

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0100719\
 Data File : P0061728.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Oct 2019 8:05
 Operator : HP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 02:44:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0100119.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...	4.373	3.523	10130	57649	0.247	1.783 #
2)	SA Decachlor...	10.045	8.387	63158	40012	1.356	1.236
Target Compounds							
3)	L1 AR-1016-1	5.541	4.589	12303	115844	6.709	86.151 #
4)	L1 AR-1016-2	5.563	4.606	19224	25683	7.437	13.857 #
5)	L1 AR-1016-3	5.653	4.775	2100	38927	1.307	38.860 #
6)	L1 AR-1016-4	5.724	4.840	22797	170047	17.052	196.232 #
7)	L1 AR-1016-5	6.016	5.029	32067	38267	23.382	33.525 #
8)	L2 AR-1221-1	4.568	3.736	3182	10209	6.882	25.782 #
9)	L2 AR-1221-2	4.657	3.824	9576	45052	26.672	146.087 #
10)	L2 AR-1221-3	4.727	3.893	8957	15328	7.867	16.804 #
11)	L3 AR-1232-1	4.727	3.888	8957	13907	6.405	12.386 #
12)	L3 AR-1232-2	5.247	4.589	5428	115844	6.918	94.900 #
13)	L3 AR-1232-3	5.541	4.766	12303	76729	7.200	116.211 #
14)	L3 AR-1232-4	5.724	4.845	22797	34944	25.766	55.435 #
15)	L3 AR-1232-5	5.813	5.011	20304	136357	29.285	198.728 #
16)	L4 AR-1242-1	5.541	4.574	12303	130739	8.663	127.612 #
17)	L4 AR-1242-2	5.541	4.589	12303	115844	6.121	82.146 #
18)	L4 AR-1242-3	5.625	4.755	15665	82355	12.414	105.464 #
19)	L4 AR-1242-4	5.724	4.840	22797	170047	21.696	207.223 #
20)	L4 AR-1242-5	6.456	5.352	167254	202456	125.051	188.991 #
21)	L5 AR-1248-1	5.541	4.589	12303	115844	10.472	129.461 #
22)	L5 AR-1248-2	5.813	4.840	20304	170047	12.034	144.320 #
23)	L5 AR-1248-3	6.016	4.859	32067	16785	17.159	13.522
24)	L5 AR-1248-4	6.456	5.029	167254	38267	70.785	25.455 #
25)	L5 AR-1248-5	6.456	5.410	167254	34366	73.764	22.401 #
26)	L6 AR-1254-1	6.393	5.352	299541	202456	131.297	92.307 #
27)	L6 AR-1254-2	6.608	5.496	210833	252272	58.353	128.678 #
28)	L6 AR-1254-3	6.975	5.890	312535	199789	79.986	62.753
29)	L6 AR-1254-4	7.260	6.113	373161	165419	123.211	81.533 #
30)	L6 AR-1254-5	7.676	6.523	459287	128582	146.251	45.460 #
31)	L7 AR-1260-1	7.134	6.045	184193	24963	70.558	12.238 #
32)	L7 AR-1260-2	7.393	6.235	493316	30389	154.742	12.653 #
33)	L7 AR-1260-3	7.751	6.389	467486	33818	194.634	15.010 #
34)	L7 AR-1260-4	8.002	6.851	83017	34230	31.069	18.541 #
35)	L7 AR-1260-5	8.291	7.054	384831	121958	77.773	31.322 #
36)	L8 AR-1262-1	7.751	6.614	467486	19625	122.012	16.078 #
37)	L8 AR-1262-2	8.291	7.054	384831	121958	61.989	26.524 #
38)	L8 AR-1262-3	8.611	7.333	399651	68082	96.155	36.141 #
39)	L8 AR-1262-4	8.665	7.396	171507	106707	54.328	31.751 #
40)	L8 AR-1262-5	9.320	7.884	177217	55761	87.143	36.783 #
41)	L9 AR-1268-1	8.611	7.333	399651	68082	59.433	14.098 #
42)	L9 AR-1268-2	8.665	7.396	171507	106707	27.696	24.759

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 Operator : HP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

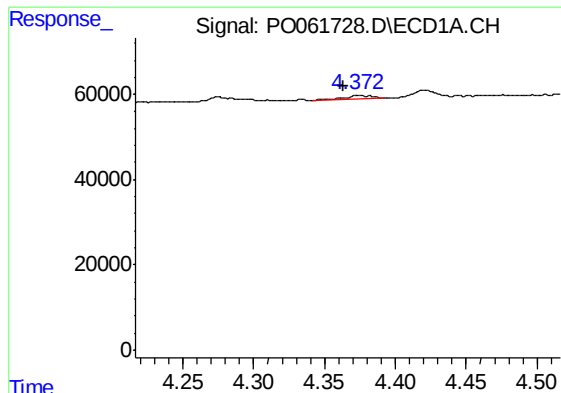
Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

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
43) L9	AR-1268-3	8.892	7.613	129660	21669	25.364	6.046 #
44) L9	AR-1268-4	9.320	7.884	177217	55761	81.047	34.648 #
45) L9	AR-1268-5	9.727	8.154	9521	13823	0.634	1.375 #

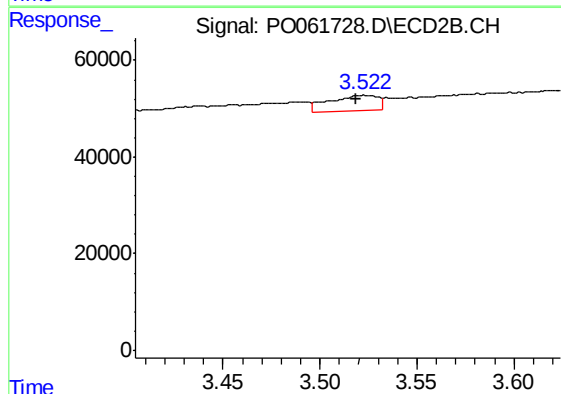
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

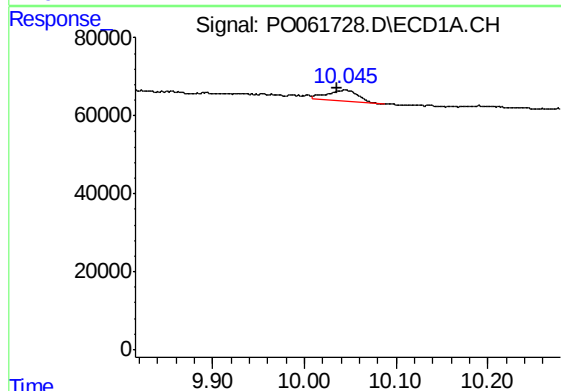
R.T.: 4.373 min
Delta R.T.: 0.010 min
Response: 10130
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



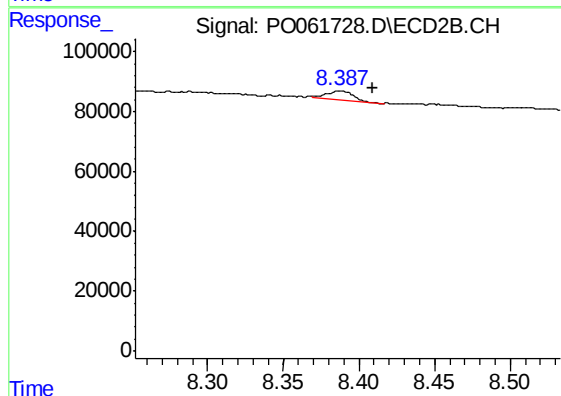
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: 0.004 min
Response: 57649
Conc: 1.78 ng/ml



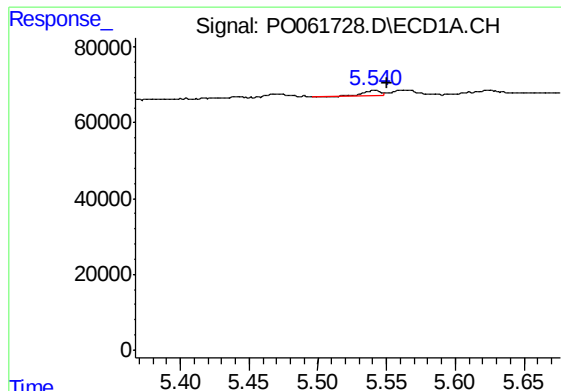
#2 Decachlorobiphenyl

R.T.: 10.045 min
Delta R.T.: 0.009 min
Response: 63158
Conc: 1.36 ng/ml



#2 Decachlorobiphenyl

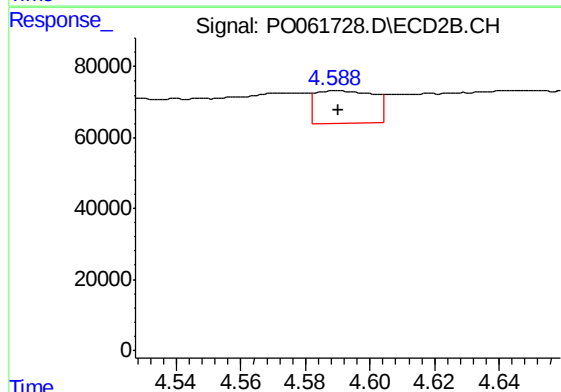
R.T.: 8.387 min
Delta R.T.: -0.022 min
Response: 40012
Conc: 1.24 ng/ml



#3 AR-1016-1

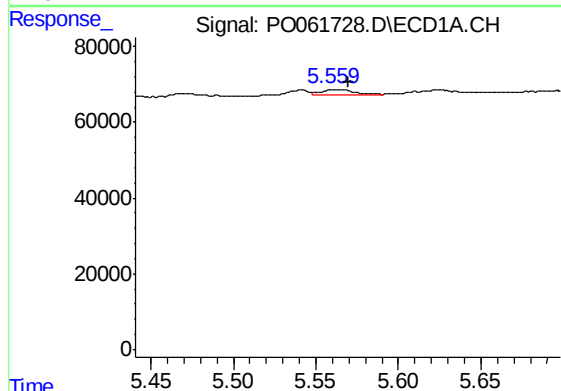
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 12303
Conc: 6.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



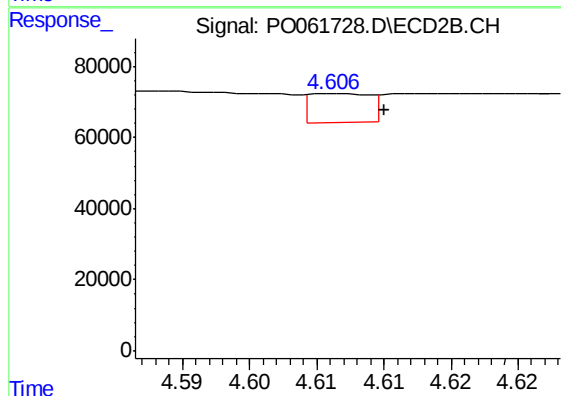
#3 AR-1016-1

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 115844
Conc: 86.15 ng/ml



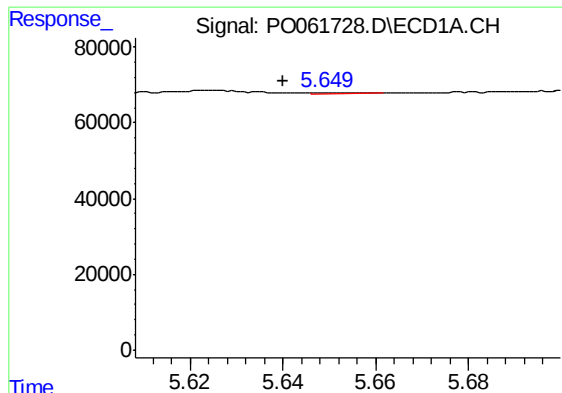
#4 AR-1016-2

R.T.: 5.563 min
Delta R.T.: -0.007 min
Response: 19224
Conc: 7.44 ng/ml



#4 AR-1016-2

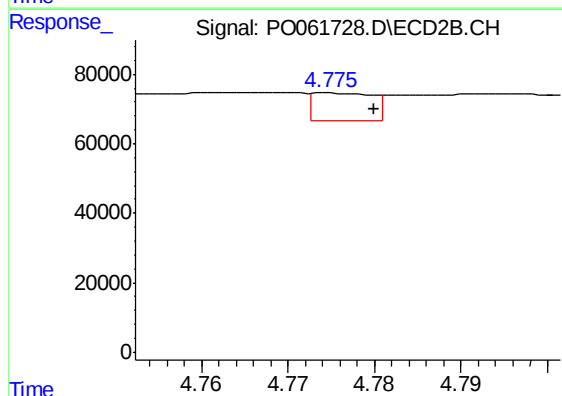
R.T.: 4.606 min
Delta R.T.: -0.004 min
Response: 25683
Conc: 13.86 ng/ml



#5 AR-1016-3

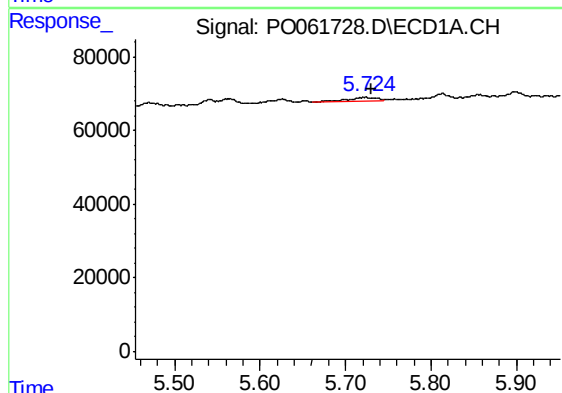
R.T.: 5.653 min
Delta R.T.: 0.013 min
Response: 2100
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



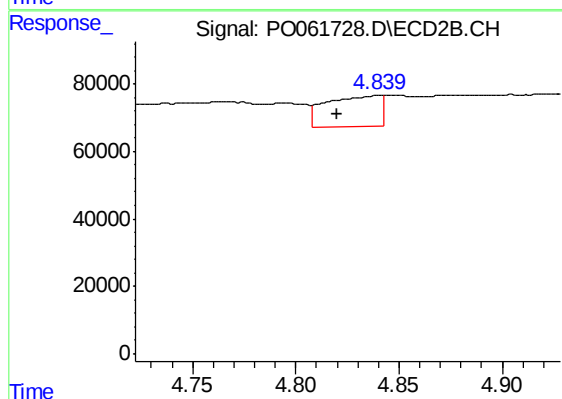
#5 AR-1016-3

R.T.: 4.775 min
Delta R.T.: -0.005 min
Response: 38927
Conc: 38.86 ng/ml



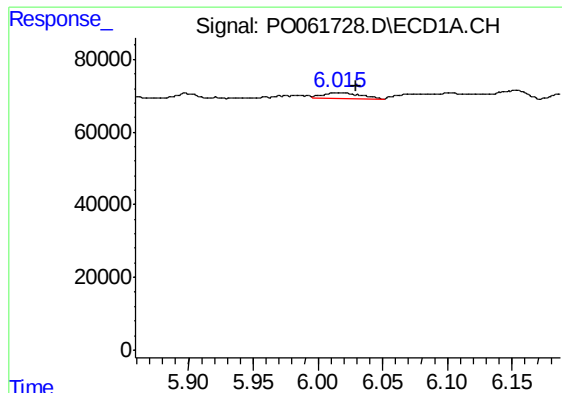
#6 AR-1016-4

R.T.: 5.724 min
Delta R.T.: -0.006 min
Response: 22797
Conc: 17.05 ng/ml



#6 AR-1016-4

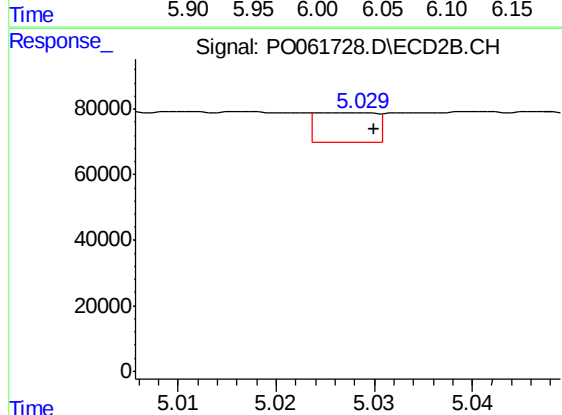
R.T.: 4.840 min
Delta R.T.: 0.020 min
Response: 170047
Conc: 196.23 ng/ml



#7 AR-1016-5

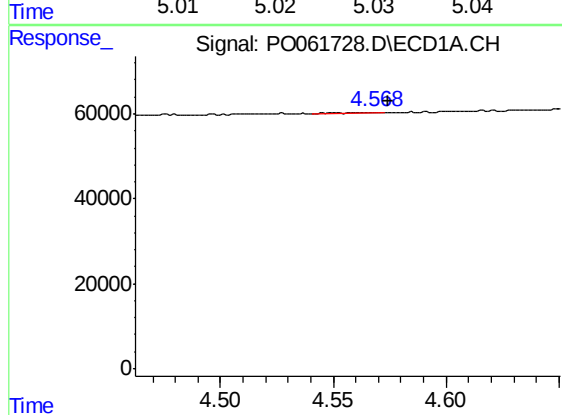
R.T.: 6.016 min
Delta R.T.: -0.014 min
Response: 32067
Conc: 23.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



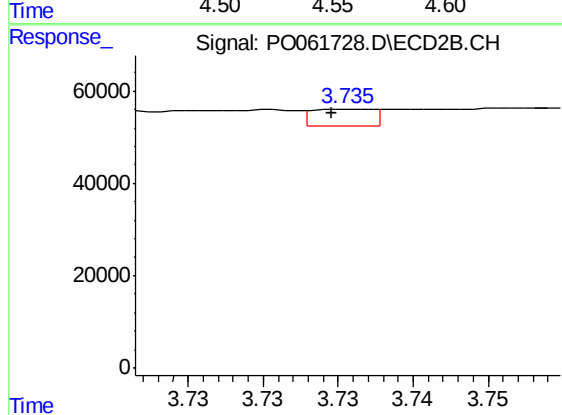
#7 AR-1016-5

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 38267
Conc: 33.53 ng/ml



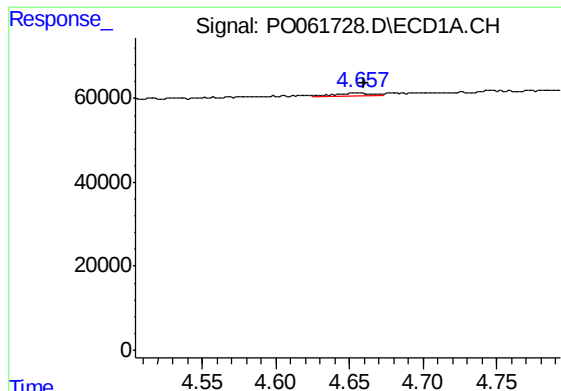
#8 AR-1221-1

R.T.: 4.568 min
Delta R.T.: -0.006 min
Response: 3182
Conc: 6.88 ng/ml



#8 AR-1221-1

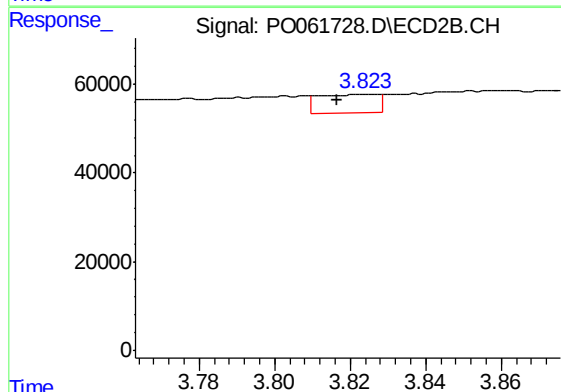
R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 10209
Conc: 25.78 ng/ml



#9 AR-1221-2

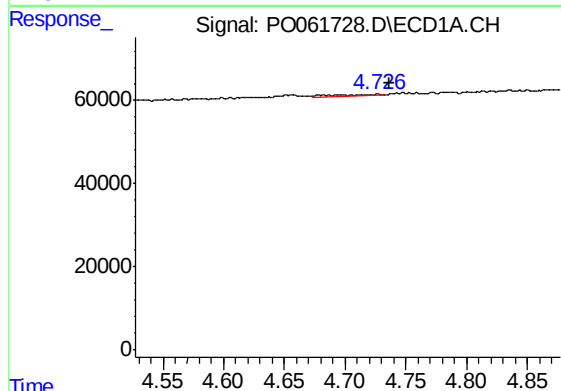
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 9576
Conc: 26.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



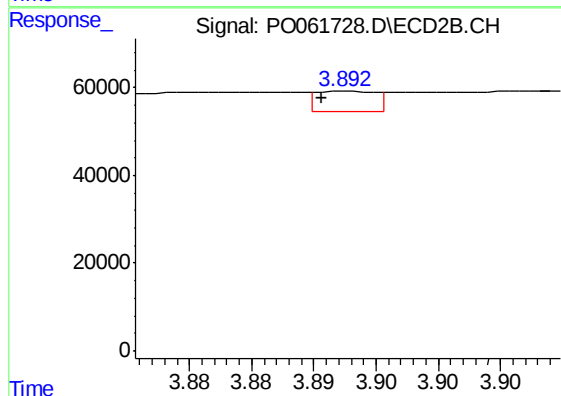
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: 0.007 min
Response: 45052
Conc: 146.09 ng/ml



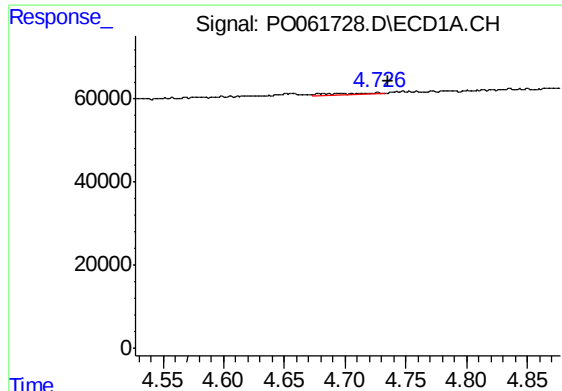
#10 AR-1221-3

R.T.: 4.727 min
Delta R.T.: -0.010 min
Response: 8957
Conc: 7.87 ng/ml



#10 AR-1221-3

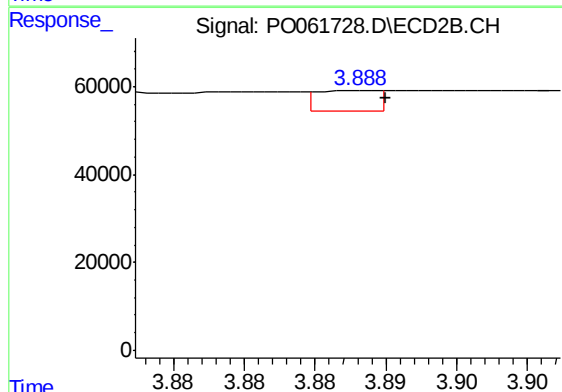
R.T.: 3.893 min
Delta R.T.: 0.002 min
Response: 15328
Conc: 16.80 ng/ml



#11 AR-1232-1

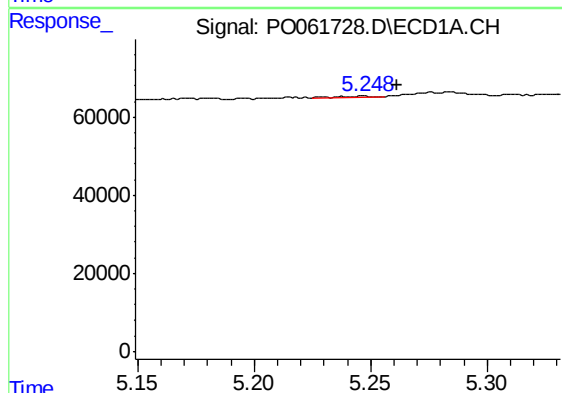
R.T.: 4.727 min
Delta R.T.: -0.009 min
Response: 8957
Conc: 6.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



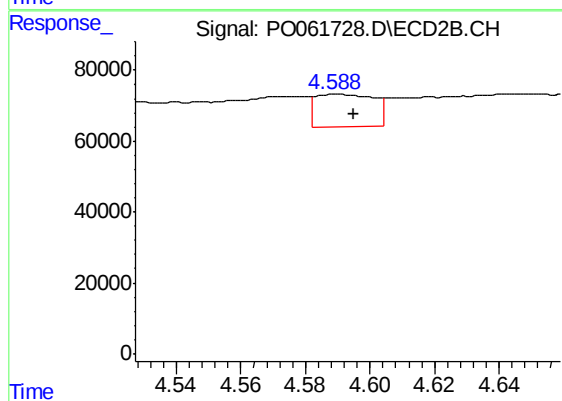
#11 AR-1232-1

R.T.: 3.888 min
Delta R.T.: -0.002 min
Response: 13907
Conc: 12.39 ng/ml



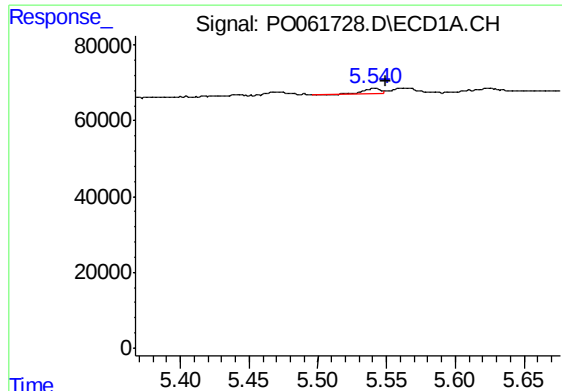
#12 AR-1232-2

R.T.: 5.247 min
Delta R.T.: -0.014 min
Response: 5428
Conc: 6.92 ng/ml



#12 AR-1232-2

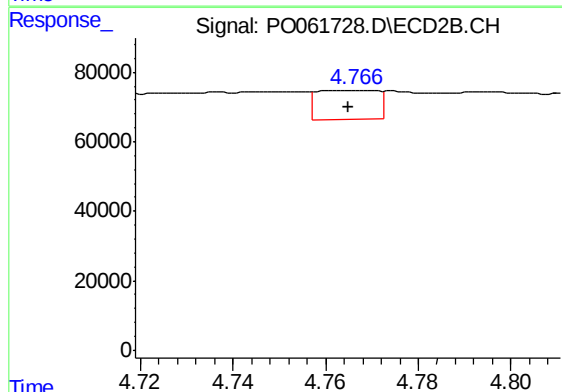
R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 115844
Conc: 94.90 ng/ml



#13 AR-1232-3

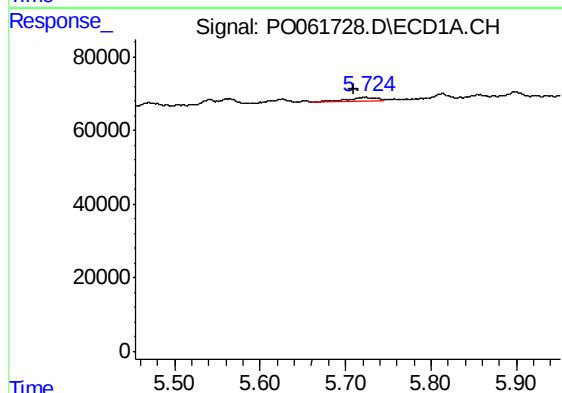
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 12303
Conc: 7.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



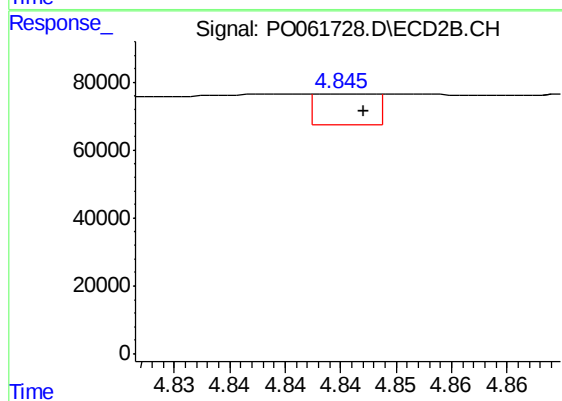
#13 AR-1232-3

R.T.: 4.766 min
Delta R.T.: 0.001 min
Response: 76729
Conc: 116.21 ng/ml



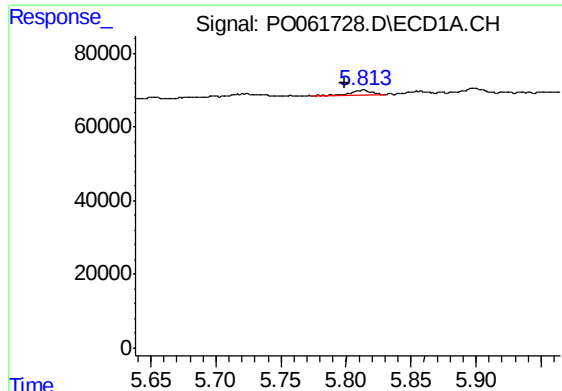
#14 AR-1232-4

R.T.: 5.724 min
Delta R.T.: 0.014 min
Response: 22797
Conc: 25.77 ng/ml



#14 AR-1232-4

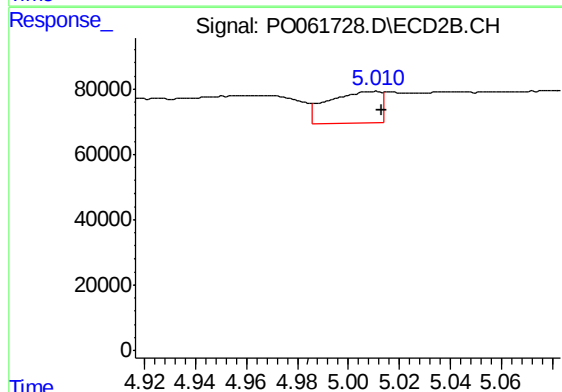
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 34944
Conc: 55.43 ng/ml



#15 AR-1232-5

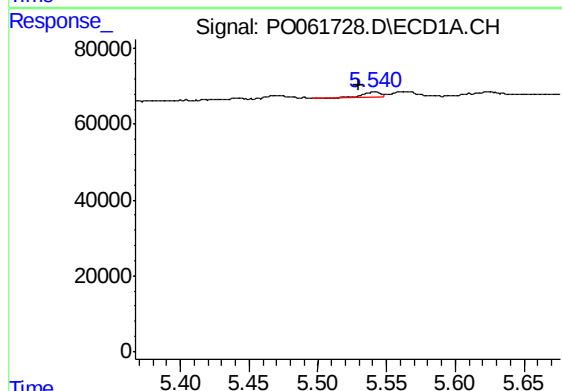
R.T.: 5.813 min
Delta R.T.: 0.014 min
Response: 20304
Conc: 29.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



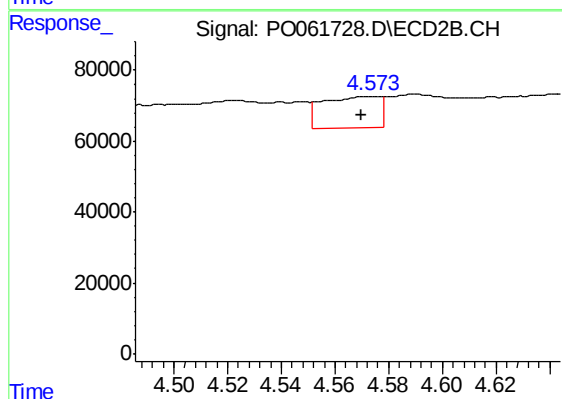
#15 AR-1232-5

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 136357
Conc: 198.73 ng/ml



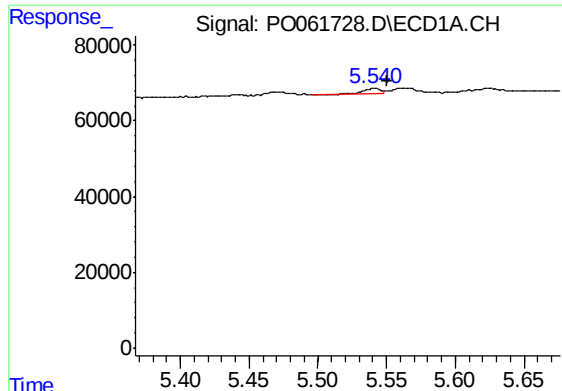
#16 AR-1242-1

R.T.: 5.541 min
Delta R.T.: 0.011 min
Response: 12303
Conc: 8.66 ng/ml



#16 AR-1242-1

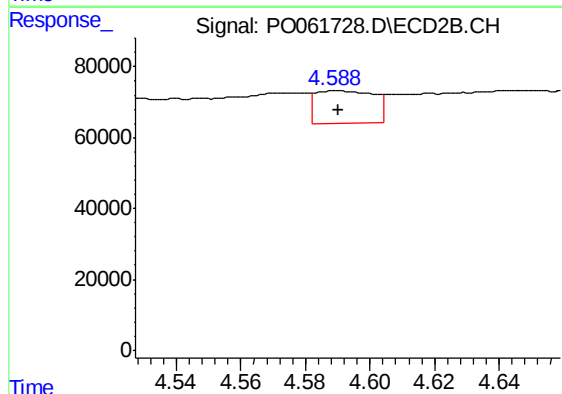
R.T.: 4.574 min
Delta R.T.: 0.004 min
Response: 130739
Conc: 127.61 ng/ml



#17 AR-1242-2

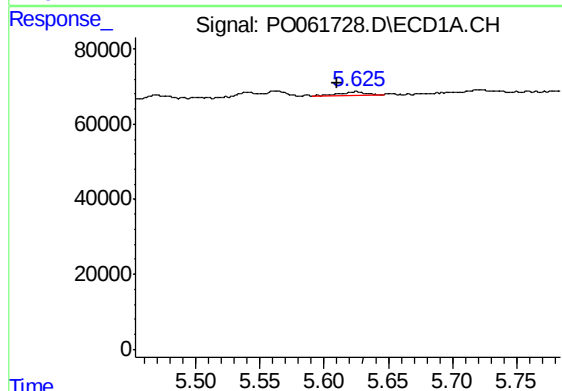
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 12303
Conc: 6.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



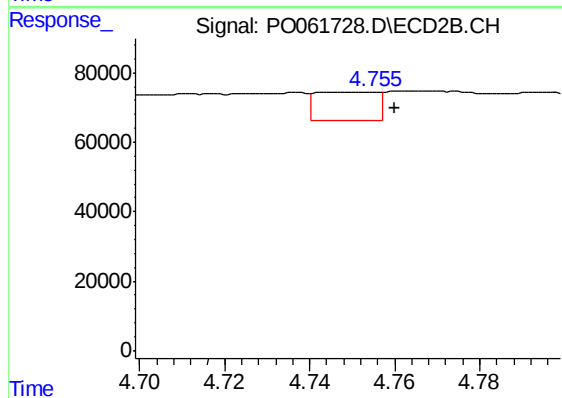
#17 AR-1242-2

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 115844
Conc: 82.15 ng/ml



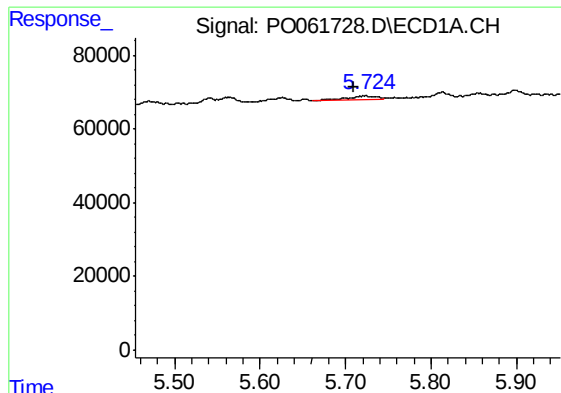
#18 AR-1242-3

R.T.: 5.625 min
Delta R.T.: 0.015 min
Response: 15665
Conc: 12.41 ng/ml



#18 AR-1242-3

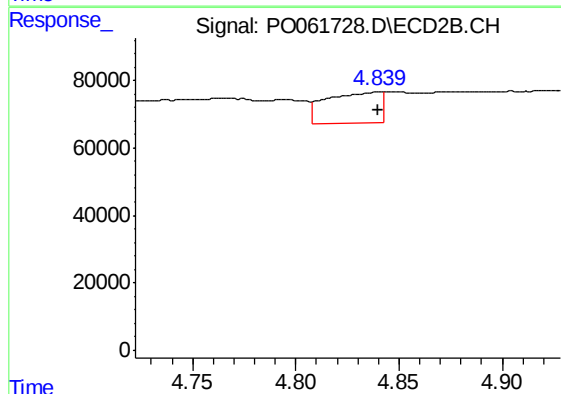
R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 82355
Conc: 105.46 ng/ml



#19 AR-1242-4

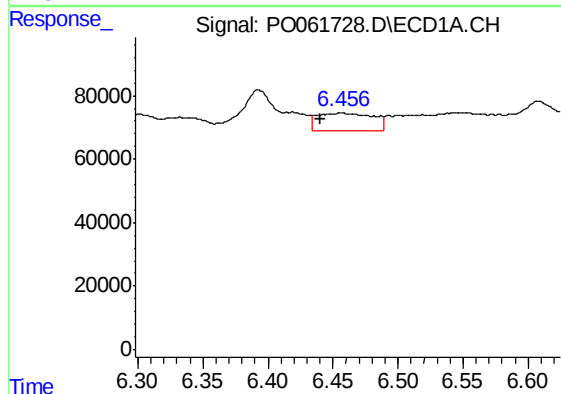
R.T.: 5.724 min
Delta R.T.: 0.014 min
Response: 22797
Conc: 21.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



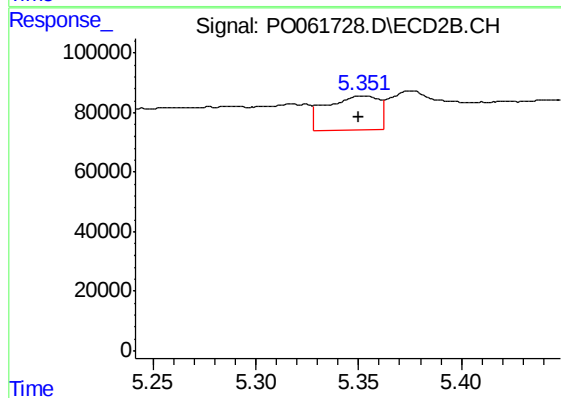
#19 AR-1242-4

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 170047
Conc: 207.22 ng/ml



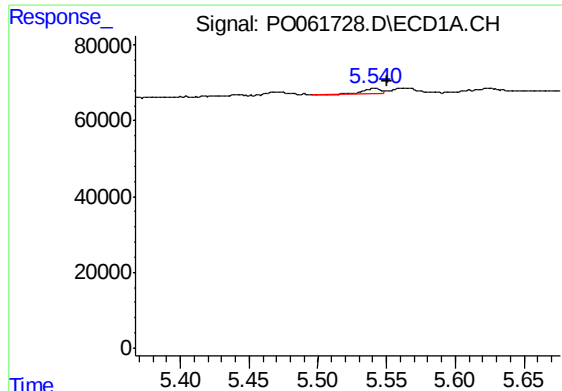
#20 AR-1242-5

R.T.: 6.456 min
Delta R.T.: 0.016 min
Response: 167254
Conc: 125.05 ng/ml



#20 AR-1242-5

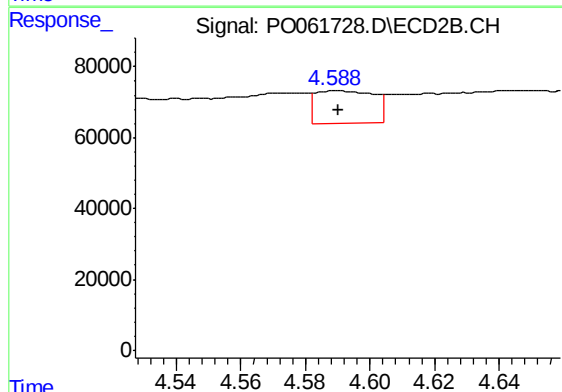
R.T.: 5.352 min
Delta R.T.: 0.002 min
Response: 202456
Conc: 188.99 ng/ml



#21 AR-1248-1

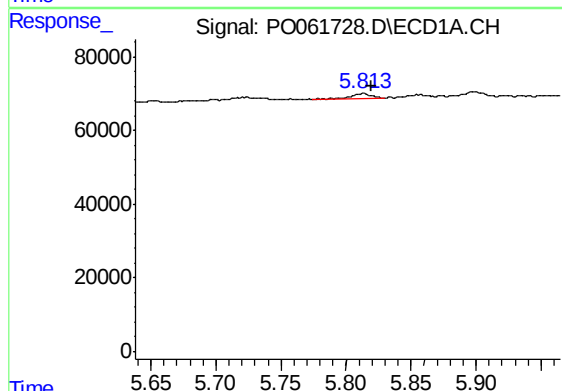
R.T.: 5.541 min
Delta R.T.: -0.009 min
Response: 12303
Conc: 10.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



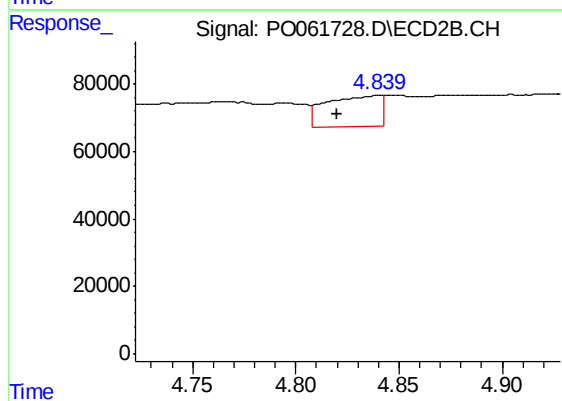
#21 AR-1248-1

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 115844
Conc: 129.46 ng/ml



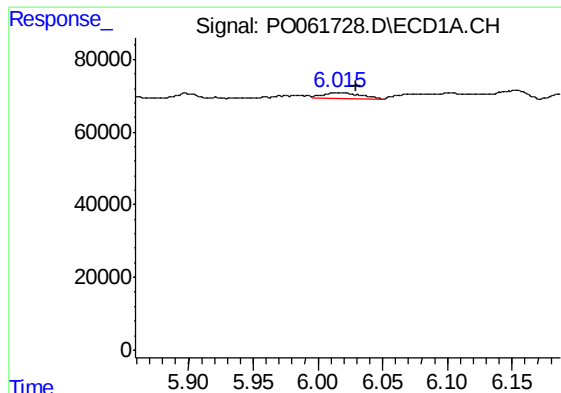
#22 AR-1248-2

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 20304
Conc: 12.03 ng/ml



#22 AR-1248-2

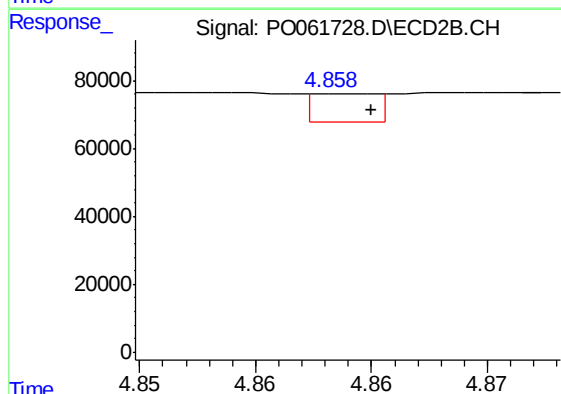
R.T.: 4.840 min
Delta R.T.: 0.020 min
Response: 170047
Conc: 144.32 ng/ml



#23 AR-1248-3

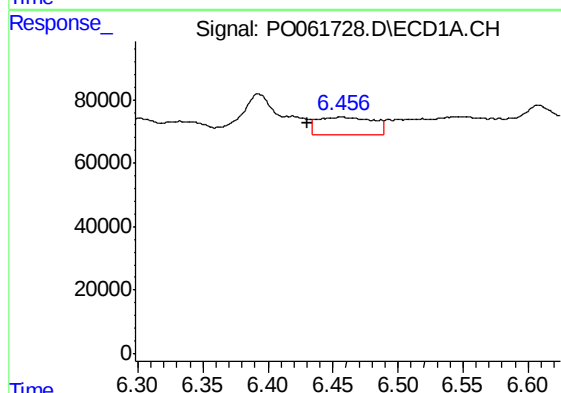
R.T.: 6.016 min
Delta R.T.: -0.014 min
Response: 32067
Conc: 17.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



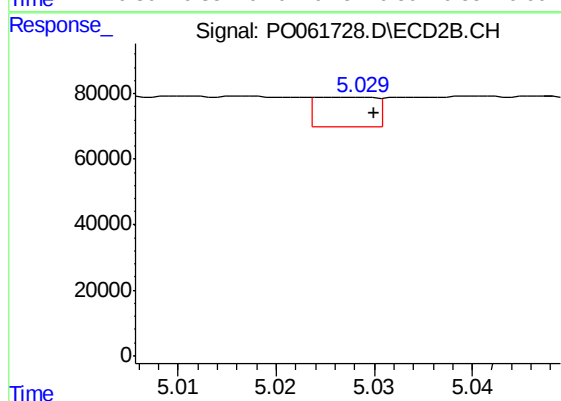
#23 AR-1248-3

R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 16785
Conc: 13.52 ng/ml



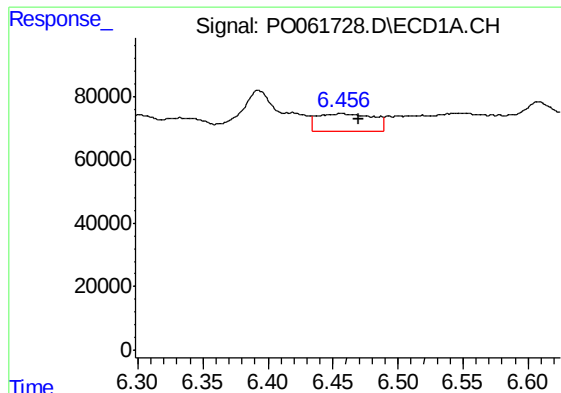
#24 AR-1248-4

R.T.: 6.456 min
Delta R.T.: 0.026 min
Response: 167254
Conc: 70.79 ng/ml



#24 AR-1248-4

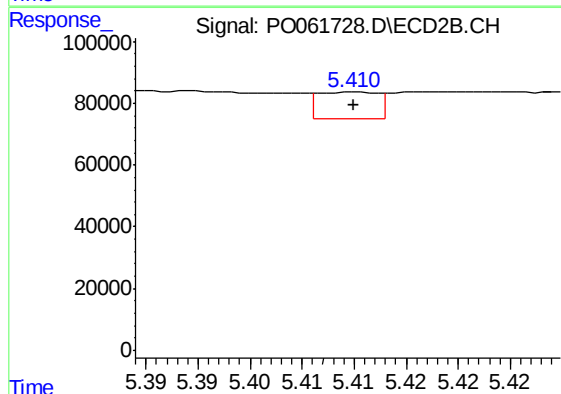
R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 38267
Conc: 25.46 ng/ml



#25 AR-1248-5

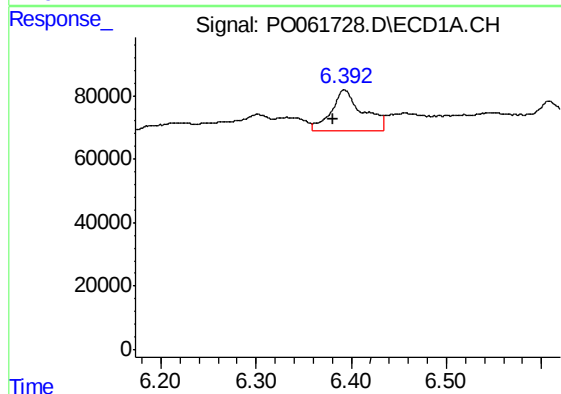
R.T.: 6.456 min
Delta R.T.: -0.014 min
Response: 167254
Conc: 73.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



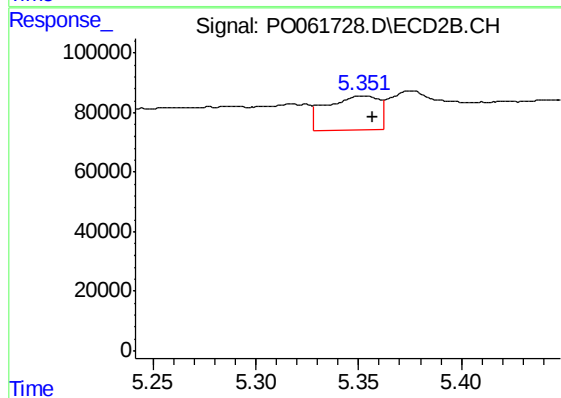
#25 AR-1248-5

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 34366
Conc: 22.40 ng/ml



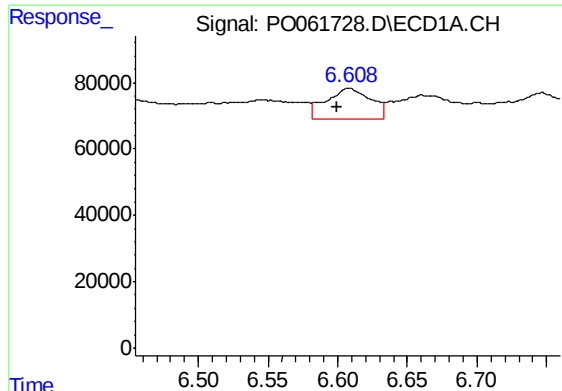
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.012 min
Response: 299541
Conc: 131.30 ng/ml



#26 AR-1254-1

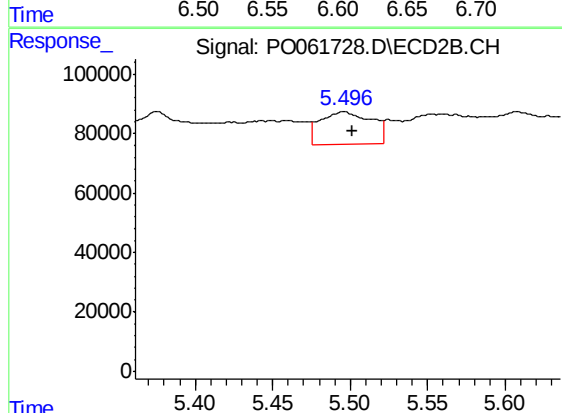
R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 202456
Conc: 92.31 ng/ml



#27 AR-1254-2

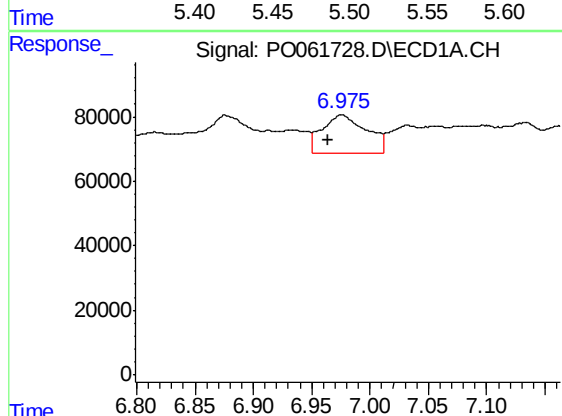
R.T.: 6.608 min
Delta R.T.: 0.009 min
Response: 210833
Conc: 58.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



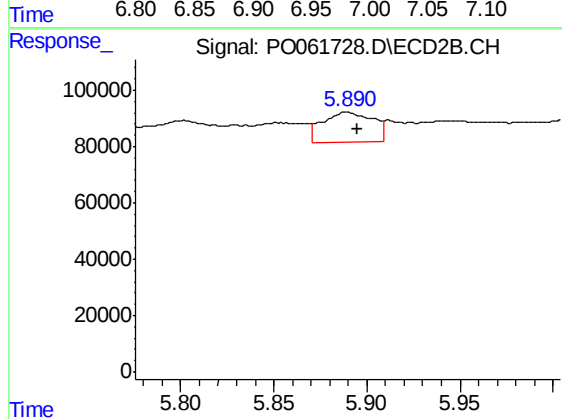
#27 AR-1254-2

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 252272
Conc: 128.68 ng/ml



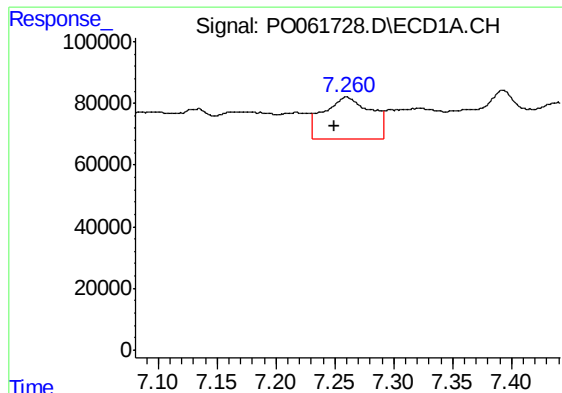
#28 AR-1254-3

R.T.: 6.975 min
Delta R.T.: 0.011 min
Response: 312535
Conc: 79.99 ng/ml



#28 AR-1254-3

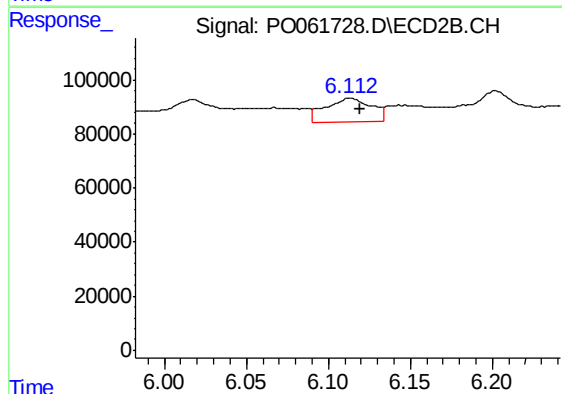
R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 199789
Conc: 62.75 ng/ml



#29 AR-1254-4

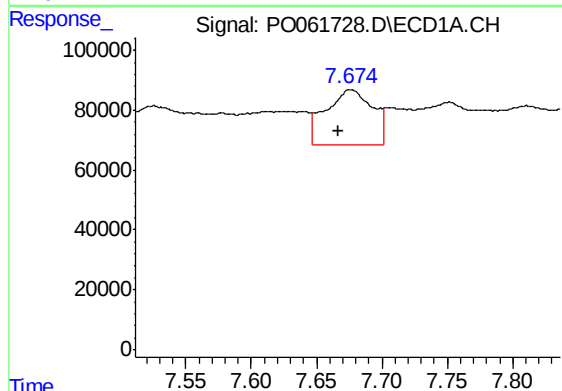
R.T.: 7.260 min
Delta R.T.: 0.010 min
Response: 373161
Conc: 123.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



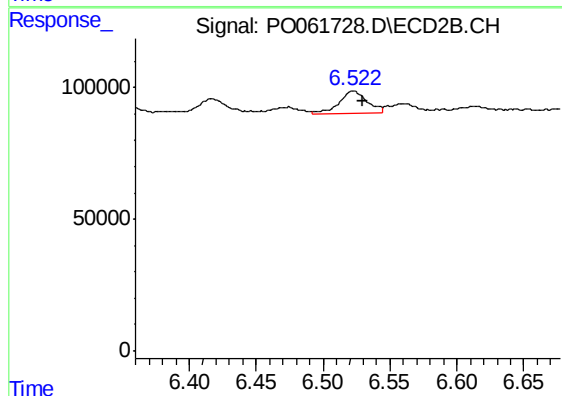
#29 AR-1254-4

R.T.: 6.113 min
Delta R.T.: -0.006 min
Response: 165419
Conc: 81.53 ng/ml



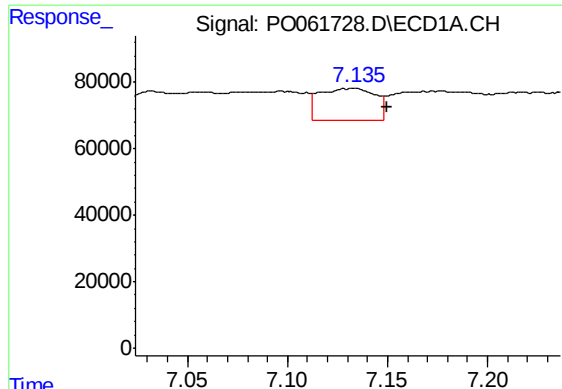
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.009 min
Response: 459287
Conc: 146.25 ng/ml



#30 AR-1254-5

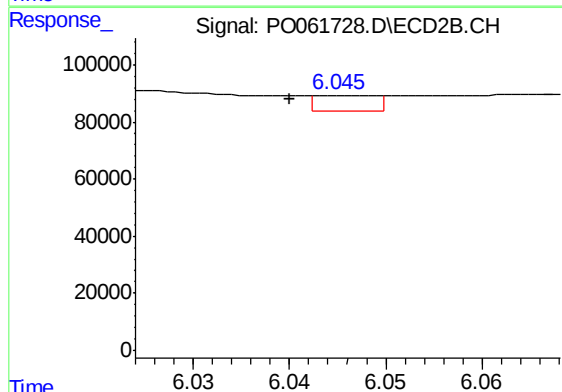
R.T.: 6.523 min
Delta R.T.: -0.007 min
Response: 128582
Conc: 45.46 ng/ml



#31 AR-1260-1

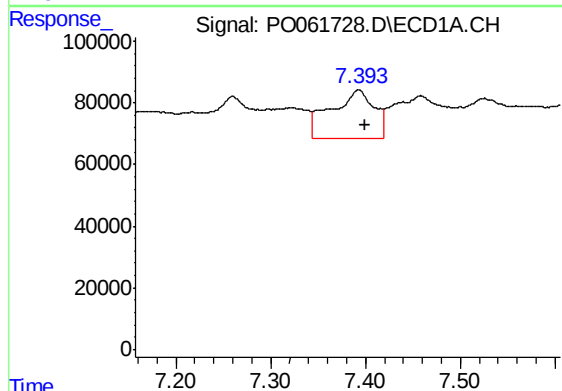
R.T.: 7.134 min
Delta R.T.: -0.016 min
Response: 184193
Conc: 70.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



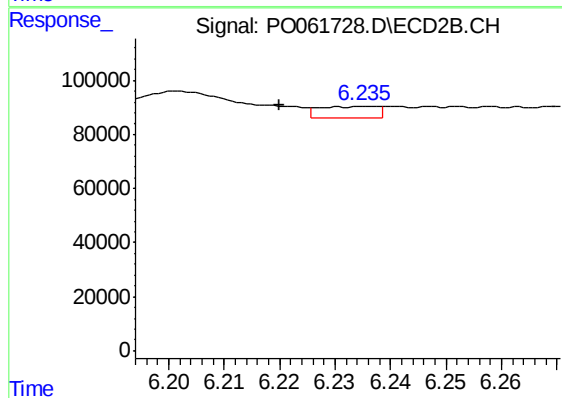
#31 AR-1260-1

R.T.: 6.045 min
Delta R.T.: 0.005 min
Response: 24963
Conc: 12.24 ng/ml



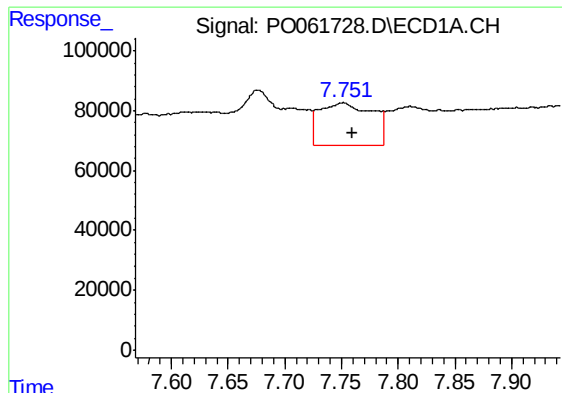
#32 AR-1260-2

R.T.: 7.393 min
Delta R.T.: -0.007 min
Response: 493316
Conc: 154.74 ng/ml



#32 AR-1260-2

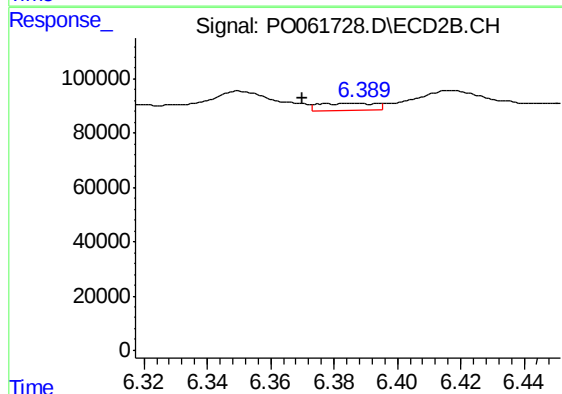
R.T.: 6.235 min
Delta R.T.: 0.015 min
Response: 30389
Conc: 12.65 ng/ml



#33 AR-1260-3

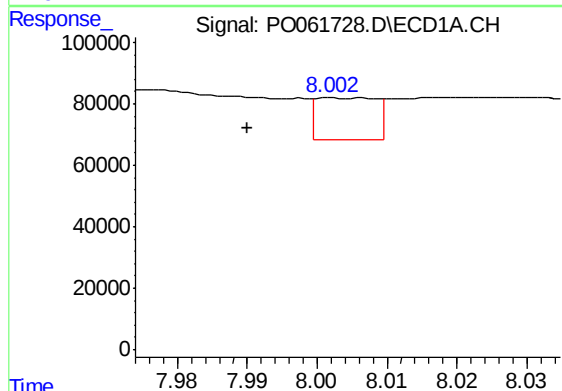
R.T.: 7.751 min
Delta R.T.: -0.009 min
Response: 467486
Conc: 194.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



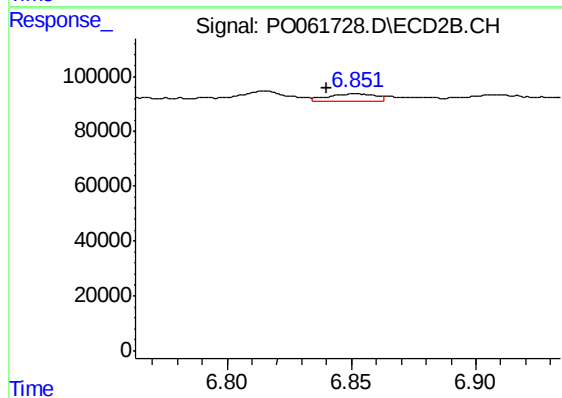
#33 AR-1260-3

R.T.: 6.389 min
Delta R.T.: 0.019 min
Response: 33818
Conc: 15.01 ng/ml



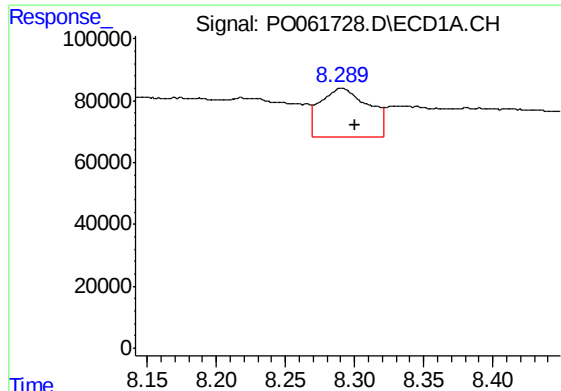
#34 AR-1260-4

R.T.: 8.002 min
Delta R.T.: 0.012 min
Response: 83017
Conc: 31.07 ng/ml



#34 AR-1260-4

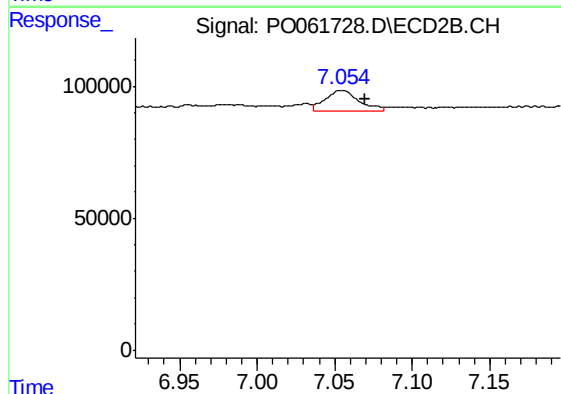
R.T.: 6.851 min
Delta R.T.: 0.011 min
Response: 34230
Conc: 18.54 ng/ml



#35 AR-1260-5

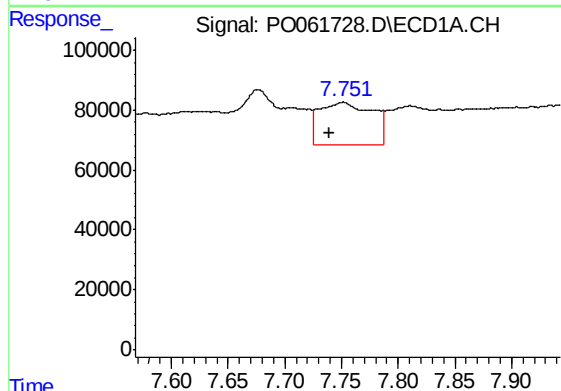
R.T.: 8.291 min
Delta R.T.: -0.009 min
Response: 384831
Conc: 77.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



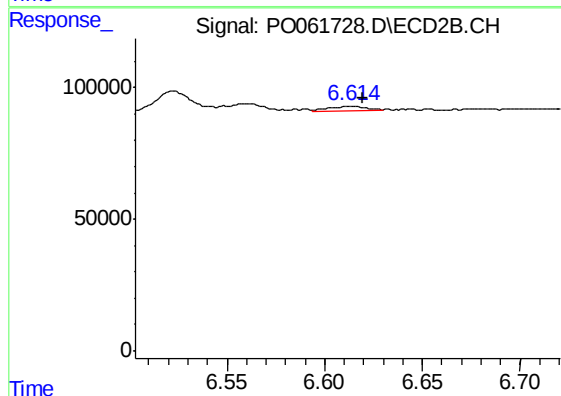
#35 AR-1260-5

R.T.: 7.054 min
Delta R.T.: -0.016 min
Response: 121958
Conc: 31.32 ng/ml



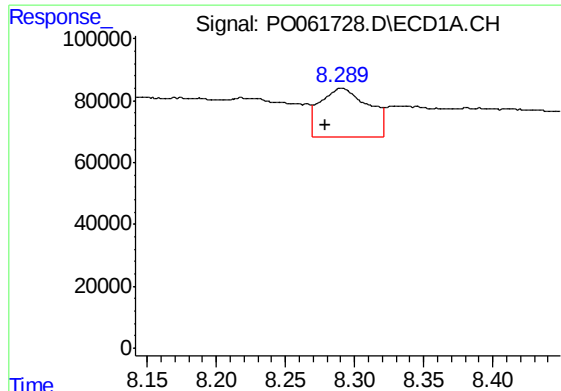
#36 AR-1262-1

R.T.: 7.751 min
Delta R.T.: 0.012 min
Response: 467486
Conc: 122.01 ng/ml



#36 AR-1262-1

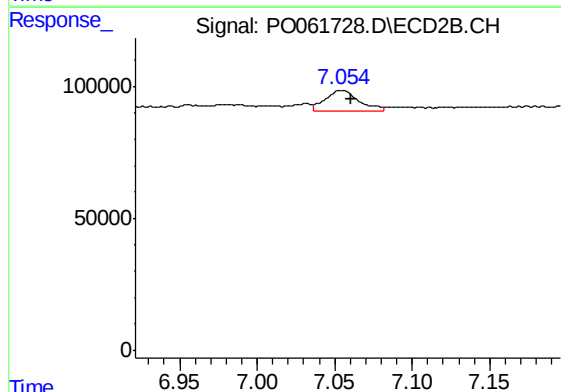
R.T.: 6.614 min
Delta R.T.: -0.005 min
Response: 19625
Conc: 16.08 ng/ml



#37 AR-1262-2

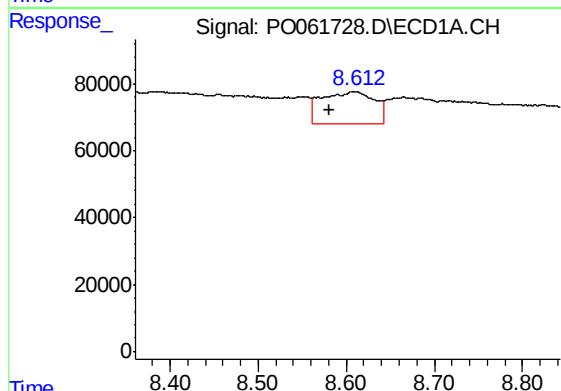
R.T.: 8.291 min
Delta R.T.: 0.012 min
Response: 384831
Conc: 61.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



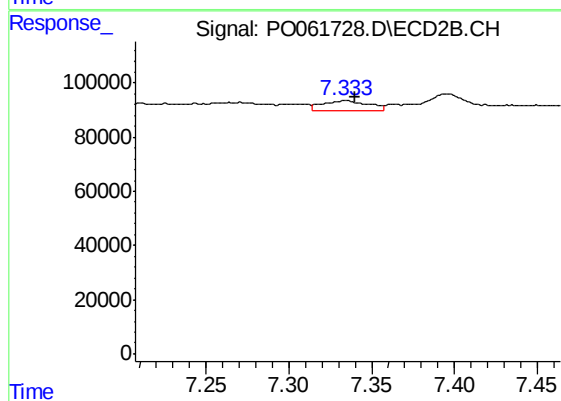
#37 AR-1262-2

R.T.: 7.054 min
Delta R.T.: -0.007 min
Response: 121958
Conc: 26.52 ng/ml



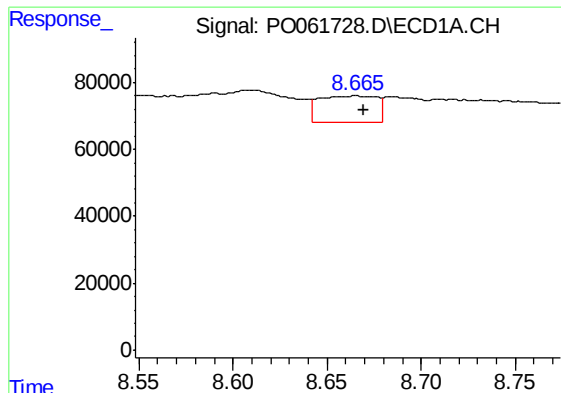
#38 AR-1262-3

R.T.: 8.611 min
Delta R.T.: 0.030 min
Response: 399651
Conc: 96.16 ng/ml



#38 AR-1262-3

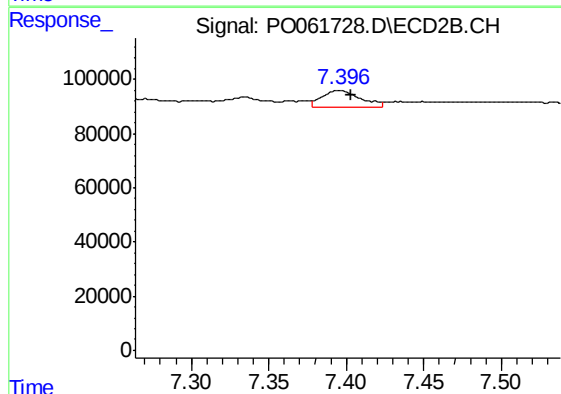
R.T.: 7.333 min
Delta R.T.: -0.006 min
Response: 68082
Conc: 36.14 ng/ml



#39 AR-1262-4

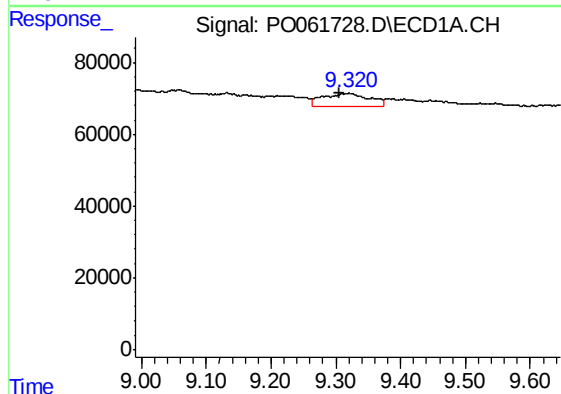
R.T.: 8.665 min
Delta R.T.: -0.004 min
Response: 171507
Conc: 54.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



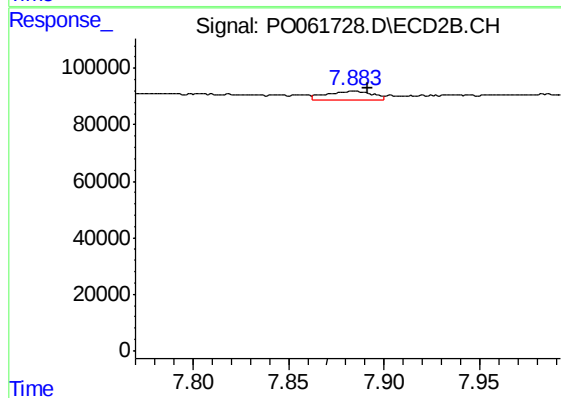
#39 AR-1262-4

R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 106707
Conc: 31.75 ng/ml



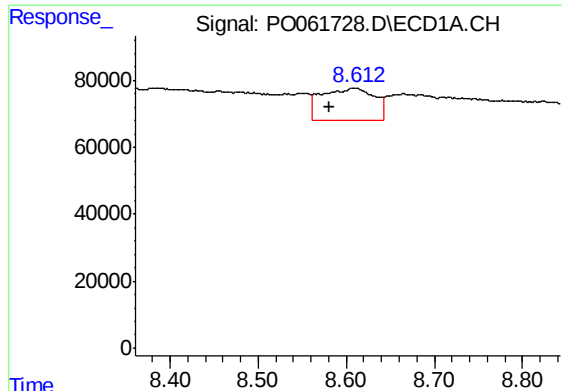
#40 AR-1262-5

R.T.: 9.320 min
Delta R.T.: 0.014 min
Response: 177217
Conc: 87.14 ng/ml



#40 AR-1262-5

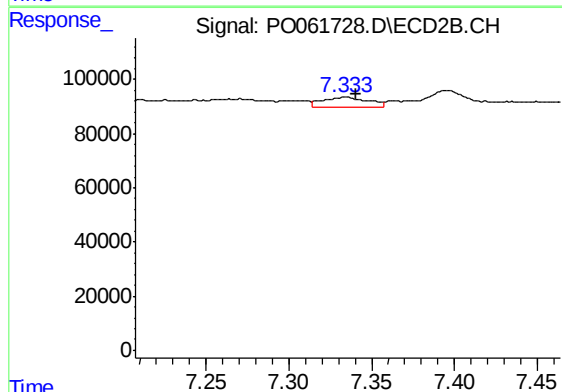
R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 55761
Conc: 36.78 ng/ml



#41 AR-1268-1

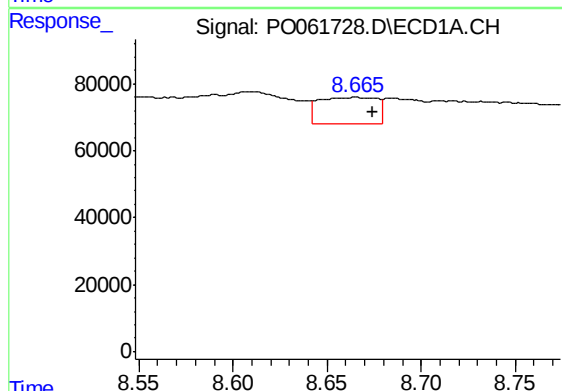
R.T.: 8.611 min
Delta R.T.: 0.029 min
Response: 399651
Conc: 59.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



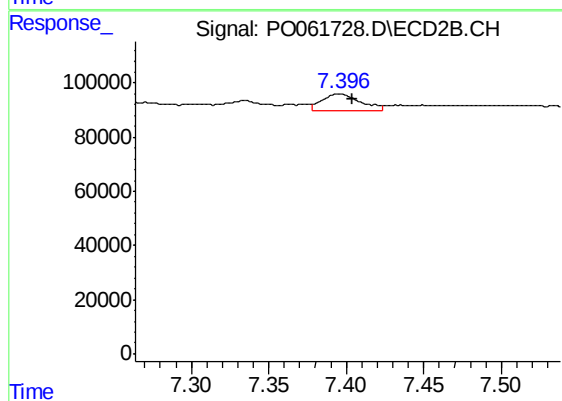
#41 AR-1268-1

R.T.: 7.333 min
Delta R.T.: -0.007 min
Response: 68082
Conc: 14.10 ng/ml



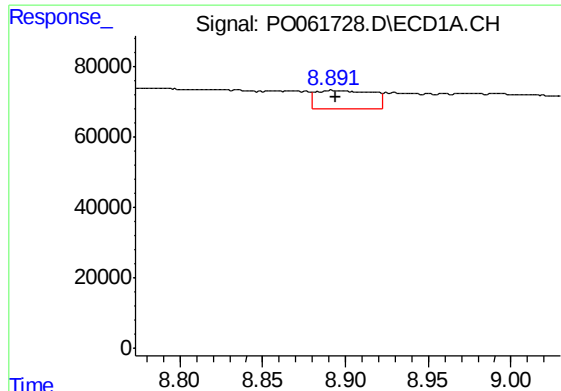
#42 AR-1268-2

R.T.: 8.665 min
Delta R.T.: -0.009 min
Response: 171507
Conc: 27.70 ng/ml



#42 AR-1268-2

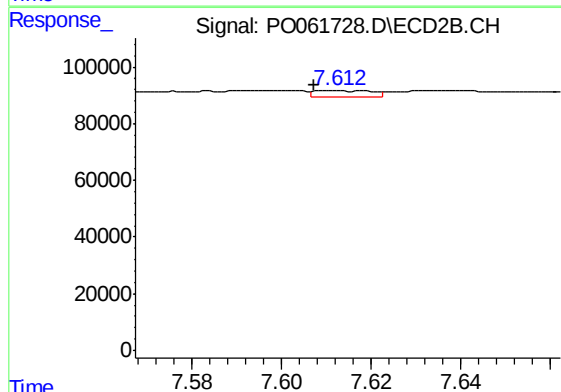
R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 106707
Conc: 24.76 ng/ml



#43 AR-1268-3

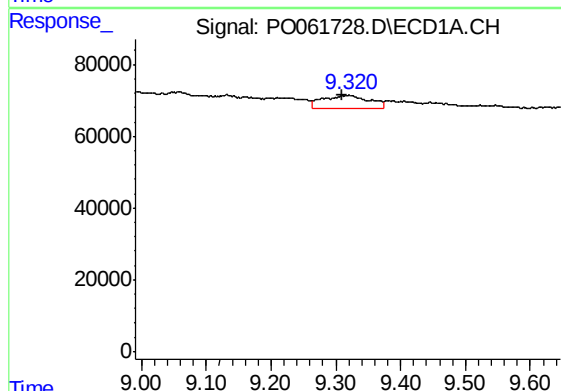
R.T.: 8.892 min
Delta R.T.: -0.002 min
Response: 129660
Conc: 25.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



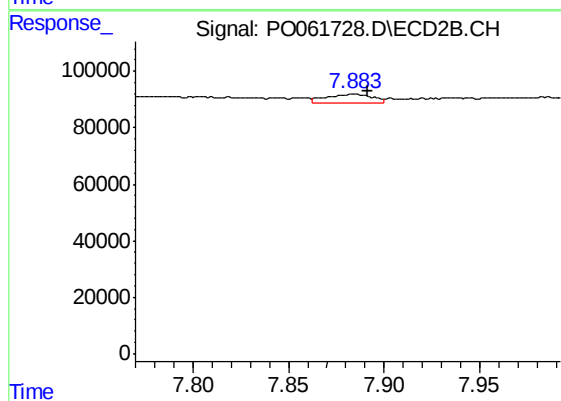
#43 AR-1268-3

R.T.: 7.613 min
Delta R.T.: 0.005 min
Response: 21669
Conc: 6.05 ng/ml



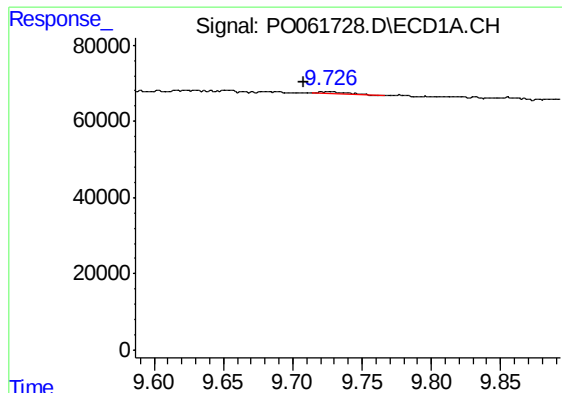
#44 AR-1268-4

R.T.: 9.320 min
Delta R.T.: 0.011 min
Response: 177217
Conc: 81.05 ng/ml



#44 AR-1268-4

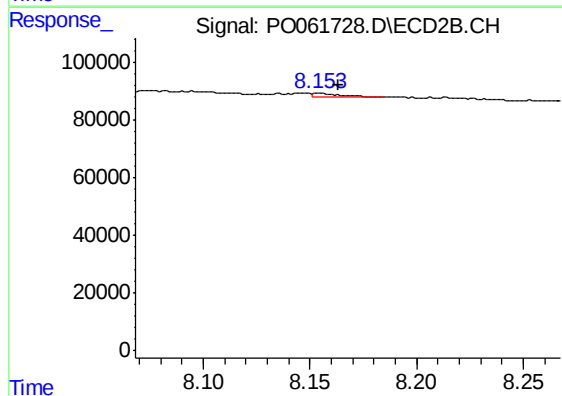
R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 55761
Conc: 34.65 ng/ml



#45 AR-1268-5

R.T.: 9.727 min
Delta R.T.: 0.019 min
Response: 9521
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.154 min
Delta R.T.: -0.009 min
Response: 13823
Conc: 1.37 ng/ml