

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061810.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 23:42
 Operator : HP/AJ
 Sample : K5239-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:24:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 2019
 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...	4.361	3.522	1378671	974027	33.614	30.119
2)	SA Decachlor...	10.021	8.427	865472	984	18.584	0.030 #
Target Compounds							
3)	L1 AR-1016-1	5.544	4.587	3291	20719	1.795	15.409 #
4)	L1 AR-1016-2	5.593	4.587	6544	20719	2.532	11.179 #
5)	L1 AR-1016-3	5.659	4.778	1331	5446	0.829	5.437 #
6)	L1 AR-1016-4	5.712	4.819	3199	3807	2.393	4.393 #
7)	L1 AR-1016-5	6.042	5.033	1091	5194	0.796	4.550 #
8)	L2 AR-1221-1	0.000	3.722	0	664	N.D.	1.676 #
9)	L2 AR-1221-2	4.667	3.810	18680	20416	52.029	66.203 #
10)	L2 AR-1221-3	4.727	3.890	6548	988	5.752	1.084 #
11)	L3 AR-1232-1	4.727	3.890	6548	988	4.683	0.880 #
12)	L3 AR-1232-2	5.258	4.587	4260	20719	5.429	16.974 #
13)	L3 AR-1232-3	5.544	4.756	3291	21542	1.926	32.628 #
14)	L3 AR-1232-4	5.712	4.843	3199	10941	3.616	17.357 #
15)	L3 AR-1232-5	5.795	5.008	2995	25779	4.319	37.571 #
16)	L4 AR-1242-1	5.523	4.571	3044	7594	2.143	7.413 #
17)	L4 AR-1242-2	5.544	4.587	3291	20719	1.637	14.692 #
18)	L4 AR-1242-3	5.593	4.756	6544	21542	5.186	27.587 #
19)	L4 AR-1242-4	5.712	4.837	3199	7695	3.044	9.377 #
20)	L4 AR-1242-5	6.434	5.346	10507	6082	7.856	5.678 #
21)	L5 AR-1248-1	5.544	4.587	3291	20719	2.801	23.155 #
22)	L5 AR-1248-2	5.836	4.819	2302	3807	1.365	3.231 #
23)	L5 AR-1248-3	6.042	4.867	1091	4566	0.584	3.679 #
24)	L5 AR-1248-4	6.434	5.033	10507	5194	4.447	3.455
25)	L5 AR-1248-5	6.478	5.371	4701	12625	2.073	8.229 #
26)	L6 AR-1254-1	6.376	5.346	27103	6082	11.880	2.773 #
27)	L6 AR-1254-2	6.593	5.493	15587	3227	4.314	1.646 #
28)	L6 AR-1254-3	6.966	5.899	28031	1151	7.174	0.362 #
29)	L6 AR-1254-4	7.244	6.120	9781	316	3.230	0.156 #
30)	L6 AR-1254-5	7.658	6.540	96006	717	30.571	0.253 #
31)	L7 AR-1260-1	7.157	6.050	40475	927	15.504	0.455 #
32)	L7 AR-1260-2	7.374	6.238	42730	995	13.404	0.414 #
33)	L7 AR-1260-3	7.733	6.377	54288	534	22.602	0.237 #
34)	L7 AR-1260-4	7.962	6.842	97684	1616	36.558	0.875 #
35)	L7 AR-1260-5	8.274	7.072	85617	1155	17.303	0.297 #
36)	L8 AR-1262-1	7.733	6.601	54288	997	14.169	0.817 #
37)	L8 AR-1262-2	8.274	7.072	85617	1155	13.791	0.251 #
38)	L8 AR-1262-3	8.579	7.344	85067	629	20.467	0.334 #
39)	L8 AR-1262-4	8.723	7.390	45701	5341	14.477	1.589 #
40)	L8 AR-1262-5	9.309	7.895	32405	644	15.934	0.425 #
41)	L9 AR-1268-1	8.579	7.344	85067	629	12.650	0.130 #

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 Sample : K5239-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

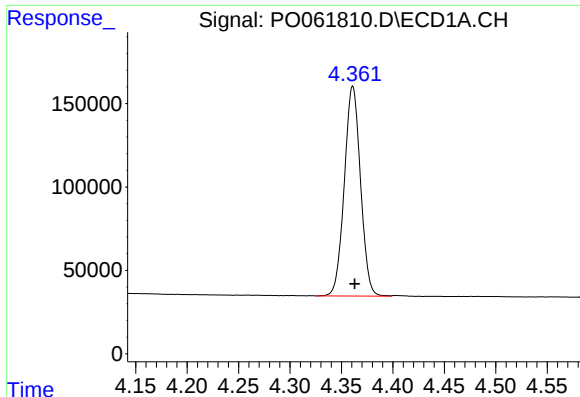
Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
42) L9	AR-1268-2	8.723	7.390	45701	5341	7.380	1.239 #
43) L9	AR-1268-3	8.893	7.612	84560	1334	16.541	0.372 #
44) L9	AR-1268-4	9.309	7.895	32405	644	14.820	0.400 #
45) L9	AR-1268-5	9.695	8.169	5139	1036	0.342	0.103 #

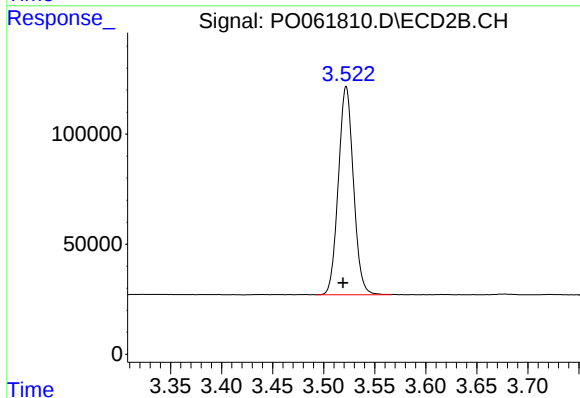
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

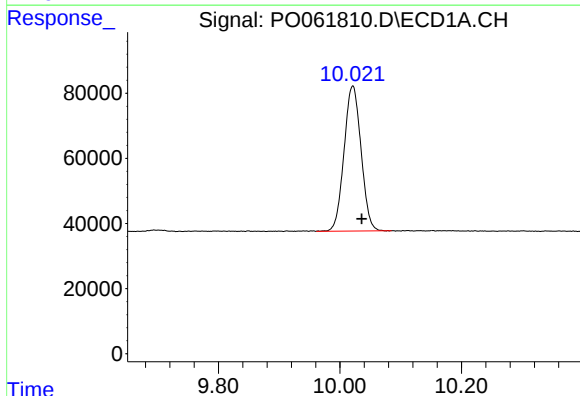
R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 1378671
Conc: 33.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



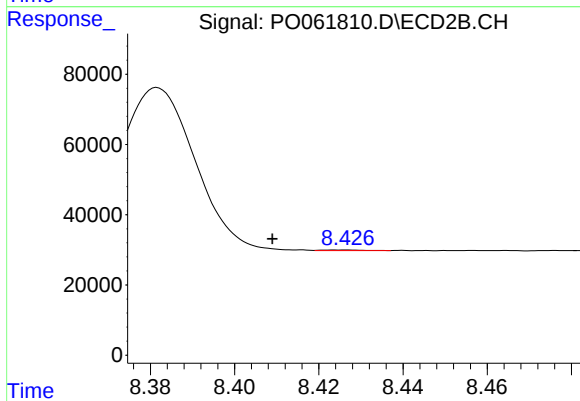
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: 0.003 min
Response: 974027
Conc: 30.12 ng/ml



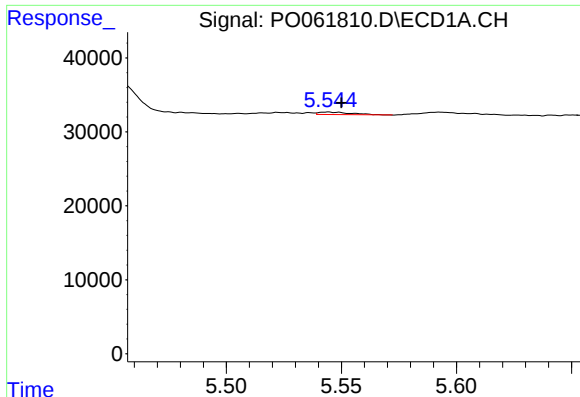
#2 Decachlorobiphenyl

R.T.: 10.021 min
Delta R.T.: -0.015 min
Response: 865472
Conc: 18.58 ng/ml



#2 Decachlorobiphenyl

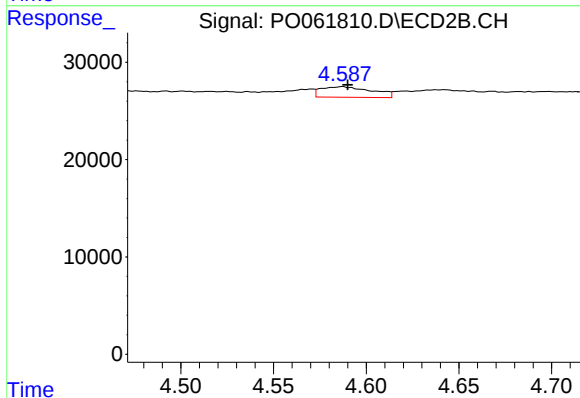
R.T.: 8.427 min
Delta R.T.: 0.018 min
Response: 984
Conc: 0.03 ng/ml



#3 AR-1016-1

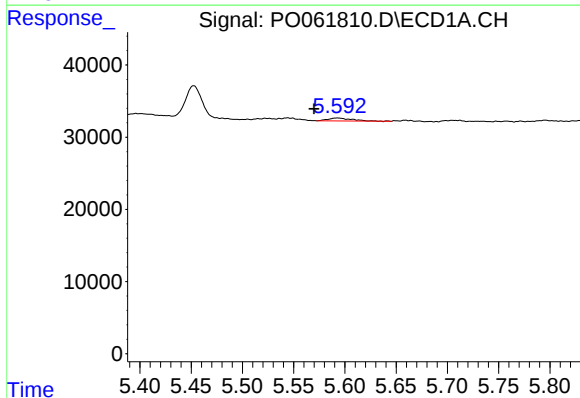
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 3291
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



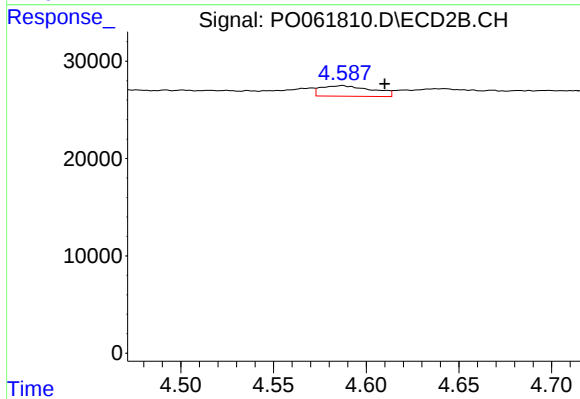
#3 AR-1016-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 20719
Conc: 15.41 ng/ml



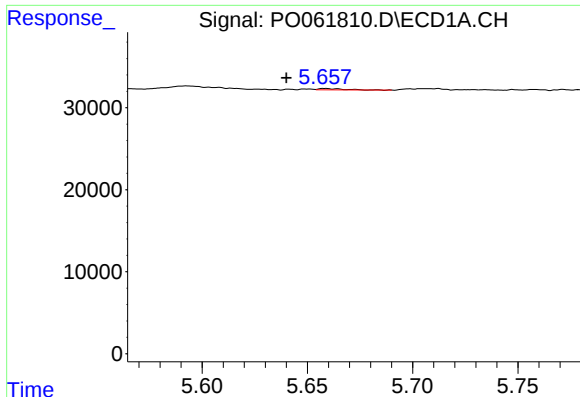
#4 AR-1016-2

R.T.: 5.593 min
Delta R.T.: 0.023 min
Response: 6544
Conc: 2.53 ng/ml



#4 AR-1016-2

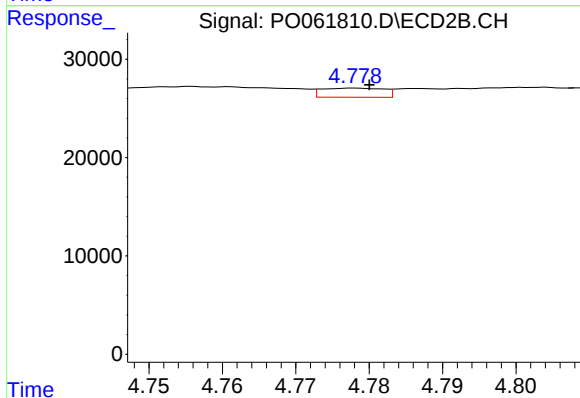
R.T.: 4.587 min
Delta R.T.: -0.023 min
Response: 20719
Conc: 11.18 ng/ml



#5 AR-1016-3

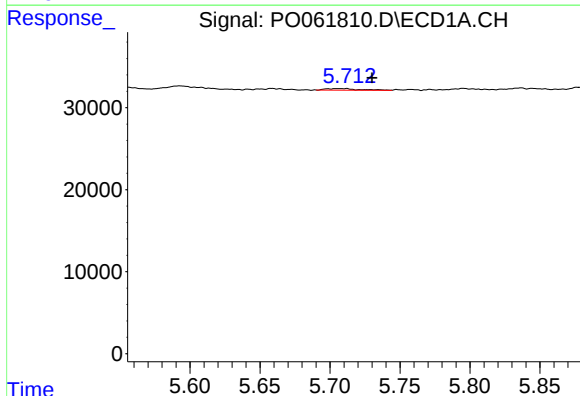
R.T.: 5.659 min
Delta R.T.: 0.019 min
Response: 1331
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



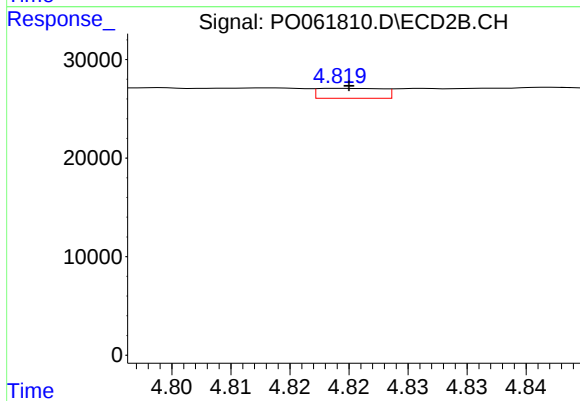
#5 AR-1016-3

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 5446
Conc: 5.44 ng/ml



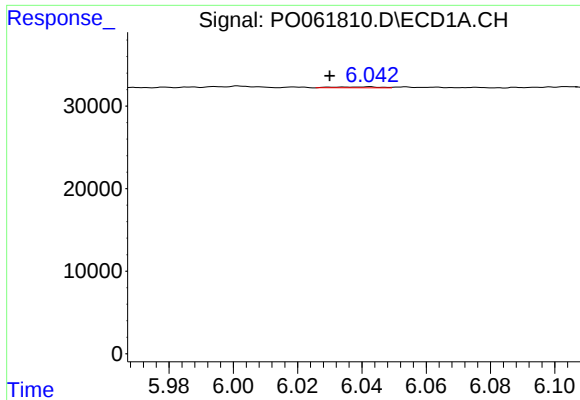
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: -0.018 min
Response: 3199
Conc: 2.39 ng/ml



#6 AR-1016-4

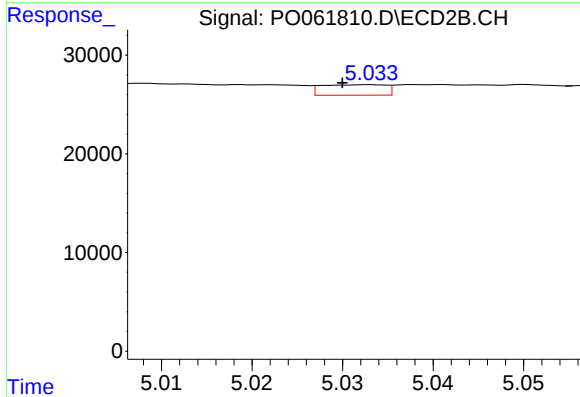
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 3807
Conc: 4.39 ng/ml



#7 AR-1016-5

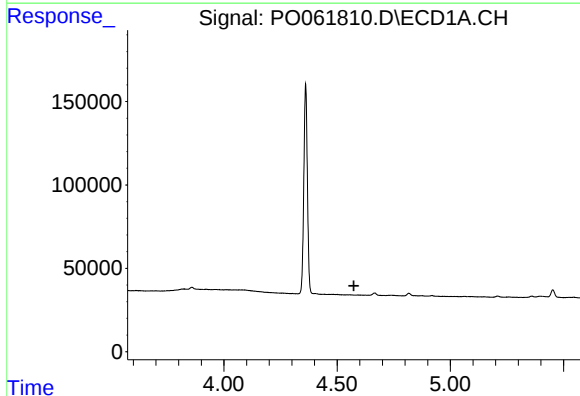
R.T.: 6.042 min
Delta R.T.: 0.012 min
Response: 1091
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



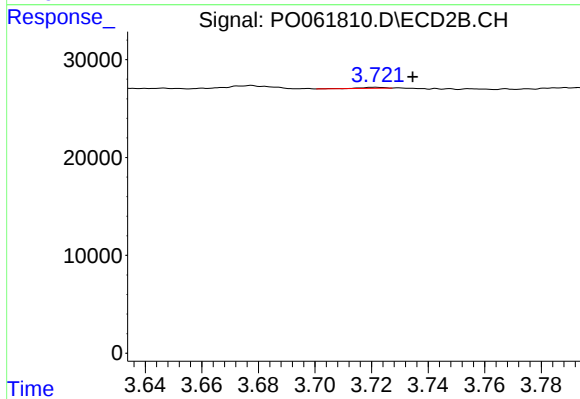
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: 0.003 min
Response: 5194
Conc: 4.55 ng/ml



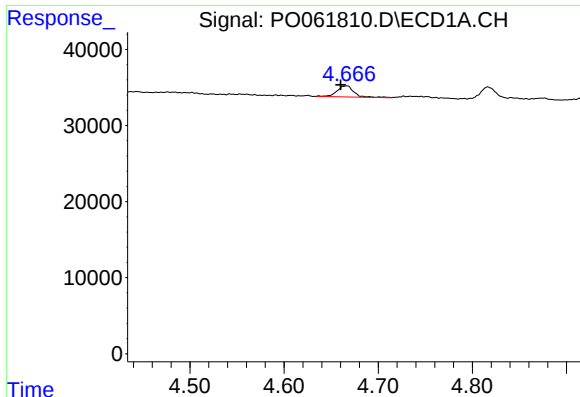
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



#8 AR-1221-1

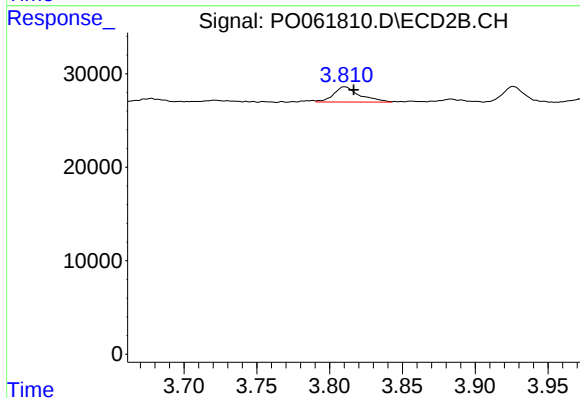
R.T.: 3.722 min
Delta R.T.: -0.013 min
Response: 664
Conc: 1.68 ng/ml



#9 AR-1221-2

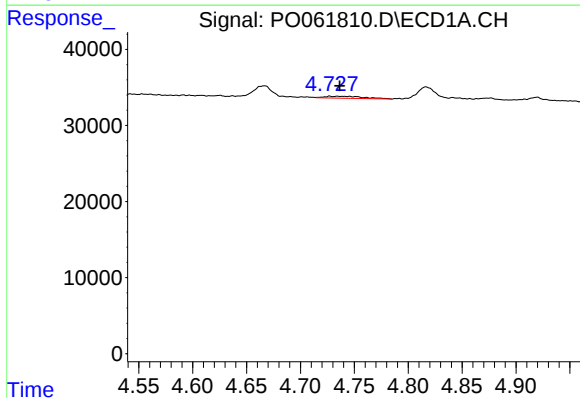
R.T.: 4.667 min
Delta R.T.: 0.006 min
Response: 18680
Conc: 52.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



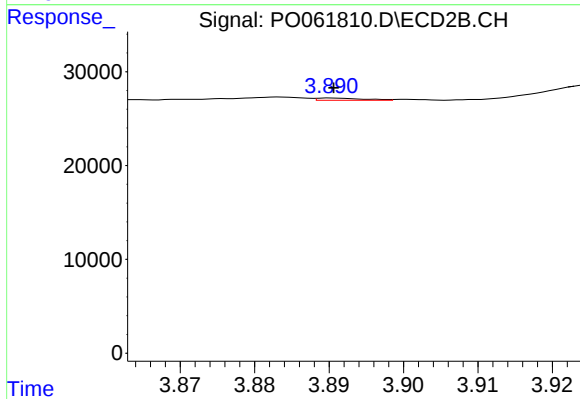
#9 AR-1221-2

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 20416
Conc: 66.20 ng/ml



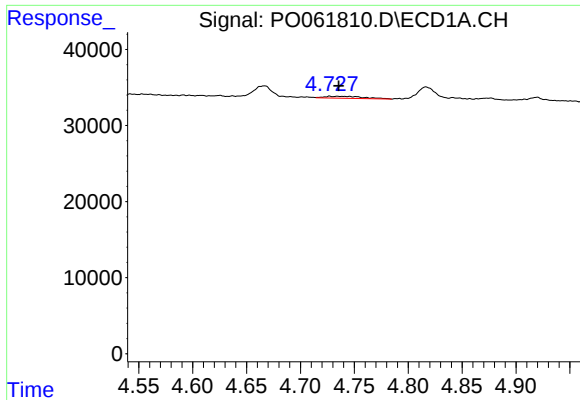
#10 AR-1221-3

R.T.: 4.727 min
Delta R.T.: -0.009 min
Response: 6548
Conc: 5.75 ng/ml



#10 AR-1221-3

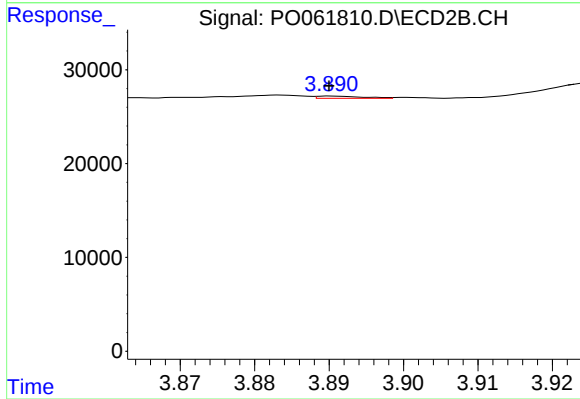
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 988
Conc: 1.08 ng/ml



#11 AR-1232-1

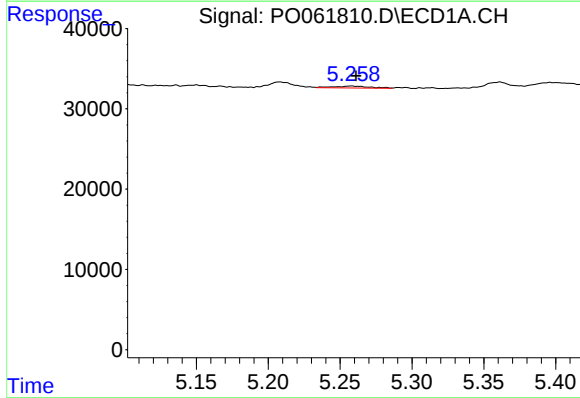
R.T.: 4.727 min
Delta R.T.: -0.008 min
Response: 6548
Conc: 4.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



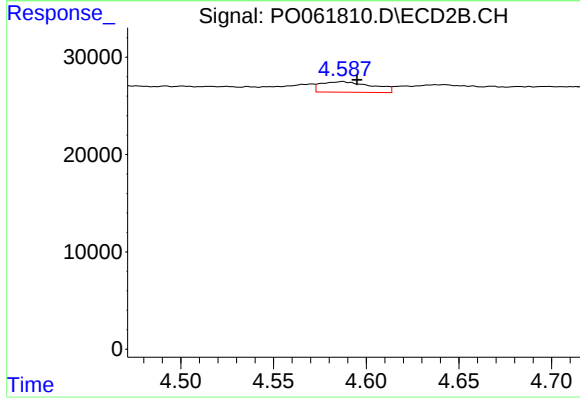
#11 AR-1232-1

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 988
Conc: 0.88 ng/ml



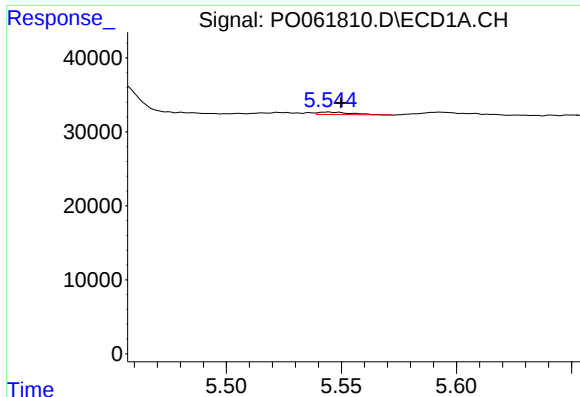
#12 AR-1232-2

R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 4260
Conc: 5.43 ng/ml



#12 AR-1232-2

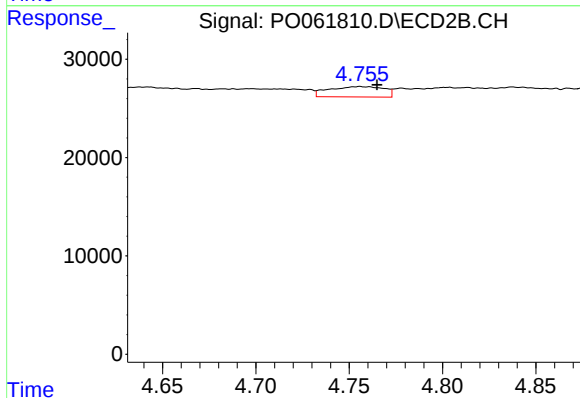
R.T.: 4.587 min
Delta R.T.: -0.008 min
Response: 20719
Conc: 16.97 ng/ml



#13 AR-1232-3

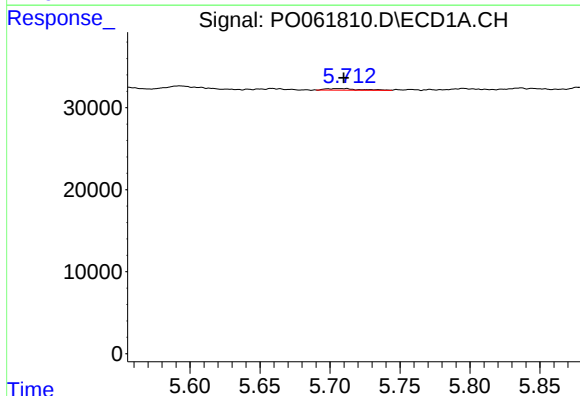
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 3291
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



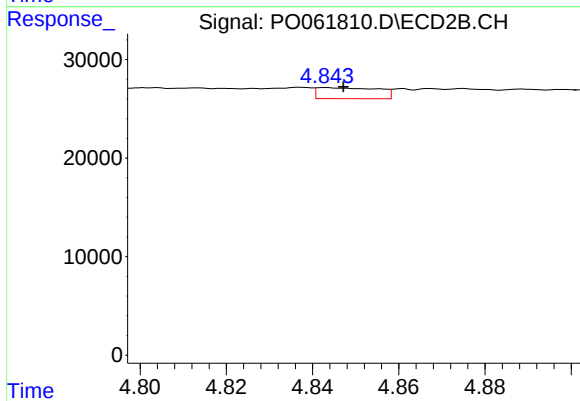
#13 AR-1232-3

R.T.: 4.756 min
Delta R.T.: -0.009 min
Response: 21542
Conc: 32.63 ng/ml



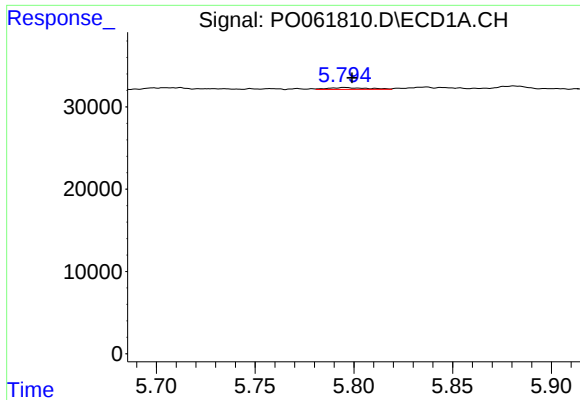
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 3199
Conc: 3.62 ng/ml



#14 AR-1232-4

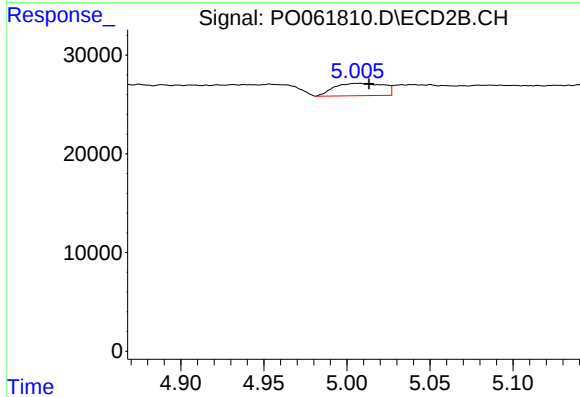
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 10941
Conc: 17.36 ng/ml



#15 AR-1232-5

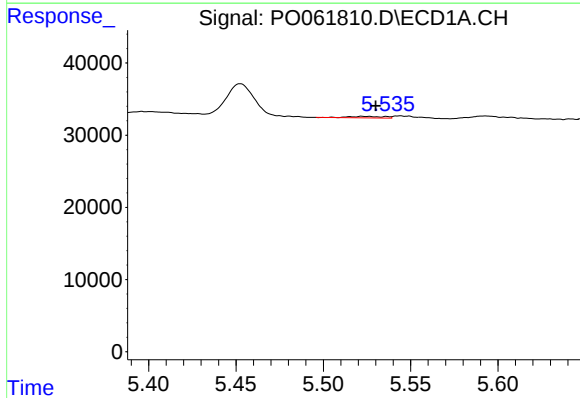
R.T.: 5.795 min
Delta R.T.: -0.004 min
Response: 2995
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



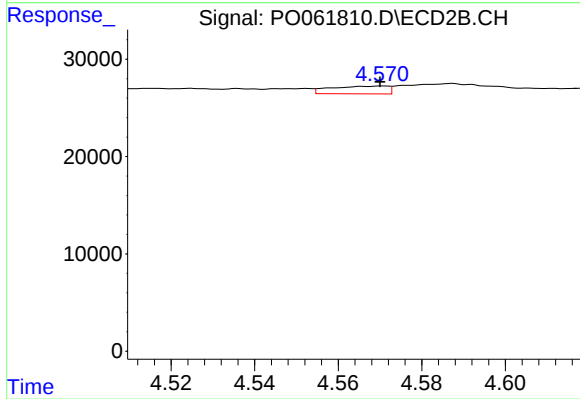
#15 AR-1232-5

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 25779
Conc: 37.57 ng/ml



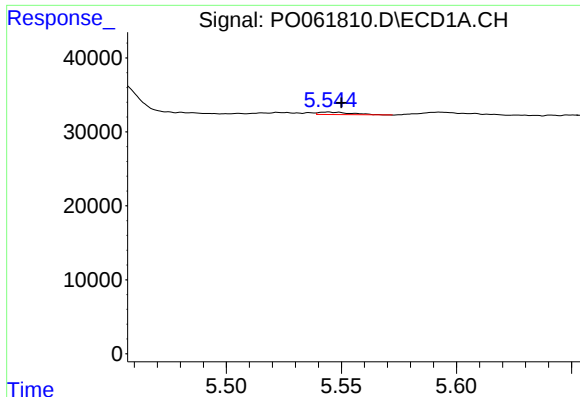
#16 AR-1242-1

R.T.: 5.523 min
Delta R.T.: -0.007 min
Response: 3044
Conc: 2.14 ng/ml



#16 AR-1242-1

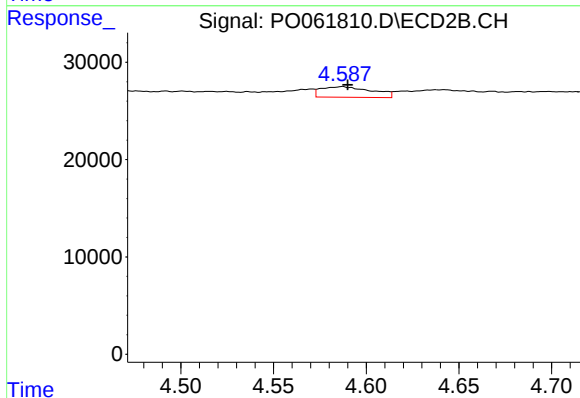
R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 7594
Conc: 7.41 ng/ml



#17 AR-1242-2

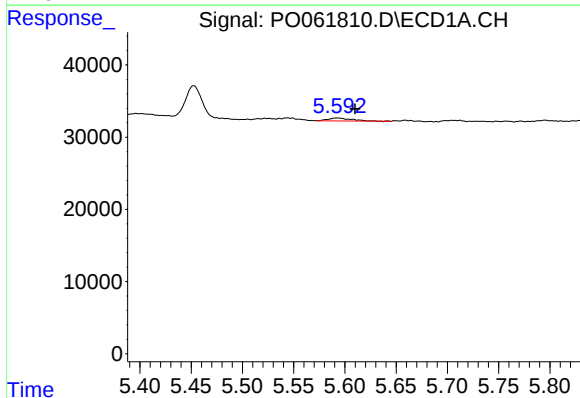
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 3291
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



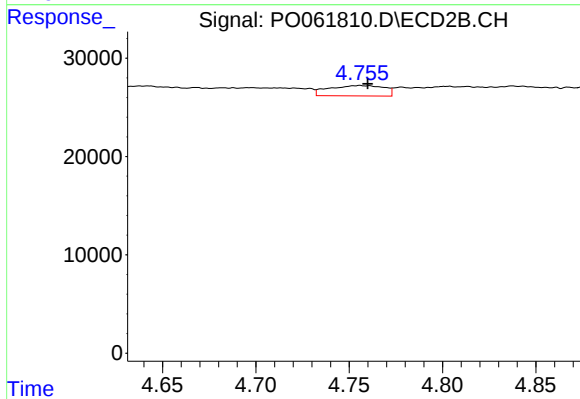
#17 AR-1242-2

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 20719
Conc: 14.69 ng/ml



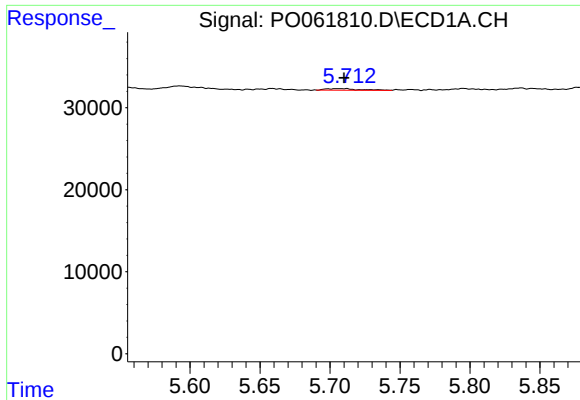
#18 AR-1242-3

R.T.: 5.593 min
Delta R.T.: -0.017 min
Response: 6544
Conc: 5.19 ng/ml



#18 AR-1242-3

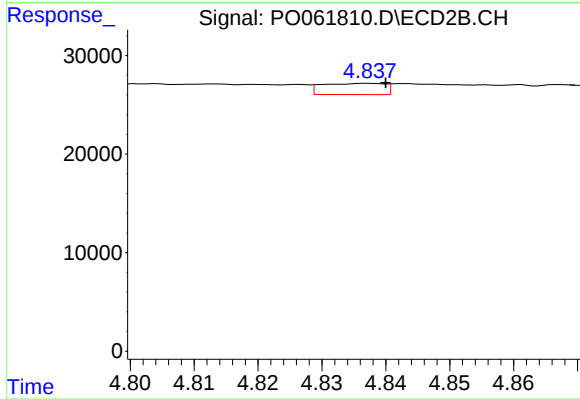
R.T.: 4.756 min
Delta R.T.: -0.004 min
Response: 21542
Conc: 27.59 ng/ml



#19 AR-1242-4

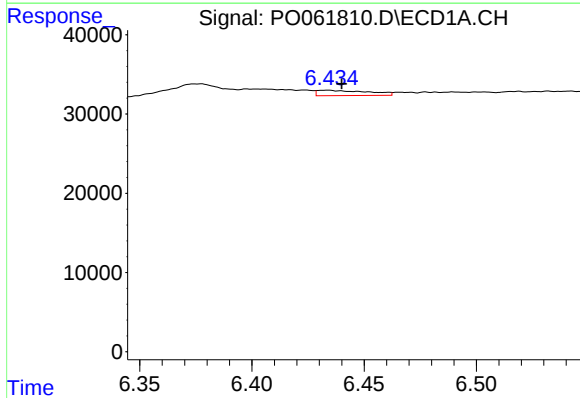
R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 3199
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



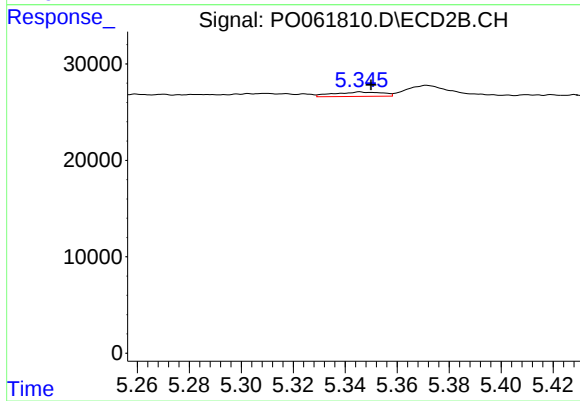
#19 AR-1242-4

R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 7695
Conc: 9.38 ng/ml



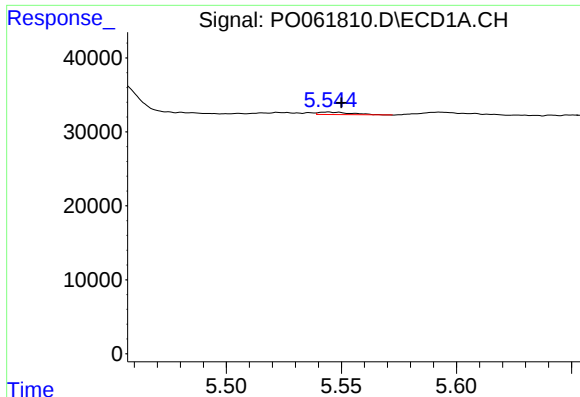
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: -0.006 min
Response: 10507
Conc: 7.86 ng/ml



#20 AR-1242-5

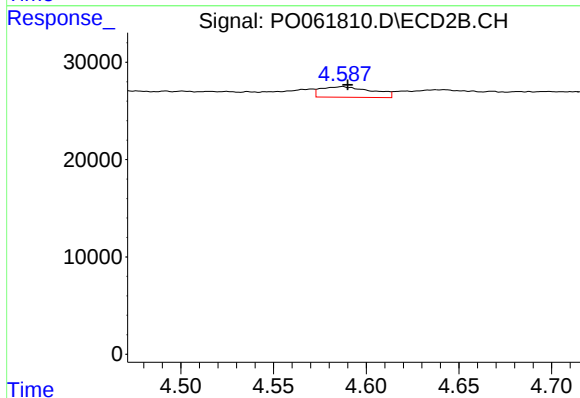
R.T.: 5.346 min
Delta R.T.: -0.004 min
Response: 6082
Conc: 5.68 ng/ml



#21 AR-1248-1

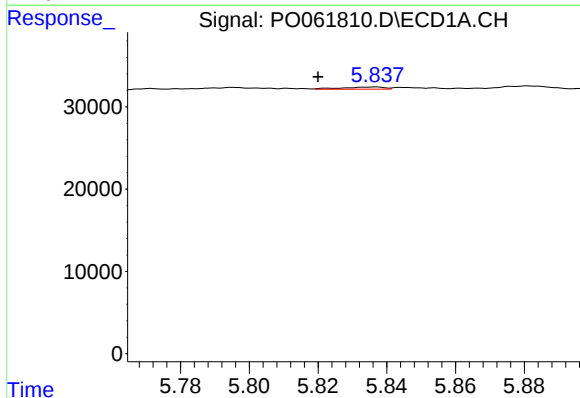
R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 3291
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



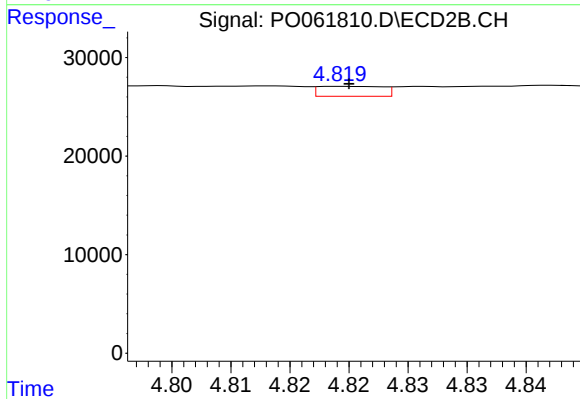
#21 AR-1248-1

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 20719
Conc: 23.15 ng/ml



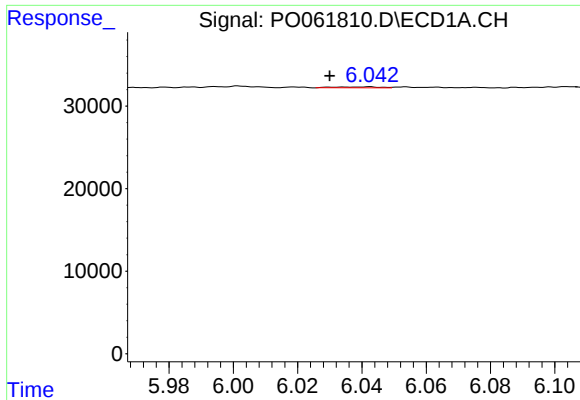
#22 AR-1248-2

R.T.: 5.836 min
Delta R.T.: 0.016 min
Response: 2302
Conc: 1.36 ng/ml



#22 AR-1248-2

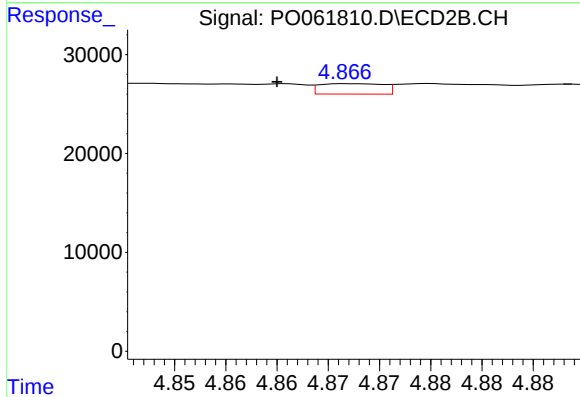
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 3807
Conc: 3.23 ng/ml



#23 AR-1248-3

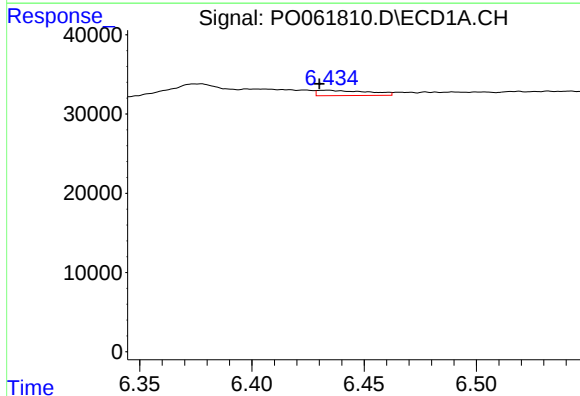
R.T.: 6.042 min
Delta R.T.: 0.012 min
Response: 1091
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



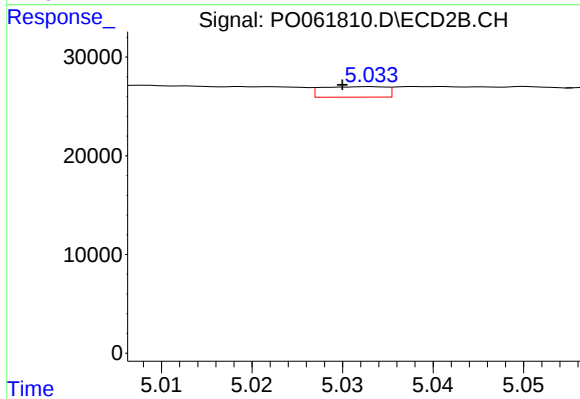
#23 AR-1248-3

R.T.: 4.867 min
Delta R.T.: 0.007 min
Response: 4566
Conc: 3.68 ng/ml



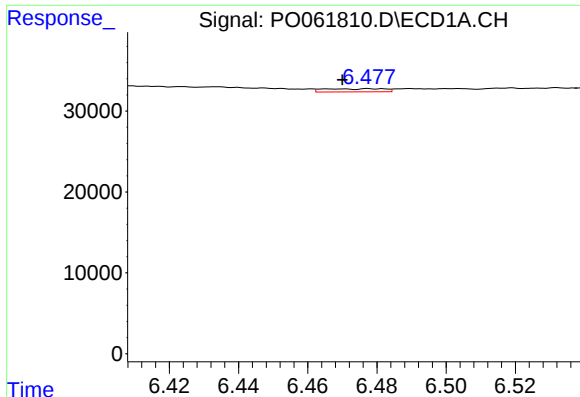
#24 AR-1248-4

R.T.: 6.434 min
Delta R.T.: 0.004 min
Response: 10507
Conc: 4.45 ng/ml



#24 AR-1248-4

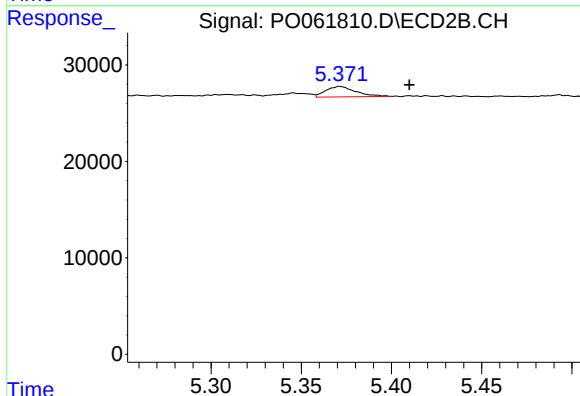
R.T.: 5.033 min
Delta R.T.: 0.003 min
Response: 5194
Conc: 3.45 ng/ml



#25 AR-1248-5

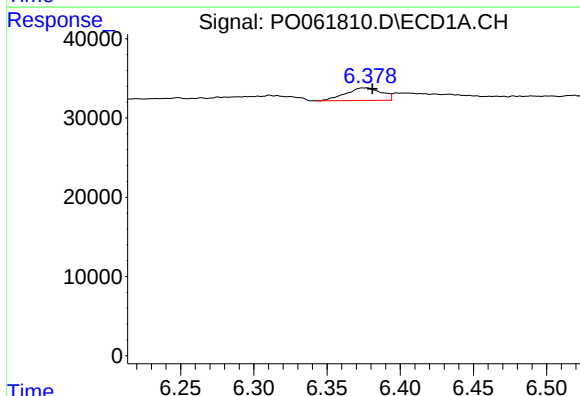
R.T.: 6.478 min
Delta R.T.: 0.008 min
Response: 4701
Conc: 2.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



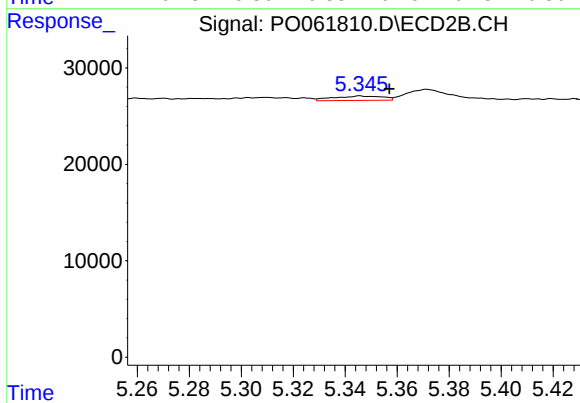
#25 AR-1248-5

R.T.: 5.371 min
Delta R.T.: -0.039 min
Response: 12625
Conc: 8.23 ng/ml



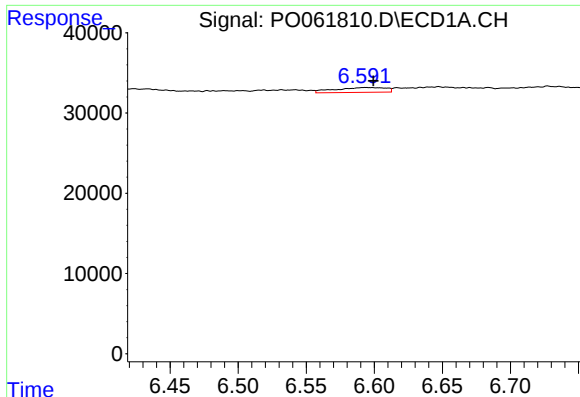
#26 AR-1254-1

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 27103
Conc: 11.88 ng/ml



#26 AR-1254-1

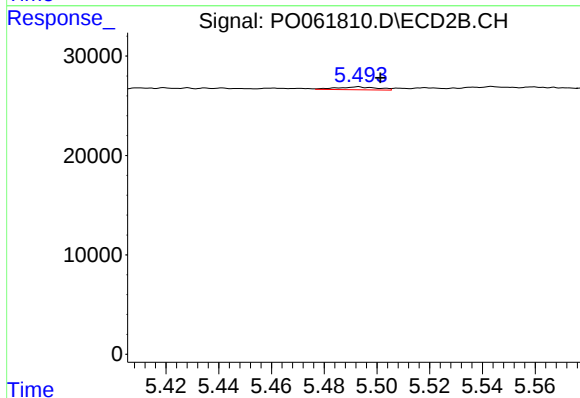
R.T.: 5.346 min
Delta R.T.: -0.011 min
Response: 6082
Conc: 2.77 ng/ml



#27 AR-1254-2

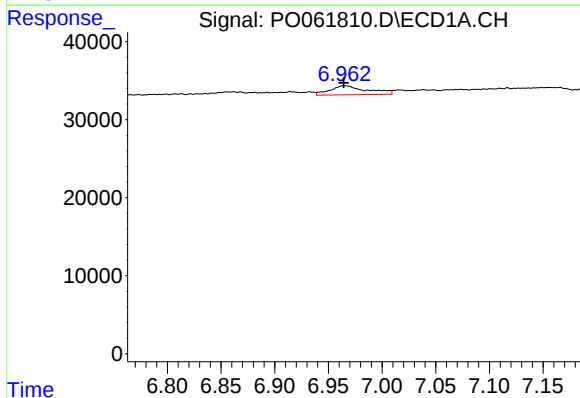
R.T.: 6.593 min
Delta R.T.: -0.006 min
Response: 15587
Conc: 4.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



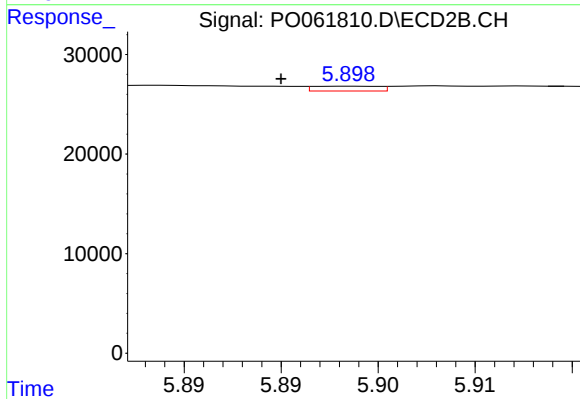
#27 AR-1254-2

R.T.: 5.493 min
Delta R.T.: -0.008 min
Response: 3227
Conc: 1.65 ng/ml



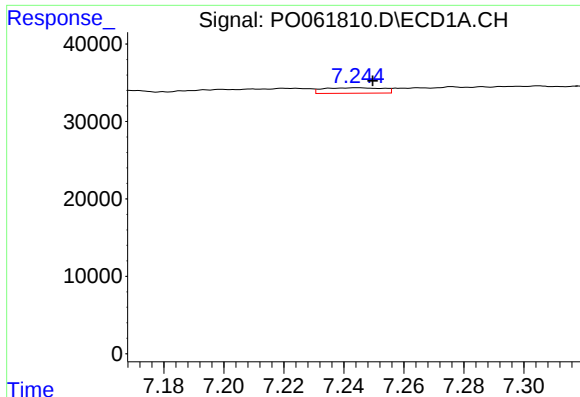
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.001 min
Response: 28031
Conc: 7.17 ng/ml



#28 AR-1254-3

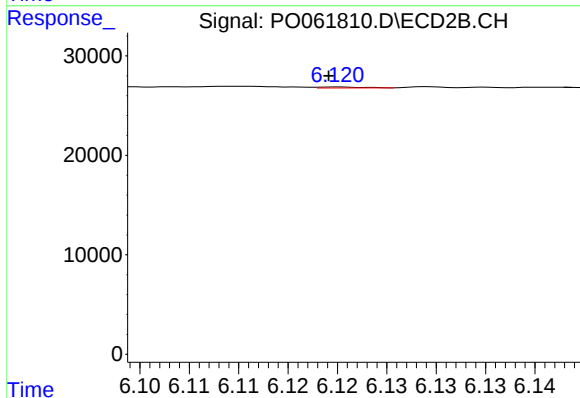
R.T.: 5.899 min
Delta R.T.: 0.004 min
Response: 1151
Conc: 0.36 ng/ml



#29 AR-1254-4

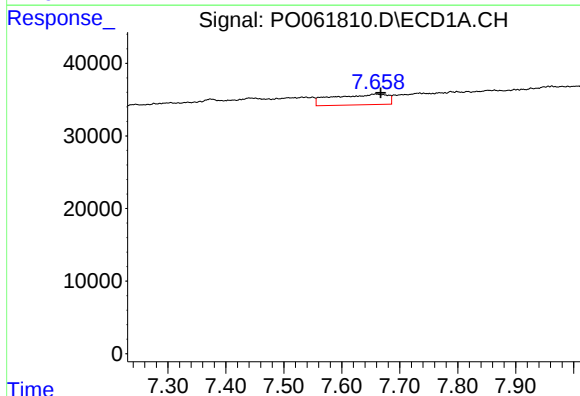
R.T.: 7.244 min
Delta R.T.: -0.005 min
Response: 9781
Conc: 3.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



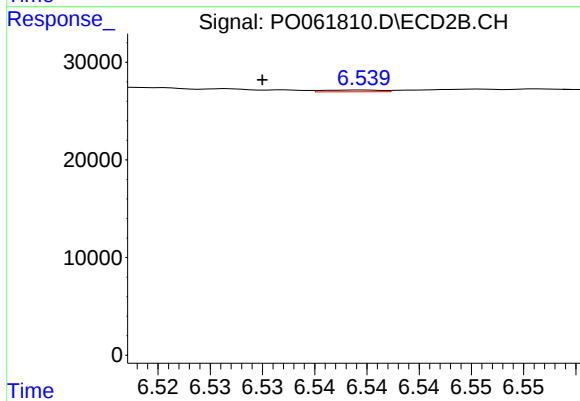
#29 AR-1254-4

R.T.: 6.120 min
Delta R.T.: 0.001 min
Response: 316
Conc: 0.16 ng/ml



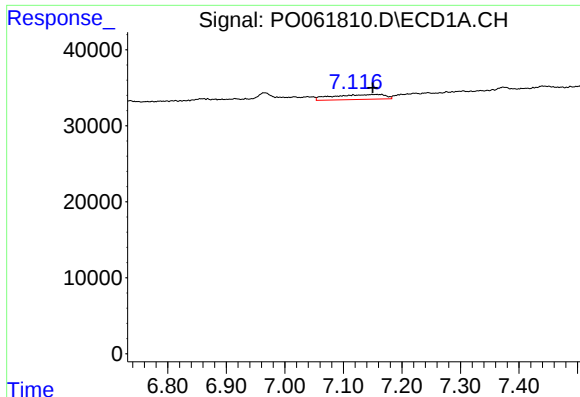
#30 AR-1254-5

R.T.: 7.658 min
Delta R.T.: -0.009 min
Response: 96006
Conc: 30.57 ng/ml



#30 AR-1254-5

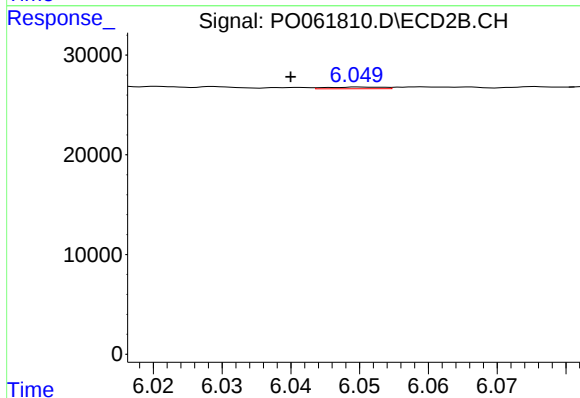
R.T.: 6.540 min
Delta R.T.: 0.010 min
Response: 717
Conc: 0.25 ng/ml



#31 AR-1260-1

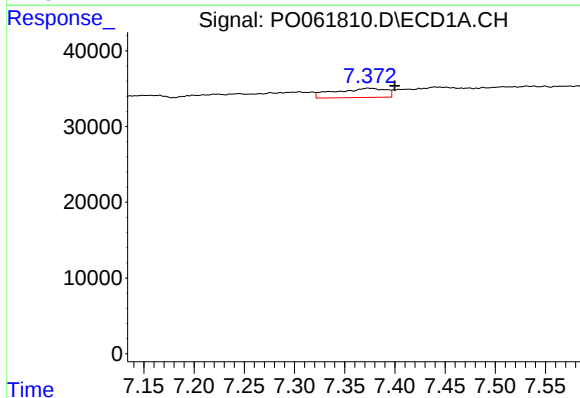
R.T.: 7.157 min
Delta R.T.: 0.007 min
Response: 40475
Conc: 15.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



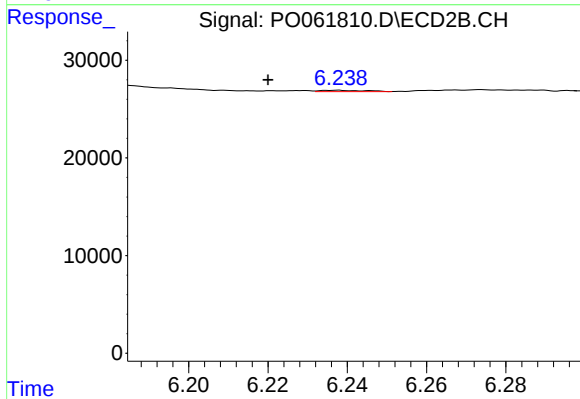
#31 AR-1260-1

R.T.: 6.050 min
Delta R.T.: 0.010 min
Response: 927
Conc: 0.45 ng/ml



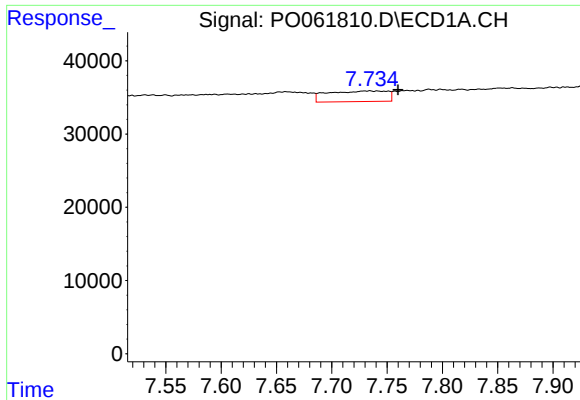
#32 AR-1260-2

R.T.: 7.374 min
Delta R.T.: -0.026 min
Response: 42730
Conc: 13.40 ng/ml



#32 AR-1260-2

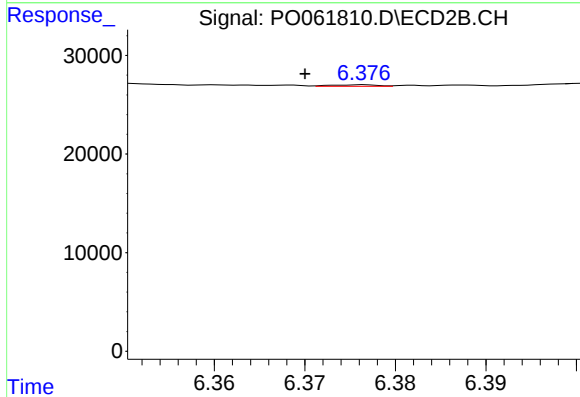
R.T.: 6.238 min
Delta R.T.: 0.018 min
Response: 995
Conc: 0.41 ng/ml



#33 AR-1260-3

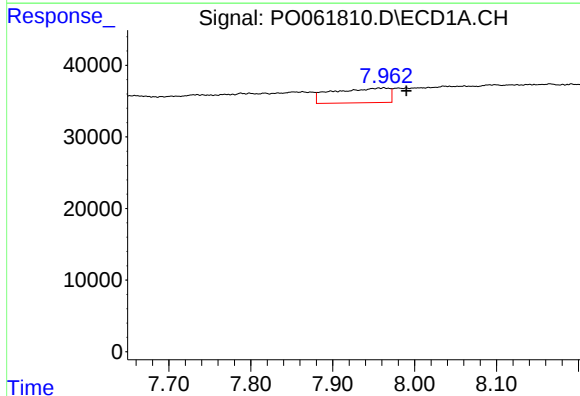
R.T.: 7.733 min
Delta R.T.: -0.027 min
Response: 54288
Conc: 22.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



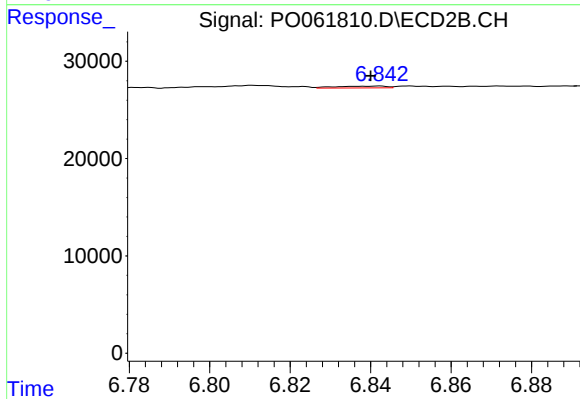
#33 AR-1260-3

R.T.: 6.377 min
Delta R.T.: 0.007 min
Response: 534
Conc: 0.24 ng/ml



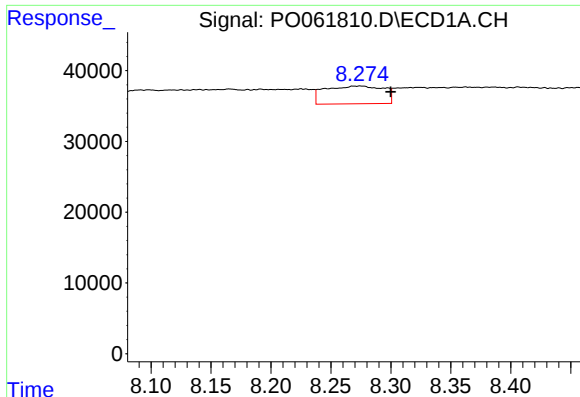
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: -0.028 min
Response: 97684
Conc: 36.56 ng/ml



#34 AR-1260-4

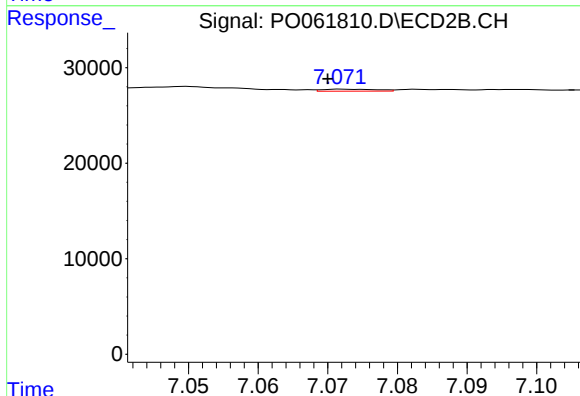
R.T.: 6.842 min
Delta R.T.: 0.002 min
Response: 1616
Conc: 0.88 ng/ml



#35 AR-1260-5

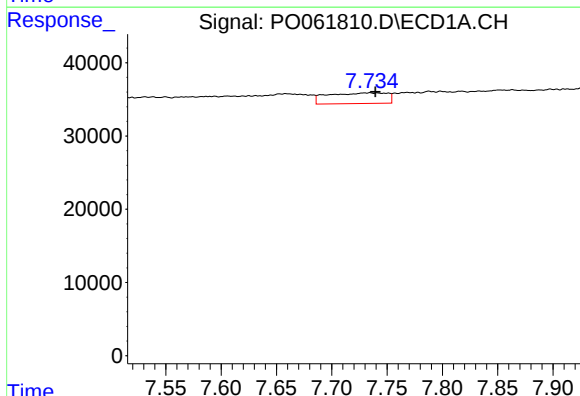
R.T.: 8.274 min
Delta R.T.: -0.026 min
Response: 85617
Conc: 17.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



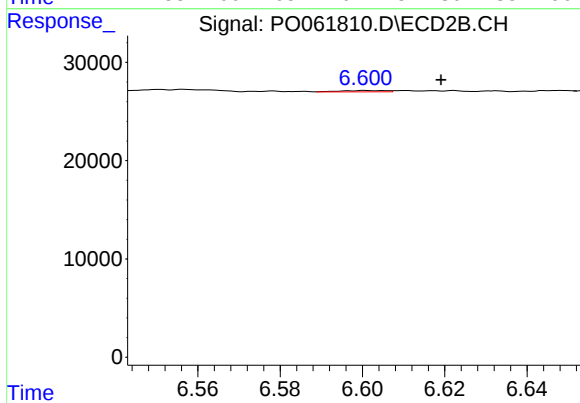
#35 AR-1260-5

R.T.: 7.072 min
Delta R.T.: 0.002 min
Response: 1155
Conc: 0.30 ng/ml



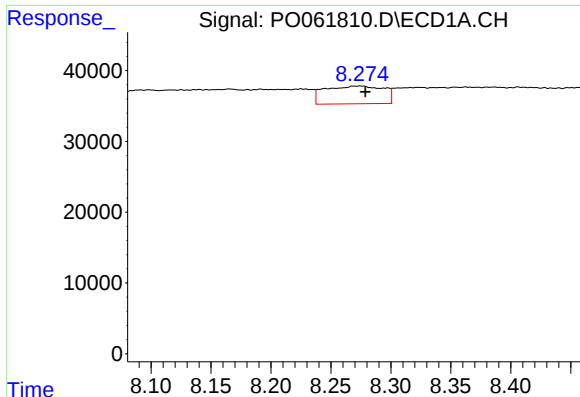
#36 AR-1262-1

R.T.: 7.733 min
Delta R.T.: -0.006 min
Response: 54288
Conc: 14.17 ng/ml



#36 AR-1262-1

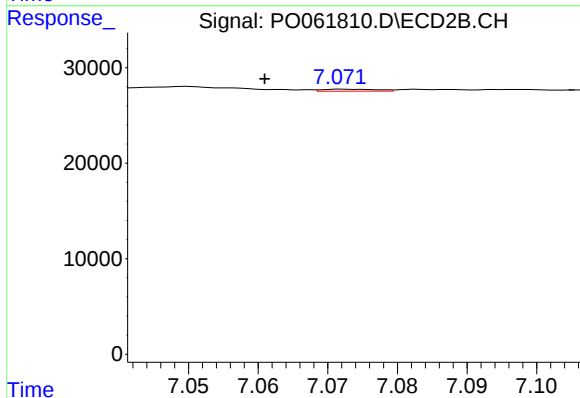
R.T.: 6.601 min
Delta R.T.: -0.018 min
Response: 997
Conc: 0.82 ng/ml



#37 AR-1262-2

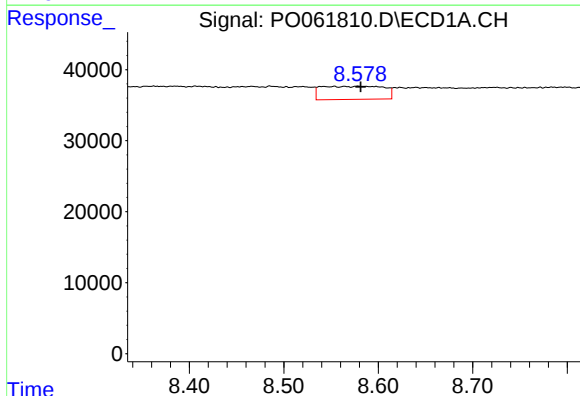
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 85617
Conc: 13.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



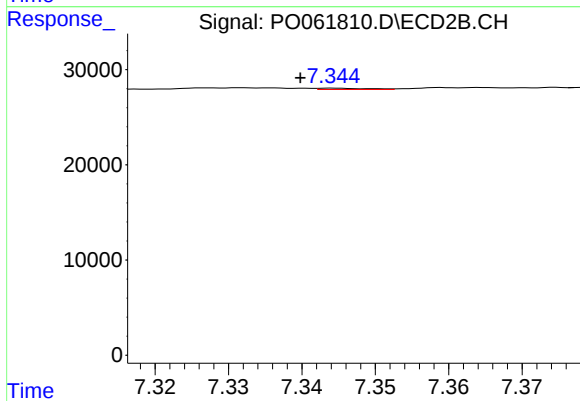
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 1155
Conc: 0.25 ng/ml



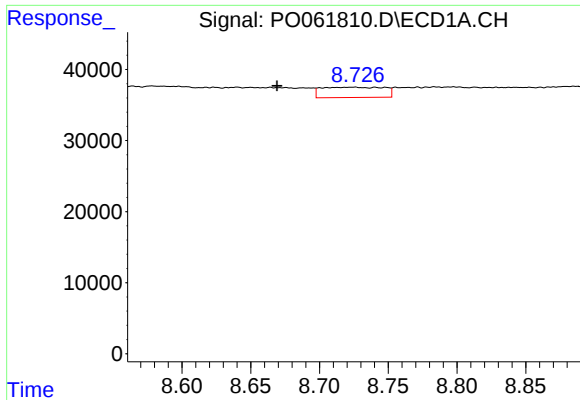
#38 AR-1262-3

R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 85067
Conc: 20.47 ng/ml



#38 AR-1262-3

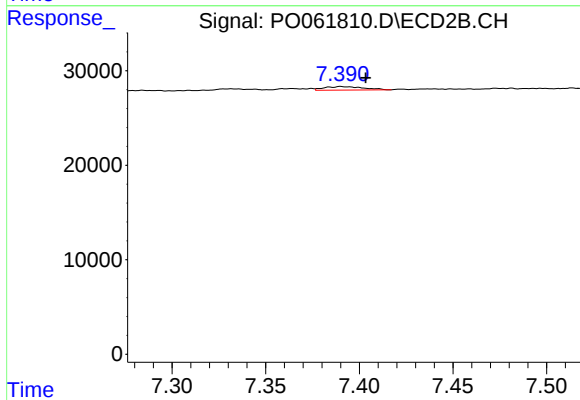
R.T.: 7.344 min
Delta R.T.: 0.005 min
Response: 629
Conc: 0.33 ng/ml



#39 AR-1262-4

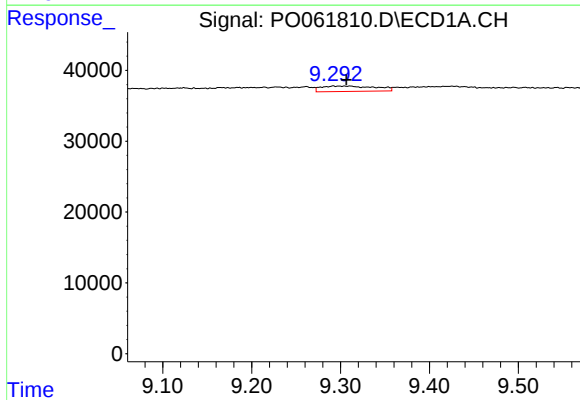
R.T.: 8.723 min
Delta R.T.: 0.054 min
Response: 45701
Conc: 14.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



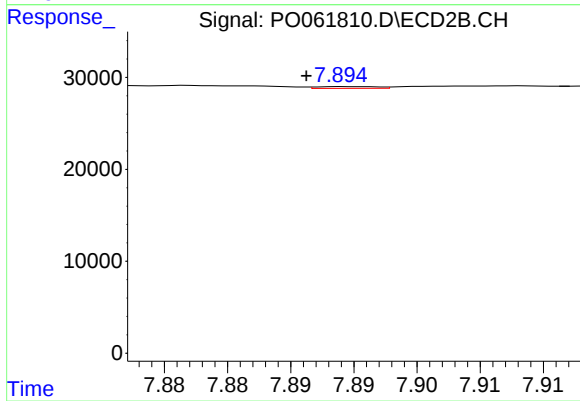
#39 AR-1262-4

R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 5341
Conc: 1.59 ng/ml



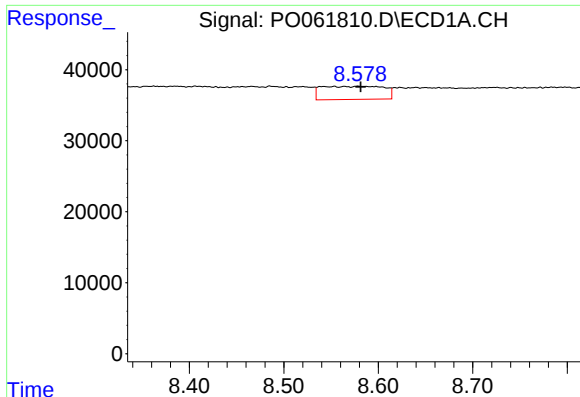
#40 AR-1262-5

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 32405
Conc: 15.93 ng/ml



#40 AR-1262-5

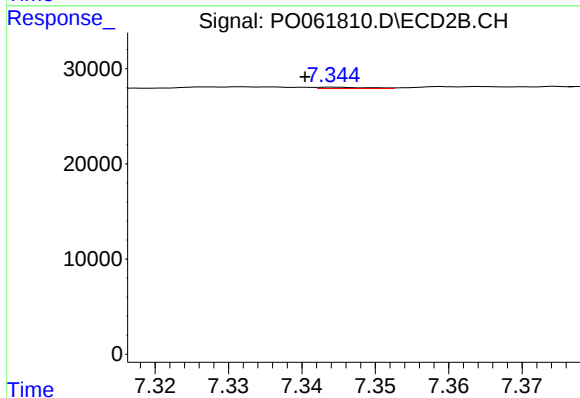
R.T.: 7.895 min
Delta R.T.: 0.003 min
Response: 644
Conc: 0.42 ng/ml



#41 AR-1268-1

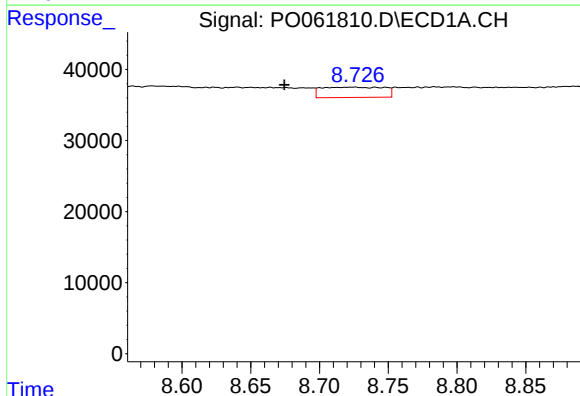
R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 85067
Conc: 12.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



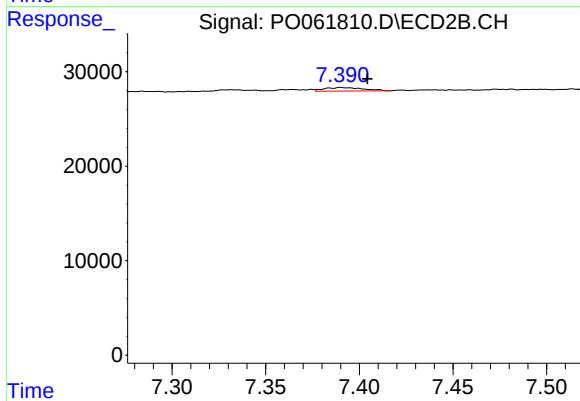
#41 AR-1268-1

R.T.: 7.344 min
Delta R.T.: 0.004 min
Response: 629
Conc: 0.13 ng/ml



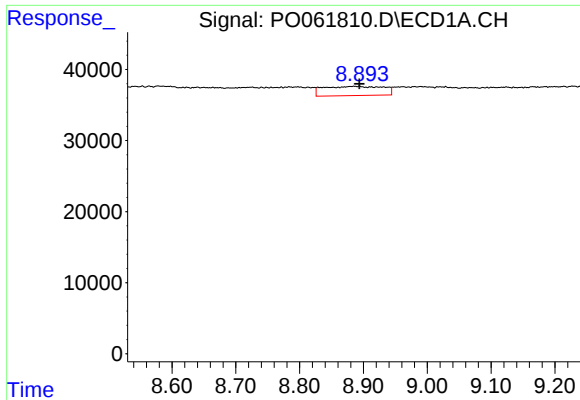
#42 AR-1268-2

R.T.: 8.723 min
Delta R.T.: 0.049 min
Response: 45701
Conc: 7.38 ng/ml



#42 AR-1268-2

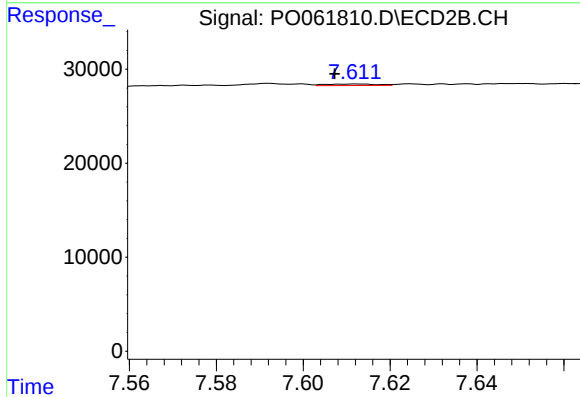
R.T.: 7.390 min
Delta R.T.: -0.014 min
Response: 5341
Conc: 1.24 ng/ml



#43 AR-1268-3

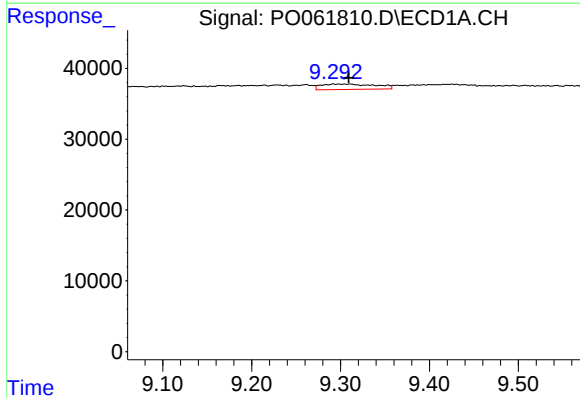
R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 84560
Conc: 16.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



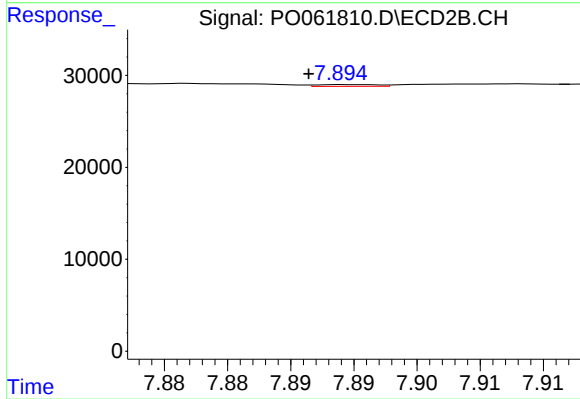
#43 AR-1268-3

R.T.: 7.612 min
Delta R.T.: 0.005 min
Response: 1334
Conc: 0.37 ng/ml



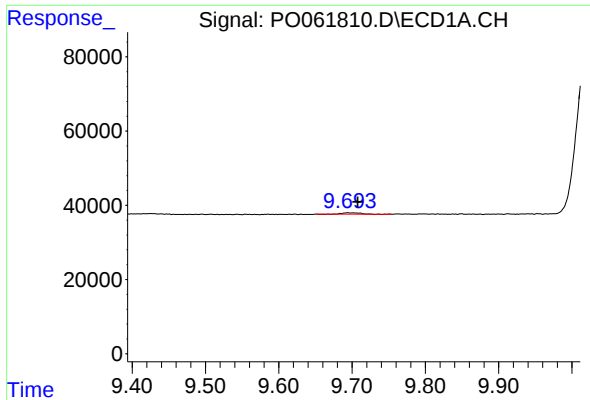
#44 AR-1268-4

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 32405
Conc: 14.82 ng/ml



#44 AR-1268-4

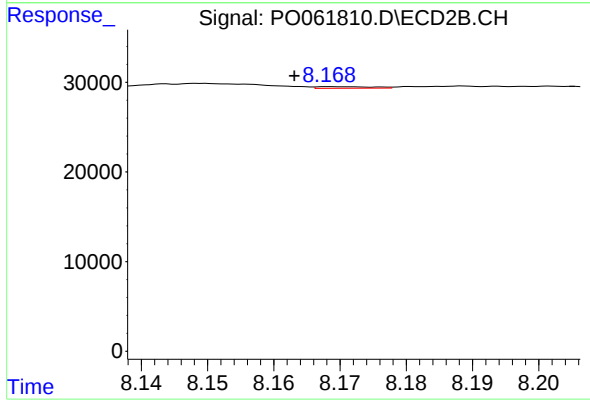
R.T.: 7.895 min
Delta R.T.: 0.003 min
Response: 644
Conc: 0.40 ng/ml



#45 AR-1268-5

R.T.: 9.695 min
Delta R.T.: -0.013 min
Response: 5139
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.169 min
Delta R.T.: 0.005 min
Response: 1036
Conc: 0.10 ng/ml