

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100721\
 Data File : PP039887.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2021 3:22
 Operator : AJ\MA
 Sample : M4131-04MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 05:21:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 08 04:46:38 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...	4.898	3.985	522893	562955	17.175	33.677 #
2)	SA Decachlor...	10.919	9.316	547652	543536	24.360	24.230
Target Compounds							
3)	L1 AR-1016-1	6.220	5.250	7495711	180225	7274.754	266.418 #
4)	L1 AR-1016-2	6.241	5.272	13118642	289828	8787.784	313.270 #
5)	L1 AR-1016-3	6.305	5.468	7391636	188016	7934.185	360.760 #
6)	L1 AR-1016-4	0.000	5.520	0	450270	N.D.	1040.008 #
7)	L1 AR-1016-5	0.000	5.760	0	879615	N.D.	1677.285 #
8)	L2 AR-1221-1	5.145	4.245	2045321	44946	5902.122	212.015 #
10)	L2 AR-1221-3	5.343	4.436	20143724	105796	24190.360	197.588 #
11)	L3 AR-1232-1	5.343	4.436	20143724	105796	32599.578	264.207 #
12)	L3 AR-1232-2	5.939f	5.272	27105632	289828	79365.130	732.016 #
13)	L3 AR-1232-3	6.241	5.468	13118642	188016	20651.865	840.895 #
14)	L3 AR-1232-4	0.000	5.564	0	353178	N.D.	1505.427 #
15)	L3 AR-1232-5	0.000	5.760	0	879615	N.D.	4044.480 #
16)	L4 AR-1242-1	6.220	5.250	7495711	180225	9755.878	351.526 #
17)	L4 AR-1242-2	6.241	5.272	13118642	289828	11828.606	415.814 #
18)	L4 AR-1242-3	6.305	5.468	7391636	188016	10676.756	480.346 #
19)	L4 AR-1242-4	0.000	5.564	0	353178	N.D.	878.664 #
20)	L4 AR-1242-5	0.000	6.122	0	19354926	N.D.	38933.866 #
21)	L5 AR-1248-1	6.220	5.250	7495711	180225	12200.324	437.548 #
22)	L5 AR-1248-2	0.000	5.520	0	450270	N.D.	767.706 #
23)	L5 AR-1248-3	0.000	5.564	0	353178	N.D.	562.582 #
24)	L5 AR-1248-4	0.000	5.760	0	879615	N.D.	1284.194 #
26)	L6 AR-1254-1	7.131	6.122	199870	19354926	194.061	19639.517 #
27)	L6 AR-1254-2	7.362	0.000	375784	0	233.781	N.D. #
28)	L6 AR-1254-3	7.745	6.710	466934	465599	275.393	331.493
29)	L6 AR-1254-4	8.041	6.949	281022	264748	231.286	300.306 #
30)	L6 AR-1254-5	8.470	7.381	1002833	952547	788.385	711.201
31)	L7 AR-1260-1	7.911	6.847	529224	639570	401.479	609.112 #
32)	L7 AR-1260-2	8.177	7.045	977795	709147	609.546	561.196
33)	L7 AR-1260-3	8.543	7.201	574137	689633	587.935	520.113
34)	L7 AR-1260-4	8.773	7.686	804886	477037	722.791	514.160 #
35)	L7 AR-1260-5	9.099	7.934	922486	1145362	452.971	548.792
36)	L8 AR-1262-1	8.543	7.381	574137	952547	407.296	1324.027 #
37)	L8 AR-1262-2	9.099	7.934	922486	1145362	385.824	495.957 #
38)	L8 AR-1262-3	9.431f	8.222	598638	214103	531.391	208.779 #
39)	L8 AR-1262-4	9.501	8.285	209398	628605	292.941	345.791
40)	L8 AR-1262-5	10.169	8.784	196227	192799	219.342	210.024
41)	L9 AR-1268-1	9.431f	8.222	598638	214103	203.472	73.321 #
42)	L9 AR-1268-2	9.501	8.285	209398	628605	75.540	235.535 #
43)	L9 AR-1268-3	0.000	8.495	0	57327	N.D.	24.478 #

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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	10.169	8.784	196227	192799	195.713	188.807
45) L9	AR-1268-5	10.584	9.069	66166	102936	8.320	13.861 #

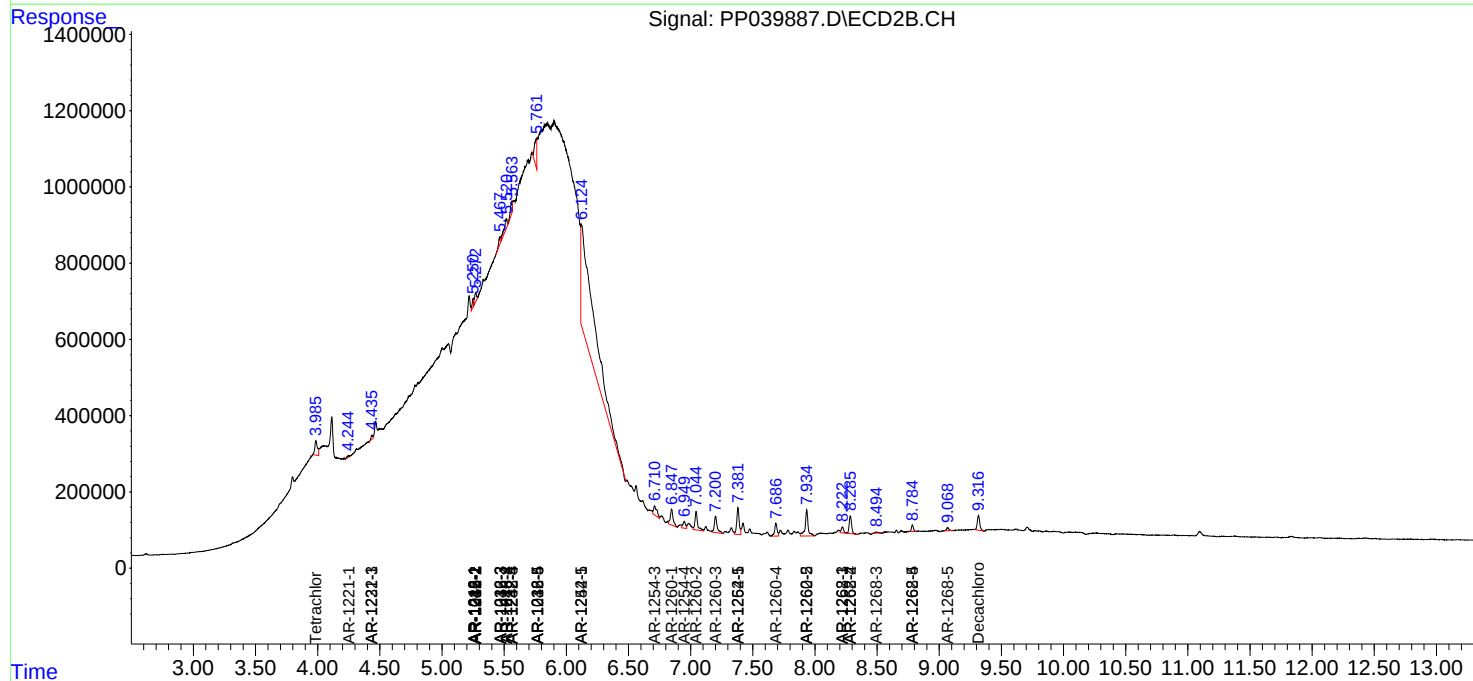
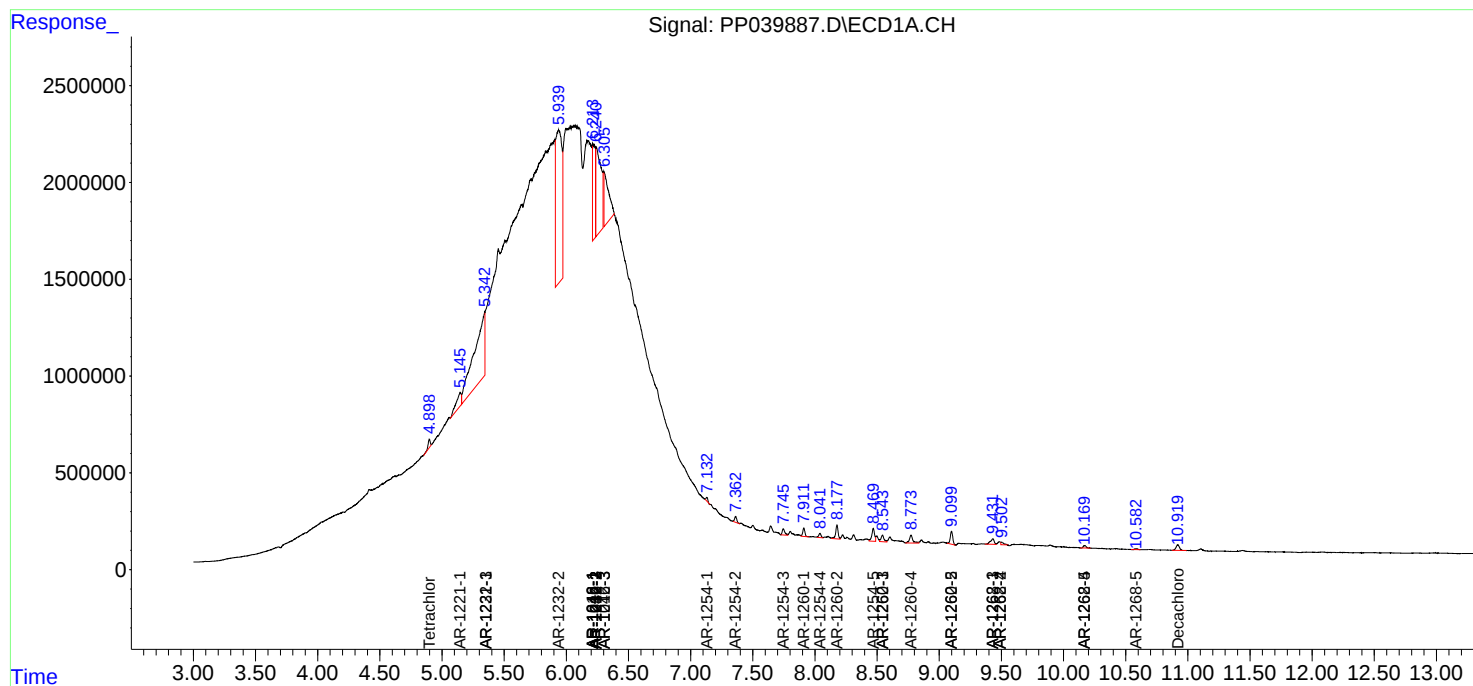
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

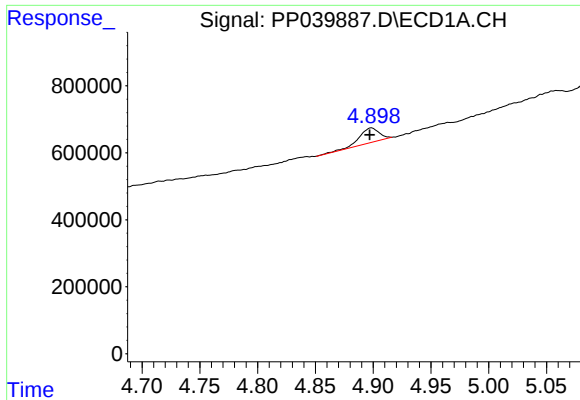
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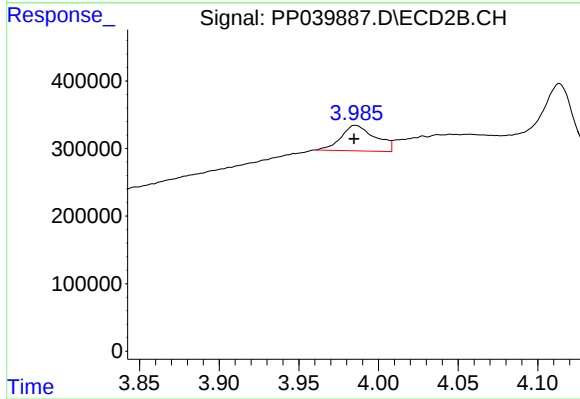




#1 Tetrachloro-m-xylene

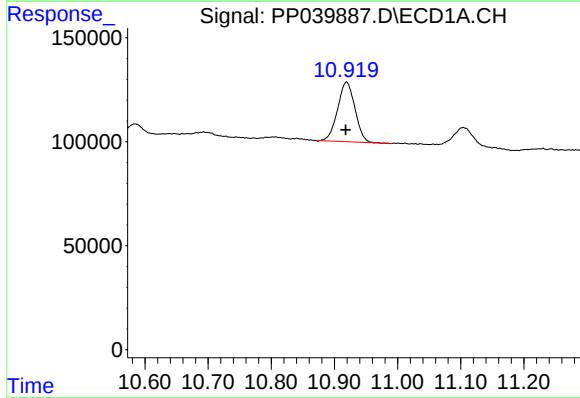
R.T.: 4.898 min
Delta R.T.: 0.001 min
Response: 522893
Conc: 17.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



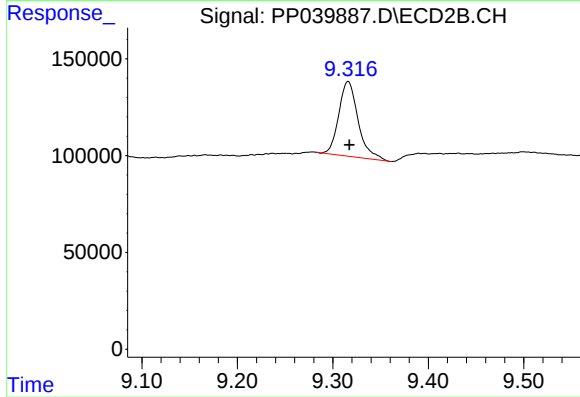
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 562955
Conc: 33.68 ng/ml



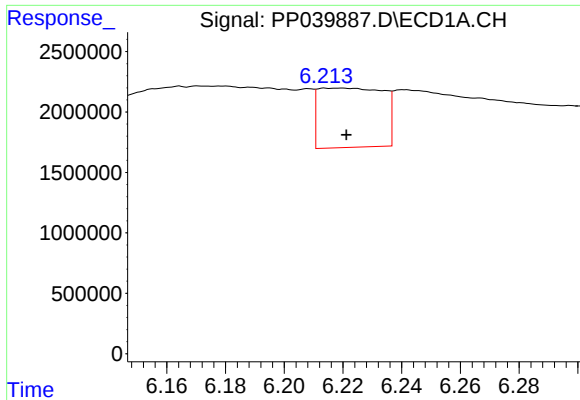
#2 Decachlorobiphenyl

R.T.: 10.919 min
Delta R.T.: 0.001 min
Response: 547652
Conc: 24.36 ng/ml



#2 Decachlorobiphenyl

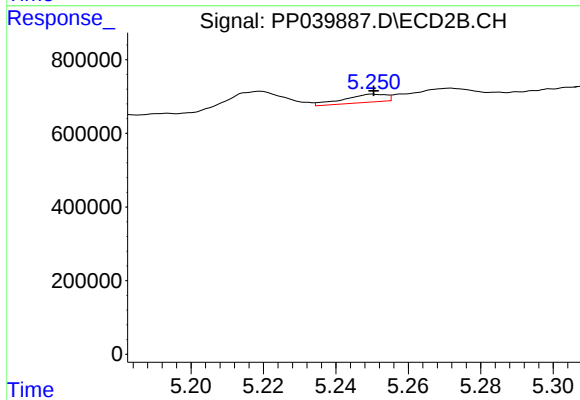
R.T.: 9.316 min
Delta R.T.: -0.001 min
Response: 543536
Conc: 24.23 ng/ml



#3 AR-1016-1

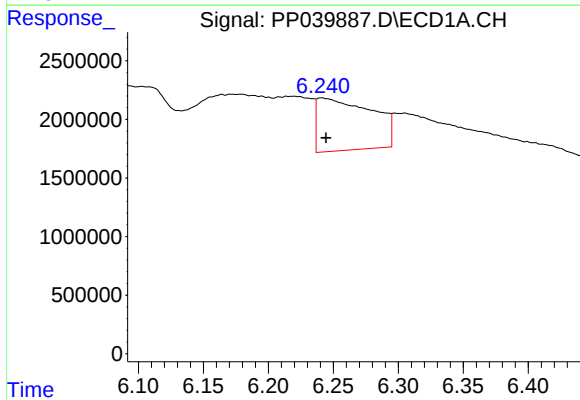
R.T.: 6.220 min
Delta R.T.: -0.001 min
Response: 7495711
Conc: 7274.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



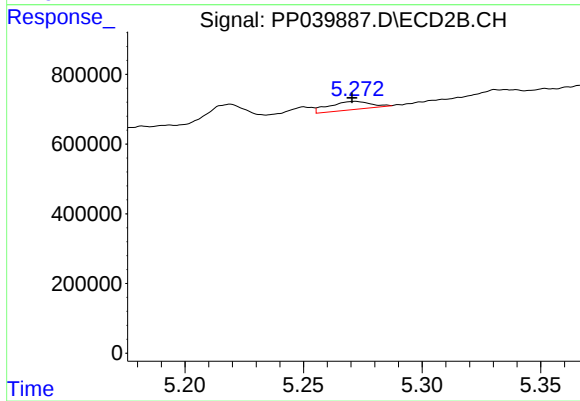
#3 AR-1016-1

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 180225
Conc: 266.42 ng/ml



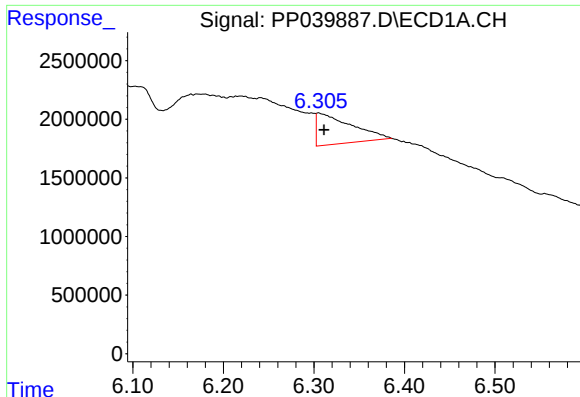
#4 AR-1016-2

R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 13118642
Conc: 8787.78 ng/ml



#4 AR-1016-2

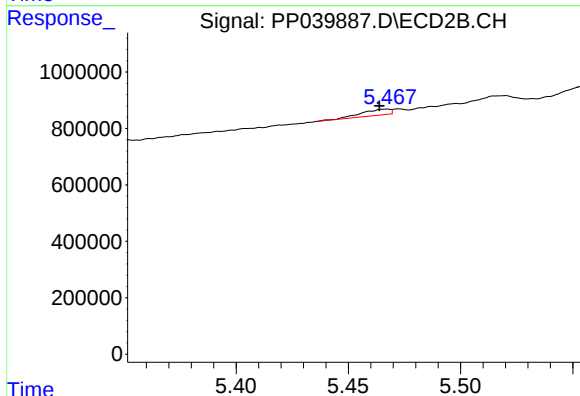
R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 289828
Conc: 313.27 ng/ml



#5 AR-1016-3

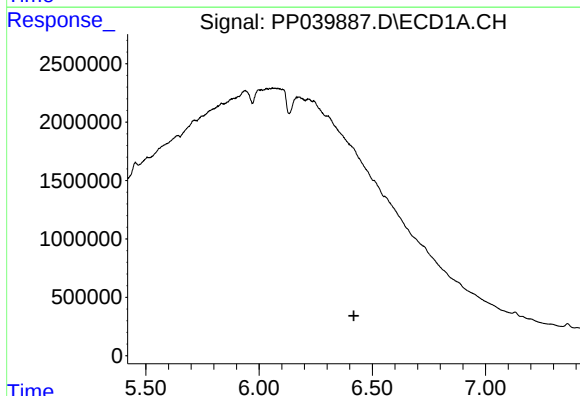
R.T.: 6.305 min
Delta R.T.: -0.006 min
Response: 7391636
Conc: 7934.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



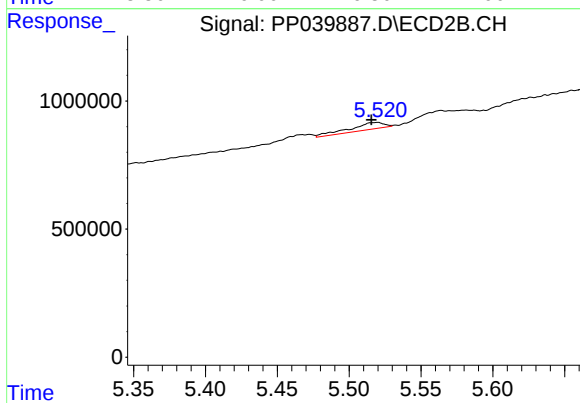
#5 AR-1016-3

R.T.: 5.468 min
Delta R.T.: 0.004 min
Response: 188016
Conc: 360.76 ng/ml



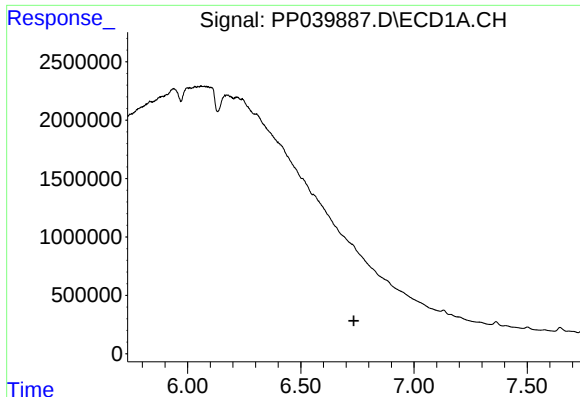
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.419 min
Response: 0
Conc: N.D.



#6 AR-1016-4

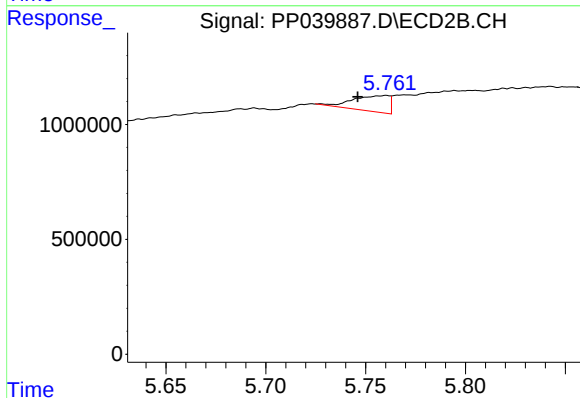
R.T.: 5.520 min
Delta R.T.: 0.004 min
Response: 450270
Conc: 1040.01 ng/ml



#7 AR-1016-5

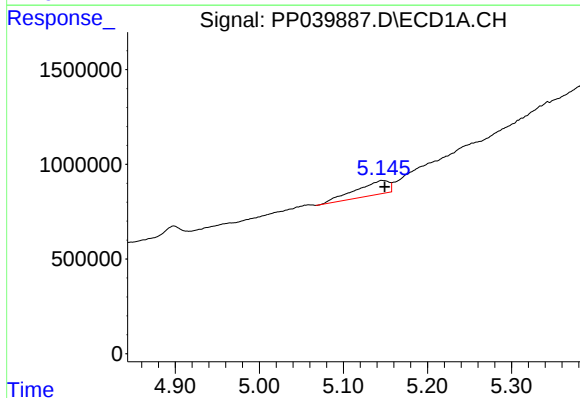
R.T.: 0.000 min
Exp R.T.: 6.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



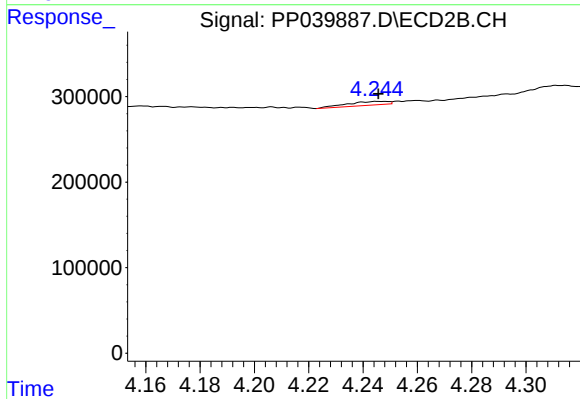
#7 AR-1016-5

R.T.: 5.760 min
Delta R.T.: 0.014 min
Response: 879615
Conc: 1677.29 ng/ml



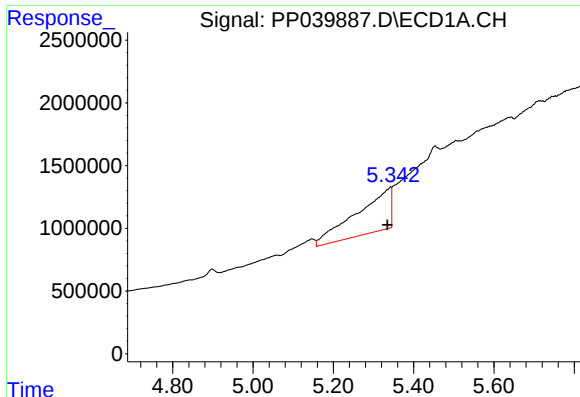
#8 AR-1221-1

R.T.: 5.145 min
Delta R.T.: -0.004 min
Response: 2045321
Conc: 5902.12 ng/ml



#8 AR-1221-1

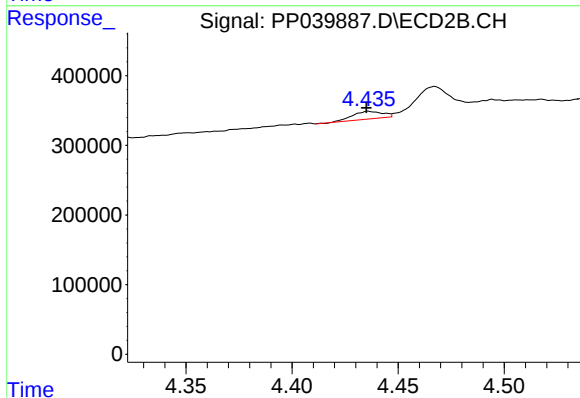
R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 44946
Conc: 212.02 ng/ml



#10 AR-1221-3

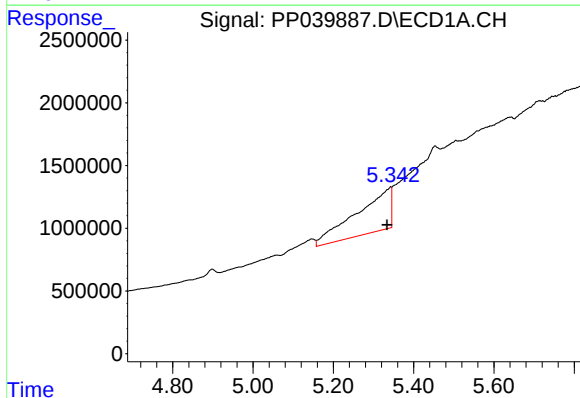
R.T.: 5.343 min
Delta R.T.: 0.008 min
Response: 20143724
Conc: 24190.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



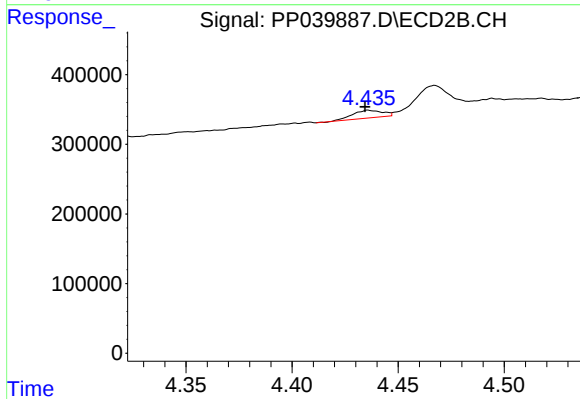
#10 AR-1221-3

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 105796
Conc: 197.59 ng/ml



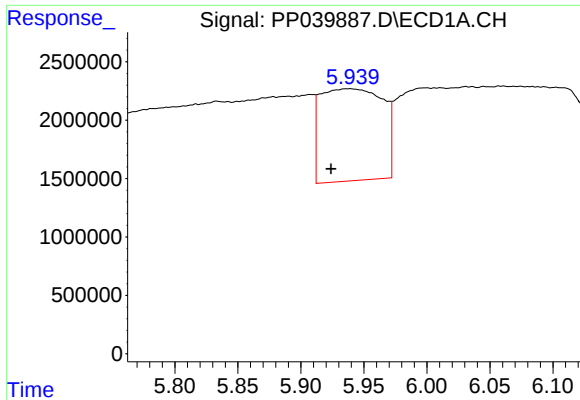
#11 AR-1232-1

R.T.: 5.343 min
Delta R.T.: 0.009 min
Response: 20143724
Conc: 32599.58 ng/ml



#11 AR-1232-1

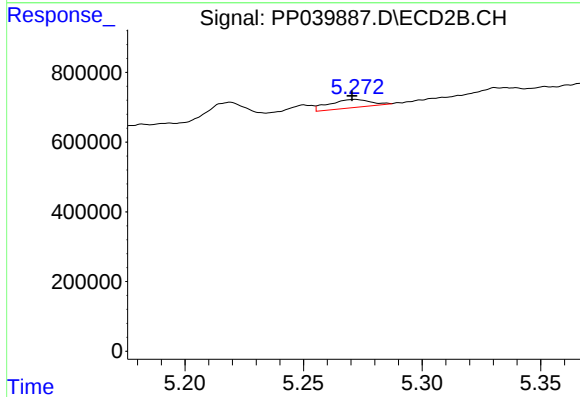
R.T.: 4.436 min
Delta R.T.: 0.002 min
Response: 105796
Conc: 264.21 ng/ml



#12 AR-1232-2

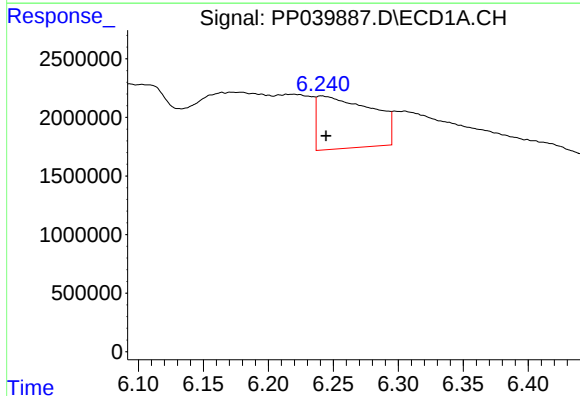
R.T.: 5.939 min
Delta R.T.: 0.015 min
Response: 27105632
Conc: 79365.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



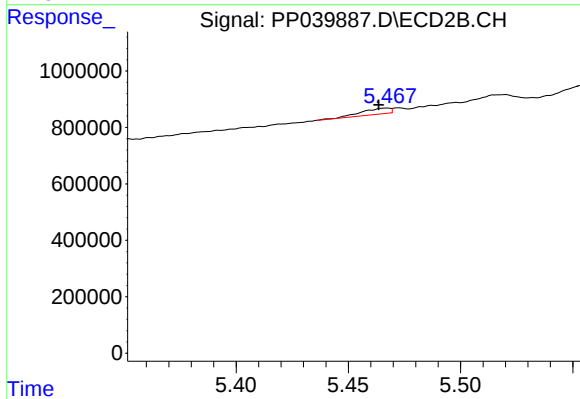
#12 AR-1232-2

R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 289828
Conc: 732.02 ng/ml



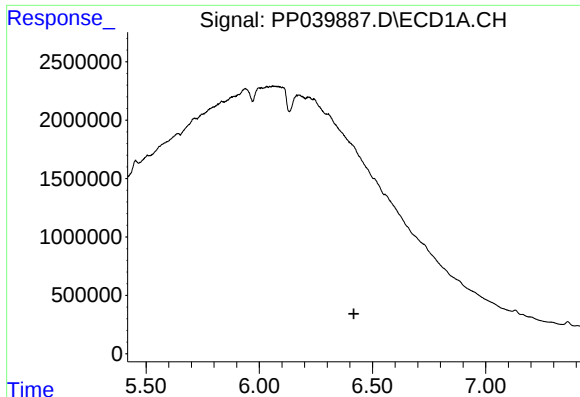
#13 AR-1232-3

R.T.: 6.241 min
Delta R.T.: -0.004 min
Response: 13118642
Conc: 20651.87 ng/ml



#13 AR-1232-3

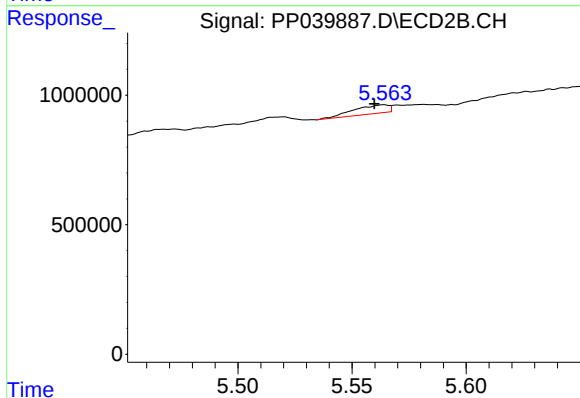
R.T.: 5.468 min
Delta R.T.: 0.004 min
Response: 188016
Conc: 840.89 ng/ml



#14 AR-1232-4

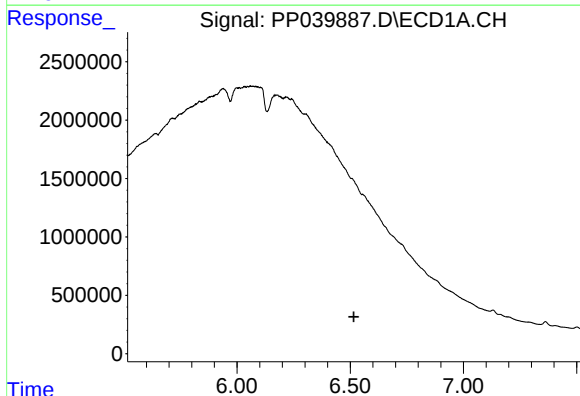
R.T.: 0.000 min
Exp R.T.: 6.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



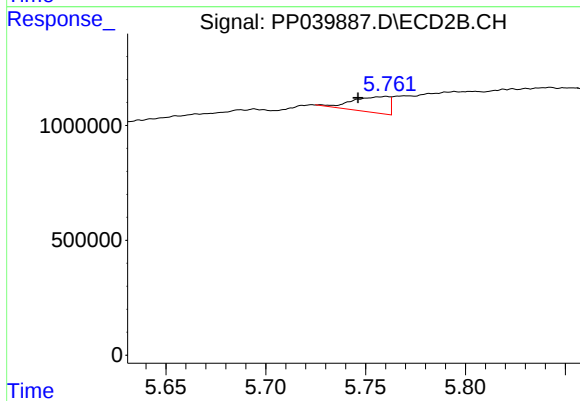
#14 AR-1232-4

R.T.: 5.564 min
Delta R.T.: 0.004 min
Response: 353178
Conc: 1505.43 ng/ml



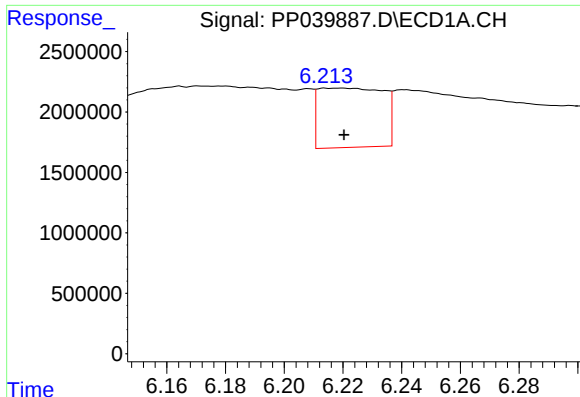
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.516 min
Response: 0
Conc: N.D.



#15 AR-1232-5

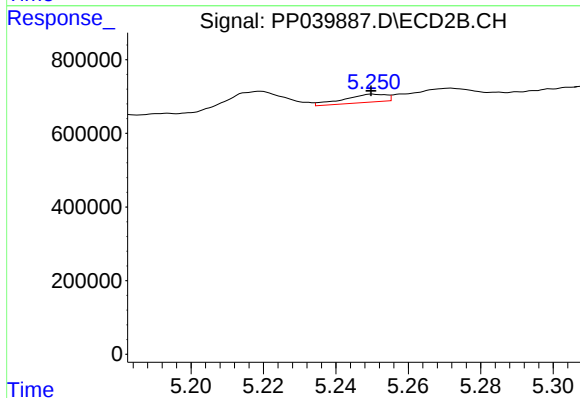
R.T.: 5.760 min
Delta R.T.: 0.014 min
Response: 879615
Conc: 4044.48 ng/ml



#16 AR-1242-1

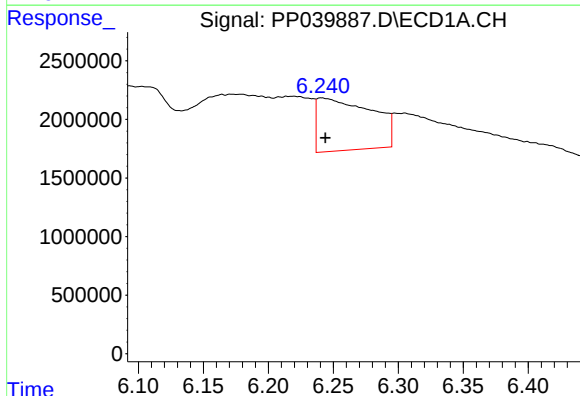
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 7495711
Conc: 9755.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



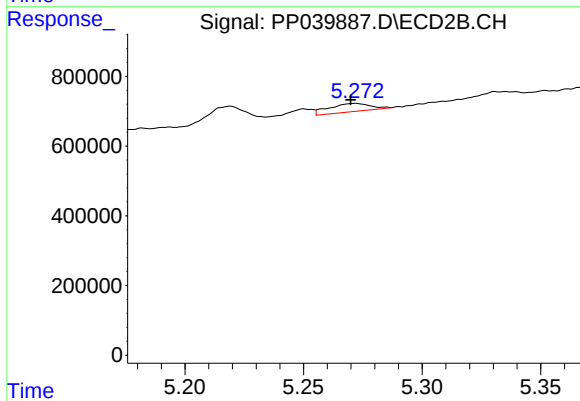
#16 AR-1242-1

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 180225
Conc: 351.53 ng/ml



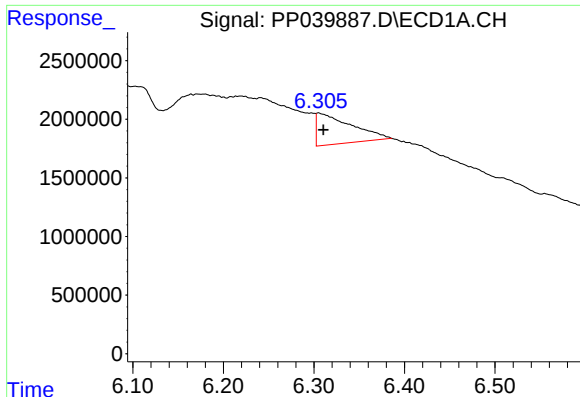
#17 AR-1242-2

R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 13118642
Conc: 11828.61 ng/ml



#17 AR-1242-2

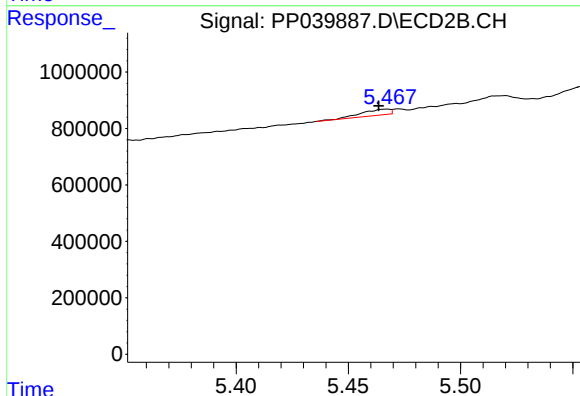
R.T.: 5.272 min
Delta R.T.: 0.002 min
Response: 289828
Conc: 415.81 ng/ml



#18 AR-1242-3

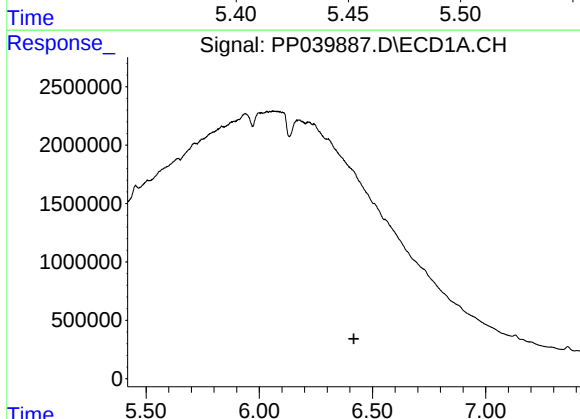
R.T.: 6.305 min
Delta R.T.: -0.005 min
Response: 7391636
Conc: 10676.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



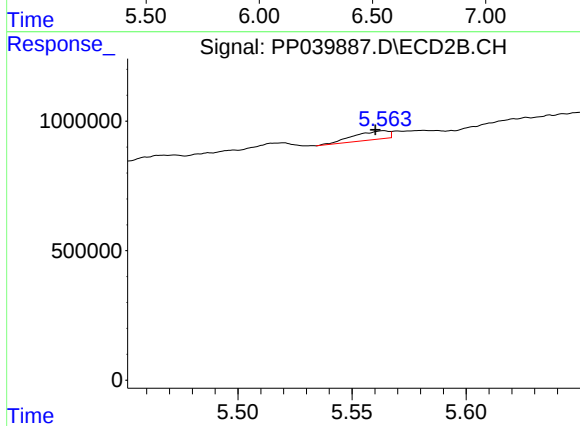
#18 AR-1242-3

R.T.: 5.468 min
Delta R.T.: 0.004 min
Response: 188016
Conc: 480.35 ng/ml



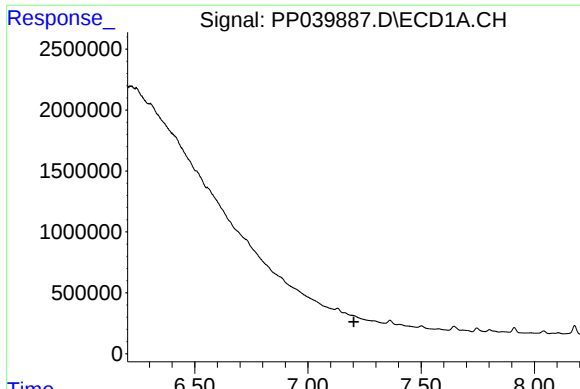
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.418 min
Response: 0
Conc: N.D.



#19 AR-1242-4

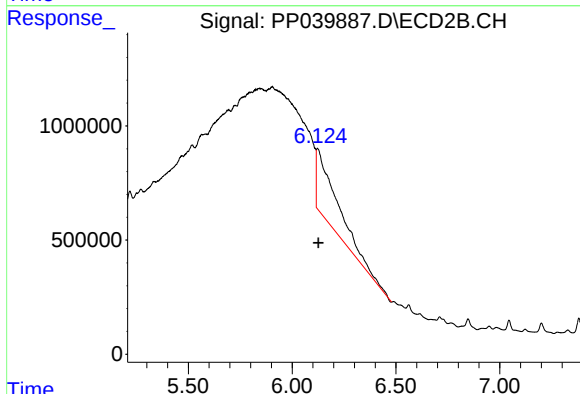
R.T.: 5.564 min
Delta R.T.: 0.004 min
Response: 353178
Conc: 878.66 ng/ml



#20 AR-1242-5

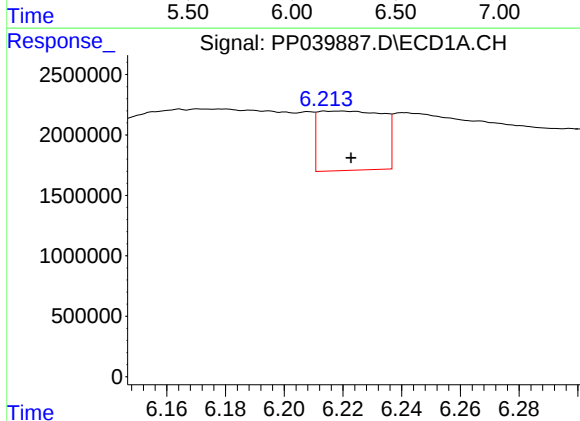
R.T.: 0.000 min
Exp R.T.: 7.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



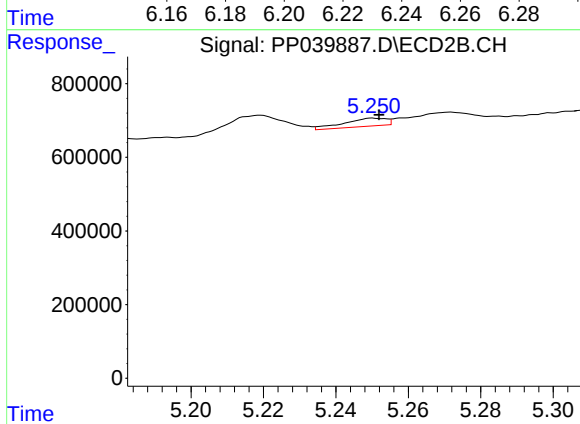
#20 AR-1242-5

R.T.: 6.122 min
Delta R.T.: -0.006 min
Response: 19354926
Conc: 38933.87 ng/ml



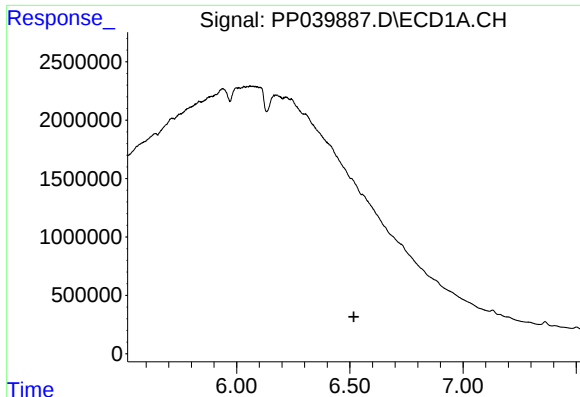
#21 AR-1248-1

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 7495711
Conc: 12200.32 ng/ml



#21 AR-1248-1

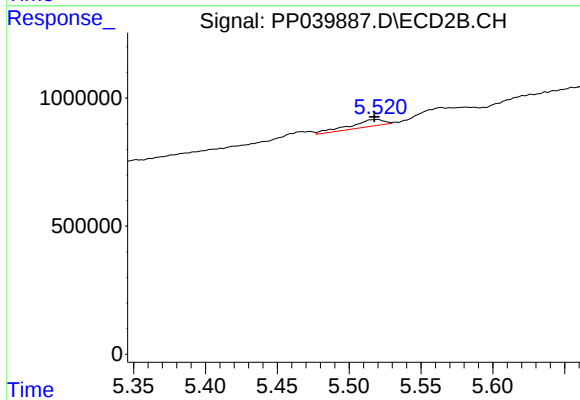
R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 180225
Conc: 437.55 ng/ml



#22 AR-1248-2

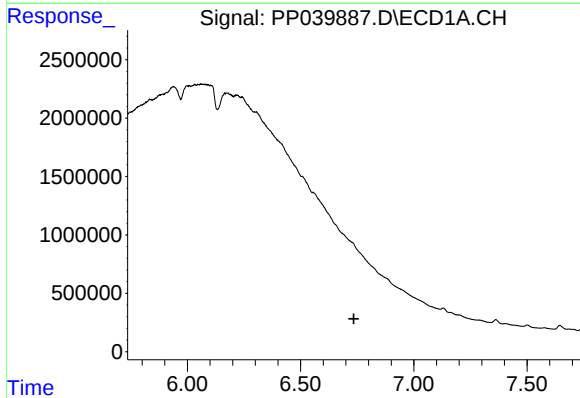
R.T.: 0.000 min
Exp R.T.: 6.518 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



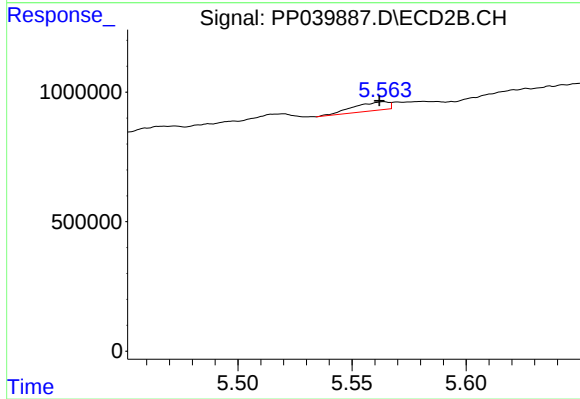
#22 AR-1248-2

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 450270
Conc: 767.71 ng/ml



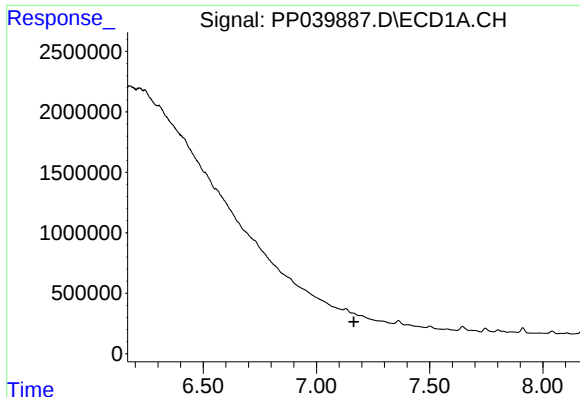
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.735 min
Response: 0
Conc: N.D.



#23 AR-1248-3

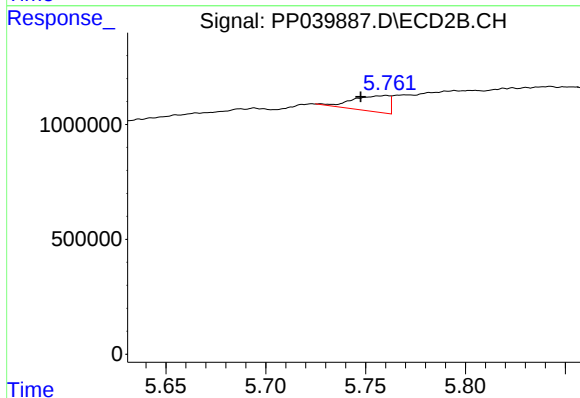
R.T.: 5.564 min
Delta R.T.: 0.002 min
Response: 353178
Conc: 562.58 ng/ml



#24 AR-1248-4

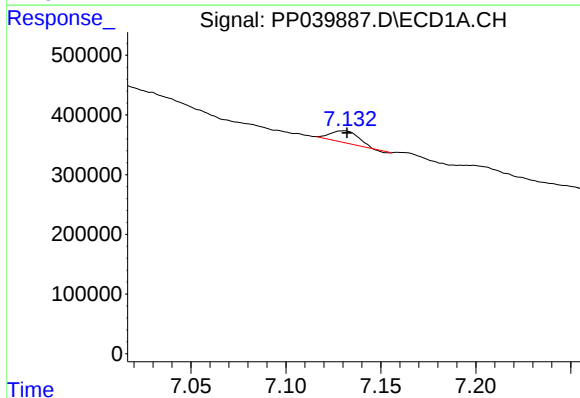
R.T.: 0.000 min
Exp R.T.: 7.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



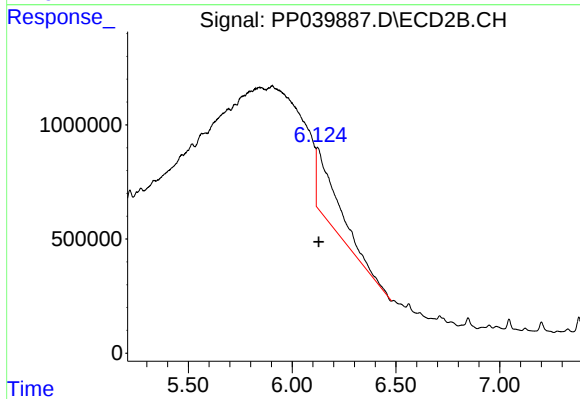
#24 AR-1248-4

R.T.: 5.760 min
Delta R.T.: 0.013 min
Response: 879615
Conc: 1284.19 ng/ml



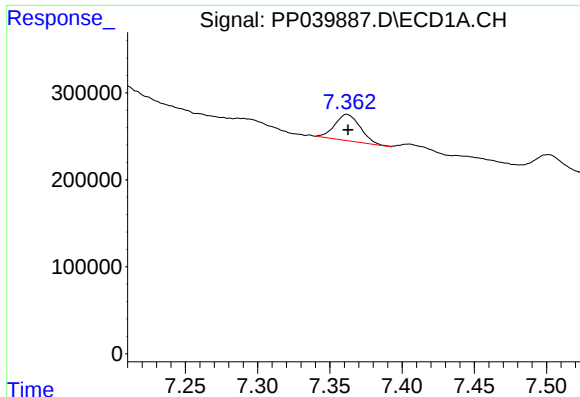
#26 AR-1254-1

R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 199870
Conc: 194.06 ng/ml



#26 AR-1254-1

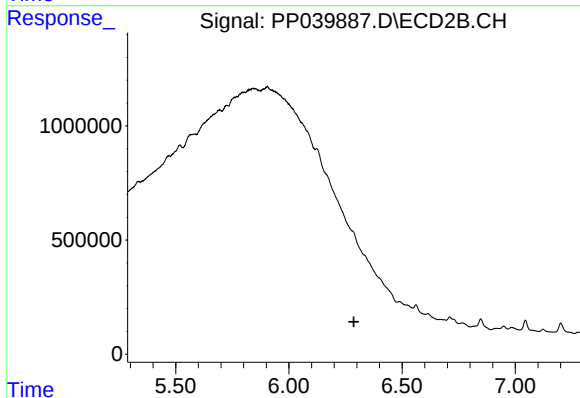
R.T.: 6.122 min
Delta R.T.: -0.006 min
Response: 19354926
Conc: 19639.52 ng/ml



#27 AR-1254-2

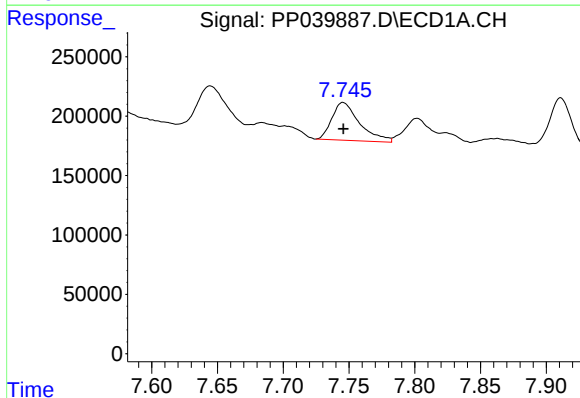
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 375784
Conc: 233.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



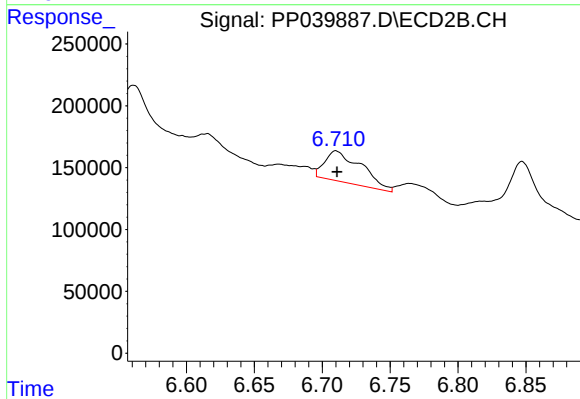
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.287 min
Response: 0
Conc: N.D.



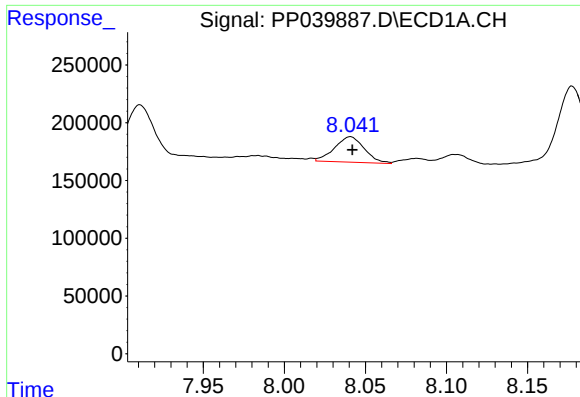
#28 AR-1254-3

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 466934
Conc: 275.39 ng/ml



#28 AR-1254-3

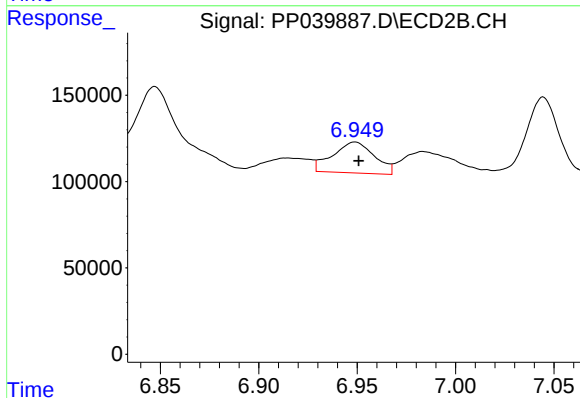
R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 465599
Conc: 331.49 ng/ml



#29 AR-1254-4

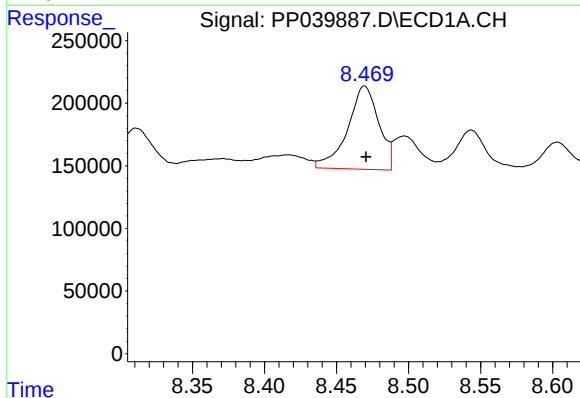
R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 281022
Conc: 231.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



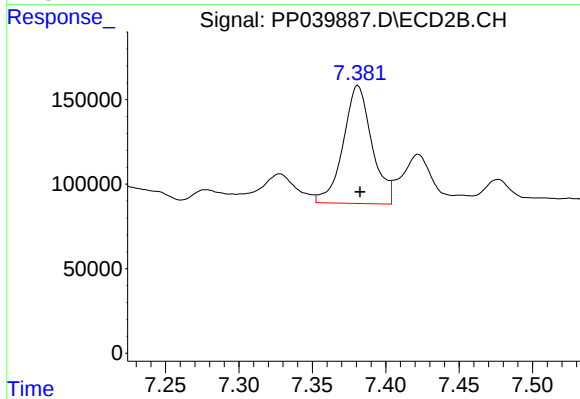
#29 AR-1254-4

R.T.: 6.949 min
Delta R.T.: -0.002 min
Response: 264748
Conc: 300.31 ng/ml



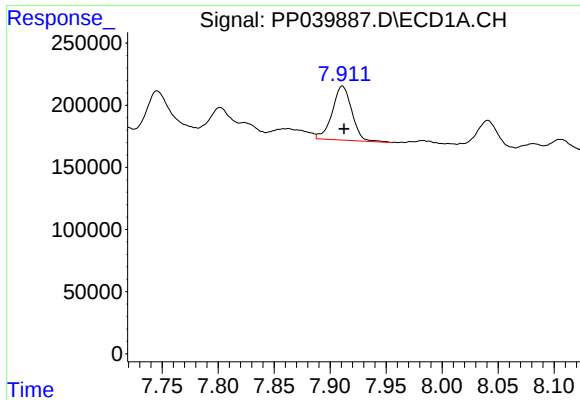
#30 AR-1254-5

R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 1002833
Conc: 788.39 ng/ml



#30 AR-1254-5

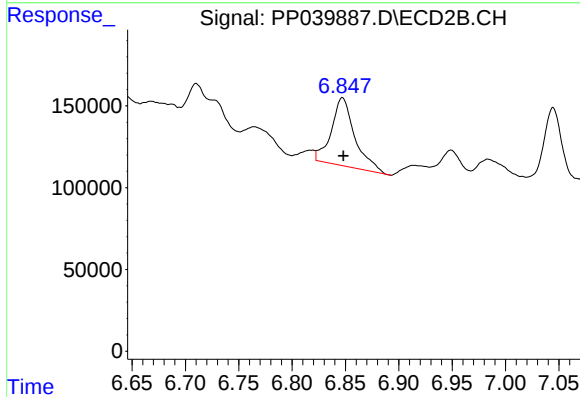
R.T.: 7.381 min
Delta R.T.: -0.002 min
Response: 952547
Conc: 711.20 ng/ml



#31 AR-1260-1

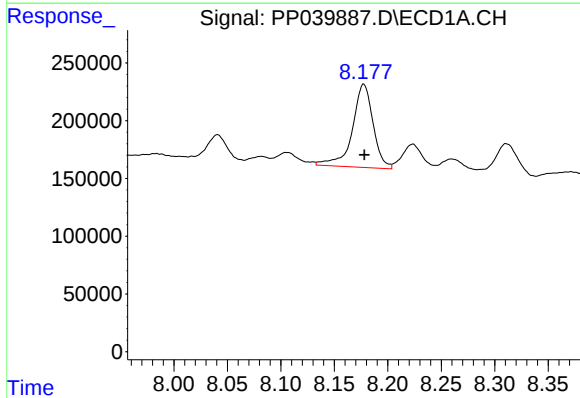
R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 529224
Conc: 401.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



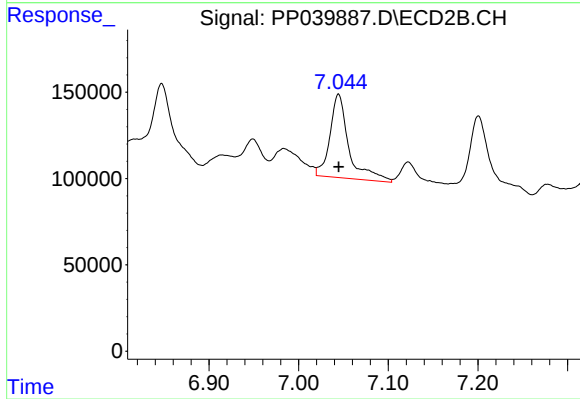
#31 AR-1260-1

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 639570
Conc: 609.11 ng/ml



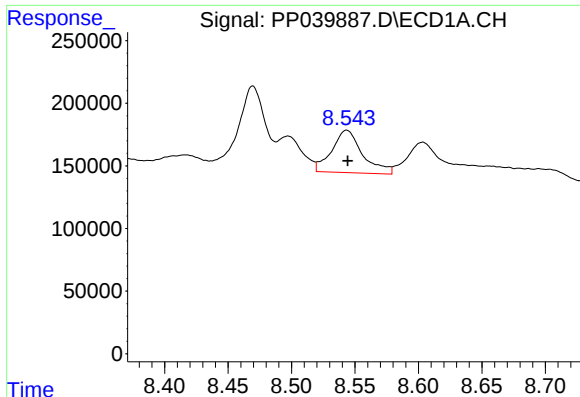
#32 AR-1260-2

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 977795
Conc: 609.55 ng/ml



#32 AR-1260-2

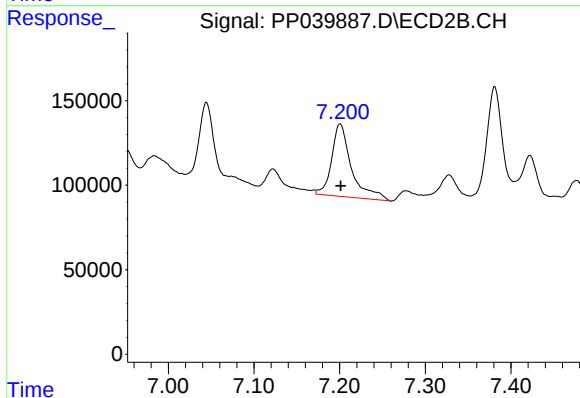
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 709147
Conc: 561.20 ng/ml



#33 AR-1260-3

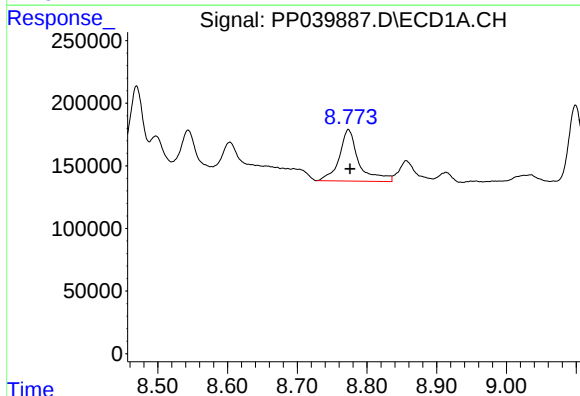
R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 574137
Conc: 587.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



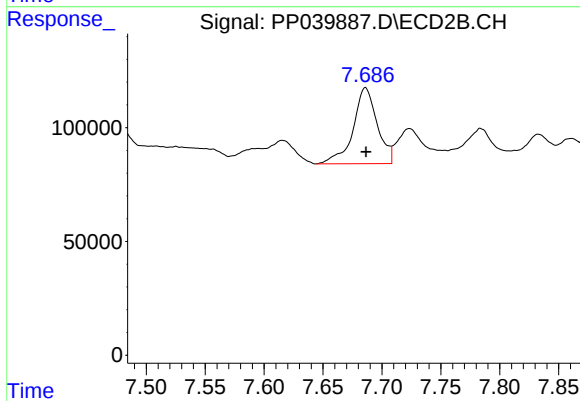
#33 AR-1260-3

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 689633
Conc: 520.11 ng/ml



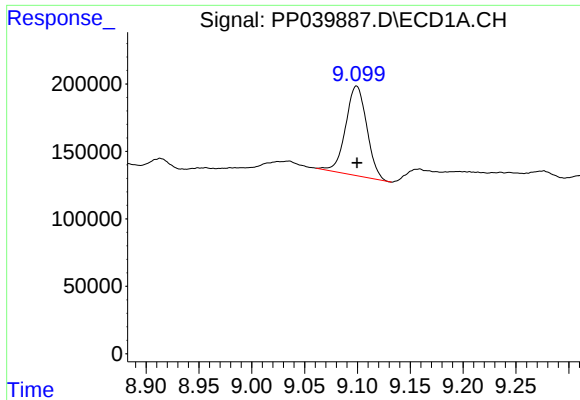
#34 AR-1260-4

R.T.: 8.773 min
Delta R.T.: -0.002 min
Response: 804886
Conc: 722.79 ng/ml



#34 AR-1260-4

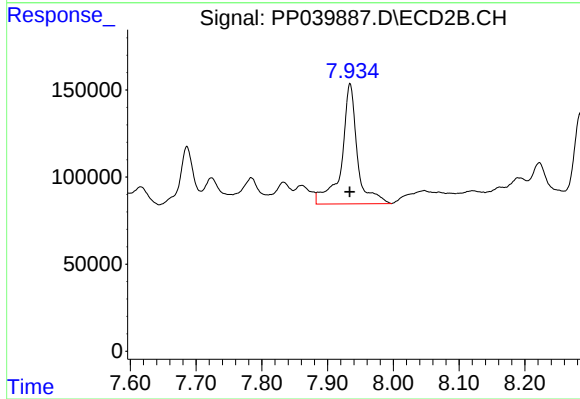
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 477037
Conc: 514.16 ng/ml



#35 AR-1260-5

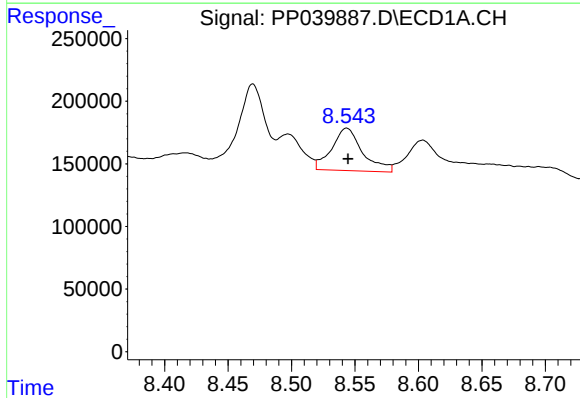
R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 922486
Conc: 452.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



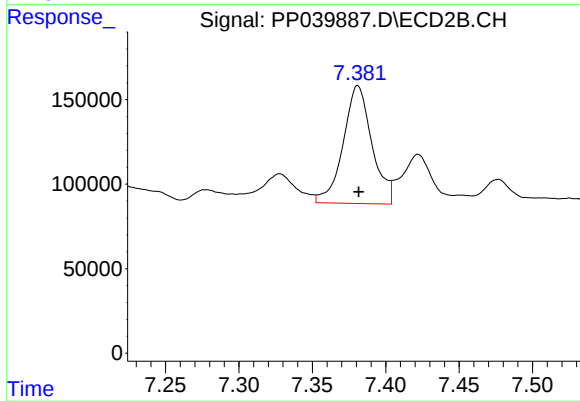
#35 AR-1260-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 1145362
Conc: 548.79 ng/ml



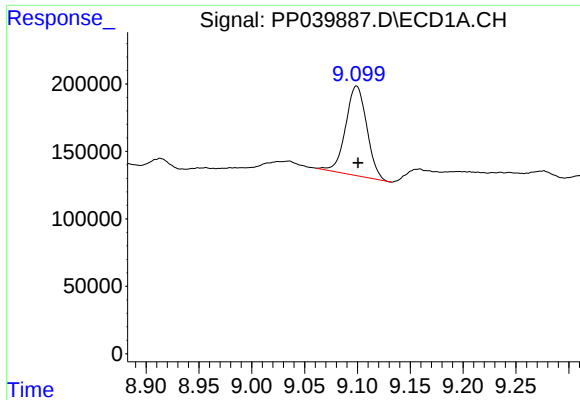
#36 AR-1262-1

R.T.: 8.543 min
Delta R.T.: -0.001 min
Response: 574137
Conc: 407.30 ng/ml



#36 AR-1262-1

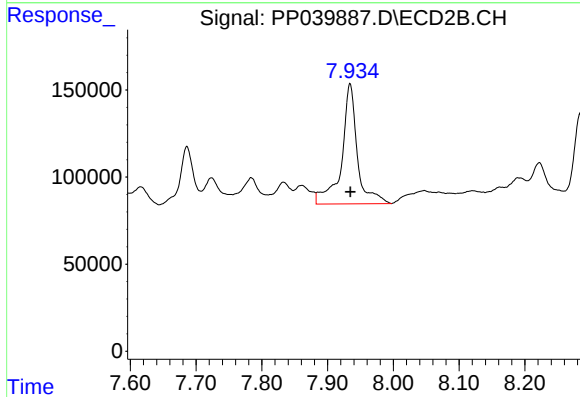
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 952547
Conc: 1324.03 ng/ml



#37 AR-1262-2

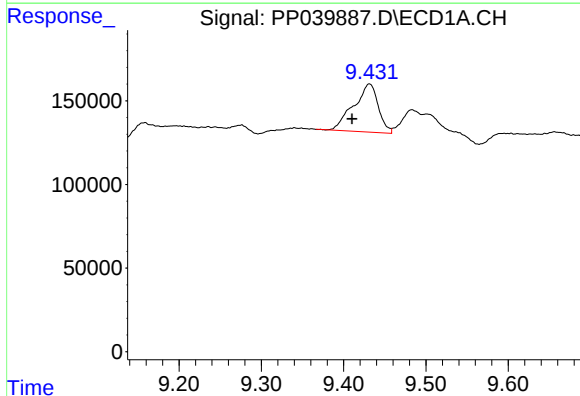
R.T.: 9.099 min
Delta R.T.: -0.001 min
Response: 922486
Conc: 385.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



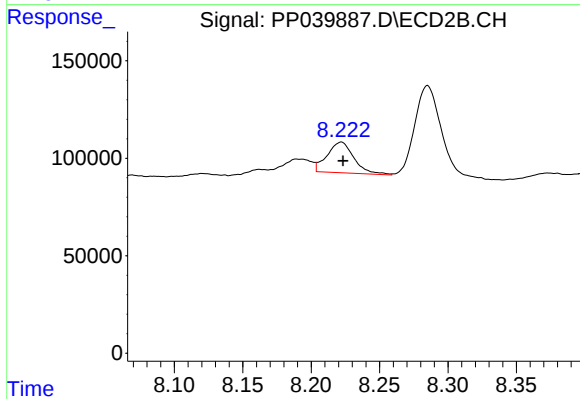
#37 AR-1262-2

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 1145362
Conc: 495.96 ng/ml



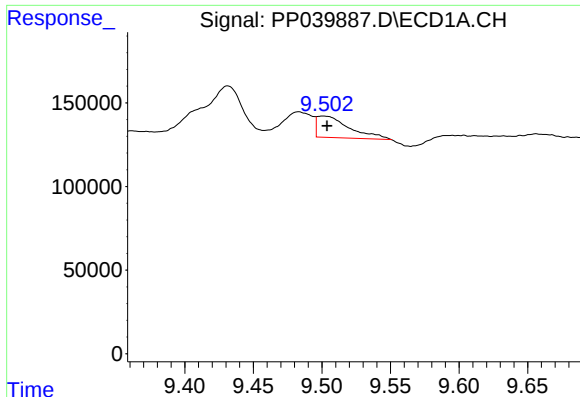
#38 AR-1262-3

R.T.: 9.431 min
Delta R.T.: 0.021 min
Response: 598638
Conc: 531.39 ng/ml



#38 AR-1262-3

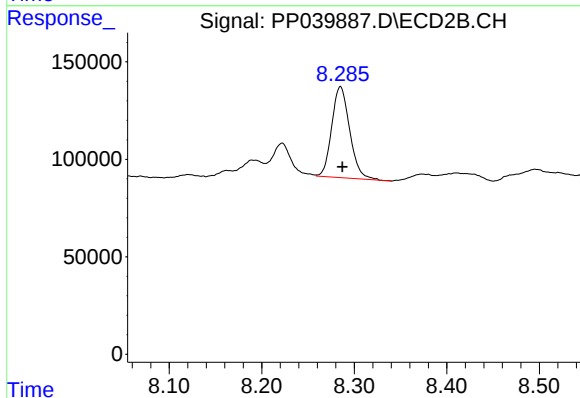
R.T.: 8.222 min
Delta R.T.: -0.001 min
Response: 214103
Conc: 208.78 ng/ml



#39 AR-1262-4

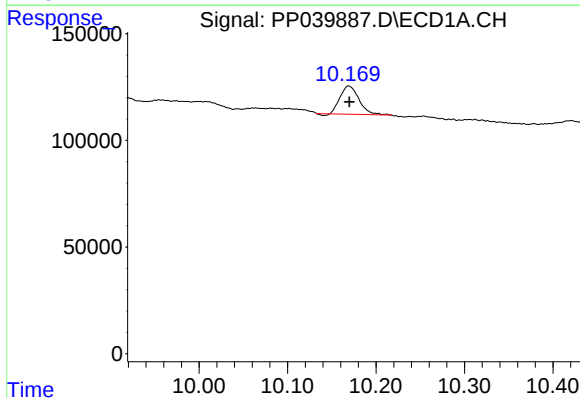
R.T.: 9.501 min
Delta R.T.: -0.003 min
Response: 209398
Conc: 292.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



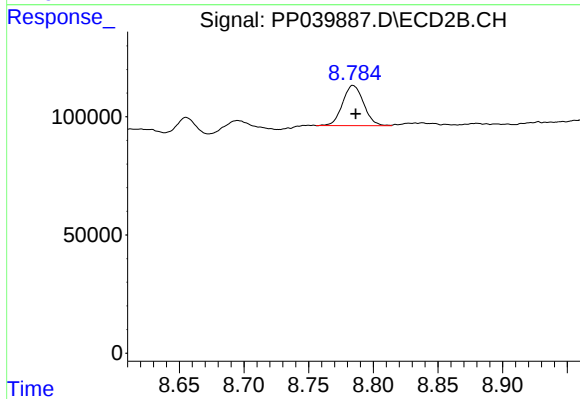
#39 AR-1262-4

R.T.: 8.285 min
Delta R.T.: -0.002 min
Response: 628605
Conc: 345.79 ng/ml



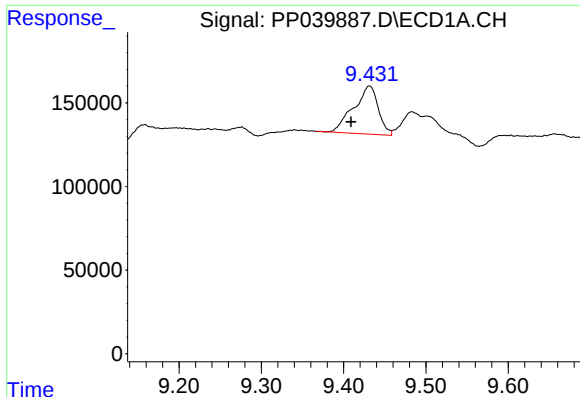
#40 AR-1262-5

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 196227
Conc: 219.34 ng/ml



#40 AR-1262-5

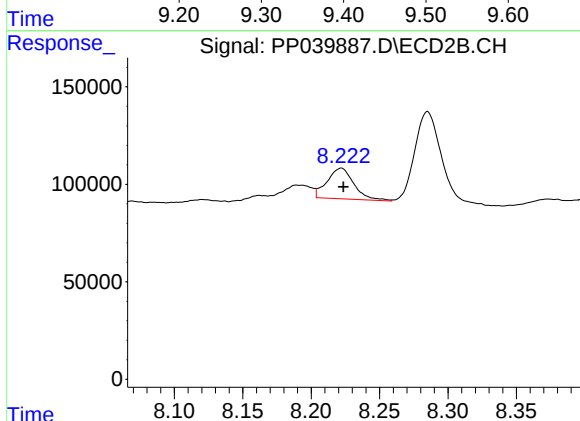
R.T.: 8.784 min
Delta R.T.: -0.002 min
Response: 192799
Conc: 210.02 ng/ml



#41 AR-1268-1

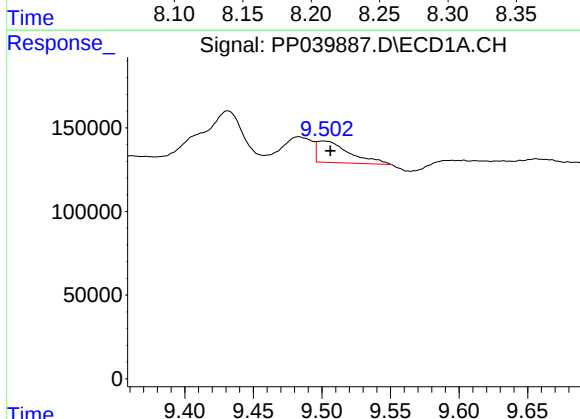
R.T.: 9.431 min
Delta R.T.: 0.022 min
Response: 598638
Conc: 203.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



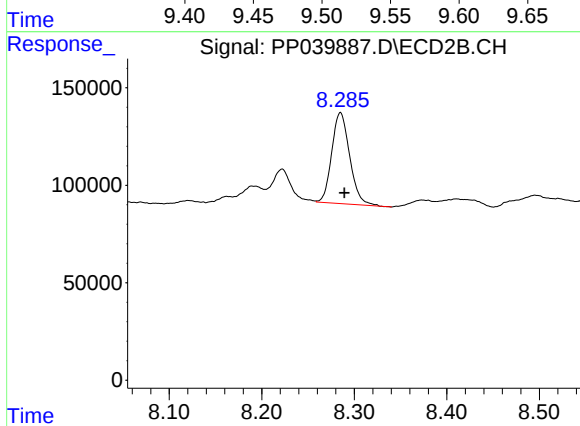
#41 AR-1268-1

R.T.: 8.222 min
Delta R.T.: -0.001 min
Response: 214103
Conc: 73.32 ng/ml



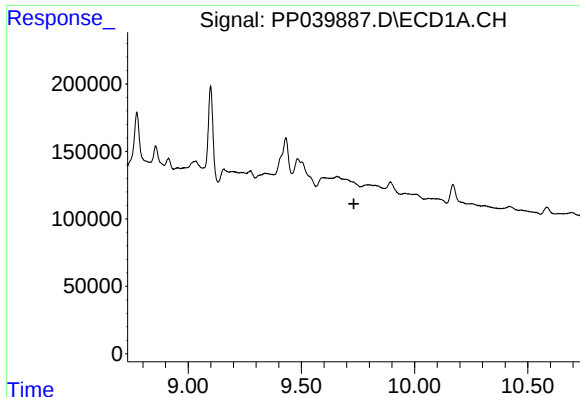
#42 AR-1268-2

R.T.: 9.501 min
Delta R.T.: -0.005 min
Response: 209398
Conc: 75.54 ng/ml



#42 AR-1268-2

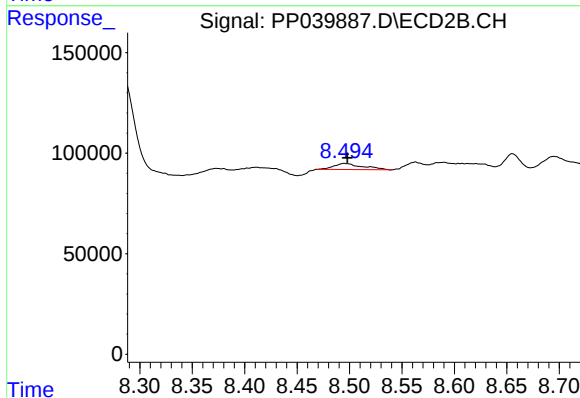
R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 628605
Conc: 235.54 ng/ml



#43 AR-1268-3

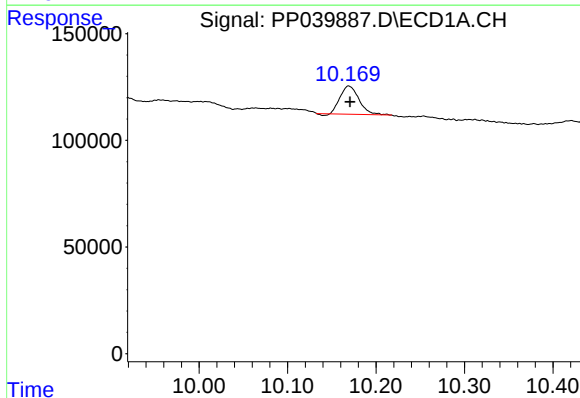
R.T.: 0.000 min
Exp R.T.: 9.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



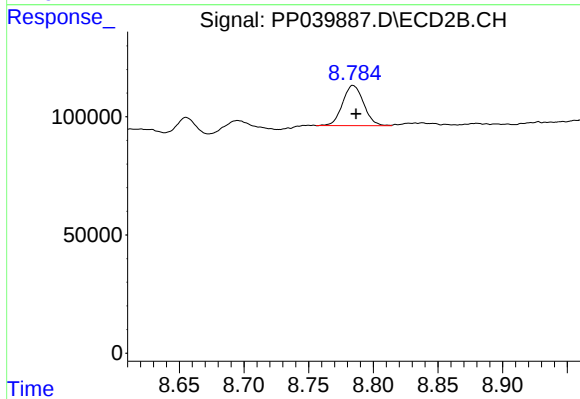
#43 AR-1268-3

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 57327
Conc: 24.48 ng/ml



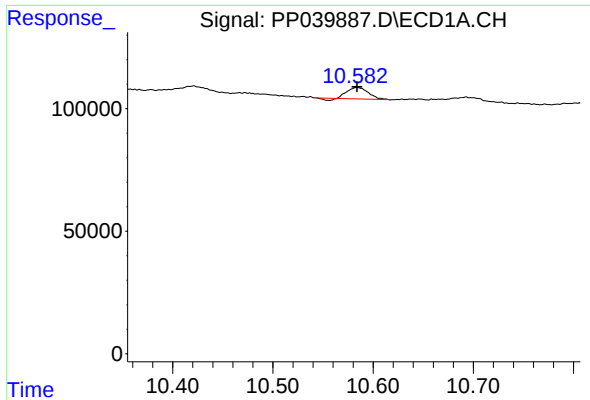
#44 AR-1268-4

R.T.: 10.169 min
Delta R.T.: -0.001 min
Response: 196227
Conc: 195.71 ng/ml



#44 AR-1268-4

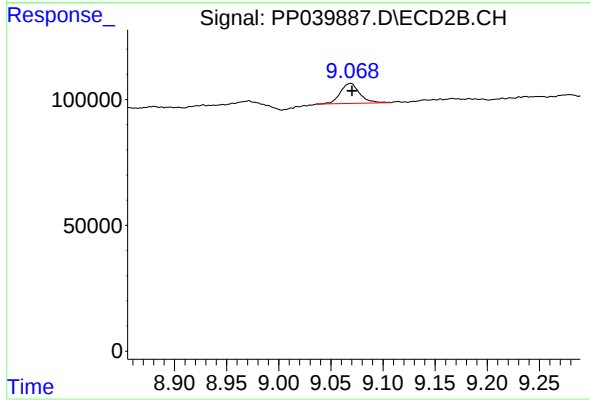
R.T.: 8.784 min
Delta R.T.: -0.002 min
Response: 192799
Conc: 188.81 ng/ml



#45 AR-1268-5

R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 66166
Conc: 8.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 102936
Conc: 13.86 ng/ml