

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100419\
 Data File : PO061719.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Oct 2019 20:25
 Operator : HP/AJ
 Sample : K5194-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HARVEY-CONCRETE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:37:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.359	3.519	741002	614692	18.067	19.007
2)	SA Decachlor...	10.017	8.381	961966	631422	20.656	19.503
Target Compounds							
3)	L1 AR-1016-1	5.518	0.000	3432	0	1.872	N.D. #
4)	L1 AR-1016-2	5.609	0.000	3170	0	1.226	N.D. #
5)	L1 AR-1016-3	5.656	4.759	2247	2318	1.399	2.315 #
6)	L1 AR-1016-4	5.734	4.759	860	2318	0.643	2.676 #
7)	L1 AR-1016-5	6.021	0.000	15895	0	11.590	N.D. #
8)	L2 AR-1221-1	4.576	0.000	698	0	1.509	N.D. #
9)	L2 AR-1221-2	4.662	3.809	8860	6538	24.678	21.202
12)	L3 AR-1232-2	5.261	0.000	2191	0	2.793	N.D. #
13)	L3 AR-1232-3	5.518	4.759	3432	2318	2.009	3.512 #
14)	L3 AR-1232-4	5.703	0.000	2685	0	3.034	N.D. #
15)	L3 AR-1232-5	5.816	0.000	2657	0	3.832	N.D. #
16)	L4 AR-1242-1	5.518	0.000	3432	0	2.417	N.D. #
17)	L4 AR-1242-2	5.518	0.000	3432	0	1.708	N.D. #
18)	L4 AR-1242-3	5.609	4.759	3170	2318	2.512	2.969
19)	L4 AR-1242-4	5.703	0.000	2685	0	2.555	N.D. #
20)	L4 AR-1242-5	6.438	0.000	13489	0	10.085	N.D. #
21)	L5 AR-1248-1	5.518	0.000	3432	0	2.921	N.D. #
22)	L5 AR-1248-2	5.816	4.759	2657	2318	1.575	1.968
23)	L5 AR-1248-3	6.021	0.000	15895	0	8.505	N.D. #
24)	L5 AR-1248-4	6.438	0.000	13489	0	5.709	N.D. #
25)	L5 AR-1248-5	6.462	0.000	3225	0	1.422	N.D. #
26)	L6 AR-1254-1	6.376	0.000	20343	0	8.917	N.D. #
27)	L6 AR-1254-2	6.593	0.000	130793	0	36.200	N.D. #
28)	L6 AR-1254-3	6.963	0.000	23503	0	6.015	N.D. #
29)	L6 AR-1254-4	7.238	0.000	36099	0	11.919	N.D. #
30)	L6 AR-1254-5	7.656	0.000	98268	0	31.292	N.D. #
31)	L7 AR-1260-1	7.146	0.000	17050	0	6.531	N.D. #
32)	L7 AR-1260-2	7.371	0.000	62182	0	19.505	N.D. #
33)	L7 AR-1260-3	7.759	6.409	17742	1820	7.387	0.808 #
34)	L7 AR-1260-4	7.983	6.841	77379	1608	28.959	0.871 #
35)	L7 AR-1260-5	8.280	7.047	58620	1605	11.847	0.412 #
36)	L8 AR-1262-1	7.734	0.000	150298	0	39.227	N.D. #
37)	L8 AR-1262-2	8.280	7.047	58620	1605	9.442	0.349 #
38)	L8 AR-1262-3	8.581	7.281	122245	1173	29.412	0.623 #
39)	L8 AR-1262-4	8.668	0.000	47695	0	15.108	N.D. #
40)	L8 AR-1262-5	9.272	7.955	45049	3627	22.152	2.393 #
41)	L9 AR-1268-1	8.581	7.281	122245	1173	18.179	0.243 #
42)	L9 AR-1268-2	8.668	0.000	47695	0	7.702	N.D. #
43)	L9 AR-1268-3	8.899	7.594	24207	2777	4.735	0.775 #

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Acq On : 04 Oct 2019 20:25
Operator : HP/AJ
Sample : K5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 23:37:31 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
44)	L9 AR-1268-4	9.272	7.955	45049	3627	20.602	2.254 #
45)	L9 AR-1268-5	9.691	8.167	27940	867	1.860	0.086 #

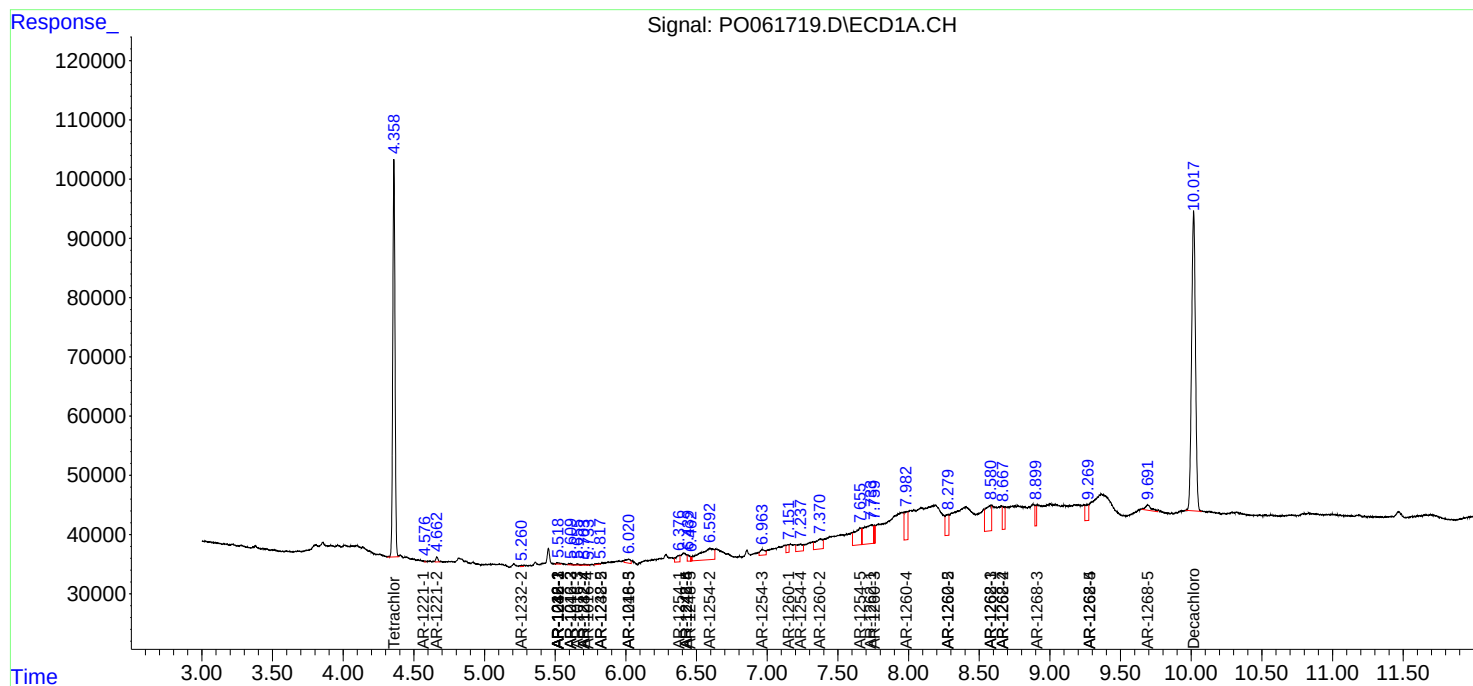
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

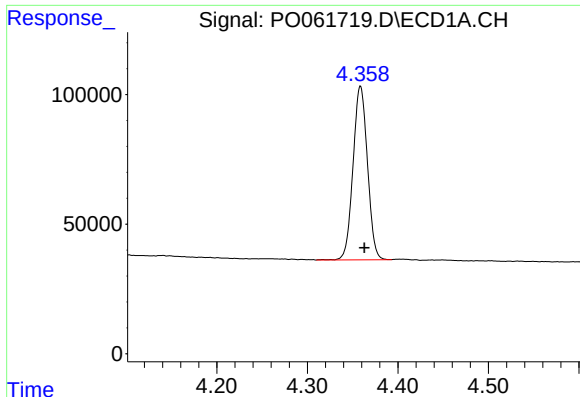
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100419\
Data File : P0061719.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Oct 2019 20:25
Operator : HP/AJ
Sample : K5194-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 23:37:31 2019
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

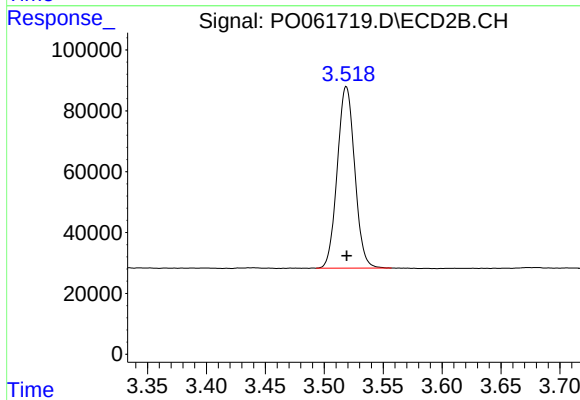




#1 Tetrachloro-m-xylene

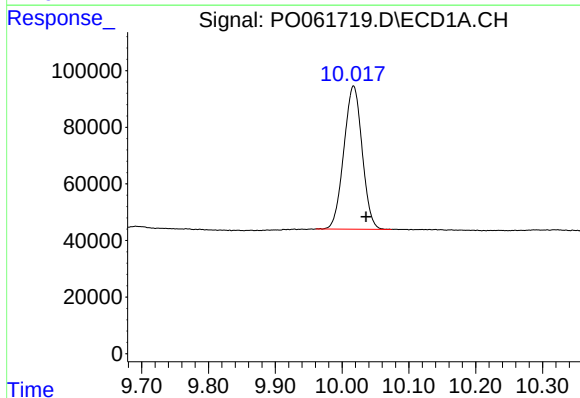
R.T.: 4.359 min
Delta R.T.: -0.004 min
Response: 741002
Conc: 18.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



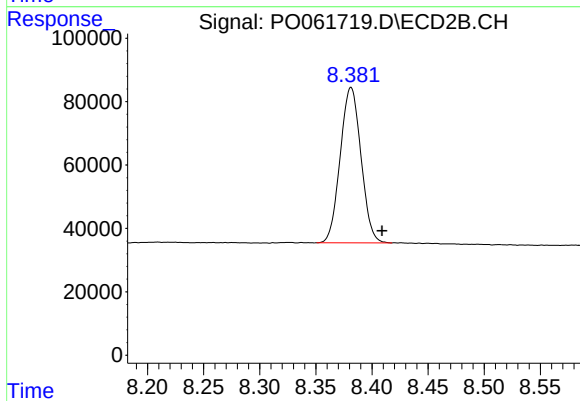
#1 Tetrachloro-m-xylene

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 614692
Conc: 19.01 ng/ml



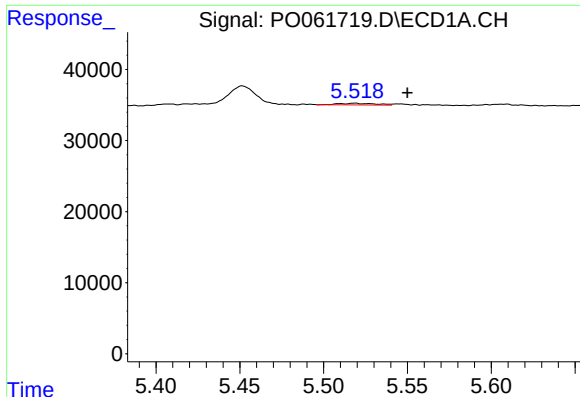
#2 Decachlorobiphenyl

R.T.: 10.017 min
Delta R.T.: -0.019 min
Response: 961966
Conc: 20.66 ng/ml



#2 Decachlorobiphenyl

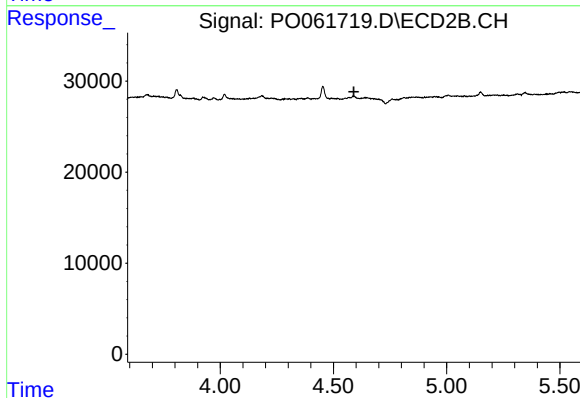
R.T.: 8.381 min
Delta R.T.: -0.028 min
Response: 631422
Conc: 19.50 ng/ml



#3 AR-1016-1

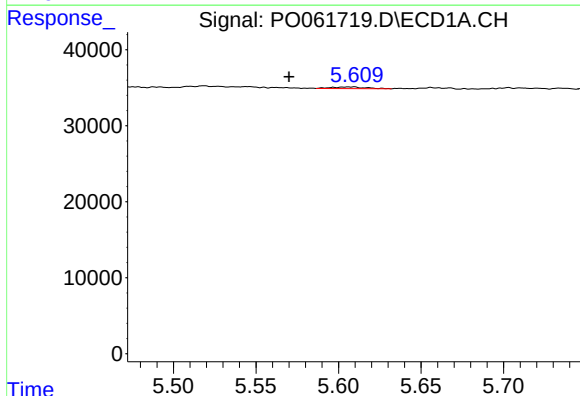
R.T.: 5.518 min
Delta R.T.: -0.032 min
Response: 3432
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



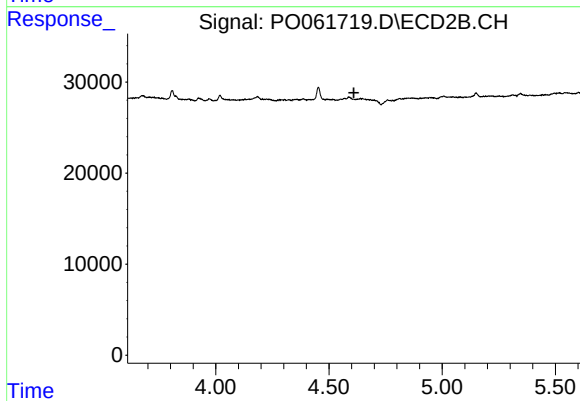
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



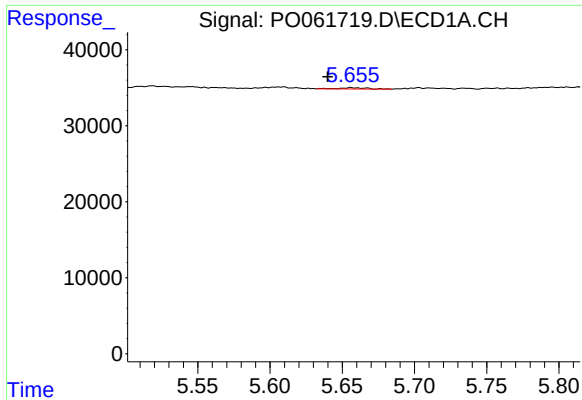
#4 AR-1016-2

R.T.: 5.609 min
Delta R.T.: 0.039 min
Response: 3170
Conc: 1.23 ng/ml



#4 AR-1016-2

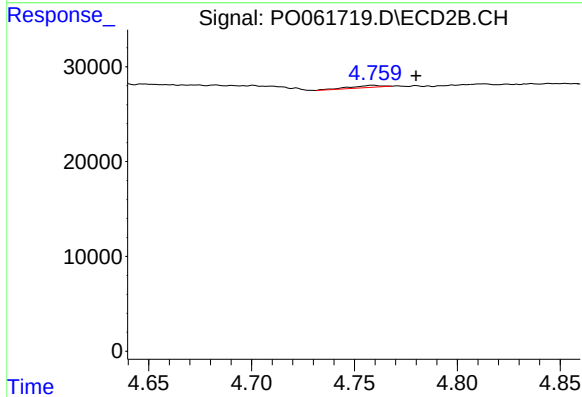
R.T.: 0.000 min
Exp R.T. : 4.610 min
Response: 0
Conc: N.D.



#5 AR-1016-3

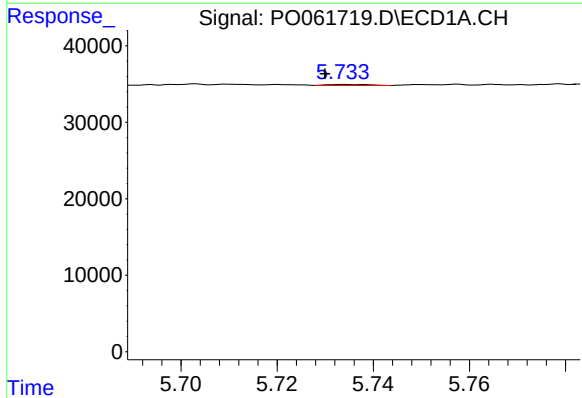
R.T.: 5.656 min
Delta R.T.: 0.016 min
Response: 2247
Conc: 1.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



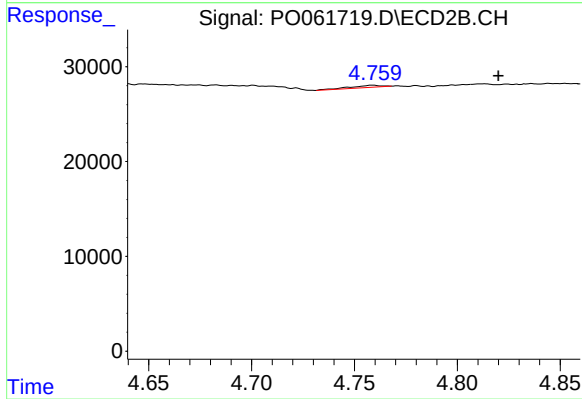
#5 AR-1016-3

R.T.: 4.759 min
Delta R.T.: -0.021 min
Response: 2318
Conc: 2.31 ng/ml



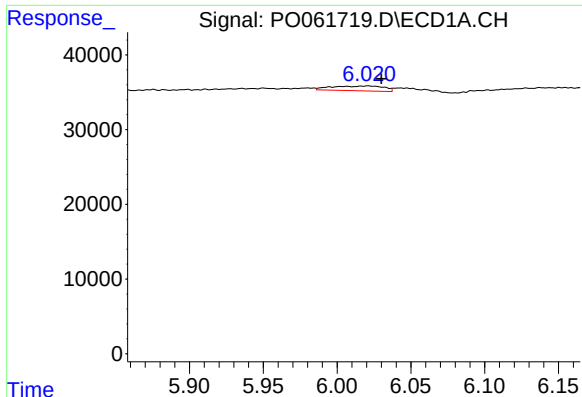
#6 AR-1016-4

R.T.: 5.734 min
Delta R.T.: 0.004 min
Response: 860
Conc: 0.64 ng/ml



#6 AR-1016-4

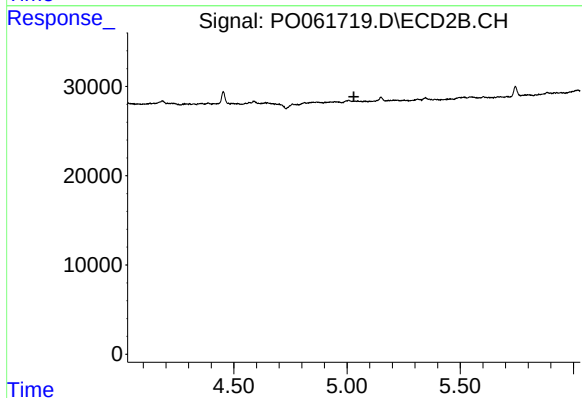
R.T.: 4.759 min
Delta R.T.: -0.061 min
Response: 2318
Conc: 2.68 ng/ml



#7 AR-1016-5

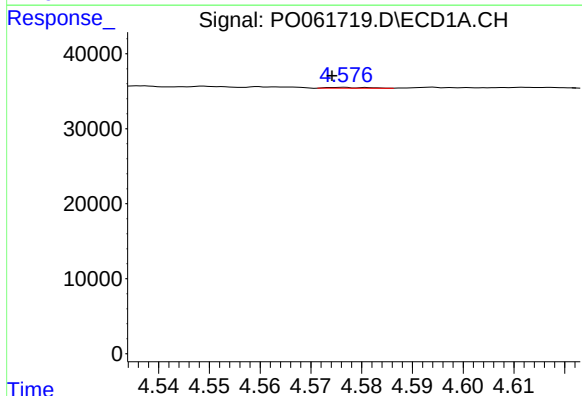
R.T.: 6.021 min
Delta R.T.: -0.009 min
Response: 15895
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



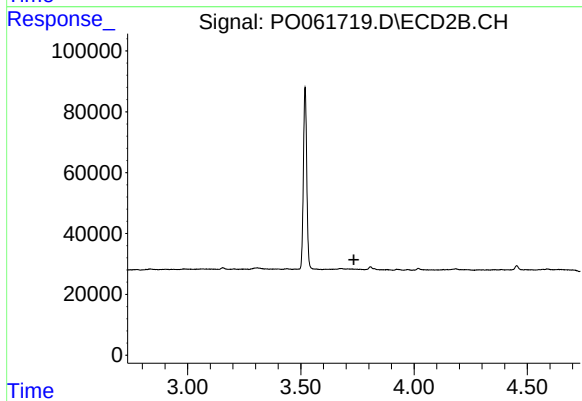
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.030 min
Response: 0
Conc: N.D.



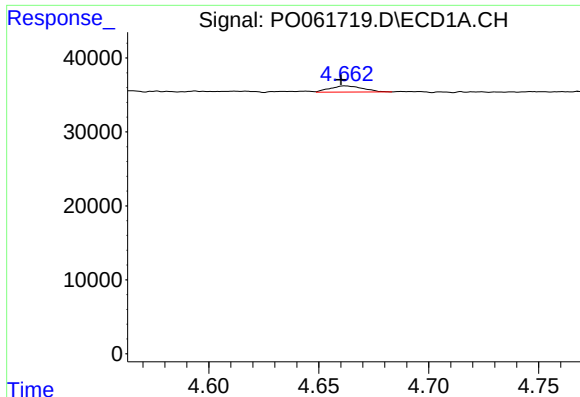
#8 AR-1221-1

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 698
Conc: 1.51 ng/ml



#8 AR-1221-1

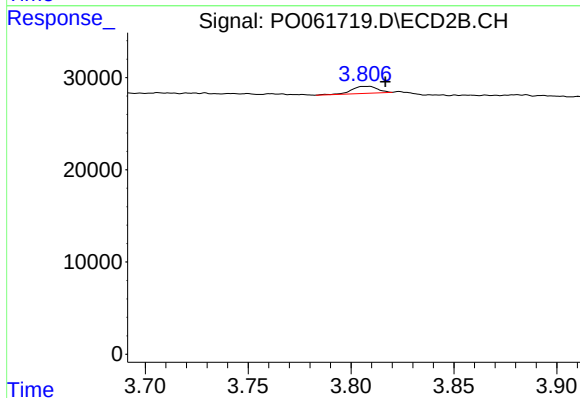
R.T.: 0.000 min
Exp R.T. : 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

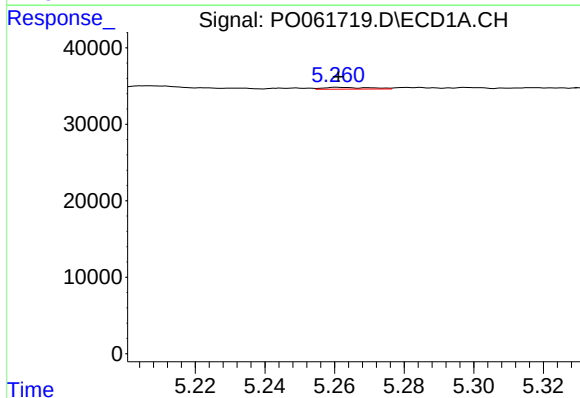
R.T.: 4.662 min
Delta R.T.: 0.002 min
Response: 8860
Conc: 24.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



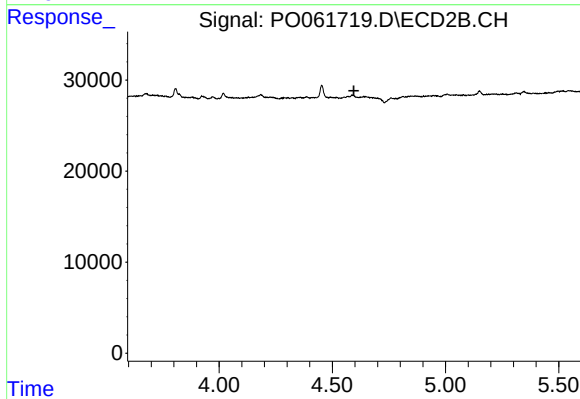
#9 AR-1221-2

R.T.: 3.809 min
Delta R.T.: -0.008 min
Response: 6538
Conc: 21.20 ng/ml



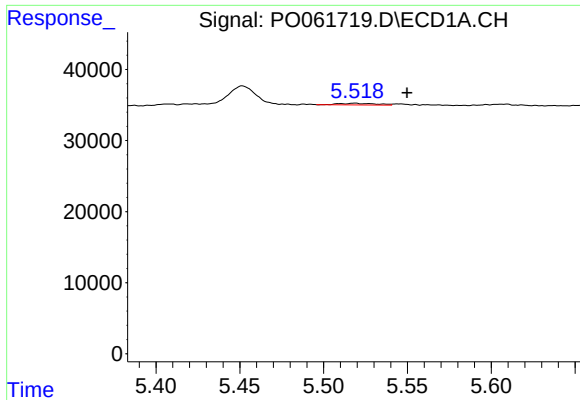
#12 AR-1232-2

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 2191
Conc: 2.79 ng/ml



#12 AR-1232-2

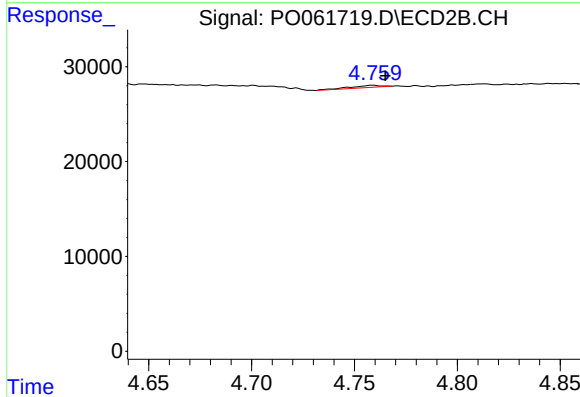
R.T.: 0.000 min
Exp R.T.: 4.595 min
Response: 0
Conc: N.D.



#13 AR-1232-3

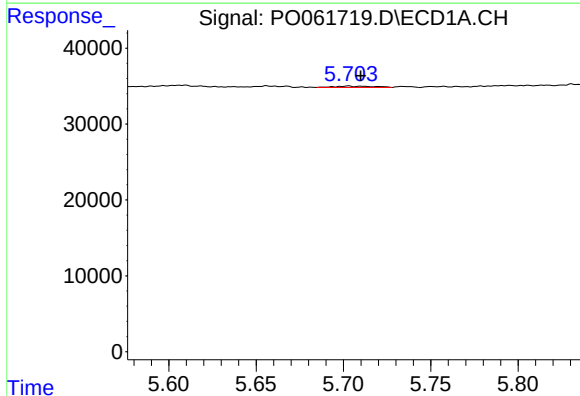
R.T.: 5.518 min
Delta R.T.: -0.031 min
Response: 3432
Conc: 2.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



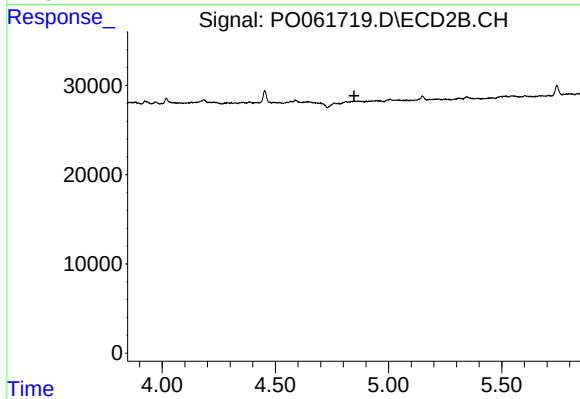
#13 AR-1232-3

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 2318
Conc: 3.51 ng/ml



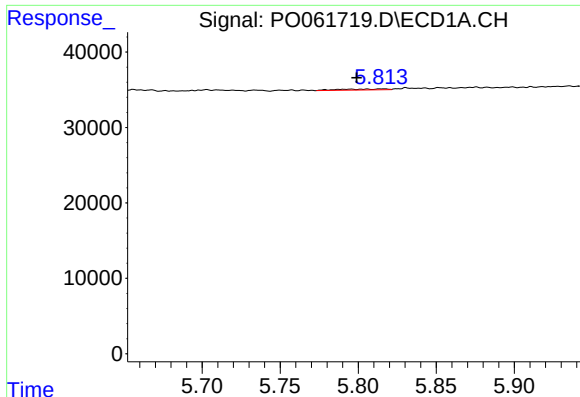
#14 AR-1232-4

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 2685
Conc: 3.03 ng/ml



#14 AR-1232-4

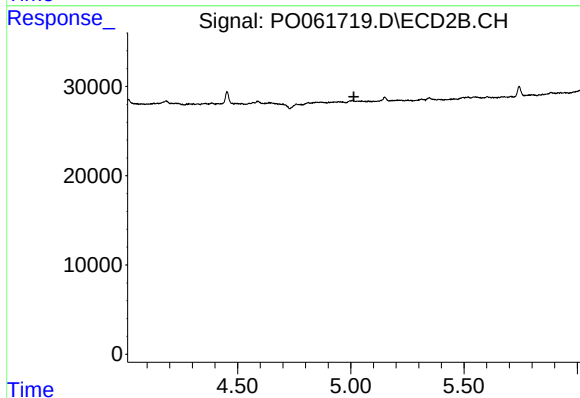
R.T.: 0.000 min
Exp R.T.: 4.847 min
Response: 0
Conc: N.D.



#15 AR-1232-5

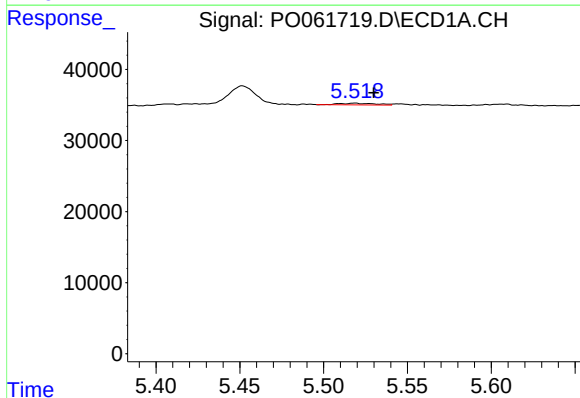
R.T.: 5.816 min
Delta R.T.: 0.017 min
Response: 2657
Conc: 3.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



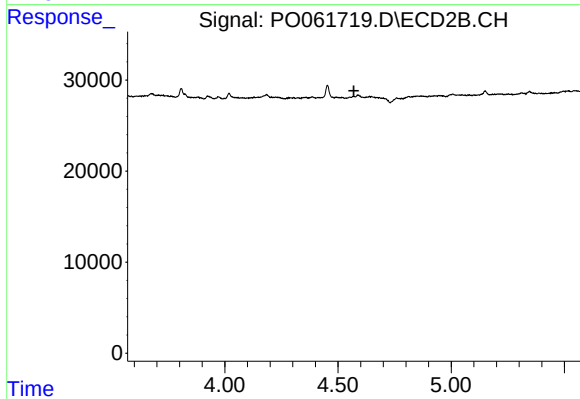
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.013 min
Response: 0
Conc: N.D.



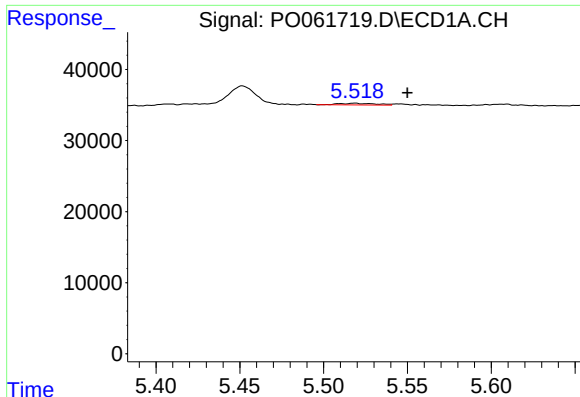
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: -0.012 min
Response: 3432
Conc: 2.42 ng/ml



#16 AR-1242-1

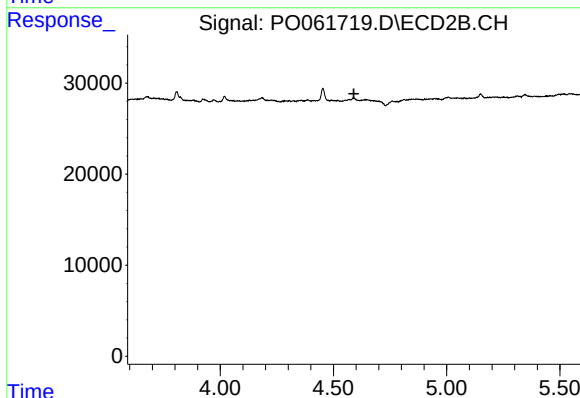
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#17 AR-1242-2

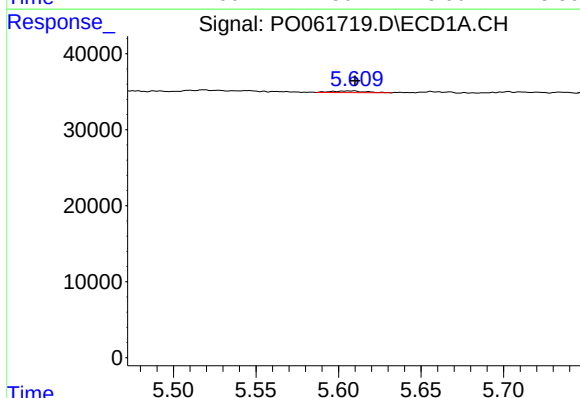
R.T.: 5.518 min
Delta R.T.: -0.032 min
Response: 3432
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



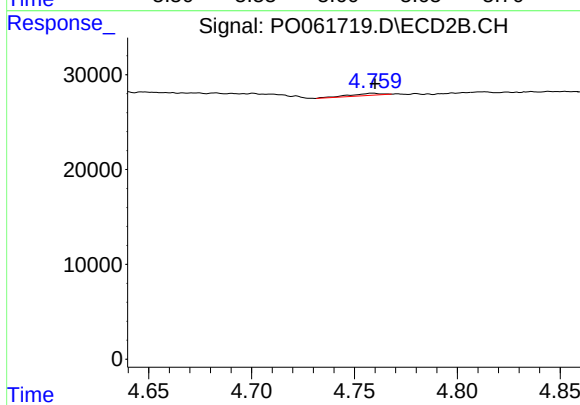
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



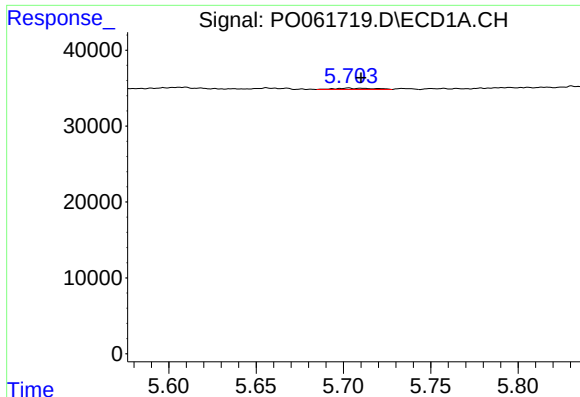
#18 AR-1242-3

R.T.: 5.609 min
Delta R.T.: -0.001 min
Response: 3170
Conc: 2.51 ng/ml



#18 AR-1242-3

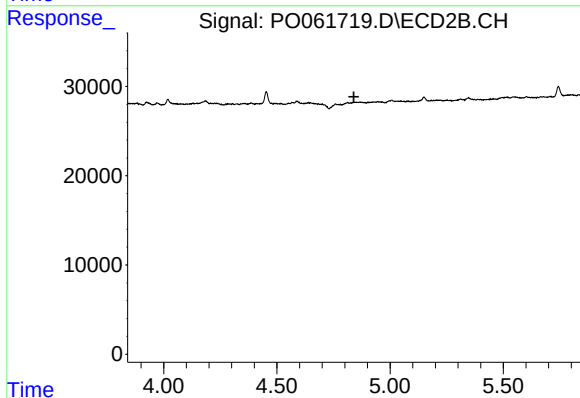
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 2318
Conc: 2.97 ng/ml



#19 AR-1242-4

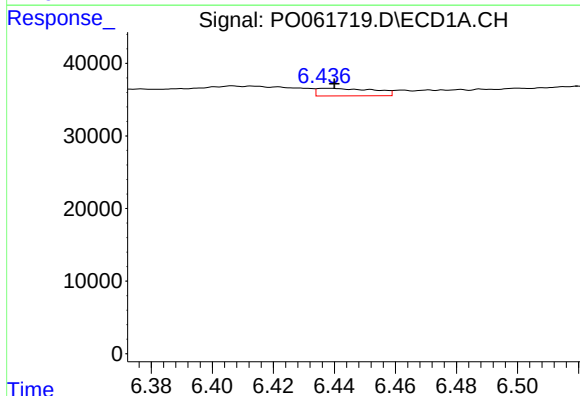
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 2685
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



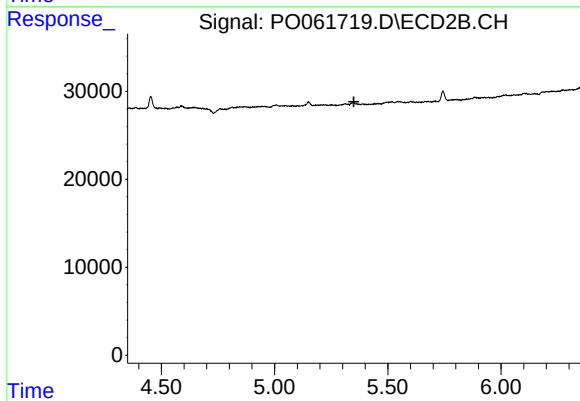
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.840 min
Response: 0
Conc: N.D.



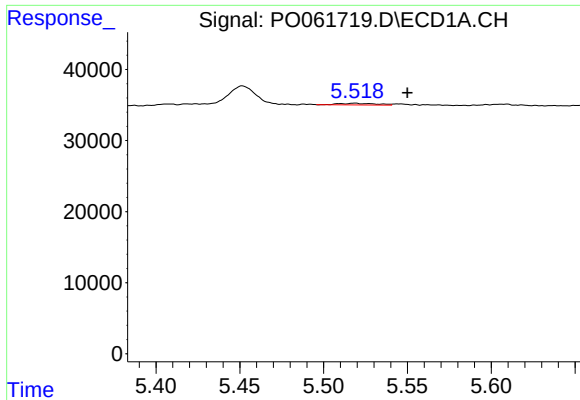
#20 AR-1242-5

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 13489
Conc: 10.08 ng/ml



#20 AR-1242-5

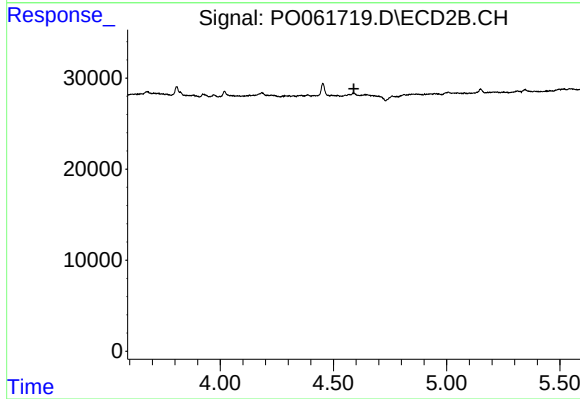
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#21 AR-1248-1

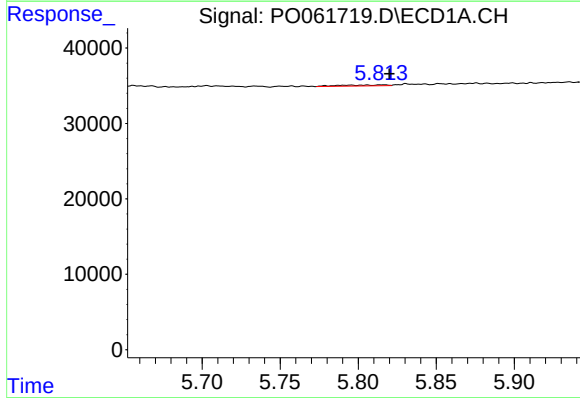
R.T.: 5.518 min
Delta R.T.: -0.032 min
Response: 3432
Conc: 2.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



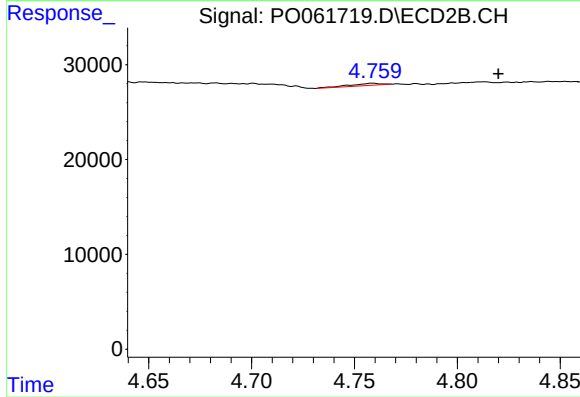
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



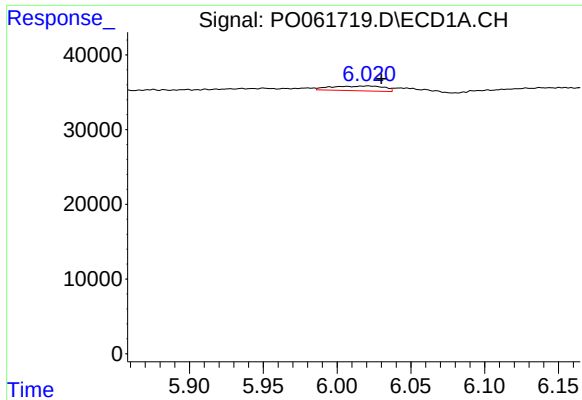
#22 AR-1248-2

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 2657
Conc: 1.57 ng/ml



#22 AR-1248-2

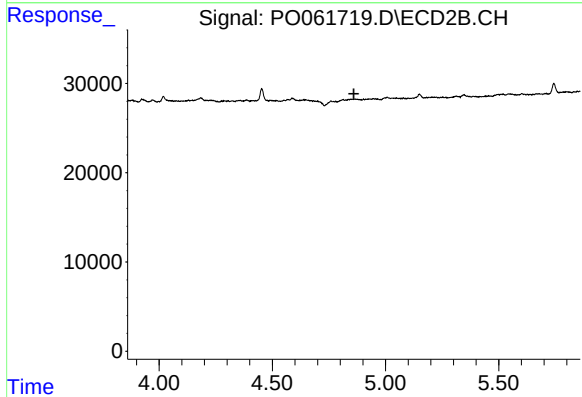
R.T.: 4.759 min
Delta R.T.: -0.061 min
Response: 2318
Conc: 1.97 ng/ml



#23 AR-1248-3

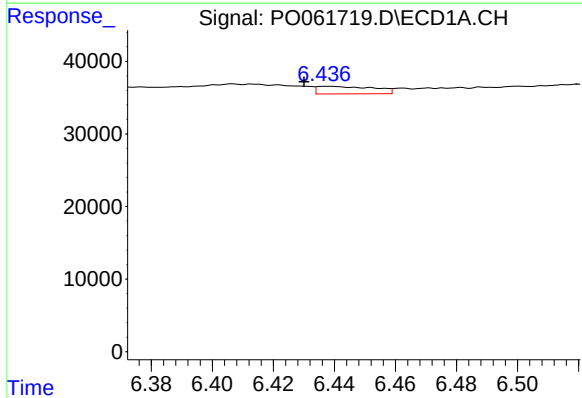
R.T.: 6.021 min
Delta R.T.: -0.009 min
Response: 15895
Conc: 8.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



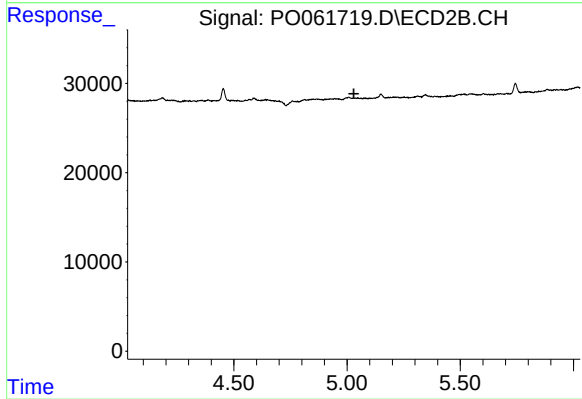
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.



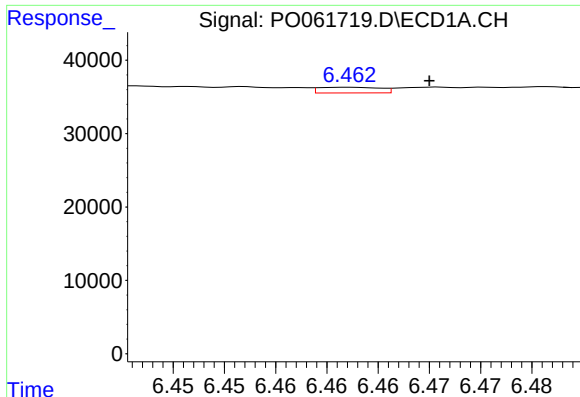
#24 AR-1248-4

R.T.: 6.438 min
Delta R.T.: 0.008 min
Response: 13489
Conc: 5.71 ng/ml



#24 AR-1248-4

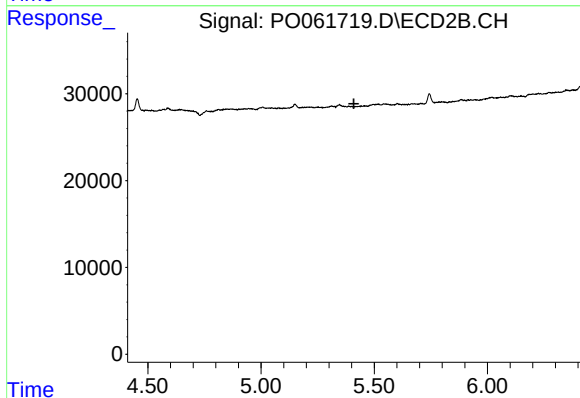
R.T.: 0.000 min
Exp R.T. : 5.030 min
Response: 0
Conc: N.D.



#25 AR-1248-5

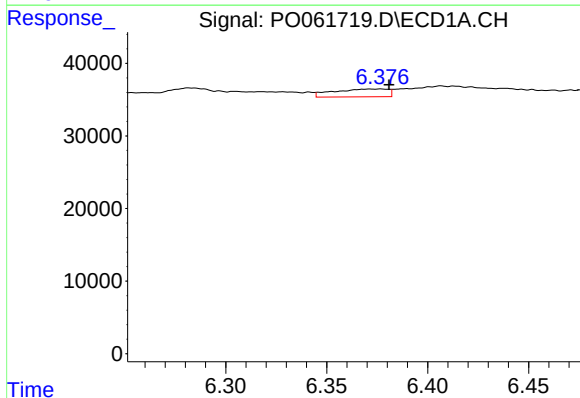
R.T.: 6.462 min
Delta R.T.: -0.008 min
Response: 3225
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



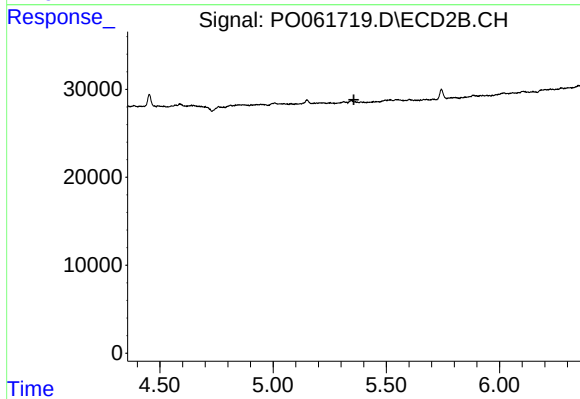
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.410 min
Response: 0
Conc: N.D.



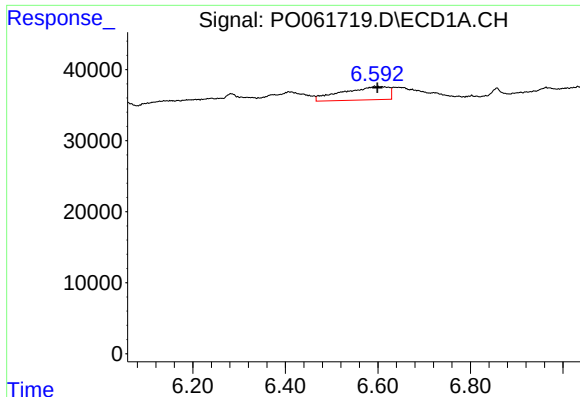
#26 AR-1254-1

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 20343
Conc: 8.92 ng/ml



#26 AR-1254-1

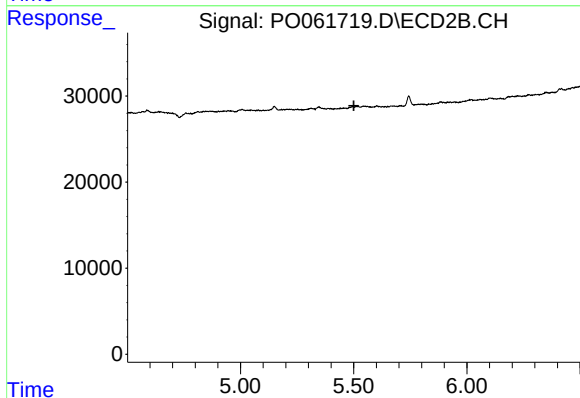
R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.



#27 AR-1254-2

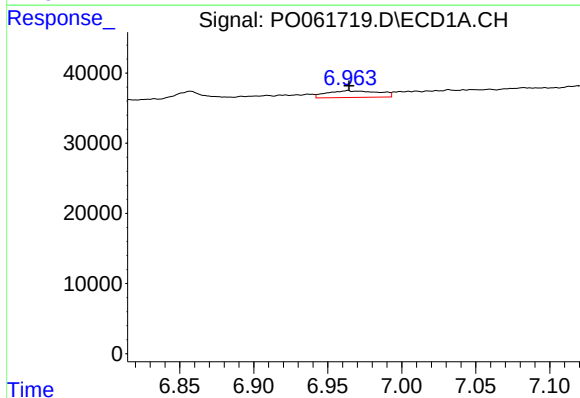
R.T.: 6.593 min
Delta R.T.: -0.006 min
Response: 130793
Conc: 36.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



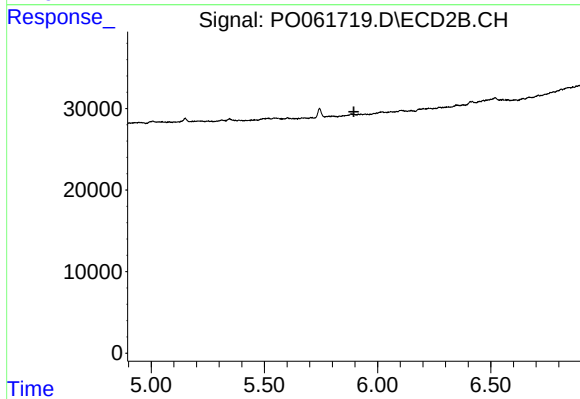
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.



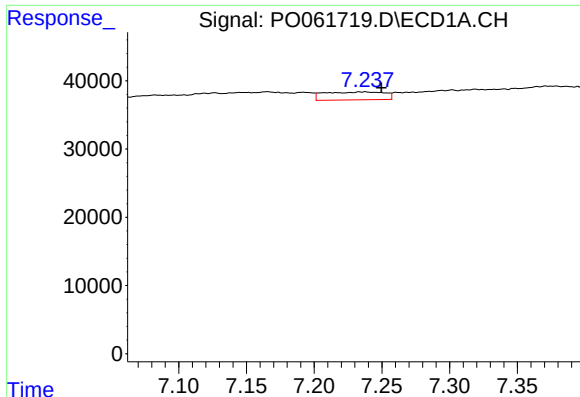
#28 AR-1254-3

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 23503
Conc: 6.02 ng/ml



#28 AR-1254-3

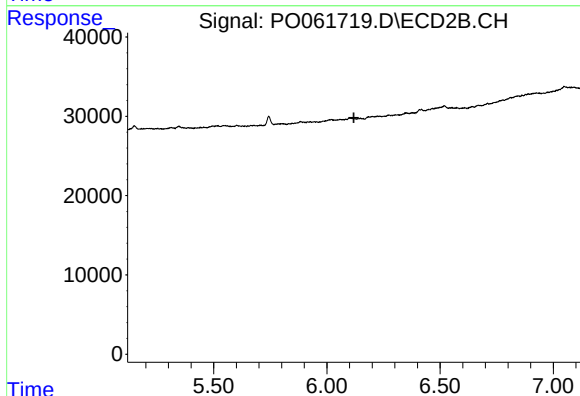
R.T.: 0.000 min
Exp R.T. : 5.895 min
Response: 0
Conc: N.D.



#29 AR-1254-4

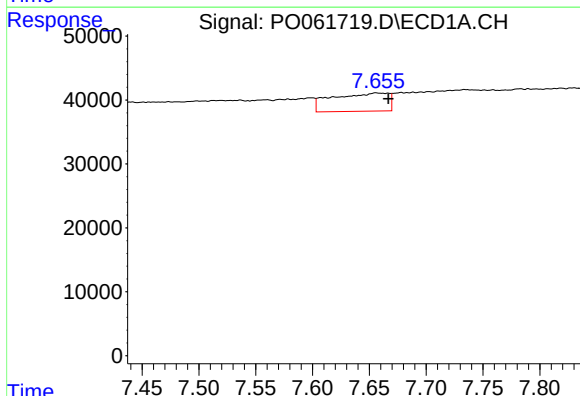
R.T.: 7.238 min
Delta R.T.: -0.012 min
Response: 36099
Conc: 11.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



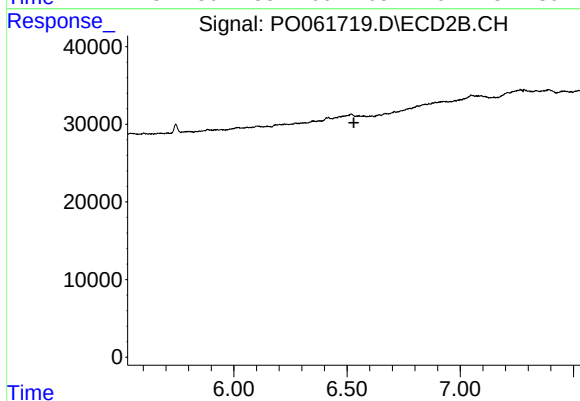
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.119 min
Response: 0
Conc: N.D.



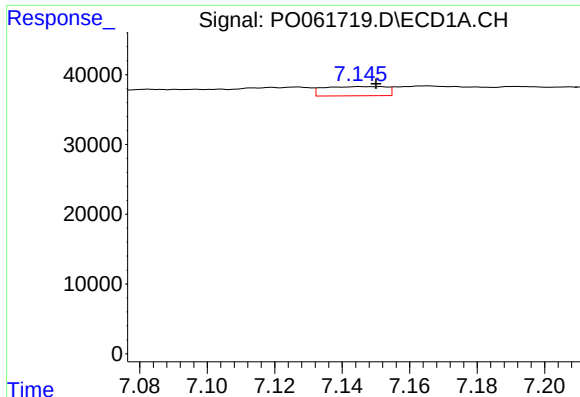
#30 AR-1254-5

R.T.: 7.656 min
Delta R.T.: -0.011 min
Response: 98268
Conc: 31.29 ng/ml



#30 AR-1254-5

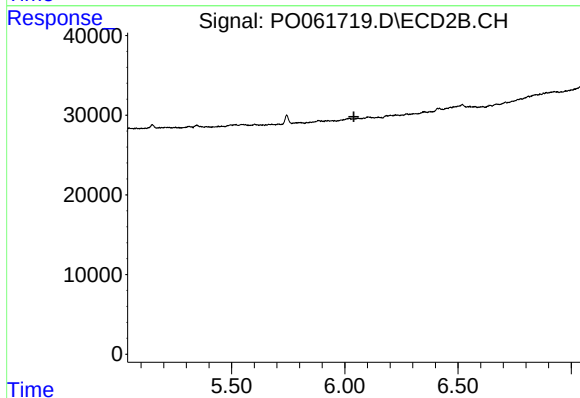
R.T.: 0.000 min
Exp R.T. : 6.530 min
Response: 0
Conc: N.D.



#31 AR-1260-1

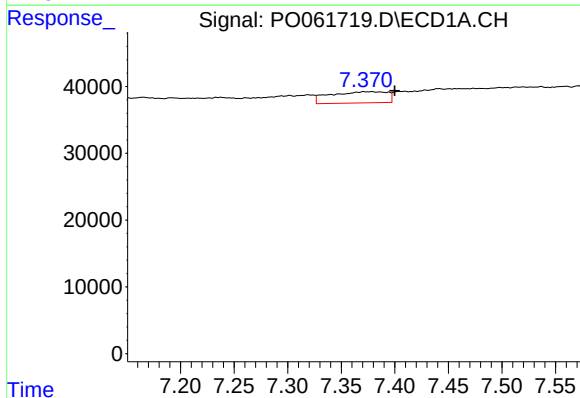
R.T.: 7.146 min
Delta R.T.: -0.004 min
Response: 17050
Conc: 6.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



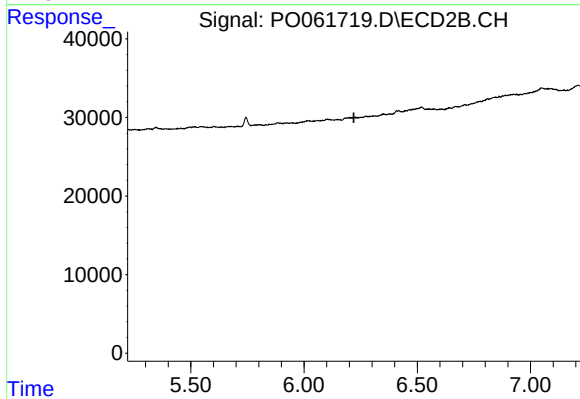
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



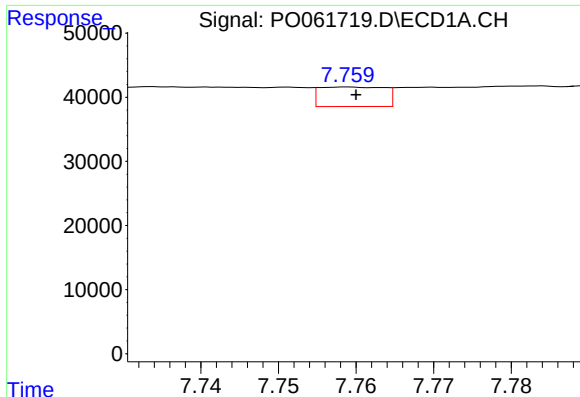
#32 AR-1260-2

R.T.: 7.371 min
Delta R.T.: -0.029 min
Response: 62182
Conc: 19.51 ng/ml



#32 AR-1260-2

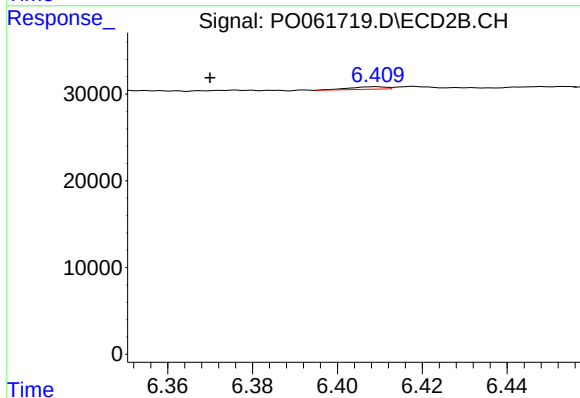
R.T.: 0.000 min
Exp R.T. : 6.220 min
Response: 0
Conc: N.D.



#33 AR-1260-3

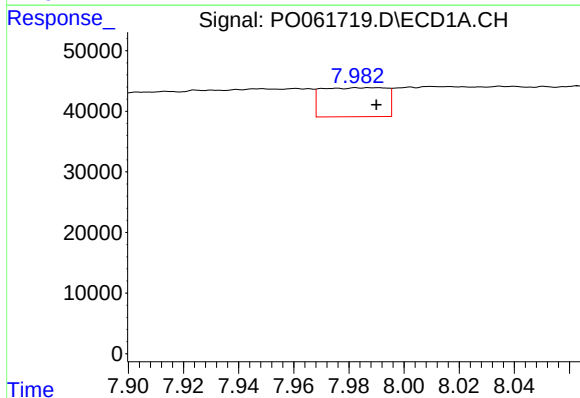
R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 17742
Conc: 7.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



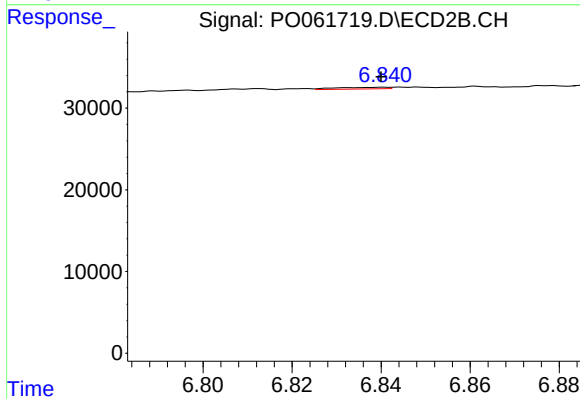
#33 AR-1260-3

R.T.: 6.409 min
Delta R.T.: 0.039 min
Response: 1820
Conc: 0.81 ng/ml



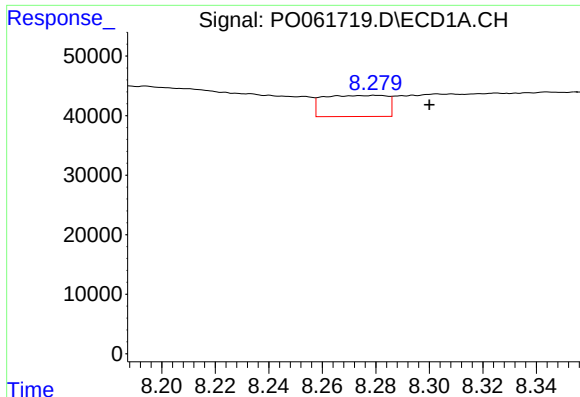
#34 AR-1260-4

R.T.: 7.983 min
Delta R.T.: -0.007 min
Response: 77379
Conc: 28.96 ng/ml



#34 AR-1260-4

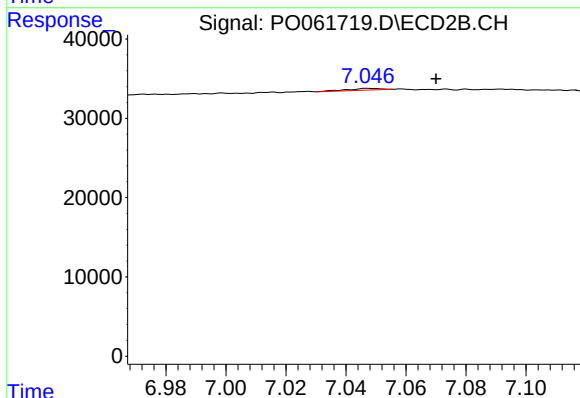
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 1608
Conc: 0.87 ng/ml



#35 AR-1260-5

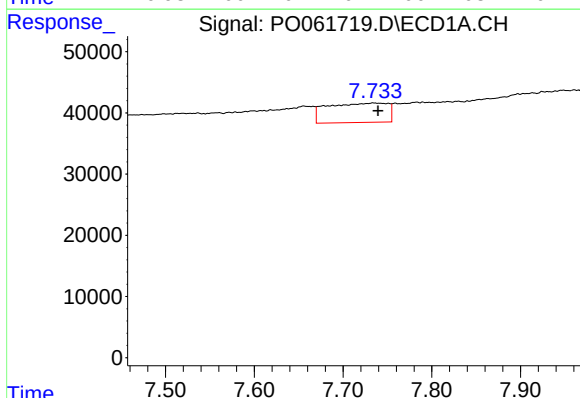
R.T.: 8.280 min
Delta R.T.: -0.020 min
Response: 58620
Conc: 11.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



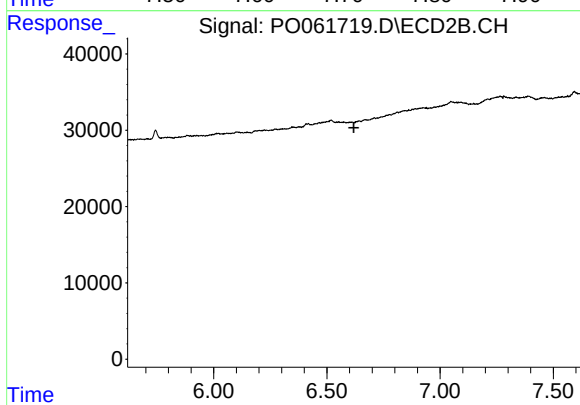
#35 AR-1260-5

R.T.: 7.047 min
Delta R.T.: -0.023 min
Response: 1605
Conc: 0.41 ng/ml



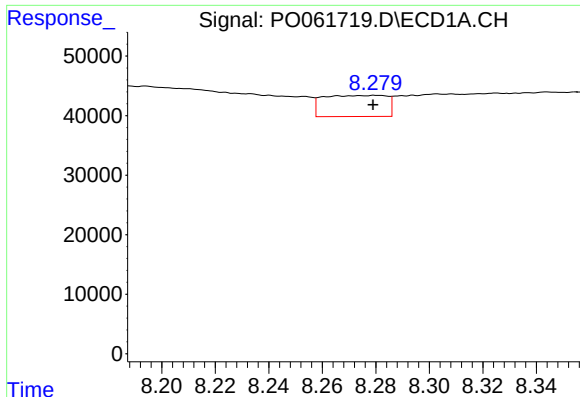
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.005 min
Response: 150298
Conc: 39.23 ng/ml



#36 AR-1262-1

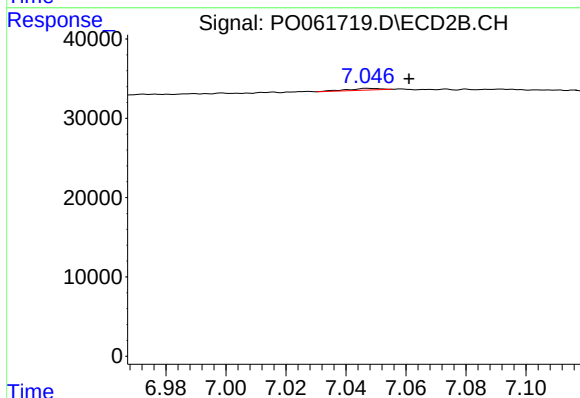
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.



#37 AR-1262-2

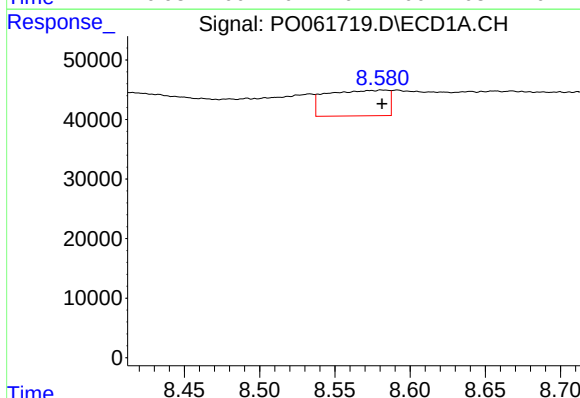
R.T.: 8.280 min
Delta R.T.: 0.001 min
Response: 58620
Conc: 9.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



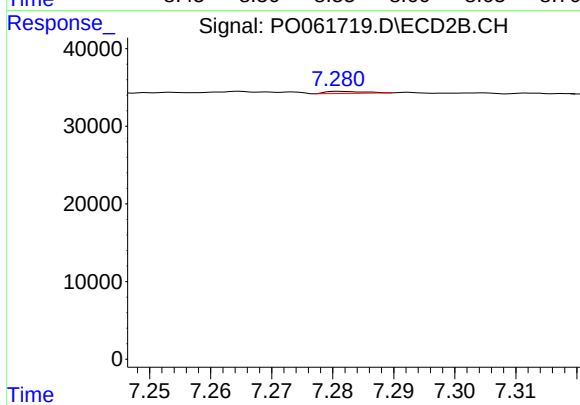
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.014 min
Response: 1605
Conc: 0.35 ng/ml



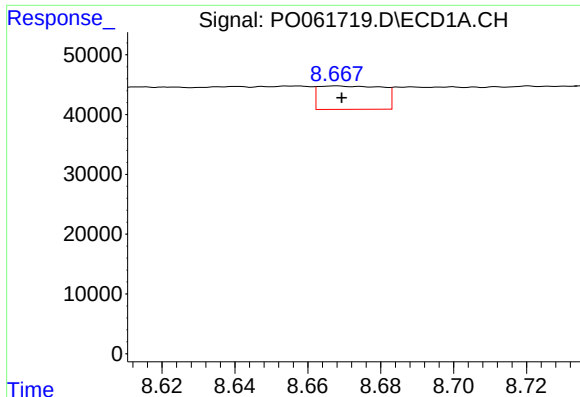
#38 AR-1262-3

R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 122245
Conc: 29.41 ng/ml



#38 AR-1262-3

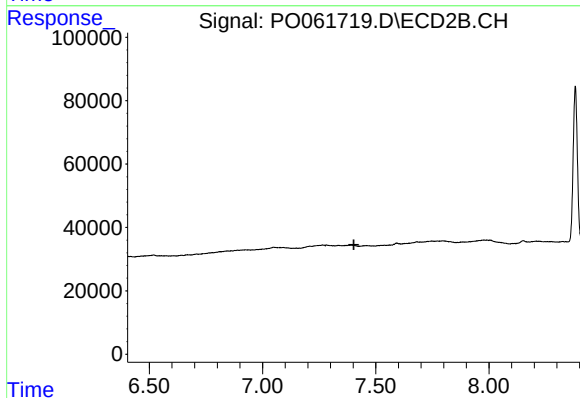
R.T.: 7.281 min
Delta R.T.: -0.059 min
Response: 1173
Conc: 0.62 ng/ml



#39 AR-1262-4

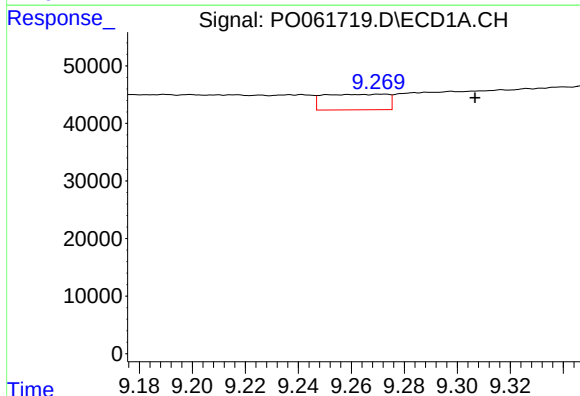
R.T.: 8.668 min
Delta R.T.: -0.002 min
Response: 47695
Conc: 15.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



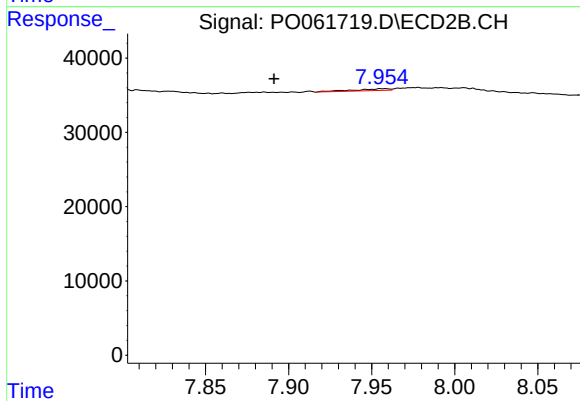
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.403 min
Response: 0
Conc: N.D.



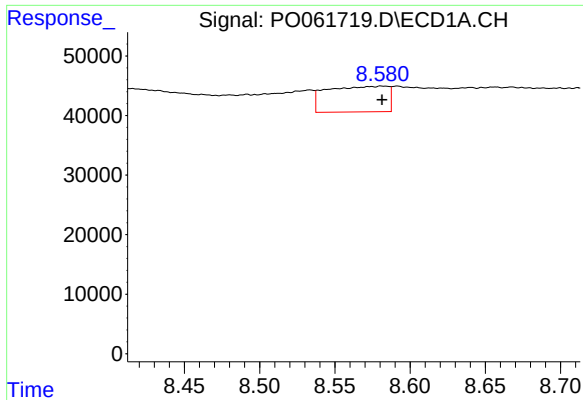
#40 AR-1262-5

R.T.: 9.272 min
Delta R.T.: -0.035 min
Response: 45049
Conc: 22.15 ng/ml



#40 AR-1262-5

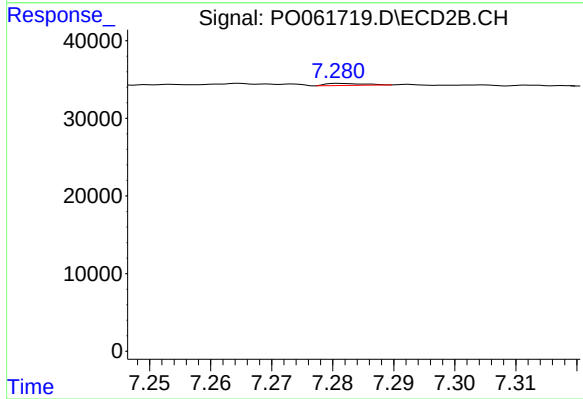
R.T.: 7.955 min
Delta R.T.: 0.064 min
Response: 3627
Conc: 2.39 ng/ml



#41 AR-1268-1

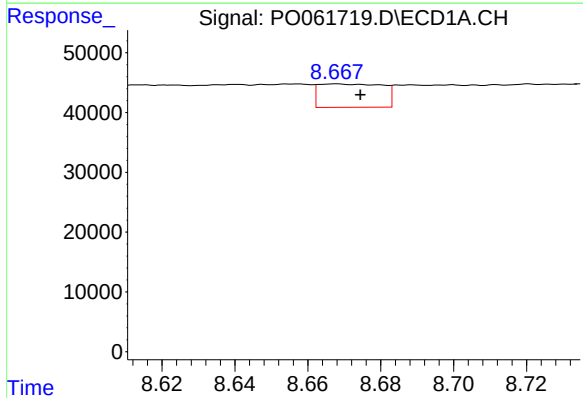
R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 122245
Conc: 18.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



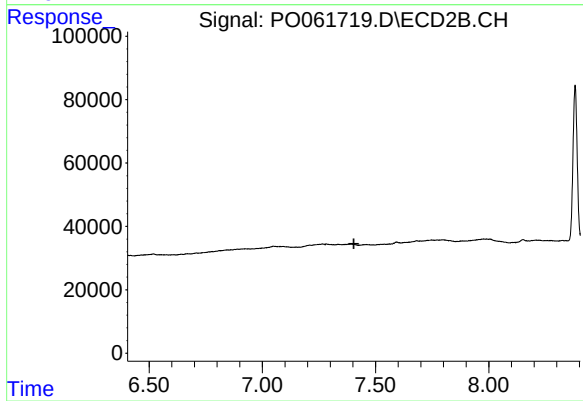
#41 AR-1268-1

R.T.: 7.281 min
Delta R.T.: -0.060 min
Response: 1173
Conc: 0.24 ng/ml



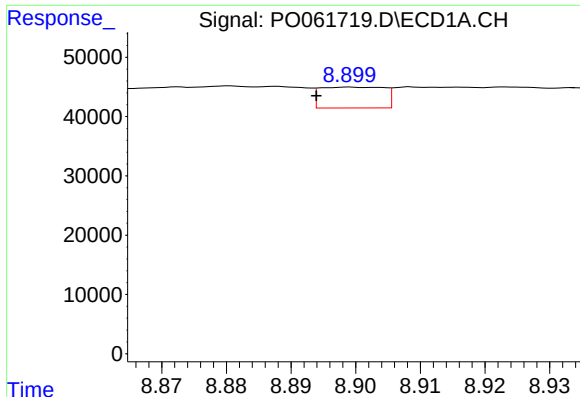
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: -0.007 min
Response: 47695
Conc: 7.70 ng/ml



#42 AR-1268-2

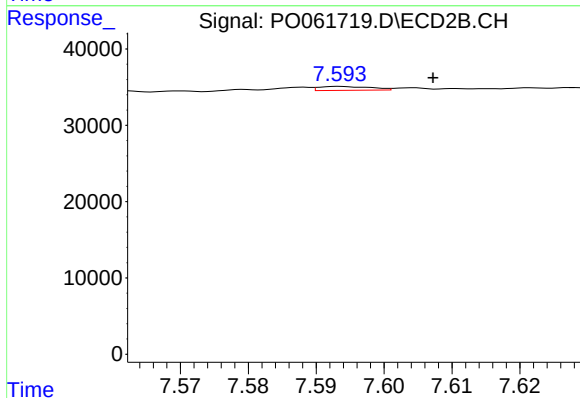
R.T.: 0.000 min
Exp R.T.: 7.404 min
Response: 0
Conc: N.D.



#43 AR-1268-3

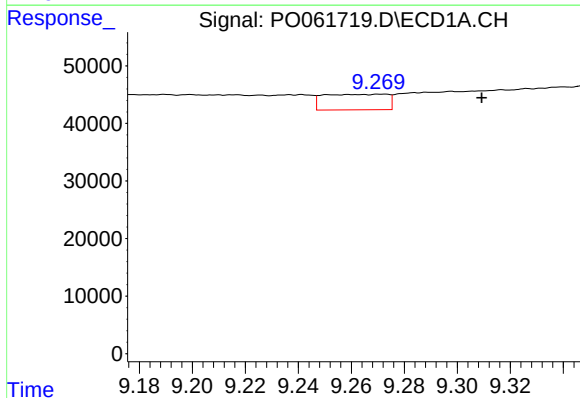
R.T.: 8.899 min
Delta R.T.: 0.005 min
Response: 24207
Conc: 4.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



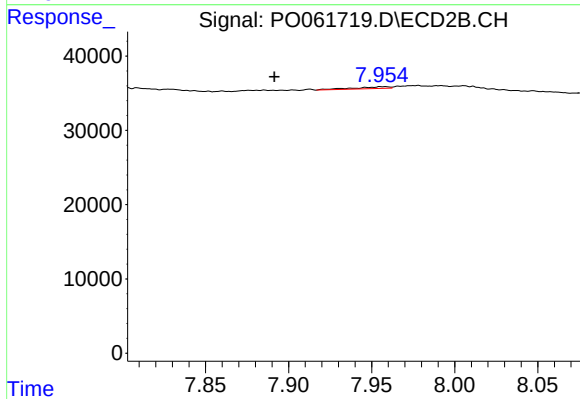
#43 AR-1268-3

R.T.: 7.594 min
Delta R.T.: -0.014 min
Response: 2777
Conc: 0.77 ng/ml



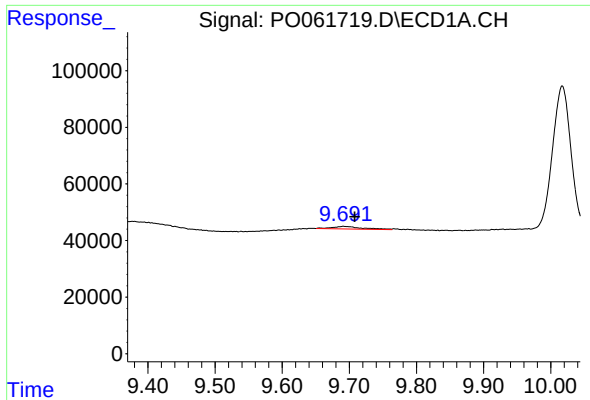
#44 AR-1268-4

R.T.: 9.272 min
Delta R.T.: -0.038 min
Response: 45049
Conc: 20.60 ng/ml



#44 AR-1268-4

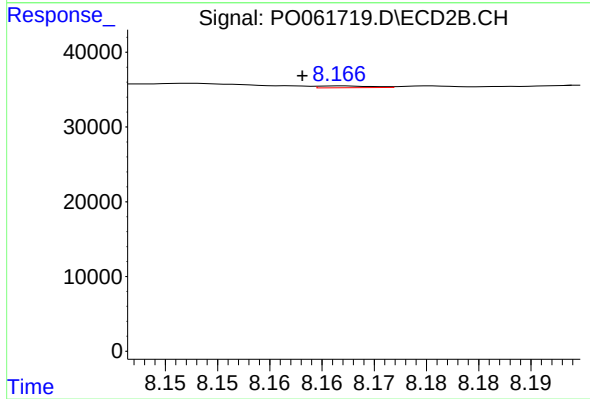
R.T.: 7.955 min
Delta R.T.: 0.064 min
Response: 3627
Conc: 2.25 ng/ml



#45 AR-1268-5

R.T.: 9.691 min
Delta R.T.: -0.017 min
Response: 27940
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
HARVEY-CONCRETE



#45 AR-1268-5

R.T.: 8.167 min
Delta R.T.: 0.004 min
Response: 867
Conc: 0.09 ng/ml