	310.451	N.D. #
9)	L2 AR-1221-2	5.104f	0.000	150432	0	331.726	N.D. #
10)	L2 AR-1221-3	5.153f	4.444	11741	260389	8.502	226.404 #
11)	L3 AR-1232-1	5.153f	4.444	11741	260389	10.530	282.428 #
12)	L3 AR-1232-2	5.749	0.000	1641	0	2.929	N.D. #
13)	L3 AR-1232-3	6.063	0.000	35831	0	33.697	N.D. #
14)	L3 AR-1232-4	6.232	0.000	11829	0	21.992	N.D. #
15)	L3 AR-1232-5	6.328	0.000	12207	0	35.971	N.D. #
16)	L4 AR-1242-1	6.032	0.000	91151	0	73.987	N.D. #
17)	L4 AR-1242-2	6.063	0.000	35831	0	18.877	N.D. #
18)	L4 AR-1242-3	6.143	0.000	2777	0	2.421	N.D. #
19)	L4 AR-1242-4	6.232	0.000	11829	0	12.217	N.D. #
20)	L4 AR-1242-5	7.013	6.127	6154	90482	6.436	94.420 #
21)	L5 AR-1248-1	6.032	0.000	91151	0	98.518	N.D. #
22)	L5 AR-1248-2	6.328	0.000	12207	0	10.016	N.D. #
23)	L5 AR-1248-3	6.575f	0.000	25577	0	17.087	N.D. #
24)	L5 AR-1248-4	6.970	0.000	32492	0	20.032	N.D. #
25)	L5 AR-1248-5	7.013	6.165	6154	82992	3.849	62.986 #
26)	L6 AR-1254-1	6.948	6.127	21475	90482	12.930	44.196 #
27)	L6 AR-1254-2	7.172	6.284	66808	34669	26.564	19.741 #
28)	L6 AR-1254-3	7.562	6.704	753640	40033	279.714	13.939 #
29)	L6 AR-1254-4	7.844	6.944	86287	52868	43.805	31.927 #
30)	L6 AR-1254-5	8.270	7.372	298599	142684	143.182	58.988 #
31)	L7 AR-1260-1	7.723	6.839	94817	72323	49.737	37.913
32)	L7 AR-1260-2	7.983	7.052	477302	154191	197.626	67.662 #
33)	L7 AR-1260-3	8.355	7.193	47990	70808	23.809	32.381 #
34)	L7 AR-1260-4	8.574	7.675	396764	97753	192.562	53.496 #
35)	L7 AR-1260-5	8.891	7.923	212534	183073	46.918	42.558
36)	L8 AR-1262-1	8.355	7.478	47990	136954	16.181	121.871 #
37)	L8 AR-1262-2	8.891	7.923	212534	183073	41.955	39.686
39)	L8 AR-1262-4	9.270	8.273	458011	84223	165.782	23.796 #
40)	L8 AR-1262-5	9.895	0.000	33007	0	18.192	N.D. #
42)	L9 AR-1268-2	9.270	8.273	458011	84223	76.032	15.536 #
43)	L9 AR-1268-3	9.489	8.474	135170	146855	25.251	30.929

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Volume Inj. : 2 µl
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 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
44) L9	AR-1268-4	9.895	0.000	33007	0	16.094	N.D. #
45) L9	AR-1268-5	0.000	9.023f	0	147854	N.D.	10.212 #

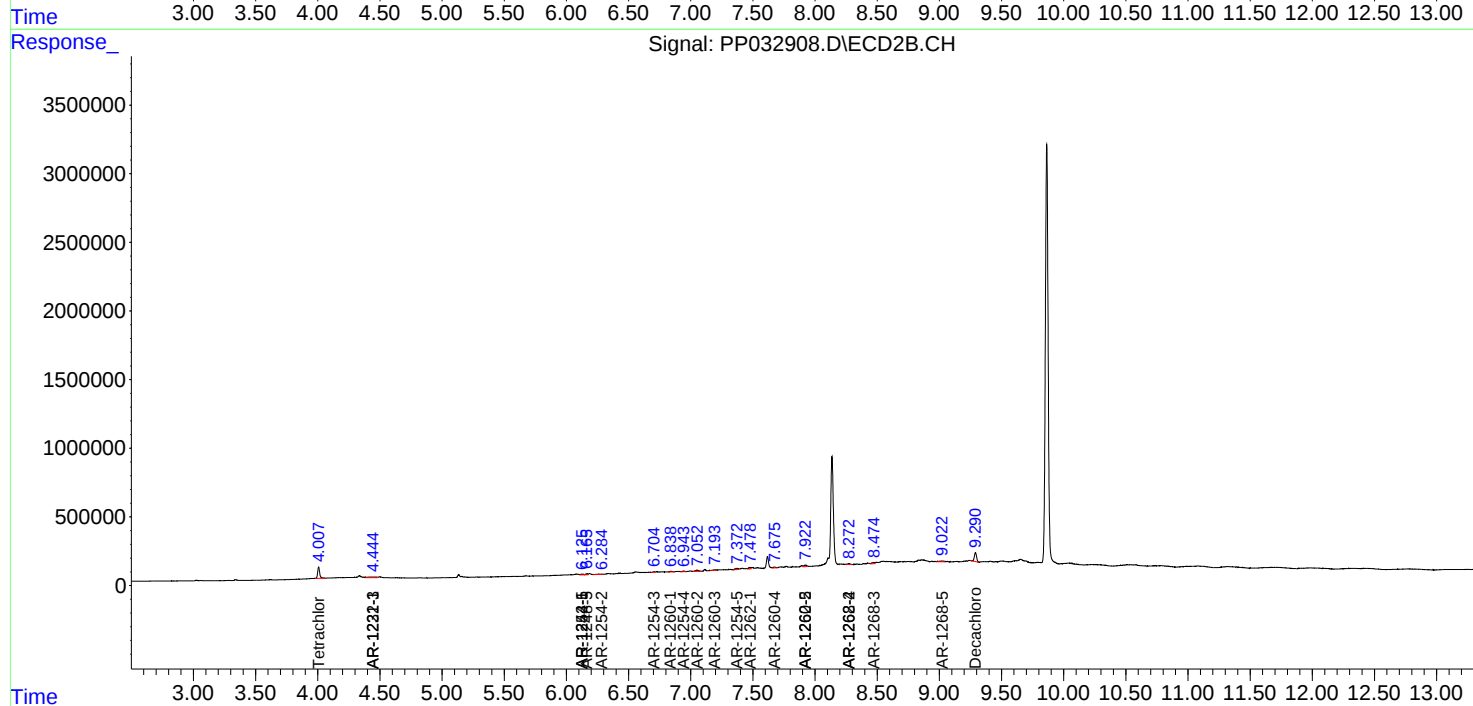
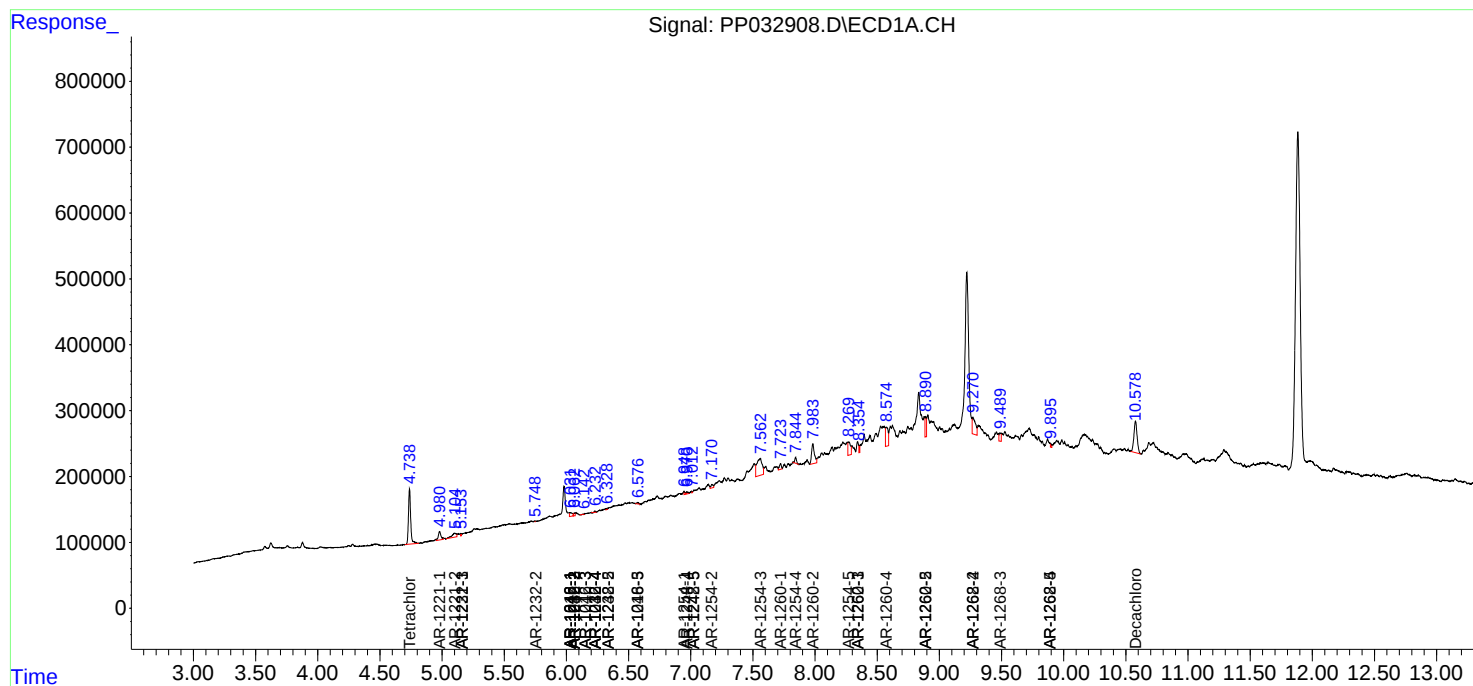
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

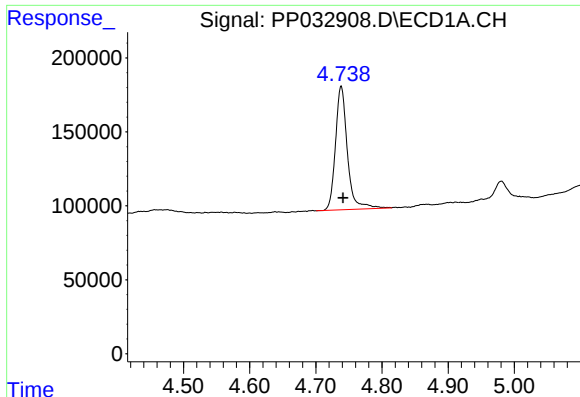
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012221\
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Operator : DD\AJ
Sample : M1189-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ECD_P
ClientSampled :

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Integration File signal 2: autoint2.e
Quant Time: Jan 23 00:41:38 2021
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

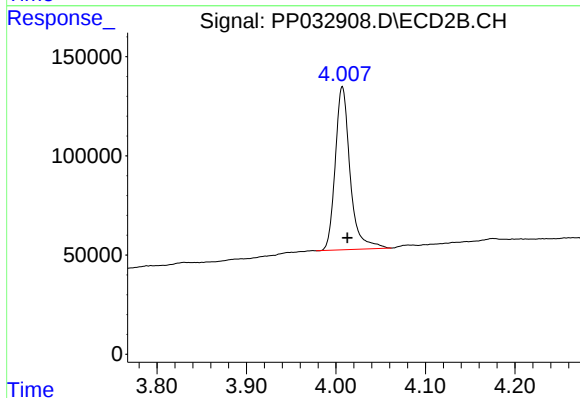




#1 Tetrachloro-m-xylene

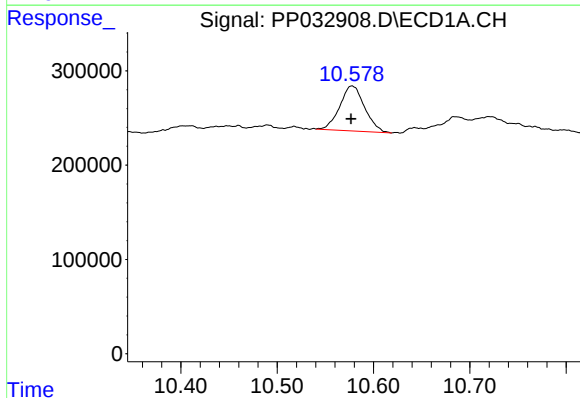
R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 1045289
Conc: 18.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



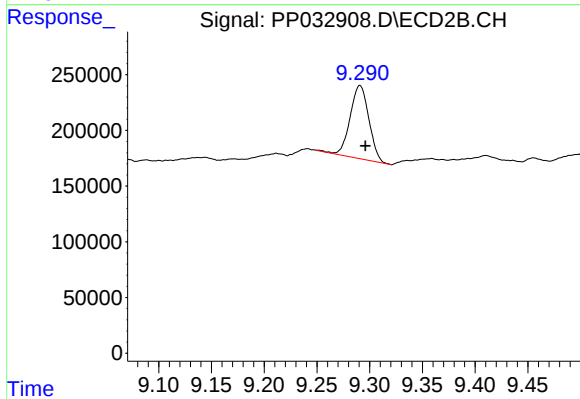
#1 Tetrachloro-m-xylene

R.T.: 4.007 min
Delta R.T.: -0.006 min
Response: 945575
Conc: 20.10 ng/ml



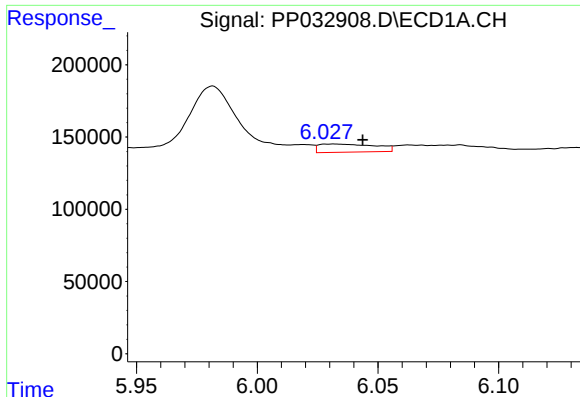
#2 Decachlorobiphenyl

R.T.: 10.578 min
Delta R.T.: 0.001 min
Response: 855100
Conc: 21.67 ng/ml



#2 Decachlorobiphenyl

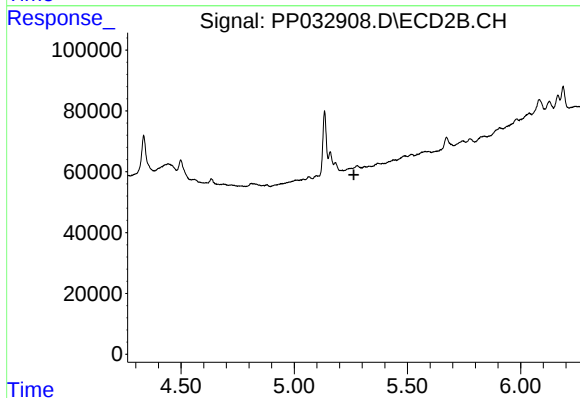
R.T.: 9.291 min
Delta R.T.: -0.005 min
Response: 814438
Conc: 21.74 ng/ml



#3 AR-1016-1

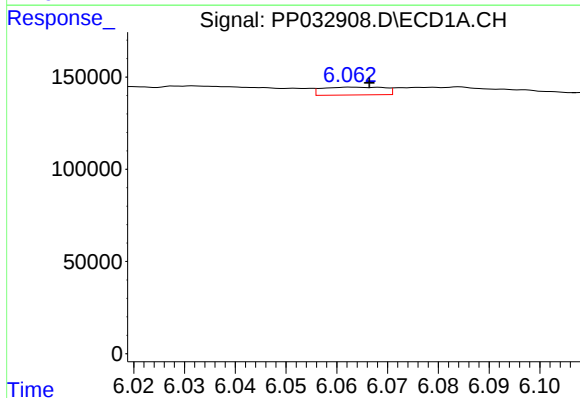
R.T.: 6.032 min
Delta R.T.: -0.012 min
Response: 91151
Conc: 56.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



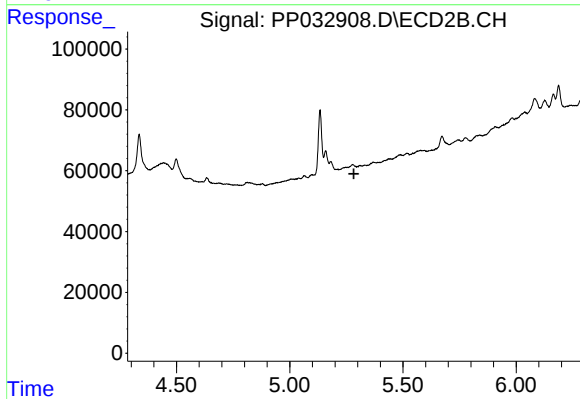
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.263 min
Response: 0
Conc: N.D.



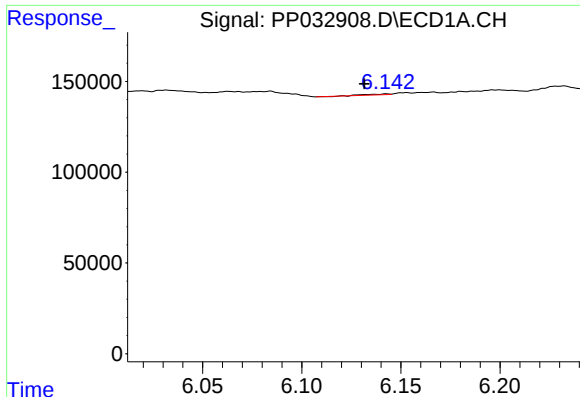
#4 AR-1016-2

R.T.: 6.063 min
Delta R.T.: -0.004 min
Response: 35831
Conc: 14.50 ng/ml



#4 AR-1016-2

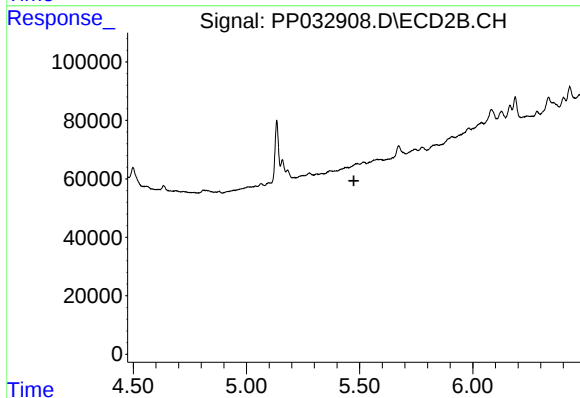
R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



#5 AR-1016-3

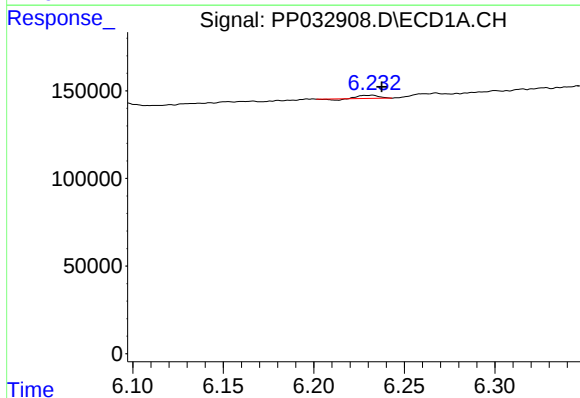
R.T.: 6.143 min
Delta R.T.: 0.011 min
Response: 2777
Conc: 1.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



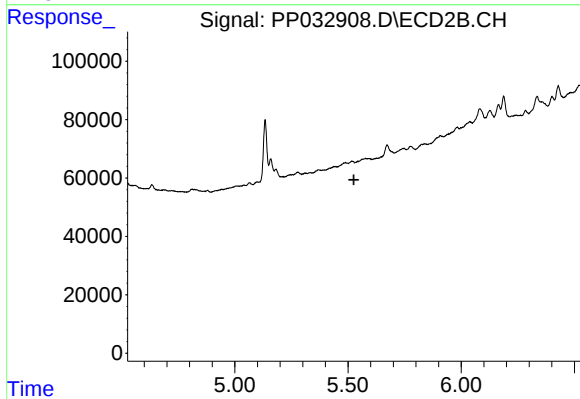
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



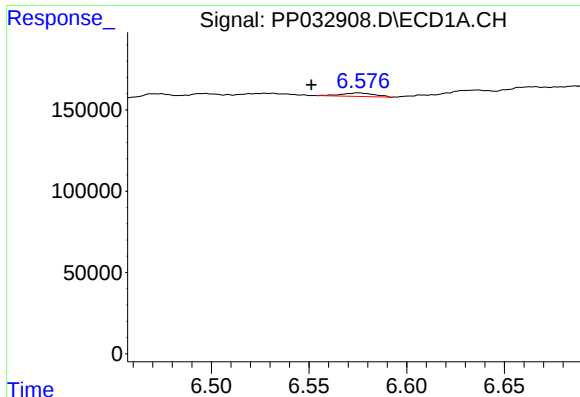
#6 AR-1016-4

R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 11829
Conc: 9.50 ng/ml



#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.526 min
Response: 0
Conc: N.D.



#7 AR-1016-5

R.T.: 6.575 min
Delta R.T.: 0.024 min
Response: 25577
Conc: 22.54 ng/ml

Instrument :
ECD_P
ClientSampleId :

#7 AR-1016-5

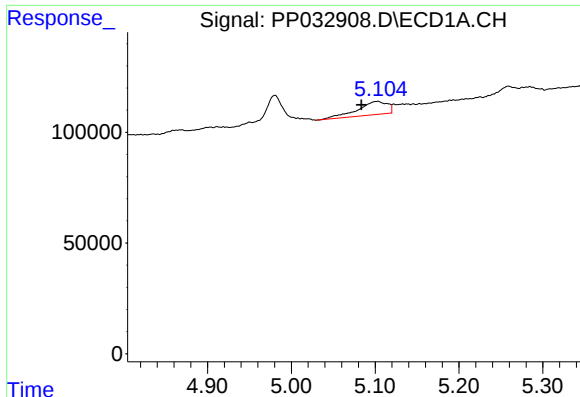
R.T.: 0.000 min
Exp R.T. : 5.754 min
Response: 0
Conc: N.D.

#8 AR-1221-1

R.T.: 4.981 min
Delta R.T.: -0.006 min
Response: 189837
Conc: 310.45 ng/ml

#8 AR-1221-1

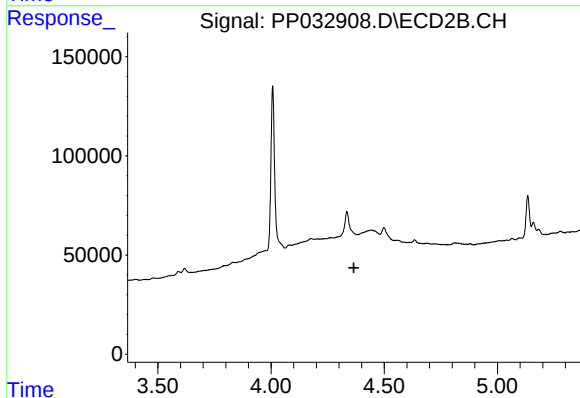
R.T.: 0.000 min
Exp R.T. : 4.266 min
Response: 0
Conc: N.D.



#9 AR-1221-2

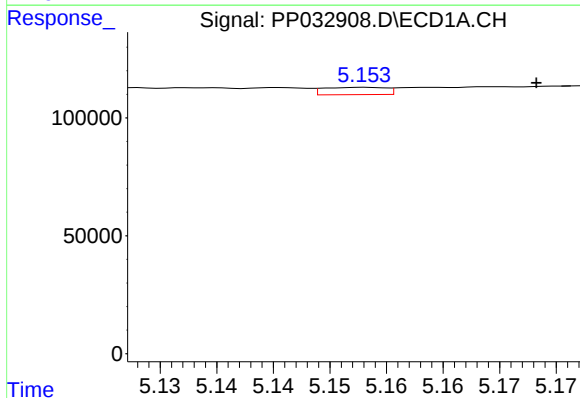
R.T.: 5.104 min
Delta R.T.: 0.020 min
Response: 150432
Conc: 331.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



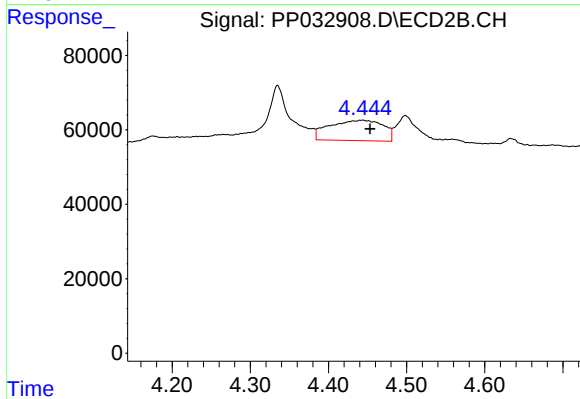
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



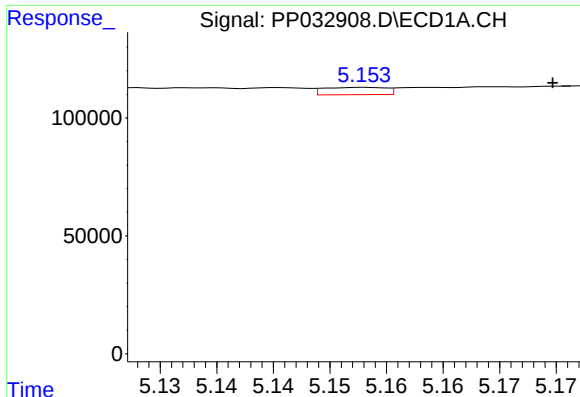
#10 AR-1221-3

R.T.: 5.153 min
Delta R.T.: -0.015 min
Response: 11741
Conc: 8.50 ng/ml



#10 AR-1221-3

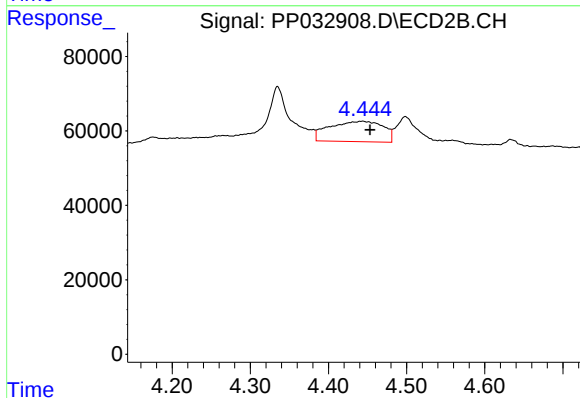
R.T.: 4.444 min
Delta R.T.: -0.010 min
Response: 260389
Conc: 226.40 ng/ml



#11 AR-1232-1

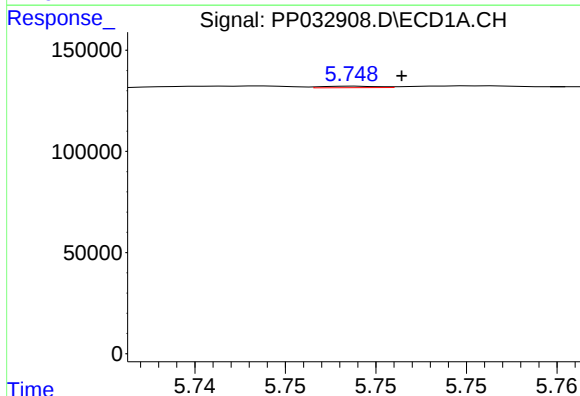
R.T.: 5.153 min
Delta R.T.: -0.017 min
Response: 11741
Conc: 10.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



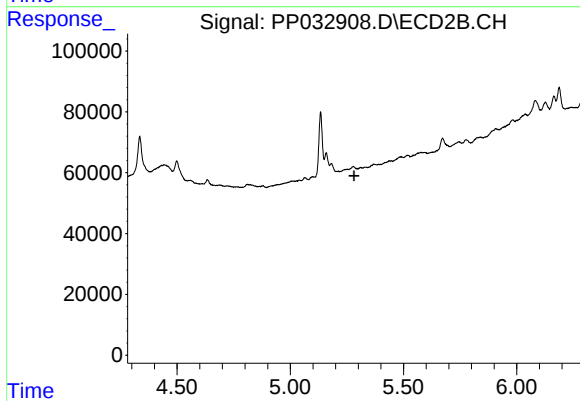
#11 AR-1232-1

R.T.: 4.444 min
Delta R.T.: -0.010 min
Response: 260389
Conc: 282.43 ng/ml



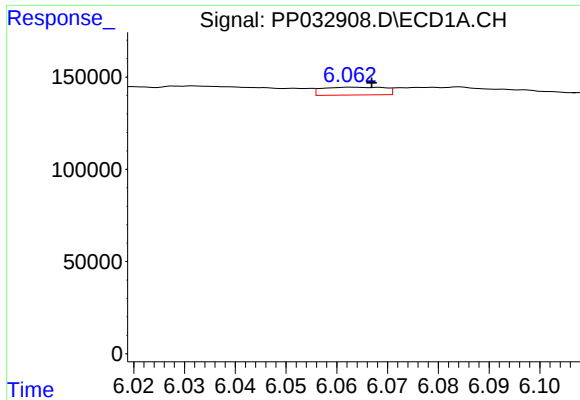
#12 AR-1232-2

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 1641
Conc: 2.93 ng/ml



#12 AR-1232-2

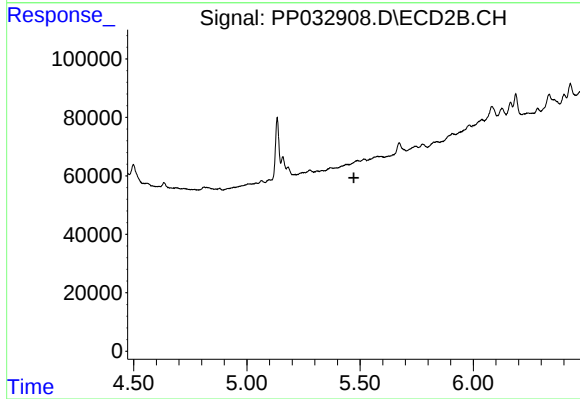
R.T.: 0.000 min
Exp R.T.: 5.281 min
Response: 0
Conc: N.D.



#13 AR-1232-3

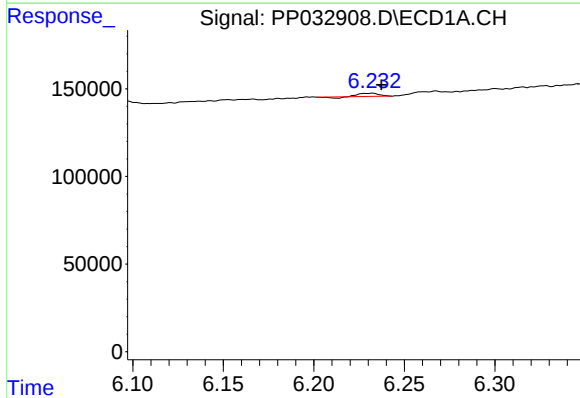
R.T.: 6.063 min
Delta R.T.: -0.004 min
Response: 35831
Conc: 33.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



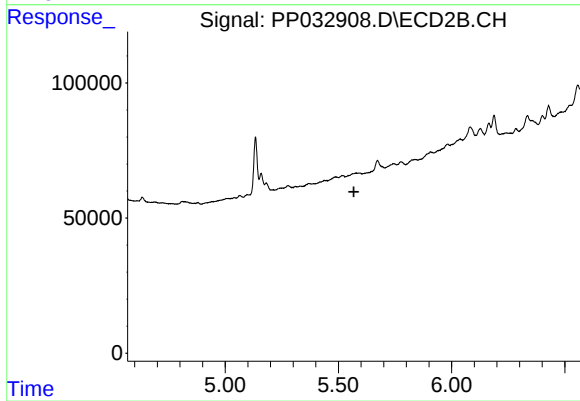
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.472 min
Response: 0
Conc: N.D.



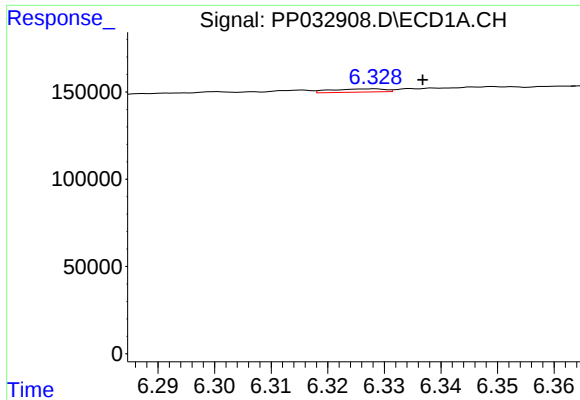
#14 AR-1232-4

R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 11829
Conc: 21.99 ng/ml



#14 AR-1232-4

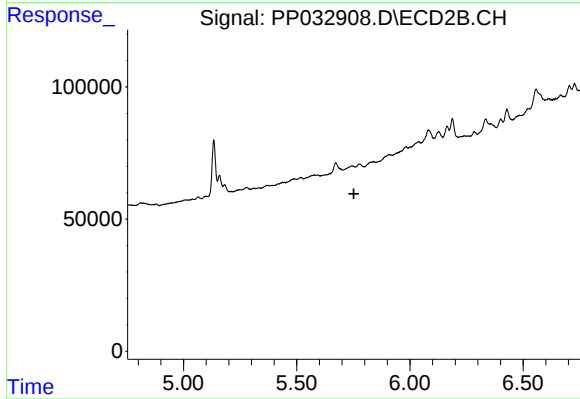
R.T.: 0.000 min
Exp R.T. : 5.568 min
Response: 0
Conc: N.D.



#15 AR-1232-5

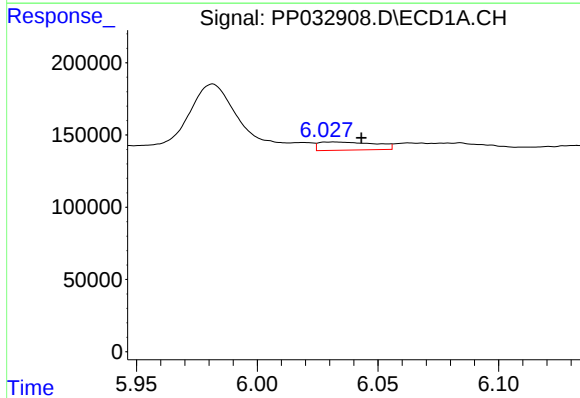
R.T.: 6.328 min
Delta R.T.: -0.008 min
Response: 12207
Conc: 35.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



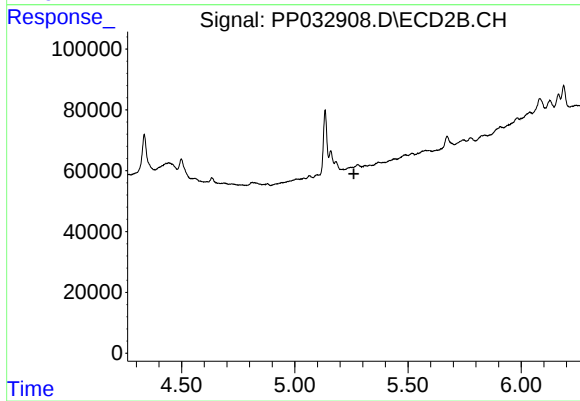
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.752 min
Response: 0
Conc: N.D.



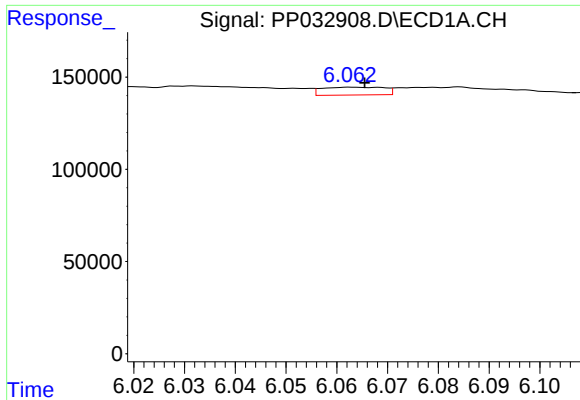
#16 AR-1242-1

R.T.: 6.032 min
Delta R.T.: -0.011 min
Response: 91151
Conc: 73.99 ng/ml



#16 AR-1242-1

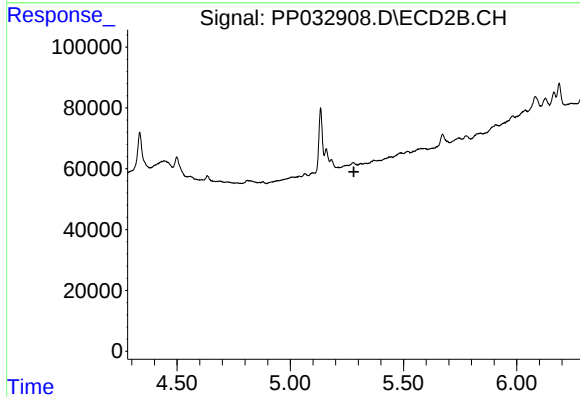
R.T.: 0.000 min
Exp R.T. : 5.261 min
Response: 0
Conc: N.D.



#17 AR-1242-2

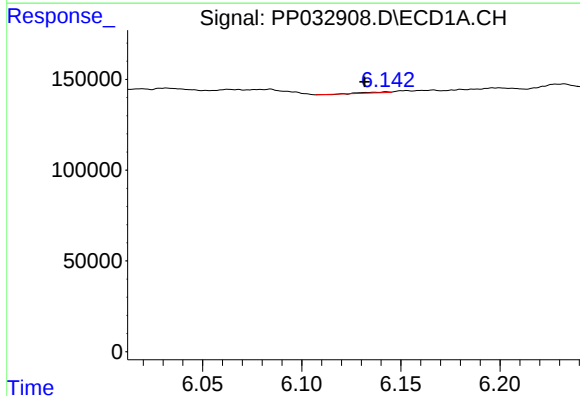
R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 35831
Conc: 18.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



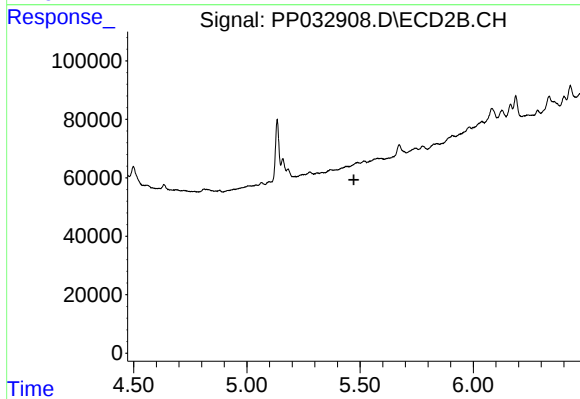
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.281 min
Response: 0
Conc: N.D.



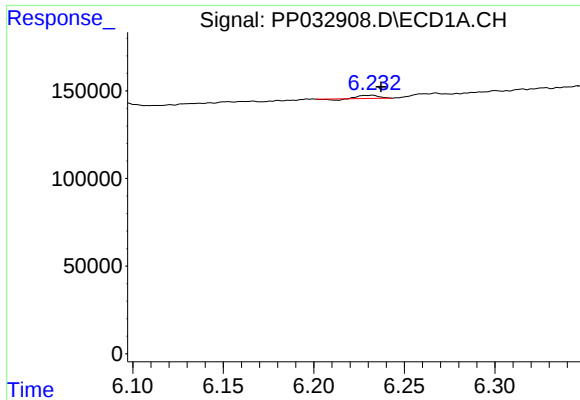
#18 AR-1242-3

R.T.: 6.143 min
Delta R.T.: 0.011 min
Response: 2777
Conc: 2.42 ng/ml



#18 AR-1242-3

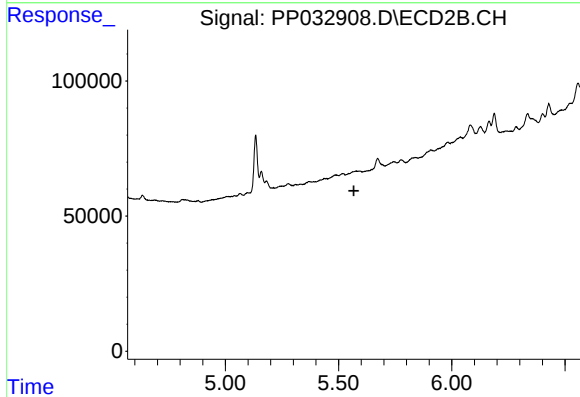
R.T.: 0.000 min
Exp R.T. : 5.472 min
Response: 0
Conc: N.D.



#19 AR-1242-4

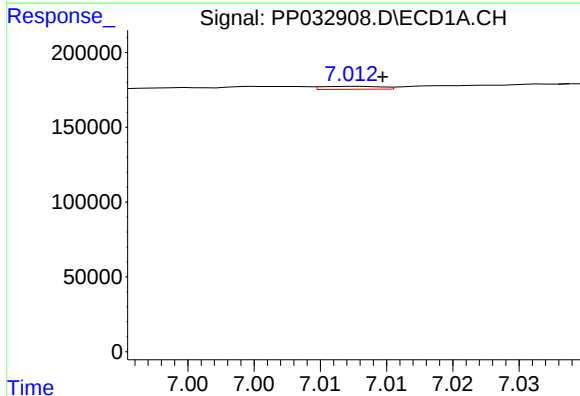
R.T.: 6.232 min
Delta R.T.: -0.005 min
Response: 11829
Conc: 12.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



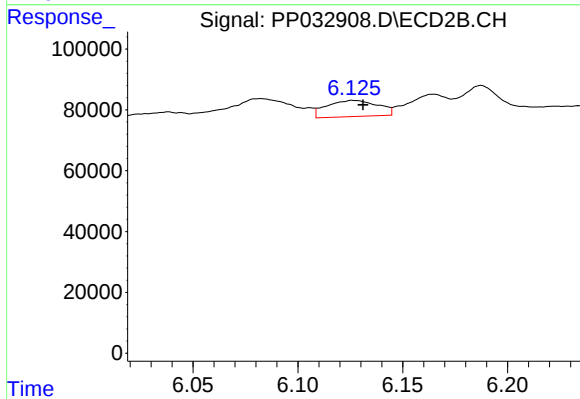
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.568 min
Response: 0
Conc: N.D.



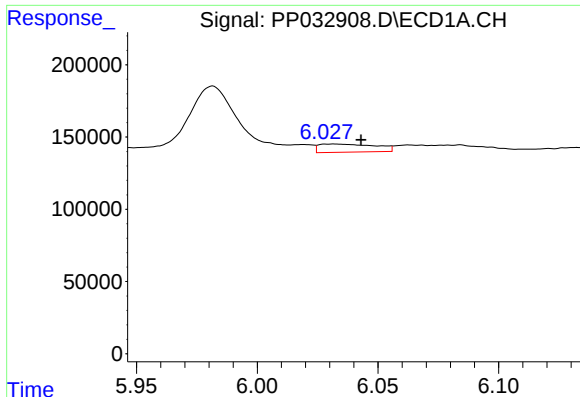
#20 AR-1242-5

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 6154
Conc: 6.44 ng/ml



#20 AR-1242-5

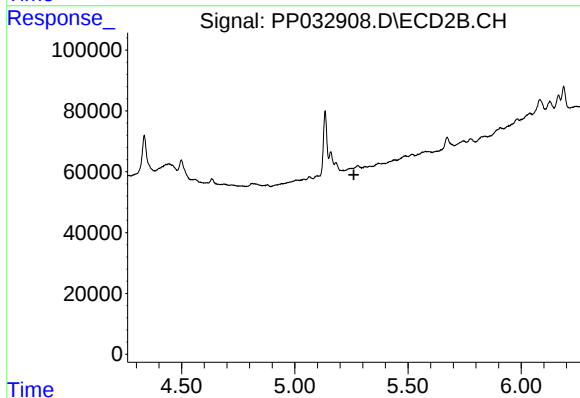
R.T.: 6.127 min
Delta R.T.: -0.005 min
Response: 90482
Conc: 94.42 ng/ml



#21 AR-1248-1

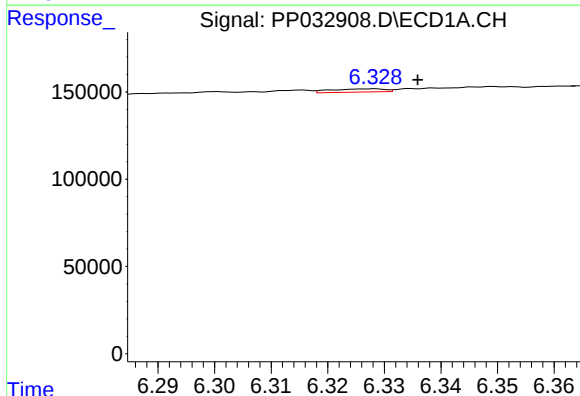
R.T.: 6.032 min
Delta R.T.: -0.011 min
Response: 91151
Conc: 98.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



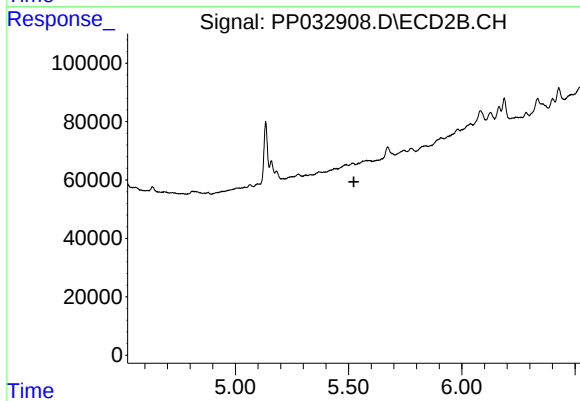
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.261 min
Response: 0
Conc: N.D.



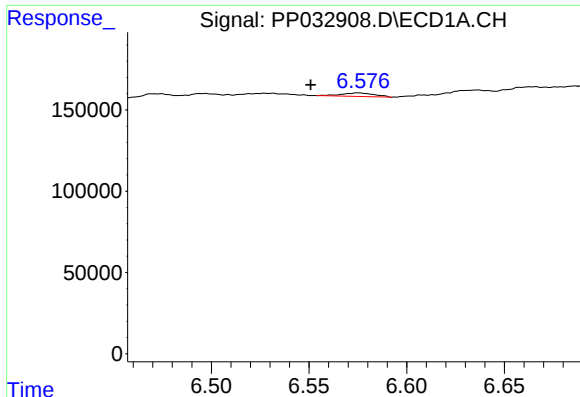
#22 AR-1248-2

R.T.: 6.328 min
Delta R.T.: -0.008 min
Response: 12207
Conc: 10.02 ng/ml



#22 AR-1248-2

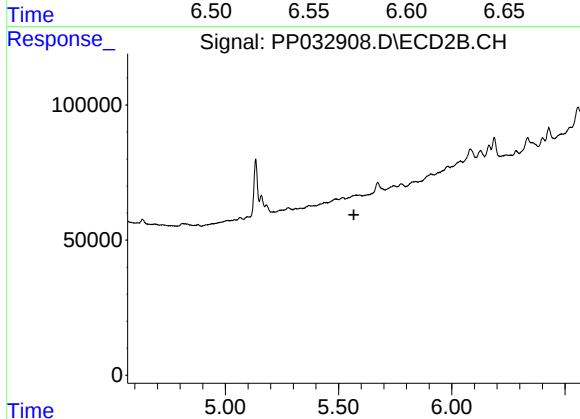
R.T.: 0.000 min
Exp R.T. : 5.523 min
Response: 0
Conc: N.D.



#23 AR-1248-3

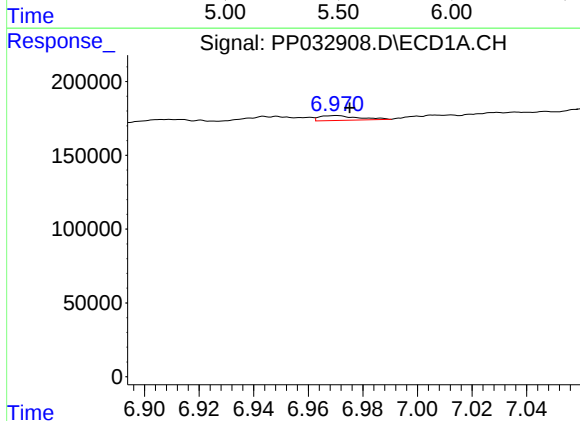
R.T.: 6.575 min
Delta R.T.: 0.024 min
Response: 25577
Conc: 17.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



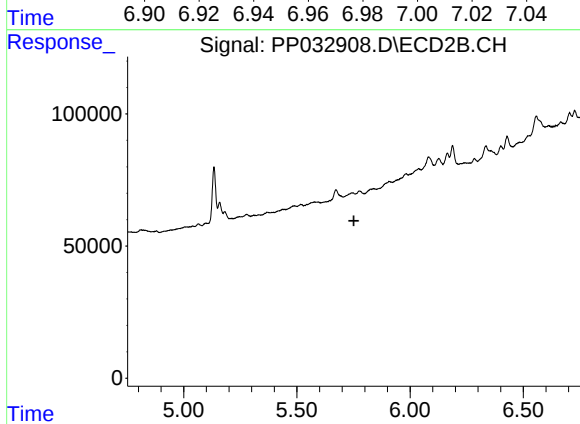
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.



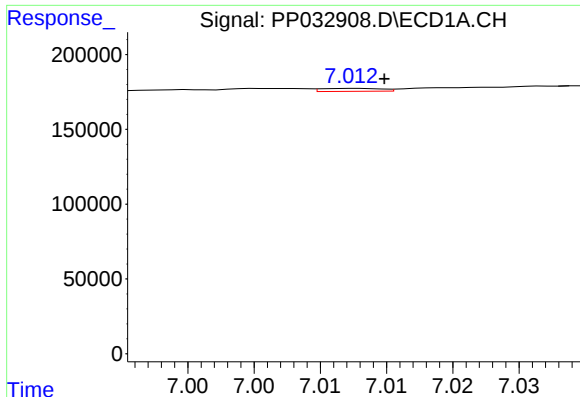
#24 AR-1248-4

R.T.: 6.970 min
Delta R.T.: -0.005 min
Response: 32492
Conc: 20.03 ng/ml



#24 AR-1248-4

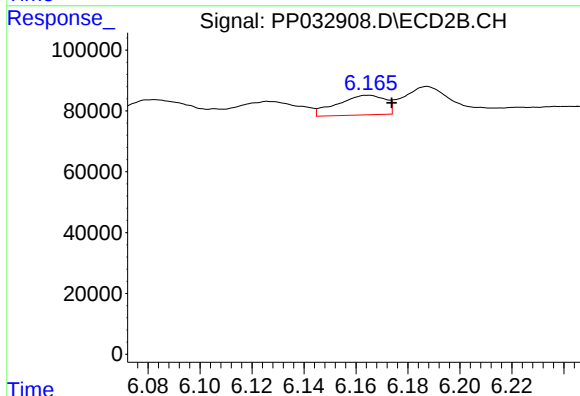
R.T.: 0.000 min
Exp R.T. : 5.752 min
Response: 0
Conc: N.D.



#25 AR-1248-5

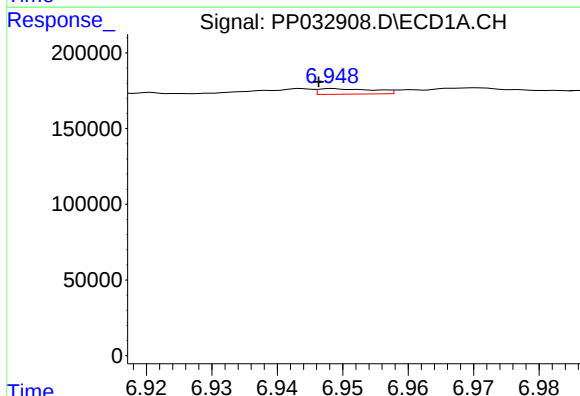
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 6154
Conc: 3.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



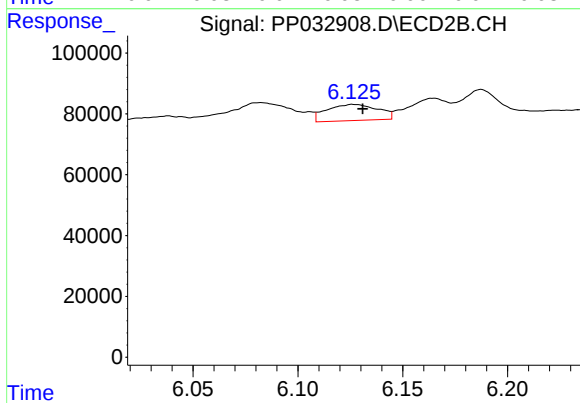
#25 AR-1248-5

R.T.: 6.165 min
Delta R.T.: -0.009 min
Response: 82992
Conc: 62.99 ng/ml



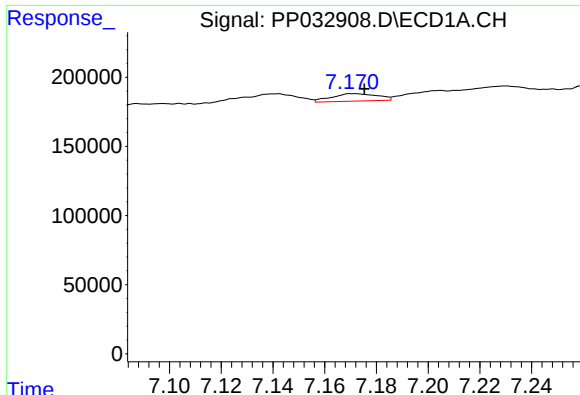
#26 AR-1254-1

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 21475
Conc: 12.93 ng/ml



#26 AR-1254-1

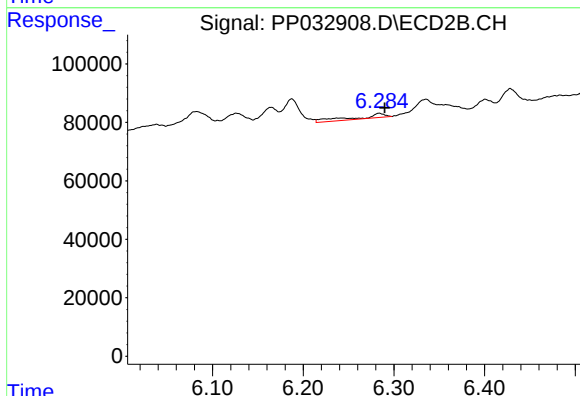
R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 90482
Conc: 44.20 ng/ml



#27 AR-1254-2

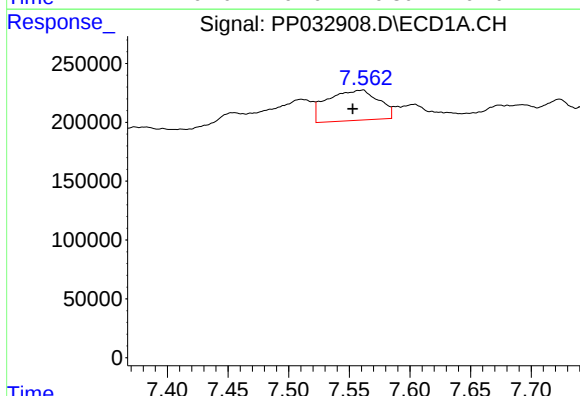
R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 66808
Conc: 26.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



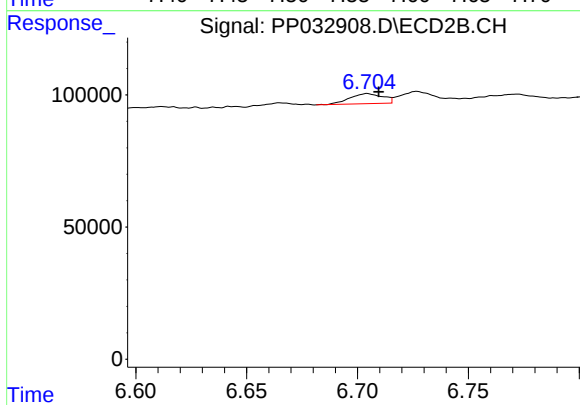
#27 AR-1254-2

R.T.: 6.284 min
Delta R.T.: -0.006 min
Response: 34669
Conc: 19.74 ng/ml



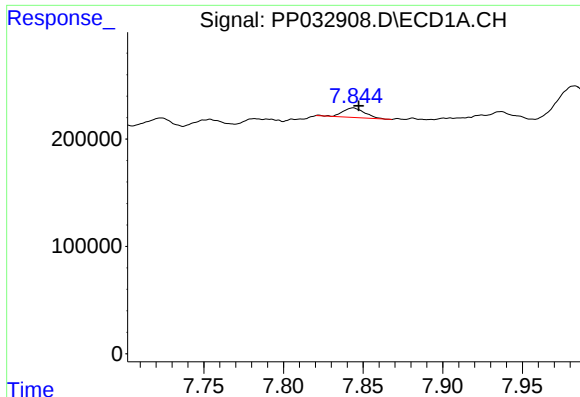
#28 AR-1254-3

R.T.: 7.562 min
Delta R.T.: 0.009 min
Response: 753640
Conc: 279.71 ng/ml



#28 AR-1254-3

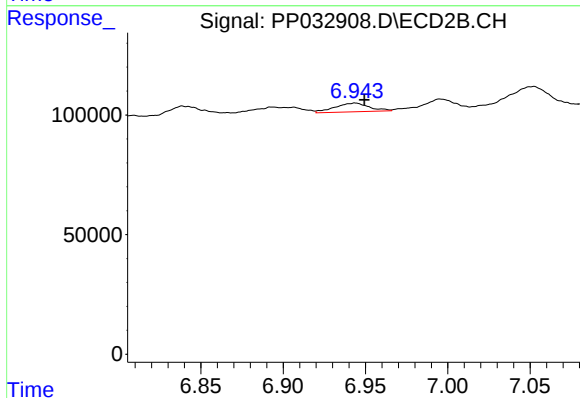
R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 40033
Conc: 13.94 ng/ml



#29 AR-1254-4

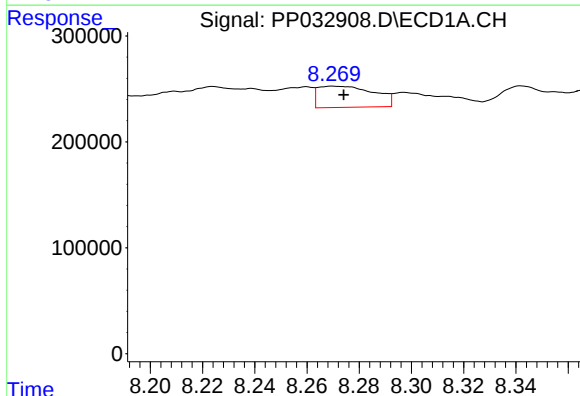
R.T.: 7.844 min
Delta R.T.: -0.003 min
Response: 86287
Conc: 43.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



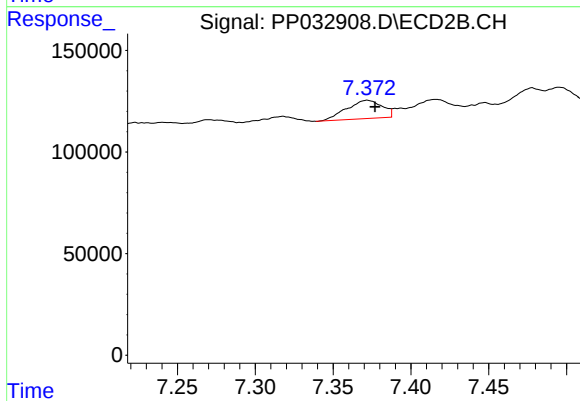
#29 AR-1254-4

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 52868
Conc: 31.93 ng/ml



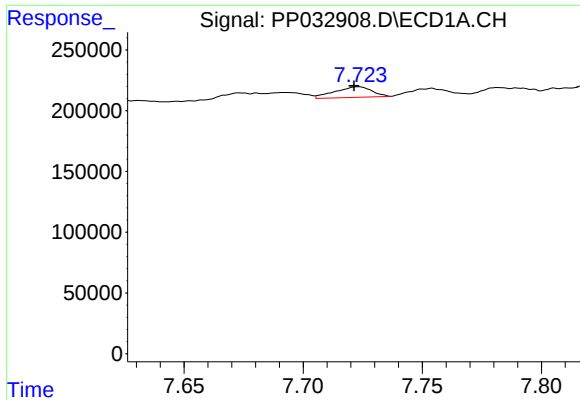
#30 AR-1254-5

R.T.: 8.270 min
Delta R.T.: -0.004 min
Response: 298599
Conc: 143.18 ng/ml



#30 AR-1254-5

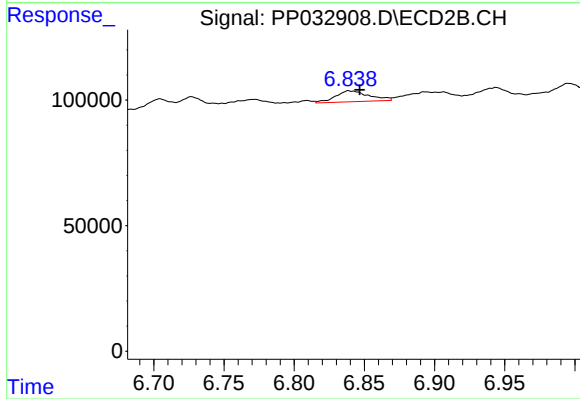
R.T.: 7.372 min
Delta R.T.: -0.005 min
Response: 142684
Conc: 58.99 ng/ml



#31 AR-1260-1

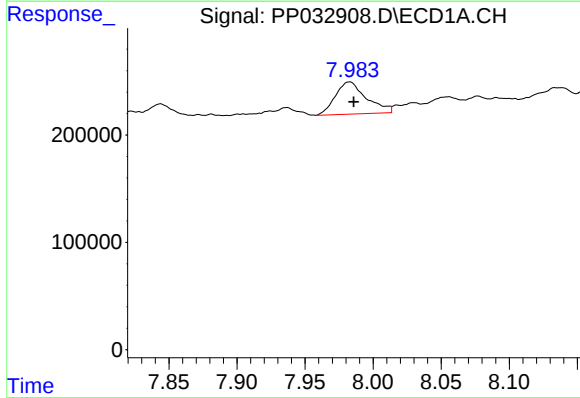
R.T.: 7.723 min
Delta R.T.: 0.002 min
Response: 94817
Conc: 49.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



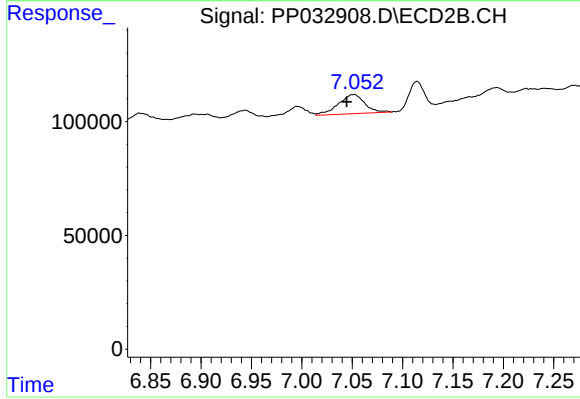
#31 AR-1260-1

R.T.: 6.839 min
Delta R.T.: -0.007 min
Response: 72323
Conc: 37.91 ng/ml



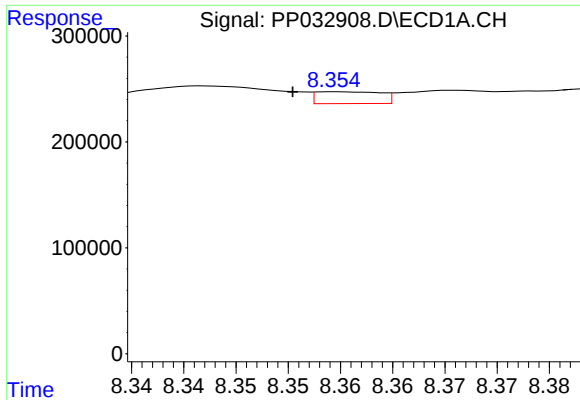
#32 AR-1260-2

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 477302
Conc: 197.63 ng/ml



#32 AR-1260-2

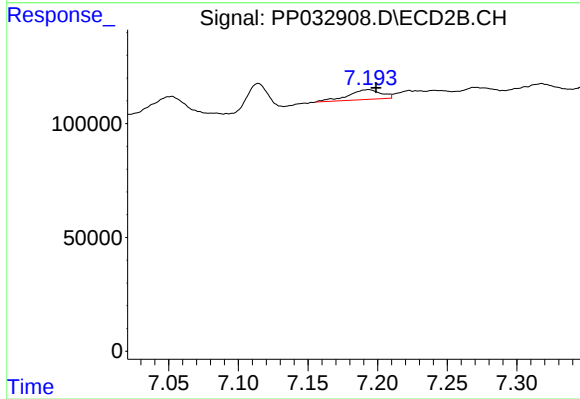
R.T.: 7.052 min
Delta R.T.: 0.007 min
Response: 154191
Conc: 67.66 ng/ml



#33 AR-1260-3

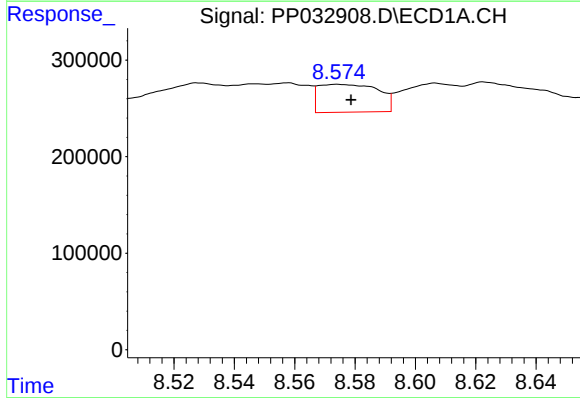
R.T.: 8.355 min
Delta R.T.: 0.004 min
Response: 47990
Conc: 23.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



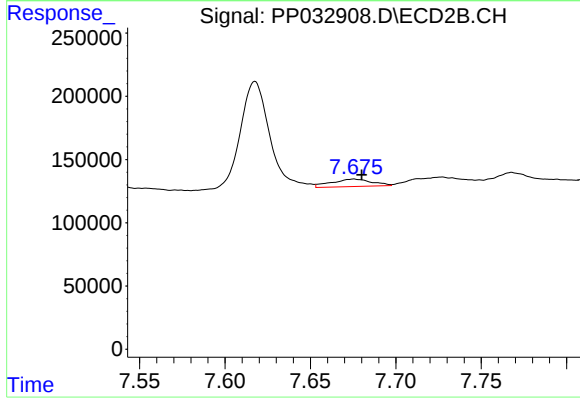
#33 AR-1260-3

R.T.: 7.193 min
Delta R.T.: -0.006 min
Response: 70808
Conc: 32.38 ng/ml



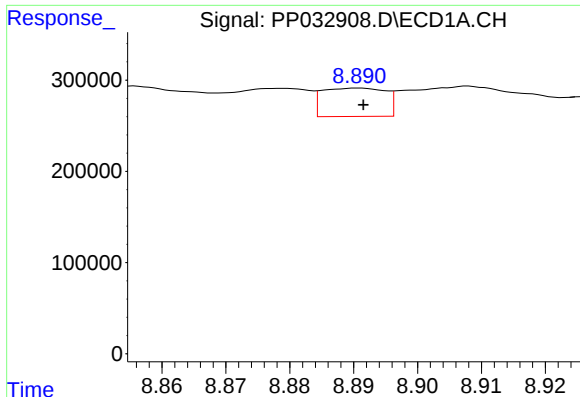
#34 AR-1260-4

R.T.: 8.574 min
Delta R.T.: -0.005 min
Response: 396764
Conc: 192.56 ng/ml



#34 AR-1260-4

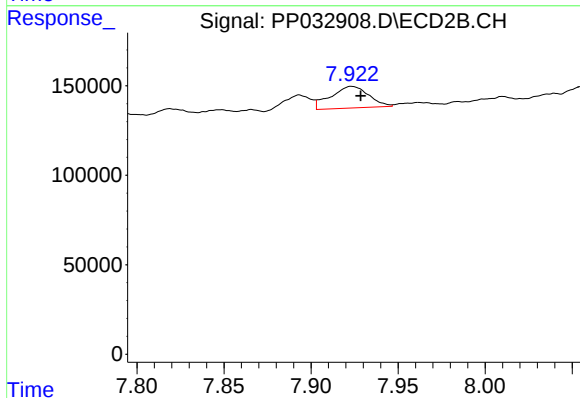
R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 97753
Conc: 53.50 ng/ml



#35 AR-1260-5

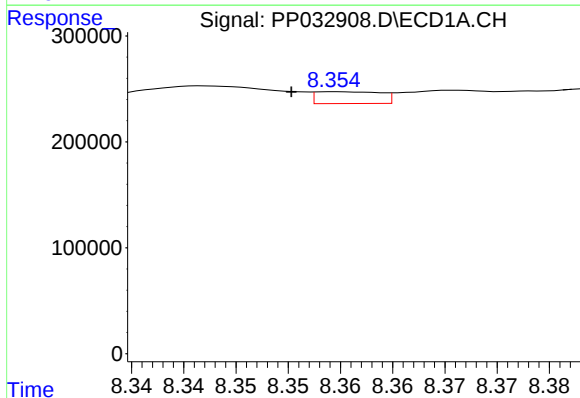
R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 212534
Conc: 46.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



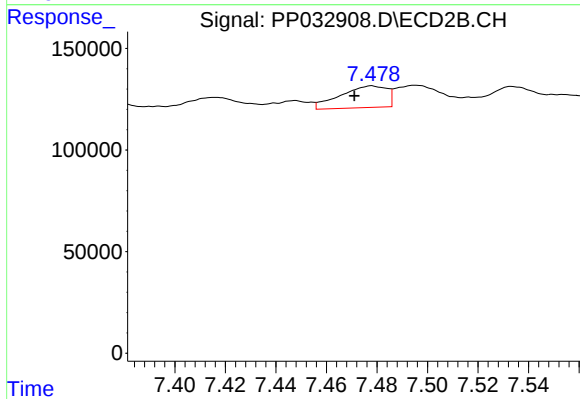
#35 AR-1260-5

R.T.: 7.923 min
Delta R.T.: -0.005 min
Response: 183073
Conc: 42.56 ng/ml



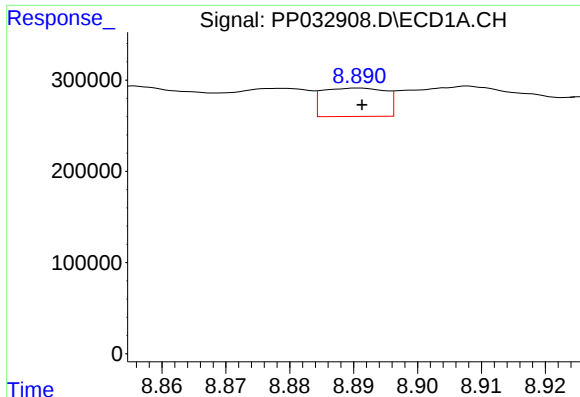
#36 AR-1262-1

R.T.: 8.355 min
Delta R.T.: 0.004 min
Response: 47990
Conc: 16.18 ng/ml



#36 AR-1262-1

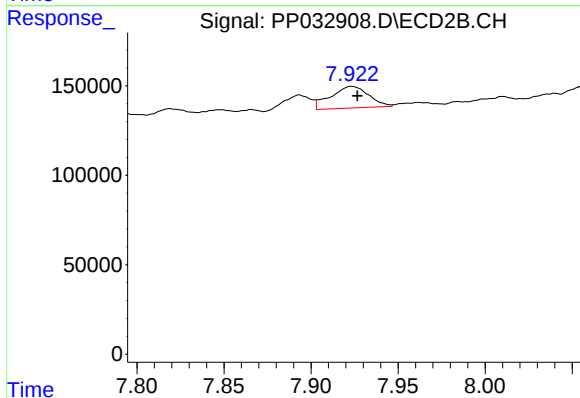
R.T.: 7.478 min
Delta R.T.: 0.007 min
Response: 136954
Conc: 121.87 ng/ml



#37 AR-1262-2

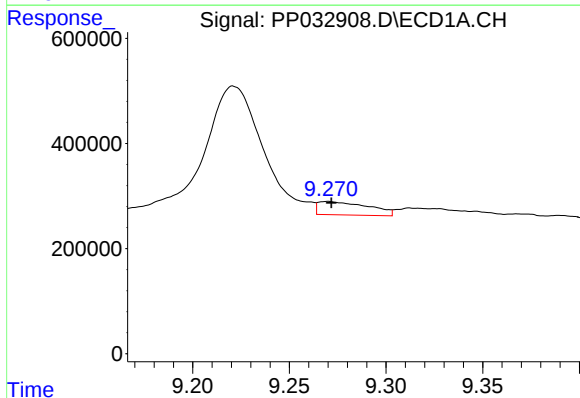
R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 212534
Conc: 41.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



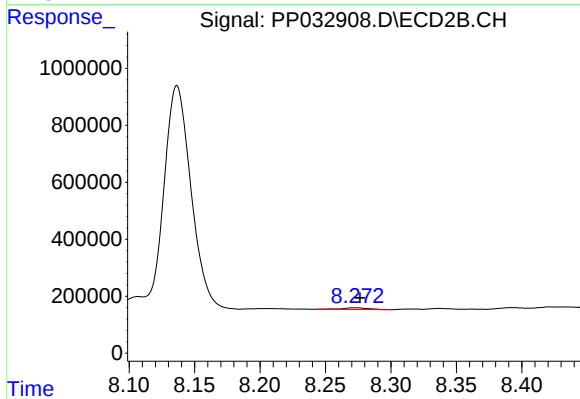
#37 AR-1262-2

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 183073
Conc: 39.69 ng/ml



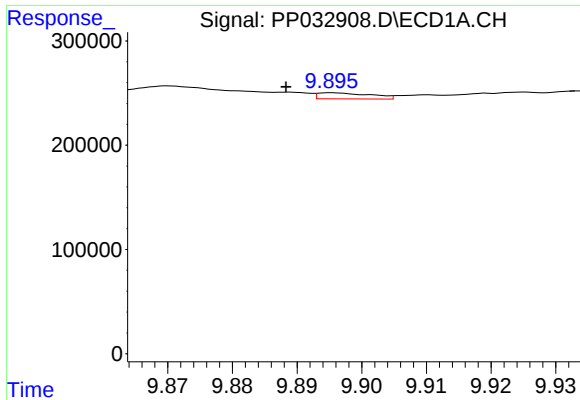
#39 AR-1262-4

R.T.: 9.270 min
Delta R.T.: -0.001 min
Response: 458011
Conc: 165.78 ng/ml



#39 AR-1262-4

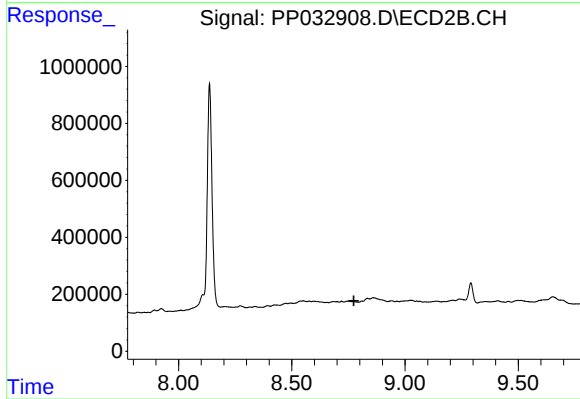
R.T.: 8.273 min
Delta R.T.: -0.003 min
Response: 84223
Conc: 23.80 ng/ml



#40 AR-1262-5

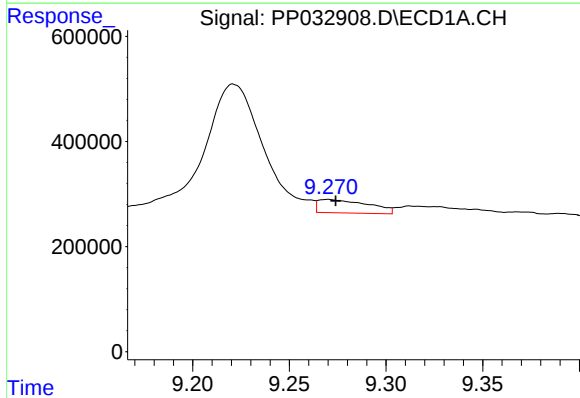
R.T.: 9.895 min
Delta R.T.: 0.007 min
Response: 33007
Conc: 18.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



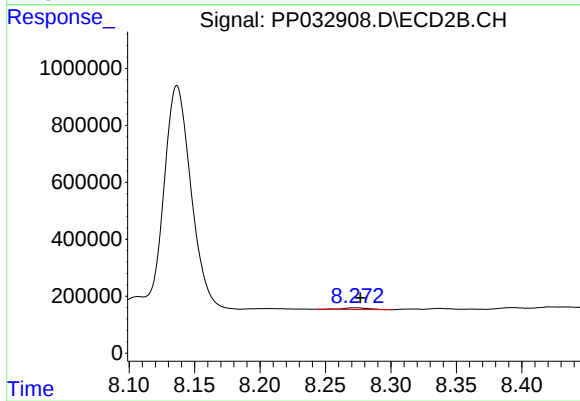
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.774 min
Response: 0
Conc: N.D.



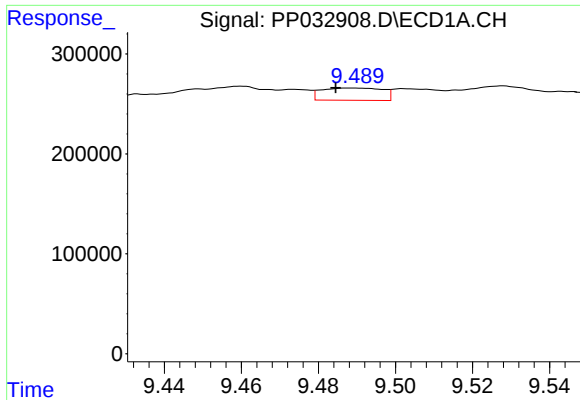
#42 AR-1268-2

R.T.: 9.270 min
Delta R.T.: -0.004 min
Response: 458011
Conc: 76.03 ng/ml



#42 AR-1268-2

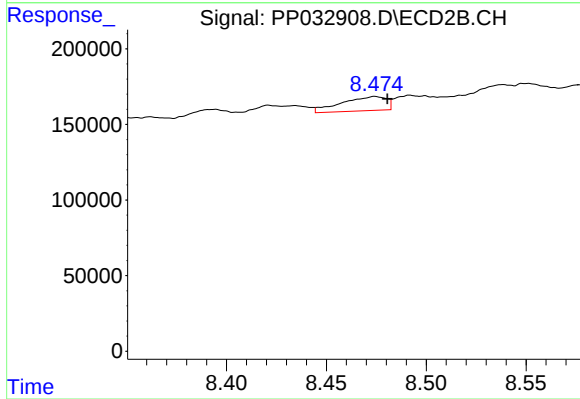
R.T.: 8.273 min
Delta R.T.: -0.004 min
Response: 84223
Conc: 15.54 ng/ml



#43 AR-1268-3

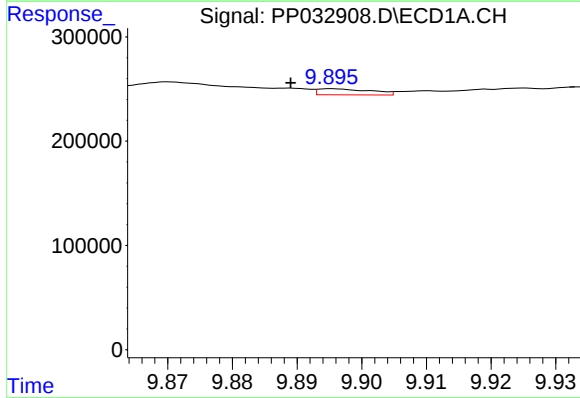
R.T.: 9.489 min
Delta R.T.: 0.005 min
Response: 135170
Conc: 25.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



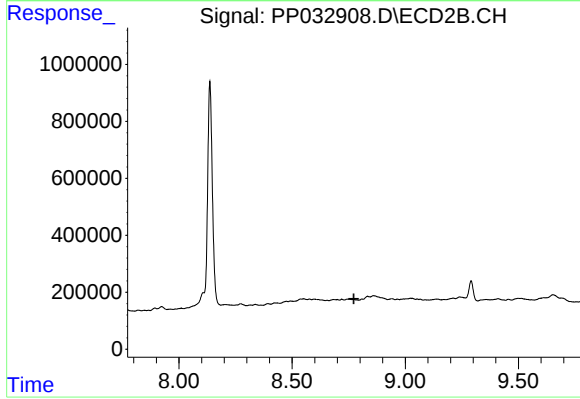
#43 AR-1268-3

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 146855
Conc: 30.93 ng/ml



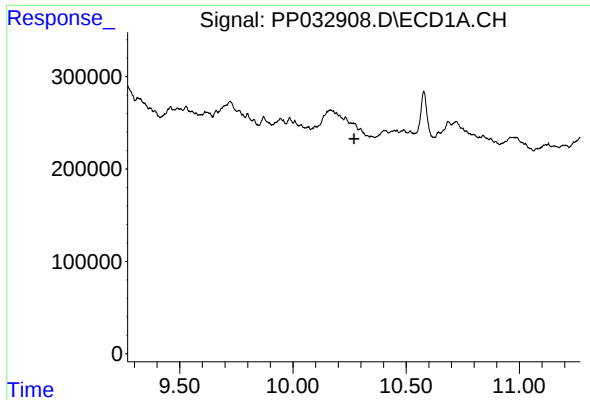
#44 AR-1268-4

R.T.: 9.895 min
Delta R.T.: 0.006 min
Response: 33007
Conc: 16.09 ng/ml



#44 AR-1268-4

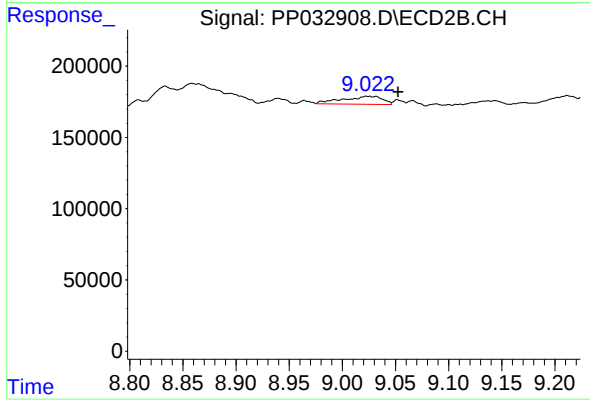
R.T.: 0.000 min
Exp R.T.: 8.773 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.023 min
Delta R.T.: -0.029 min
Response: 147854
Conc: 10.21 ng/ml