

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120519\
 Data File : PO064349.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Dec 2019 9:36
 Operator : SM/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: Dec 05 13:37:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.319	0.000	16003	0	0.540	N.D. #
2)	SA Decachlor...	9.915	8.468	16169	14950	0.395	0.366
Target Compounds							
3)	L1 AR-1016-1	5.475	0.000	6102	0	4.700	N.D. #
4)	L1 AR-1016-2	5.497	0.000	11497	0	6.306	N.D. #
5)	L1 AR-1016-3	5.548	0.000	5891	0	5.133	N.D. #
6)	L1 AR-1016-4	5.665	0.000	39332	0	41.824	N.D. #
7)	L1 AR-1016-5	5.974	0.000	27388	0	28.144	N.D. #
8)	L2 AR-1221-1	4.531	3.835	4614	13221	12.989	50.535 #
9)	L2 AR-1221-2	4.614	3.835	9724	13221	35.170	66.152 #
10)	L2 AR-1221-3	4.687	0.000	54248	0	64.606	N.D. #
11)	L3 AR-1232-1	4.687	0.000	54248	0	42.313	N.D. #
12)	L3 AR-1232-2	5.220	0.000	4694	0	6.682	N.D. #
13)	L3 AR-1232-3	5.497	0.000	11497	0	8.302	N.D. #
14)	L3 AR-1232-4	5.665	0.000	39332	0	55.282	N.D. #
16)	L4 AR-1242-1	5.475	0.000	6102	0	6.408	N.D. #
17)	L4 AR-1242-2	5.497	0.000	11497	0	8.513	N.D. #
18)	L4 AR-1242-3	5.548	0.000	5891	0	6.865	N.D. #
19)	L4 AR-1242-4	5.665	0.000	39332	0	56.253	N.D. #
20)	L4 AR-1242-5	6.438	5.418	23350	42385	27.640	54.007 #
21)	L5 AR-1248-1	5.475	0.000	6102	0	10.878	N.D. #
23)	L5 AR-1248-3	5.974	0.000	27388	0	29.773	N.D. #
24)	L5 AR-1248-4	6.325	0.000	45036	0	40.632	N.D. #
25)	L5 AR-1248-5	6.438	5.418	23350	42385	21.762	34.984 #
26)	L6 AR-1254-1	6.325	5.418	45036	42385	27.594	21.566
27)	L6 AR-1254-2	6.577	0.000	19462	0	7.466	N.D. #
28)	L6 AR-1254-3	6.909	6.015	13859	28320	4.802	9.151 #
29)	L6 AR-1254-4	7.193	6.203	19887	22171	8.684	10.745
30)	L6 AR-1254-5	7.609	6.623	35553	17198	13.914	5.702 #
31)	L7 AR-1260-1	7.071	0.000	32238	0	17.082	N.D. #
32)	L7 AR-1260-2	7.326	6.296	10275	1277	4.394	0.574 #
33)	L7 AR-1260-3	7.684	6.450	15567	21580	8.409	10.614 #
34)	L7 AR-1260-4	7.885	6.924	43981	16427	20.068	8.857 #
35)	L7 AR-1260-5	8.226	7.159	30440	34772	6.895	7.182
36)	L8 AR-1262-1	7.684	6.765	15567	4880	5.214	3.884 #
37)	L8 AR-1262-2	8.226	7.159	30440	34772	5.521	5.829
38)	L8 AR-1262-3	8.534	7.509	21283	33415	5.501	14.334 #
39)	L8 AR-1262-4	8.562	7.509	11338	33415	3.879	7.504 #
40)	L8 AR-1262-5	9.237	8.009	16565	52836	7.892	25.017 #
41)	L9 AR-1268-1	8.534	7.509	21283	33415	3.264	4.786 #
42)	L9 AR-1268-2	8.644	7.509	16595	33415	2.747	5.219 #
43)	L9 AR-1268-3	8.833	7.694	13346	29769	2.688	5.684 #

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Volume Inj. : 2 µl
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.237	8.009	16565	52836	7.080	22.616 #
45) L9	AR-1268-5	9.622	8.321	6048	27645	0.394	1.674 #

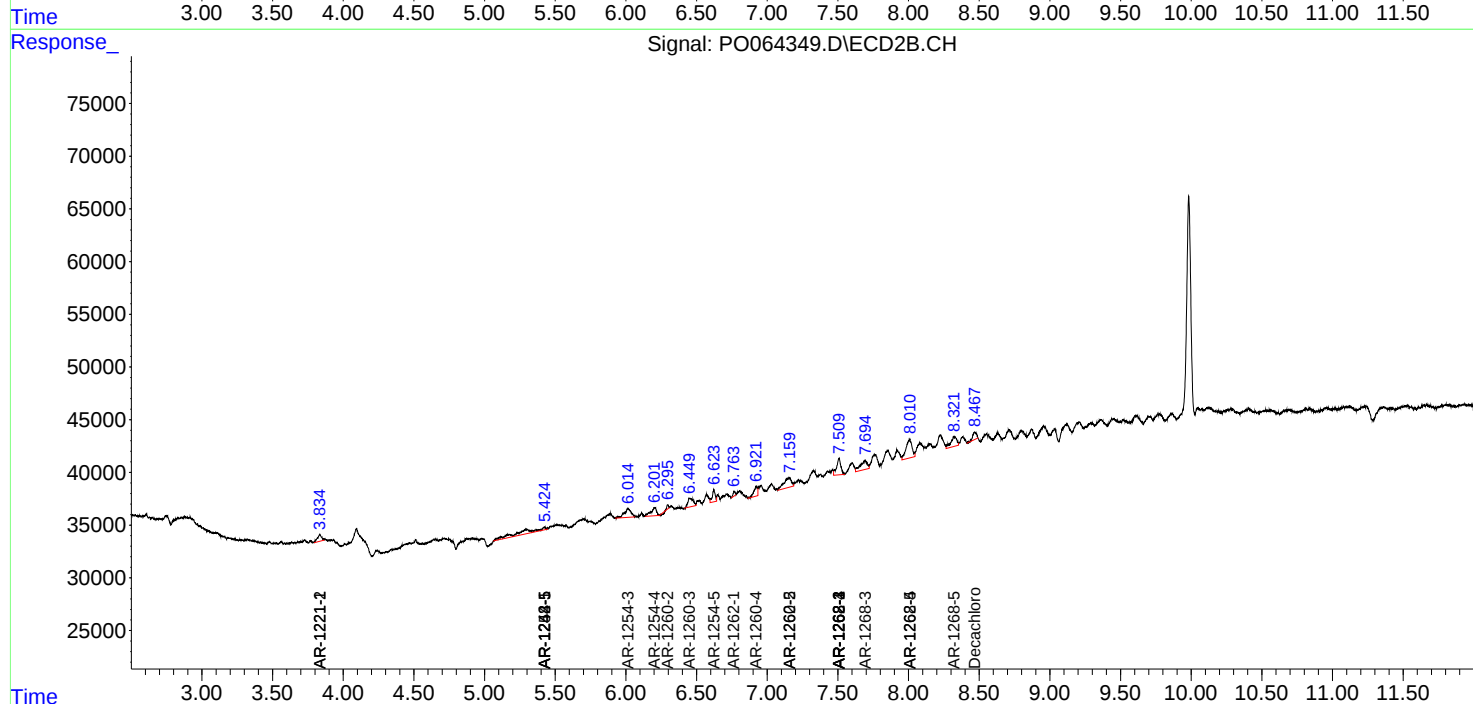
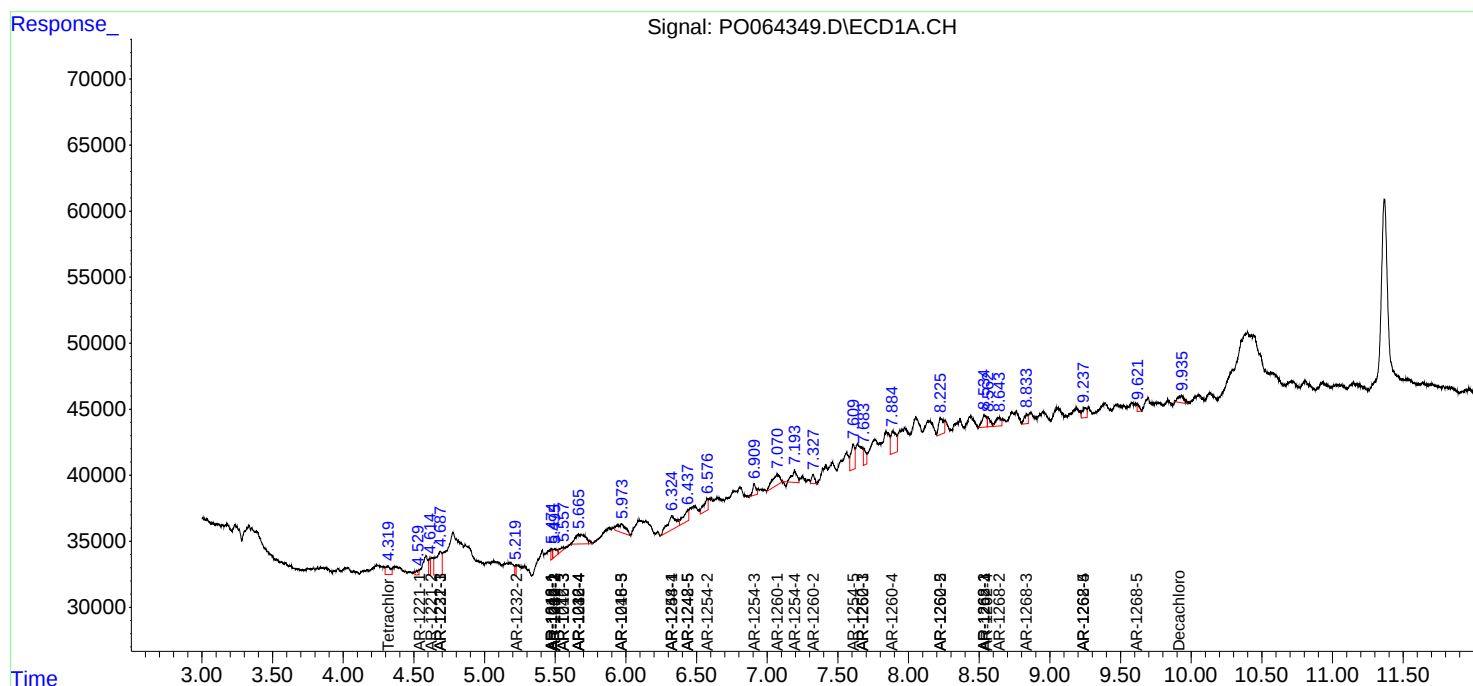
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

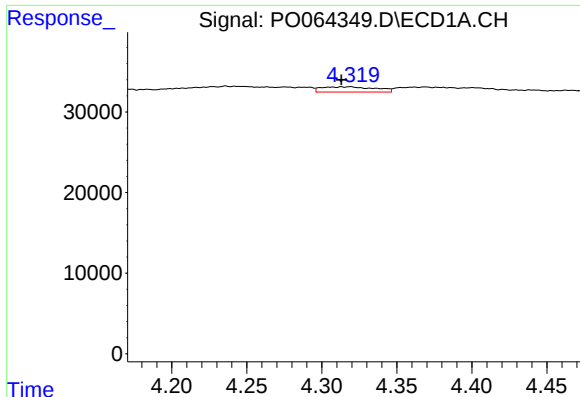
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120519\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

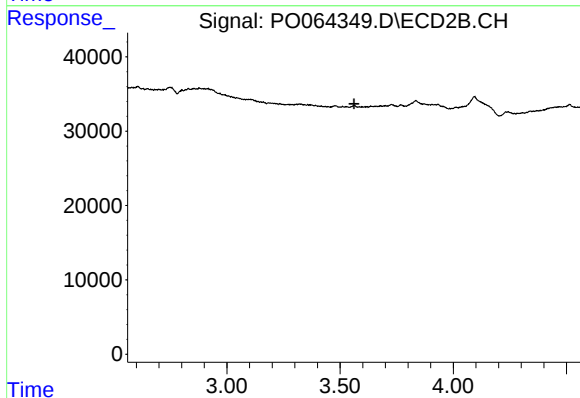




#1 Tetrachloro-m-xylene

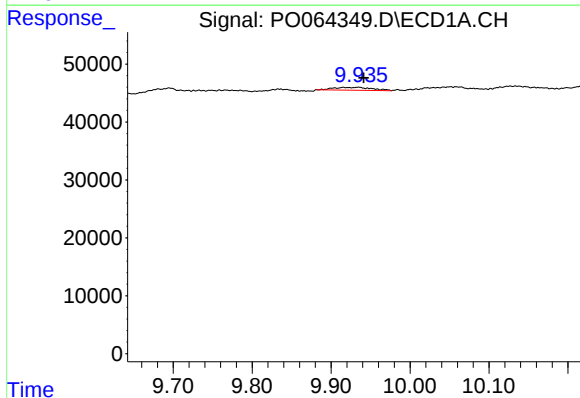
R.T.: 4.319 min
Delta R.T.: 0.006 min
Response: 16003
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



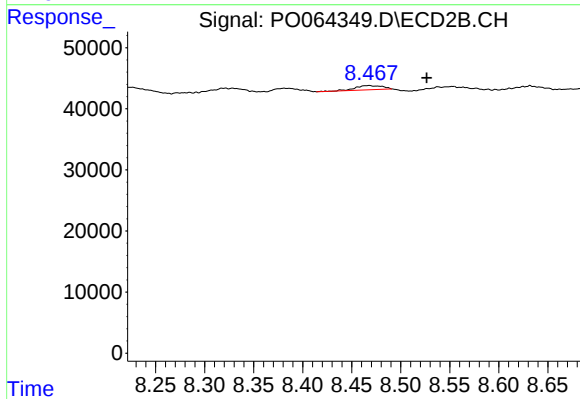
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.561 min
Response: 0
Conc: N.D.



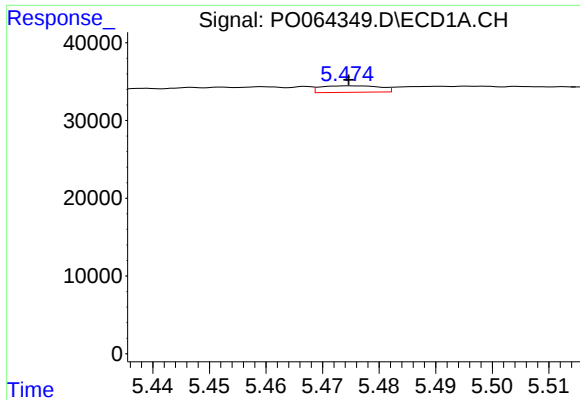
#2 Decachlorobiphenyl

R.T.: 9.915 min
Delta R.T.: -0.026 min
Response: 16169
Conc: 0.39 ng/ml



#2 Decachlorobiphenyl

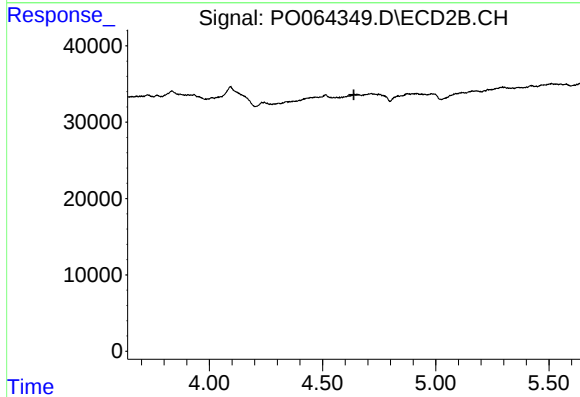
R.T.: 8.468 min
Delta R.T.: -0.059 min
Response: 14950
Conc: 0.37 ng/ml



#3 AR-1016-1

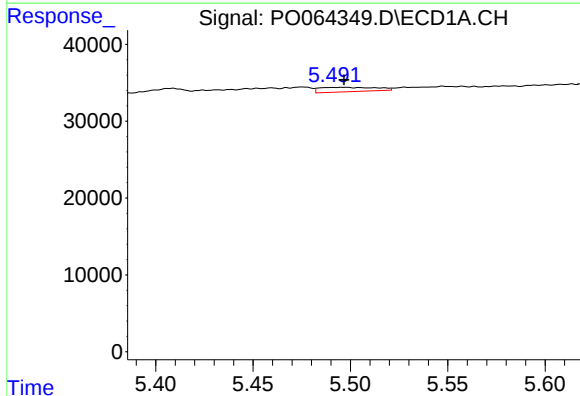
R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 6102
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



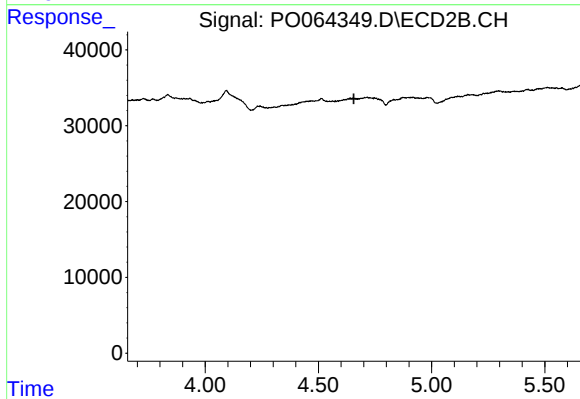
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.638 min
Response: 0
Conc: N.D.



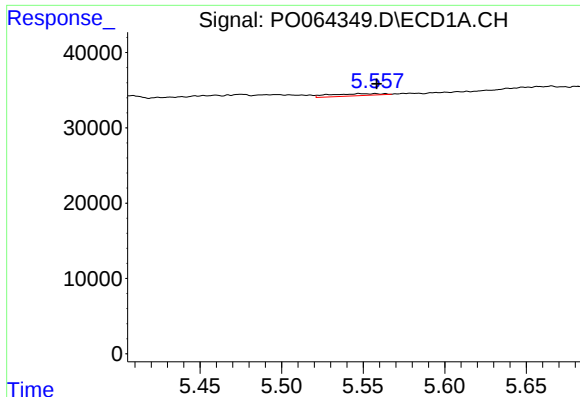
#4 AR-1016-2

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 11497
Conc: 6.31 ng/ml



#4 AR-1016-2

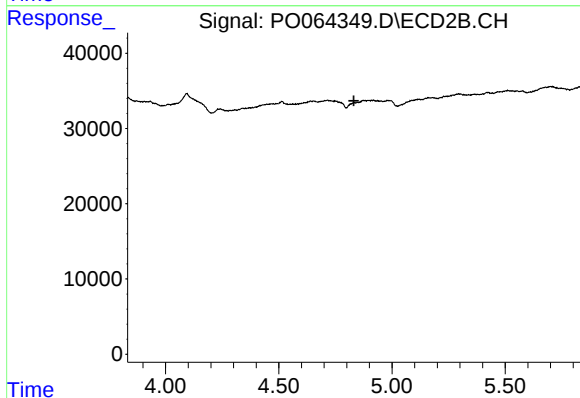
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

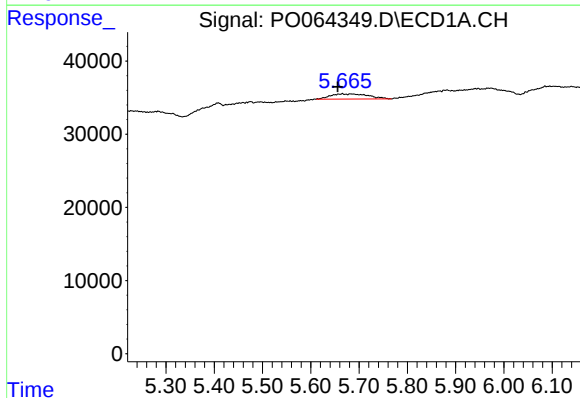
R.T.: 5.548 min
Delta R.T.: -0.010 min
Response: 5891
Conc: 5.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



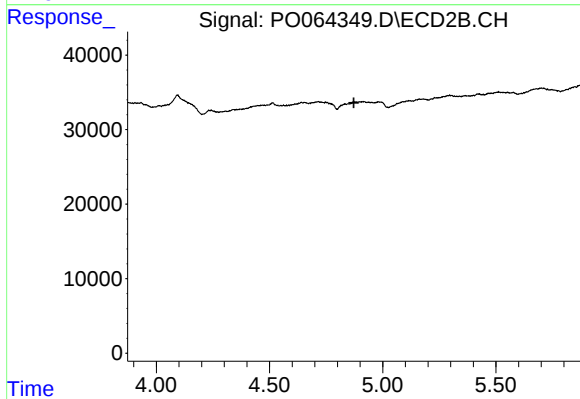
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



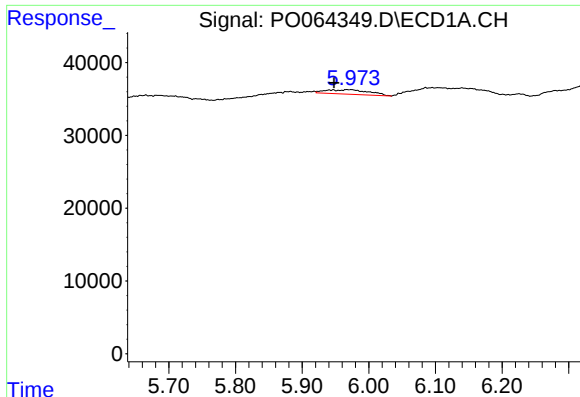
#6 AR-1016-4

R.T.: 5.665 min
Delta R.T.: 0.009 min
Response: 39332
Conc: 41.82 ng/ml



#6 AR-1016-4

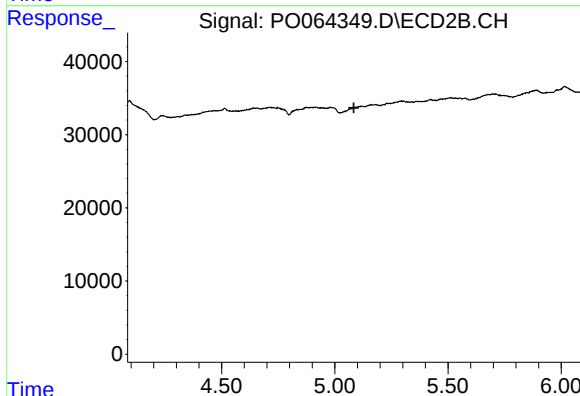
R.T.: 0.000 min
Exp R.T. : 4.872 min
Response: 0
Conc: N.D.



#7 AR-1016-5

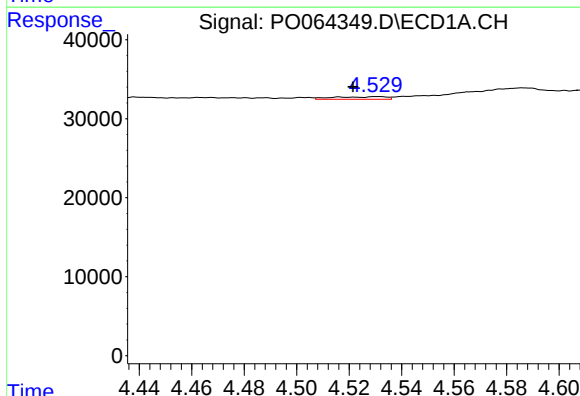
R.T.: 5.974 min
Delta R.T.: 0.026 min
Response: 27388
Conc: 28.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



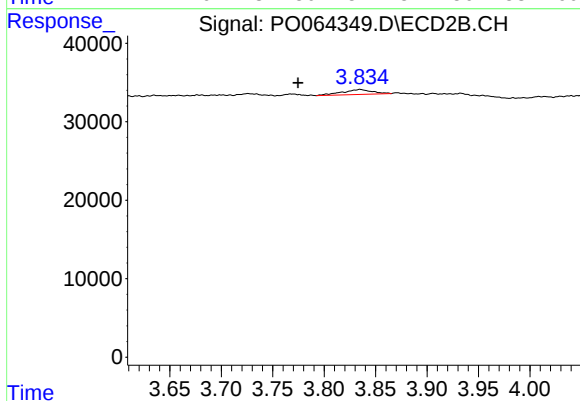
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



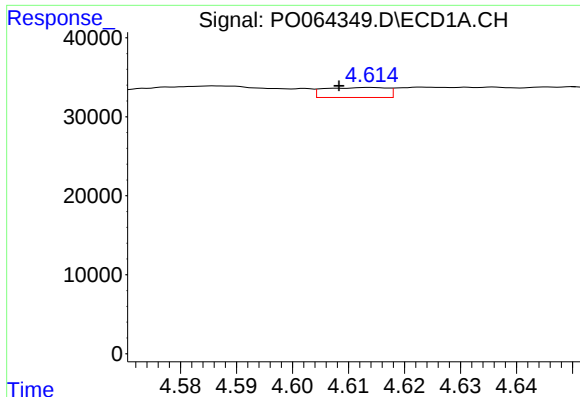
#8 AR-1221-1

R.T.: 4.531 min
Delta R.T.: 0.009 min
Response: 4614
Conc: 12.99 ng/ml



#8 AR-1221-1

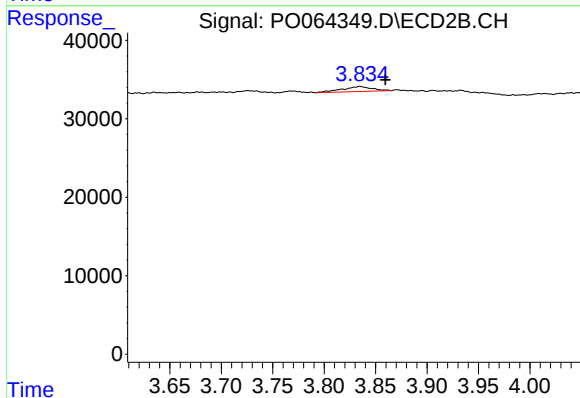
R.T.: 3.835 min
Delta R.T.: 0.060 min
Response: 13221
Conc: 50.54 ng/ml



#9 AR-1221-2

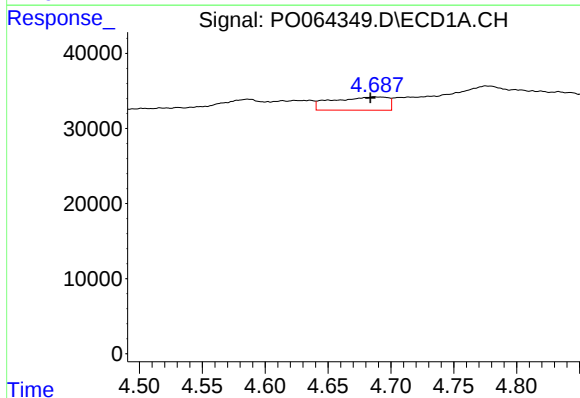
R.T.: 4.614 min
Delta R.T.: 0.006 min
Response: 9724
Conc: 35.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



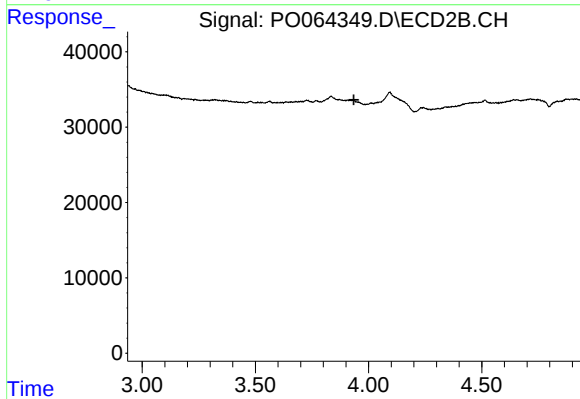
#9 AR-1221-2

R.T.: 3.835 min
Delta R.T.: -0.025 min
Response: 13221
Conc: 66.15 ng/ml



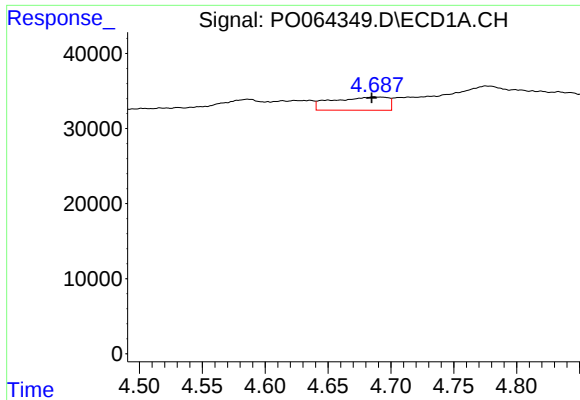
#10 AR-1221-3

R.T.: 4.687 min
Delta R.T.: 0.003 min
Response: 54248
Conc: 64.61 ng/ml



#10 AR-1221-3

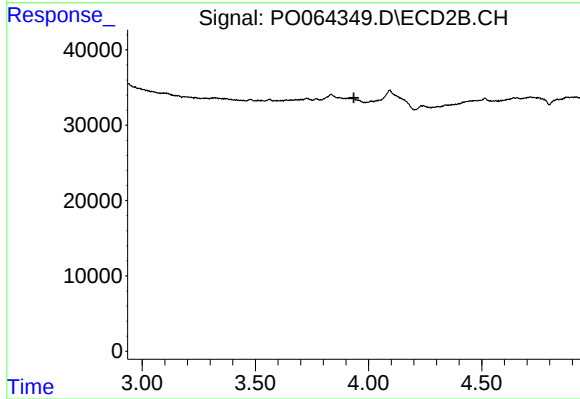
R.T.: 0.000 min
Exp R.T.: 3.935 min
Response: 0
Conc: N.D.



#11 AR-1232-1

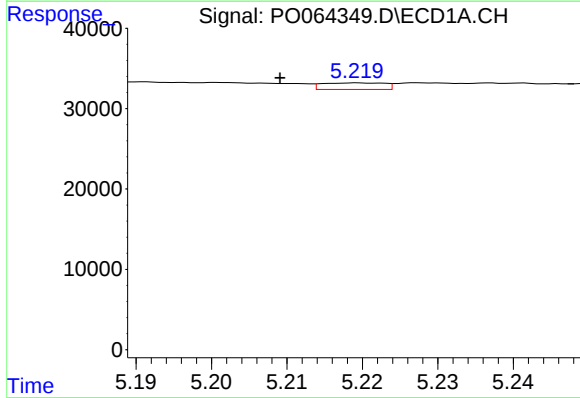
R.T.: 4.687 min
Delta R.T.: 0.002 min
Response: 54248
Conc: 42.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



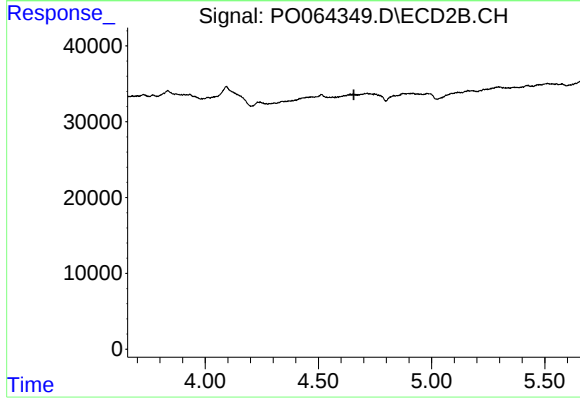
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



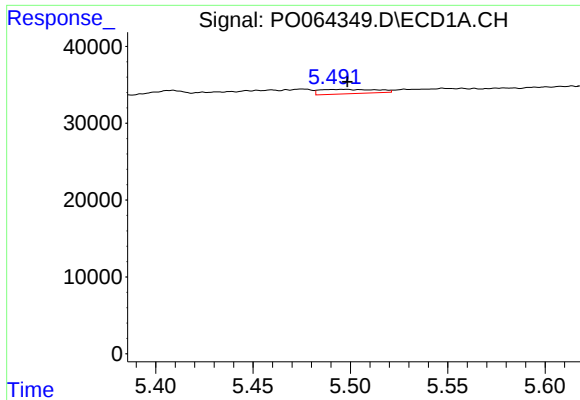
#12 AR-1232-2

R.T.: 5.220 min
Delta R.T.: 0.011 min
Response: 4694
Conc: 6.68 ng/ml



#12 AR-1232-2

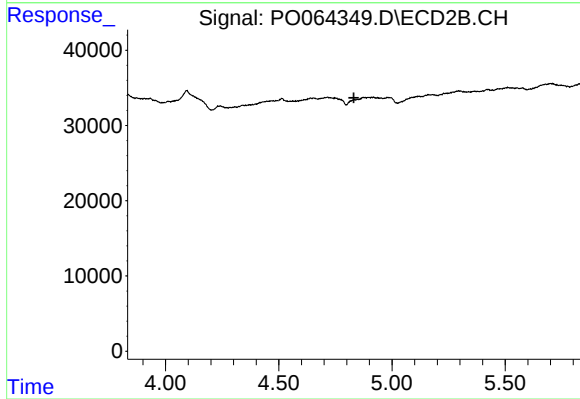
R.T.: 0.000 min
Exp R.T. : 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

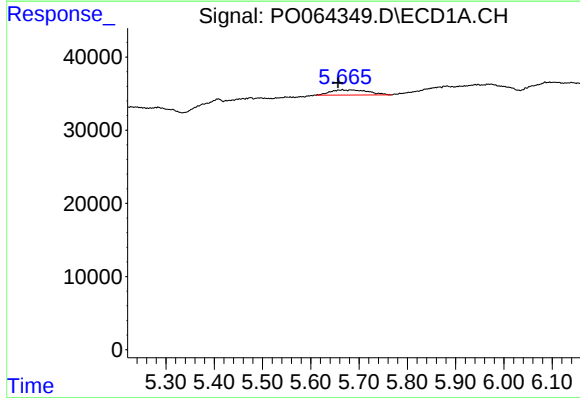
R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 11497
Conc: 8.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



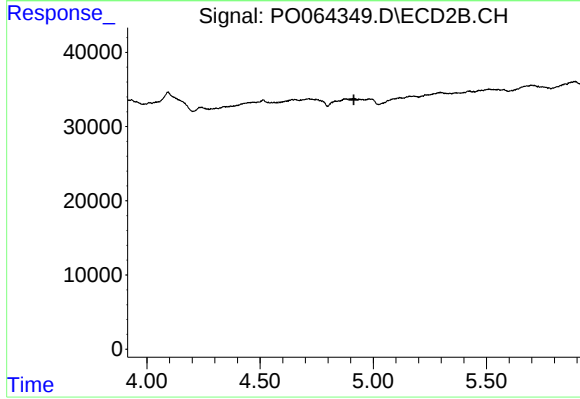
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



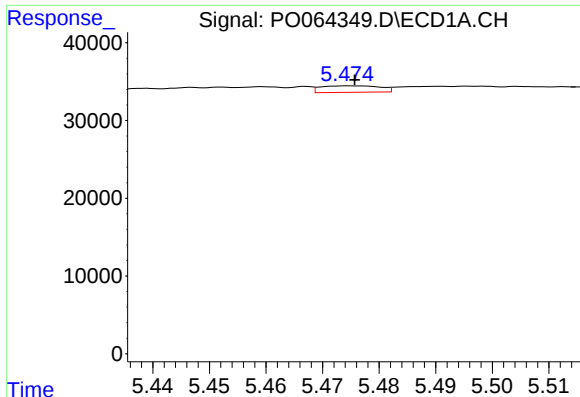
#14 AR-1232-4

R.T.: 5.665 min
Delta R.T.: 0.009 min
Response: 39332
Conc: 55.28 ng/ml



#14 AR-1232-4

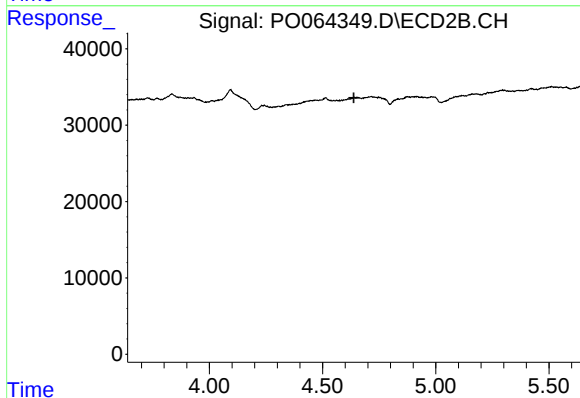
R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#16 AR-1242-1

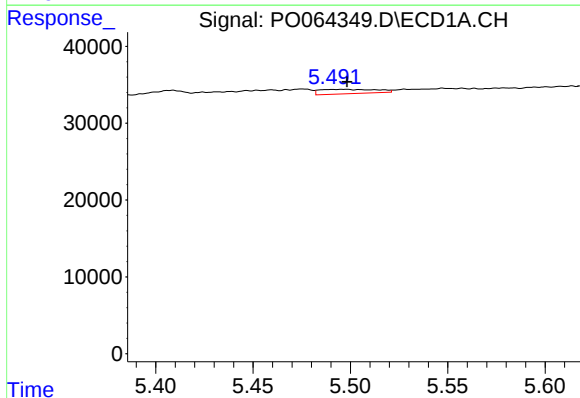
R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 6102
Conc: 6.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



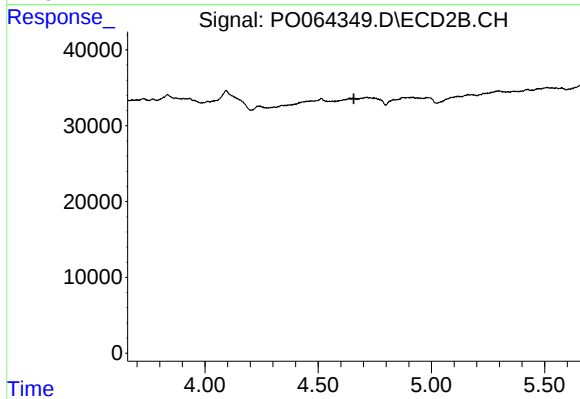
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.639 min
Response: 0
Conc: N.D.



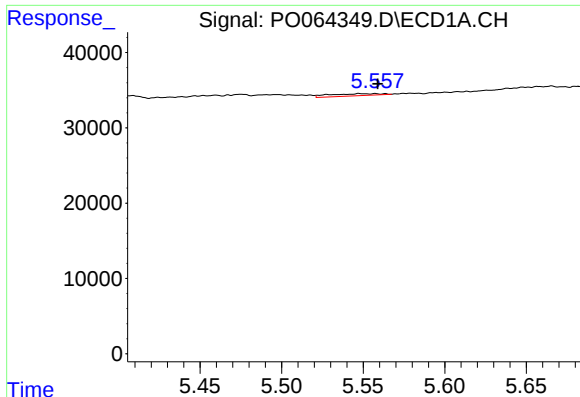
#17 AR-1242-2

R.T.: 5.497 min
Delta R.T.: -0.001 min
Response: 11497
Conc: 8.51 ng/ml



#17 AR-1242-2

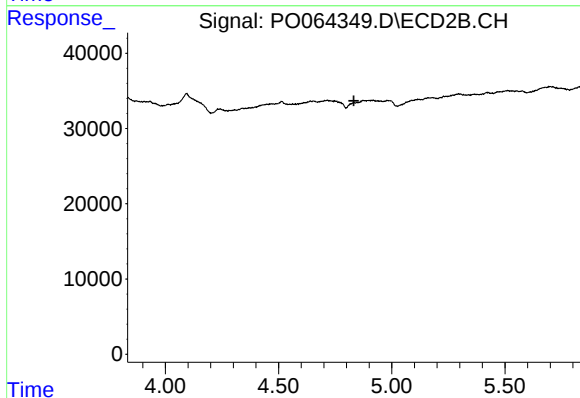
R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



#18 AR-1242-3

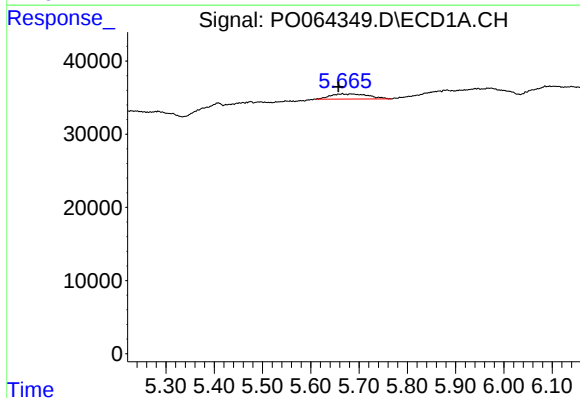
R.T.: 5.548 min
Delta R.T.: -0.011 min
Response: 5891
Conc: 6.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



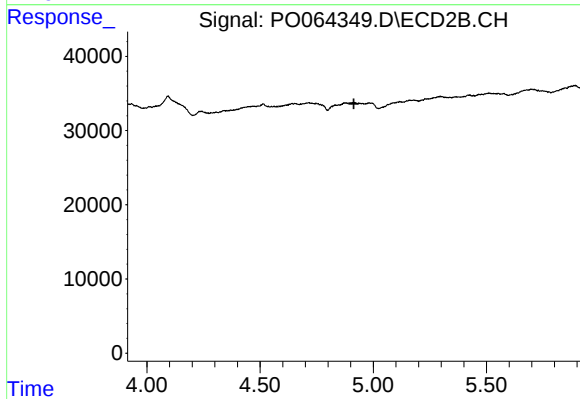
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



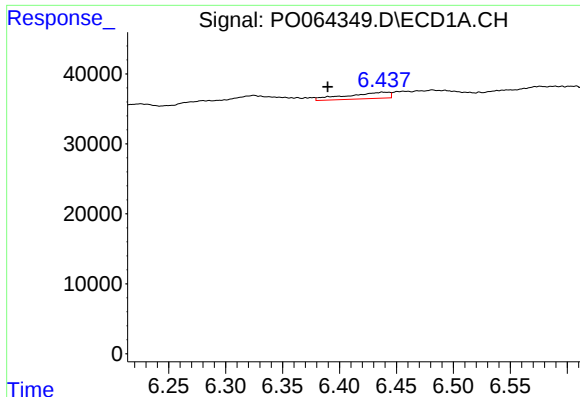
#19 AR-1242-4

R.T.: 5.665 min
Delta R.T.: 0.008 min
Response: 39332
Conc: 56.25 ng/ml



#19 AR-1242-4

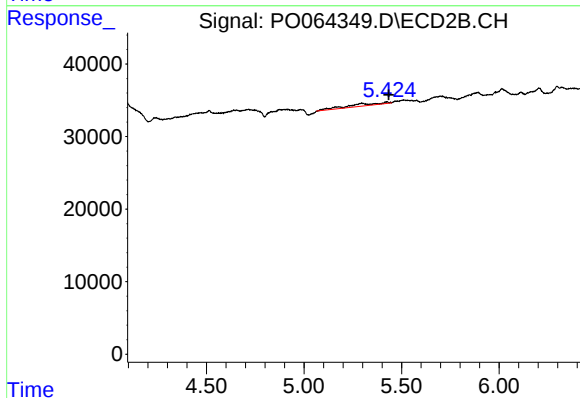
R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#20 AR-1242-5

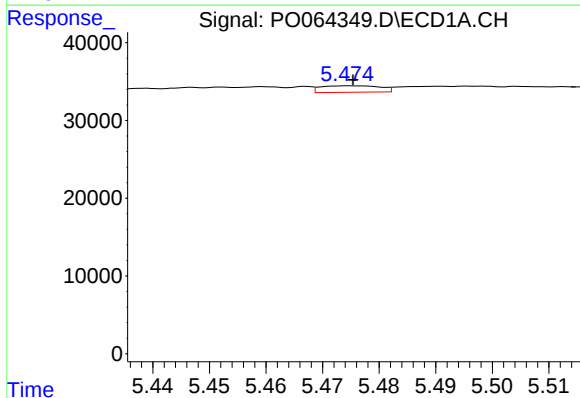
R.T.: 6.438 min
Delta R.T.: 0.048 min
Response: 23350
Conc: 27.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



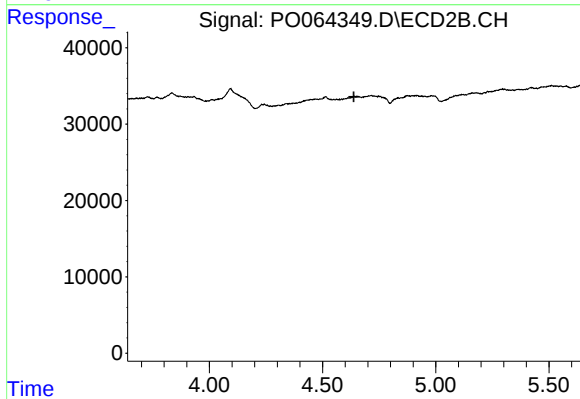
#20 AR-1242-5

R.T.: 5.418 min
Delta R.T.: -0.016 min
Response: 42385
Conc: 54.01 ng/ml



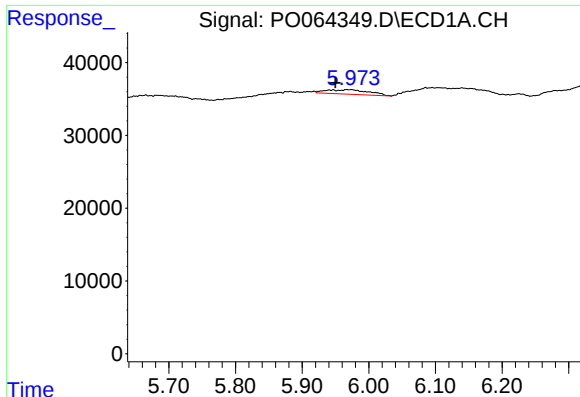
#21 AR-1248-1

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 6102
Conc: 10.88 ng/ml



#21 AR-1248-1

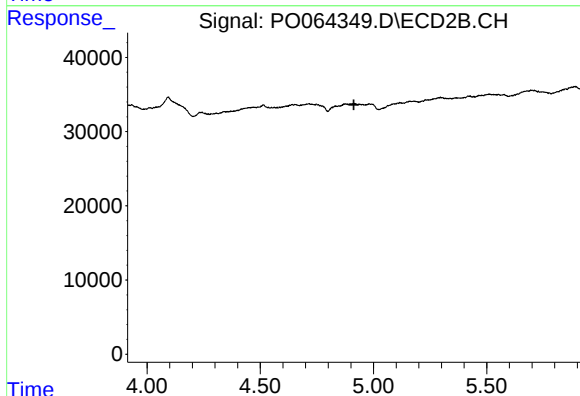
R.T.: 0.000 min
Exp R.T.: 4.638 min
Response: 0
Conc: N.D.



#23 AR-1248-3

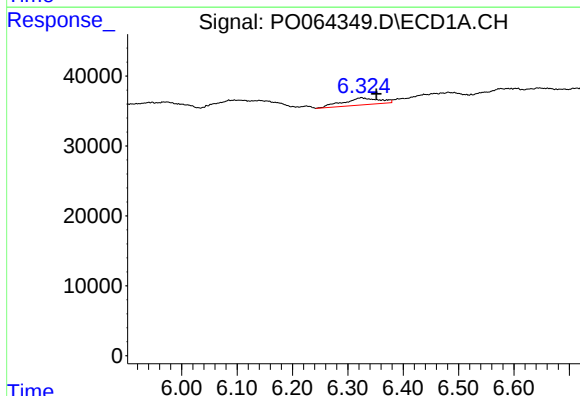
R.T.: 5.974 min
Delta R.T.: 0.024 min
Response: 27388
Conc: 29.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



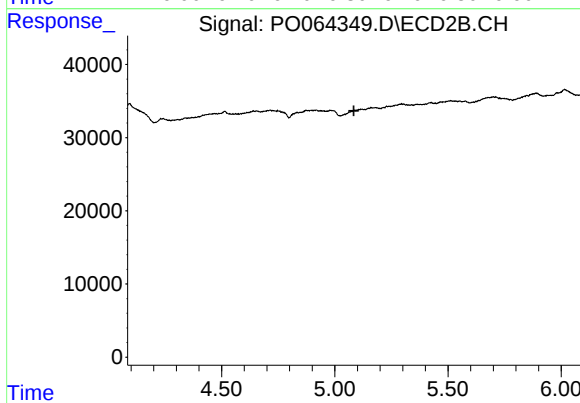
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



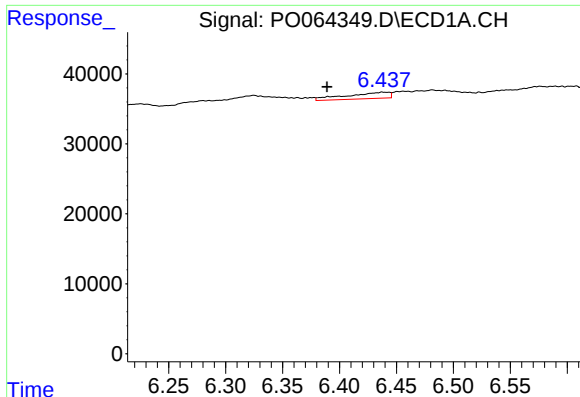
#24 AR-1248-4

R.T.: 6.325 min
Delta R.T.: -0.027 min
Response: 45036
Conc: 40.63 ng/ml



#24 AR-1248-4

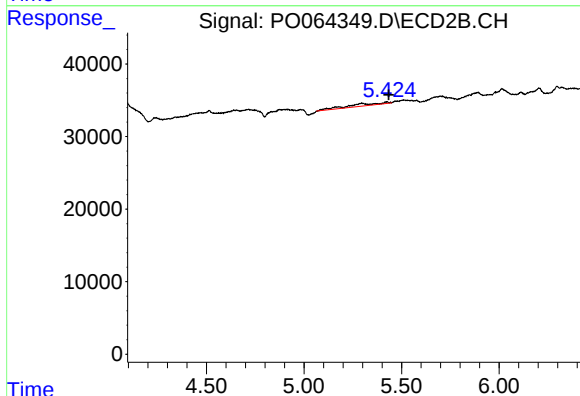
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#25 AR-1248-5

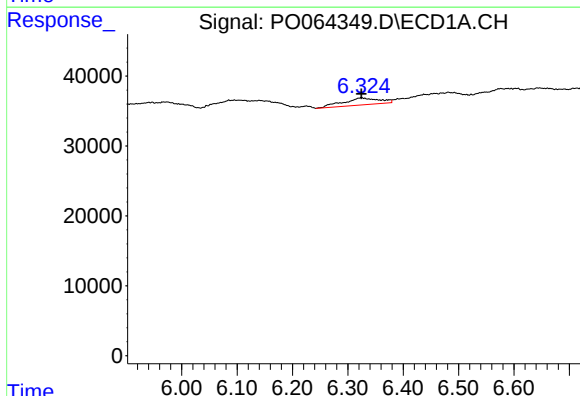
R.T.: 6.438 min
Delta R.T.: 0.049 min
Response: 23350
Conc: 21.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



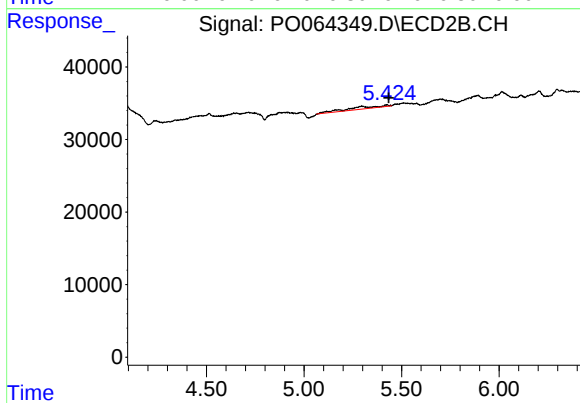
#25 AR-1248-5

R.T.: 5.418 min
Delta R.T.: -0.016 min
Response: 42385
Conc: 34.98 ng/ml



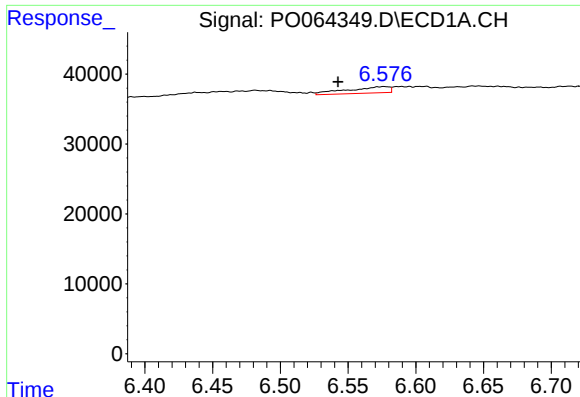
#26 AR-1254-1

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 45036
Conc: 27.59 ng/ml



#26 AR-1254-1

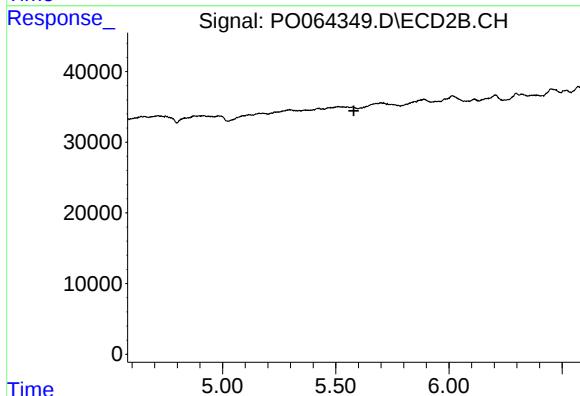
R.T.: 5.418 min
Delta R.T.: -0.016 min
Response: 42385
Conc: 21.57 ng/ml



#27 AR-1254-2

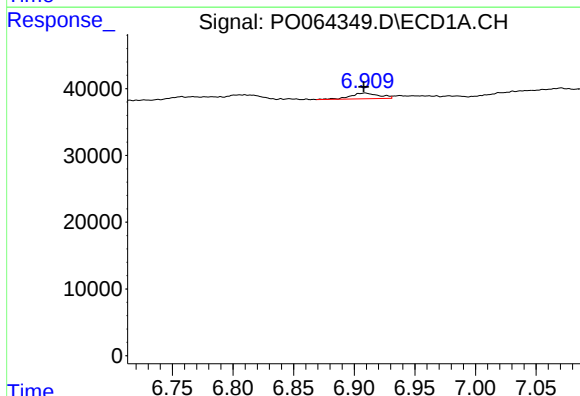
R.T.: 6.577 min
Delta R.T.: 0.034 min
Response: 19462
Conc: 7.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



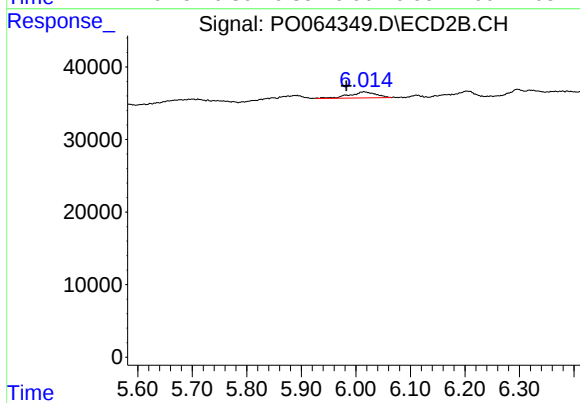
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.580 min
Response: 0
Conc: N.D.



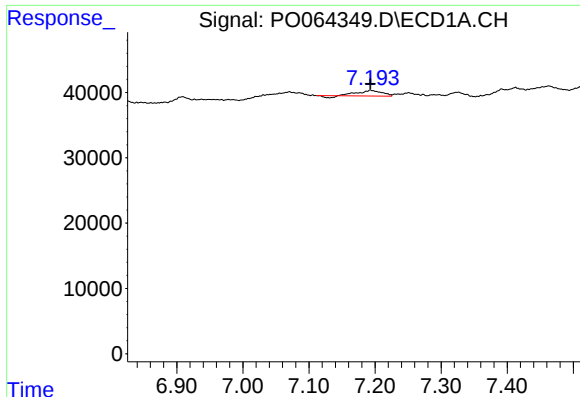
#28 AR-1254-3

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 13859
Conc: 4.80 ng/ml



#28 AR-1254-3

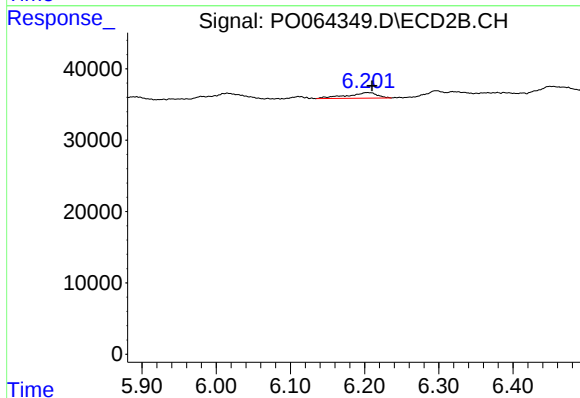
R.T.: 6.015 min
Delta R.T.: 0.032 min
Response: 28320
Conc: 9.15 ng/ml



#29 AR-1254-4

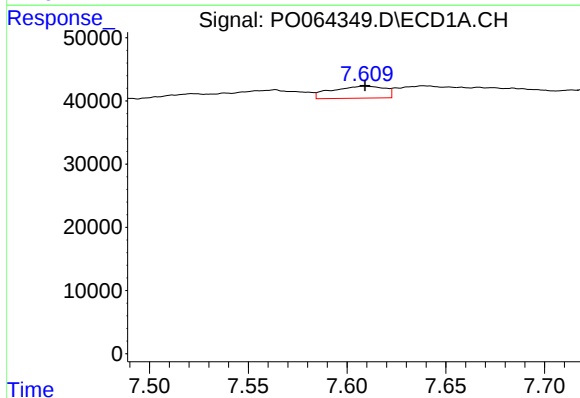
R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 19887
Conc: 8.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



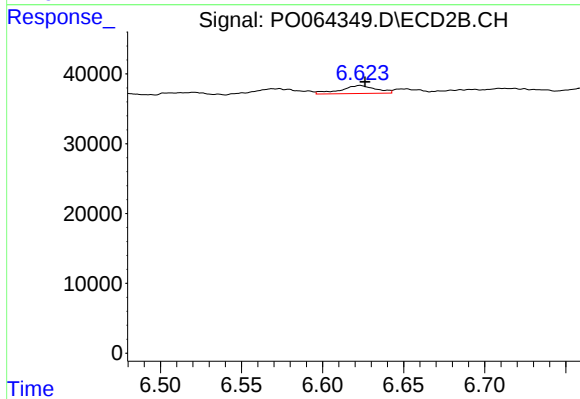
#29 AR-1254-4

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 22171
Conc: 10.75 ng/ml



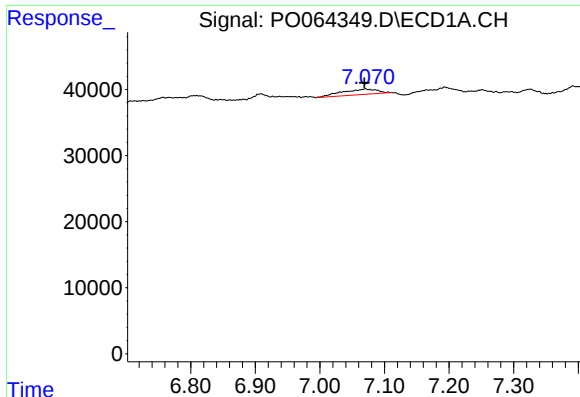
#30 AR-1254-5

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 35553
Conc: 13.91 ng/ml



#30 AR-1254-5

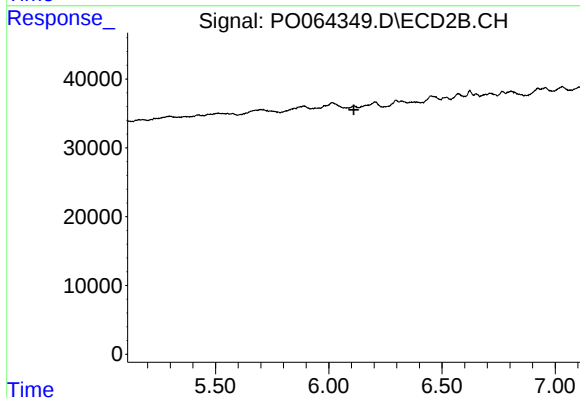
R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 17198
Conc: 5.70 ng/ml



#31 AR-1260-1

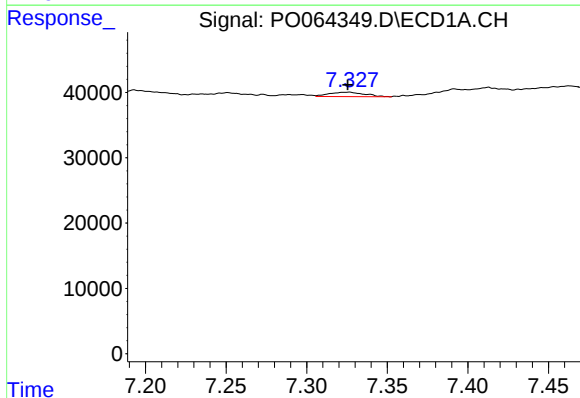
R.T.: 7.071 min
Delta R.T.: 0.002 min
Response: 32238
Conc: 17.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



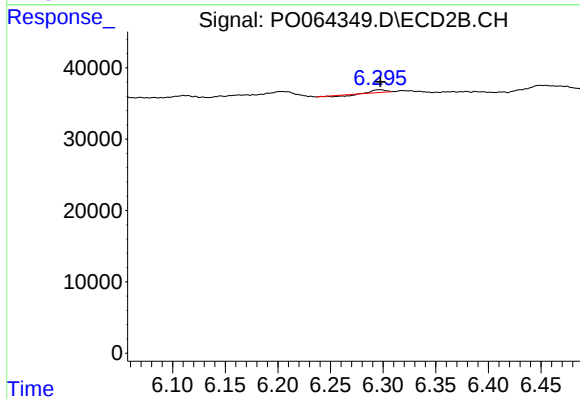
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.111 min
Response: 0
Conc: N.D.



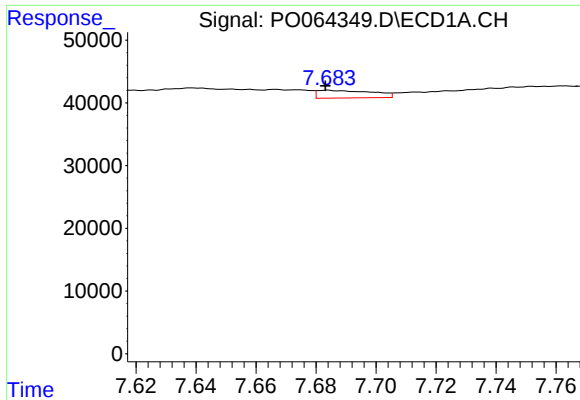
#32 AR-1260-2

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 10275
Conc: 4.39 ng/ml



#32 AR-1260-2

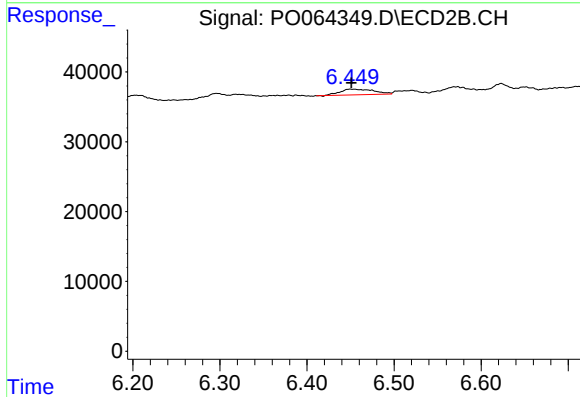
R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 1277
Conc: 0.57 ng/ml



#33 AR-1260-3

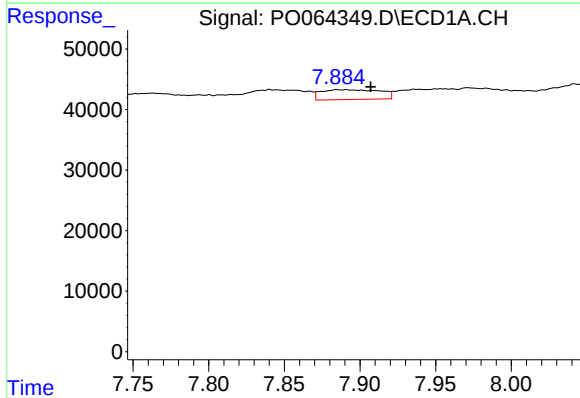
R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 15567
Conc: 8.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



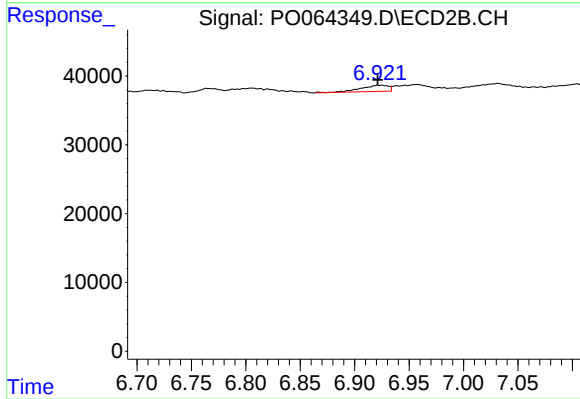
#33 AR-1260-3

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 21580
Conc: 10.61 ng/ml



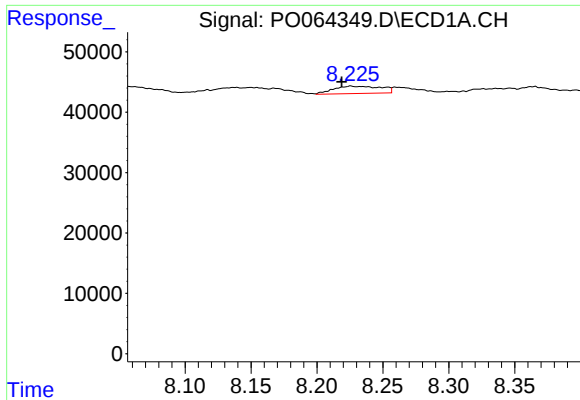
#34 AR-1260-4

R.T.: 7.885 min
Delta R.T.: -0.022 min
Response: 43981
Conc: 20.07 ng/ml



#34 AR-1260-4

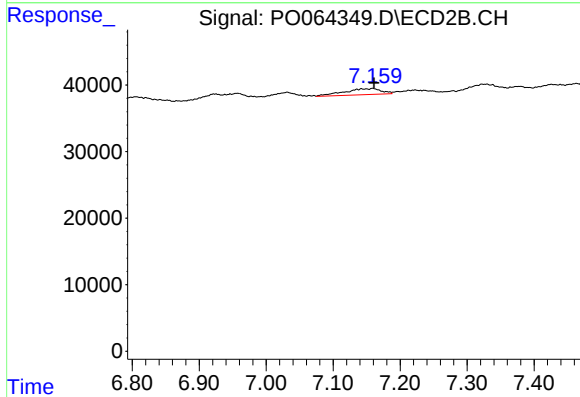
R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 16427
Conc: 8.86 ng/ml



#35 AR-1260-5

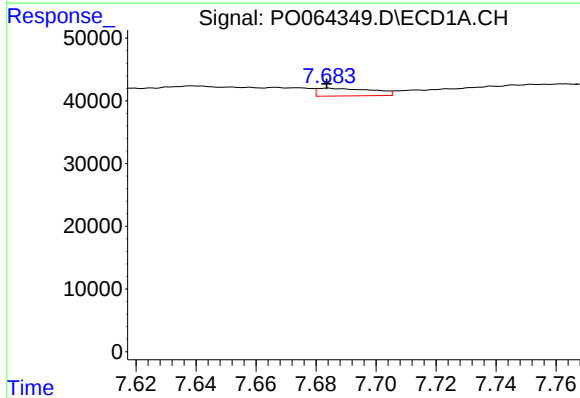
R.T.: 8.226 min
Delta R.T.: 0.007 min
Response: 30440
Conc: 6.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



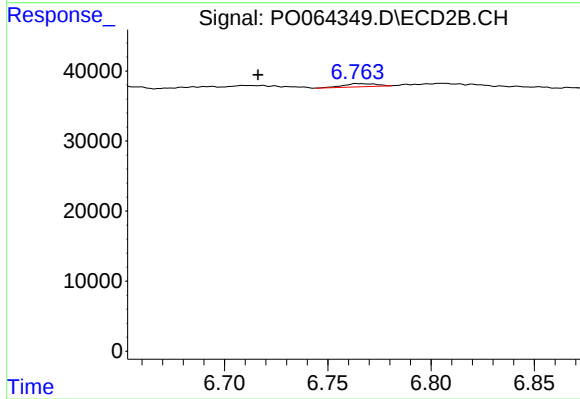
#35 AR-1260-5

R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 34772
Conc: 7.18 ng/ml



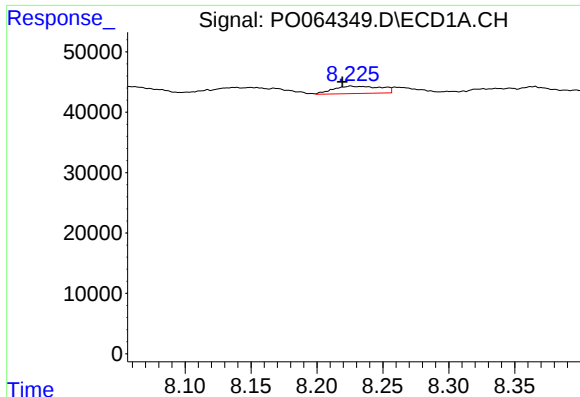
#36 AR-1262-1

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 15567
Conc: 5.21 ng/ml



#36 AR-1262-1

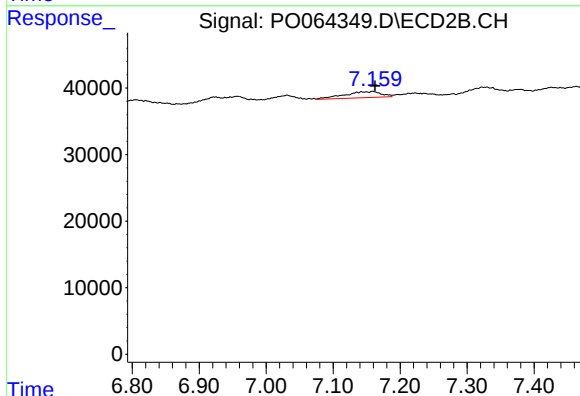
R.T.: 6.765 min
Delta R.T.: 0.049 min
Response: 4880
Conc: 3.88 ng/ml



#37 AR-1262-2

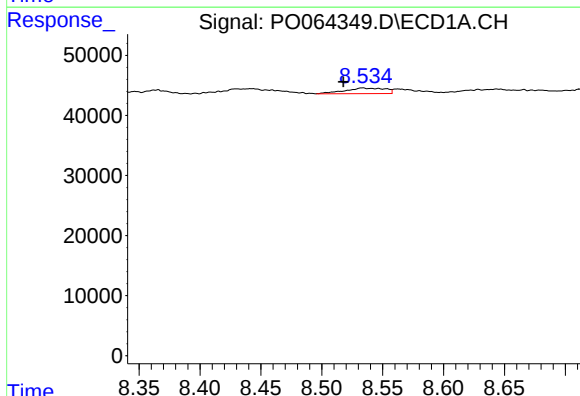
R.T.: 8.226 min
Delta R.T.: 0.007 min
Response: 30440
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



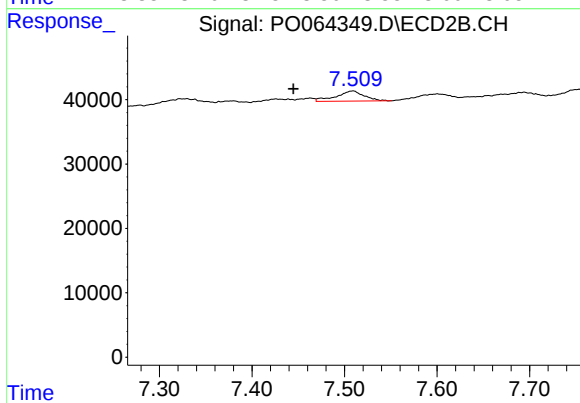
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 34772
Conc: 5.83 ng/ml



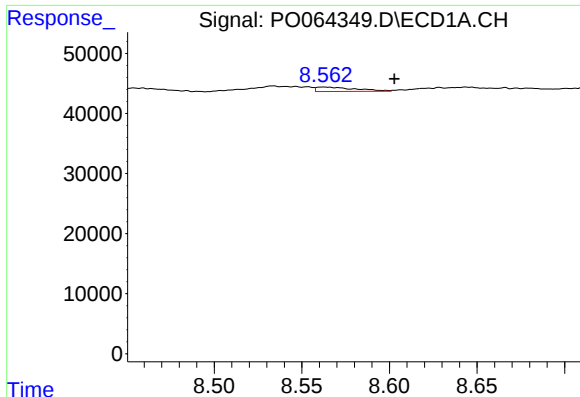
#38 AR-1262-3

R.T.: 8.534 min
Delta R.T.: 0.016 min
Response: 21283
Conc: 5.50 ng/ml



#38 AR-1262-3

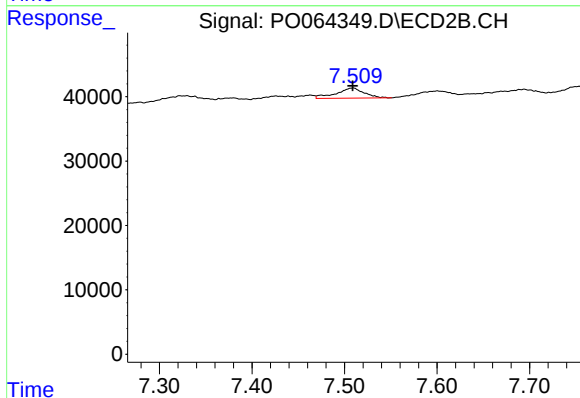
R.T.: 7.509 min
Delta R.T.: 0.064 min
Response: 33415
Conc: 14.33 ng/ml



#39 AR-1262-4

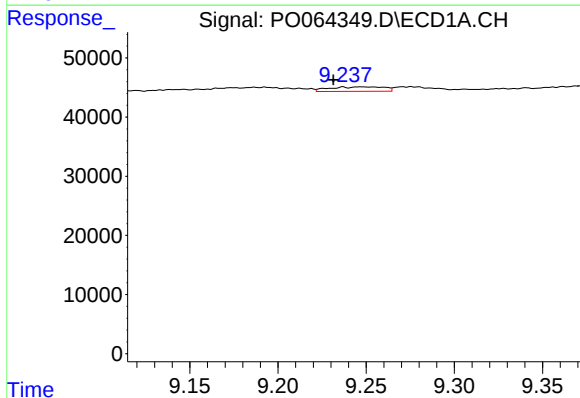
R.T.: 8.562 min
Delta R.T.: -0.040 min
Response: 11338
Conc: 3.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



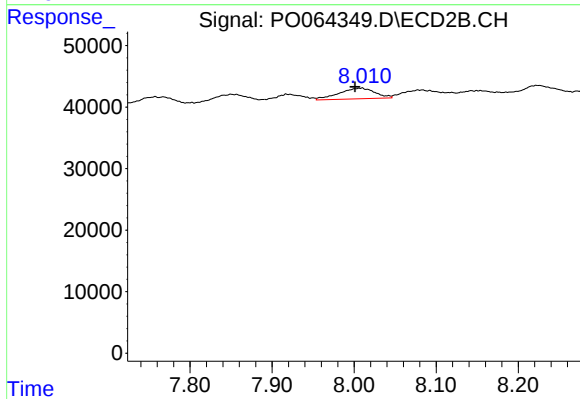
#39 AR-1262-4

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 33415
Conc: 7.50 ng/ml



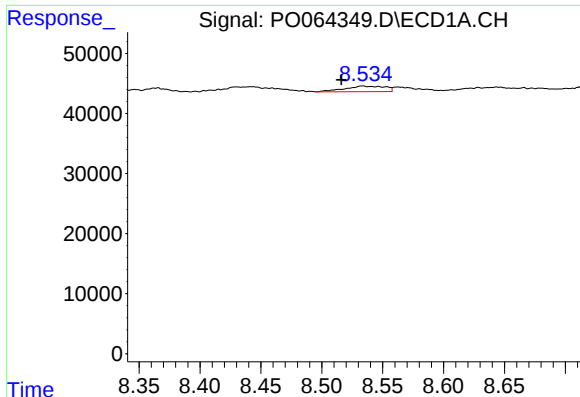
#40 AR-1262-5

R.T.: 9.237 min
Delta R.T.: 0.006 min
Response: 16565
Conc: 7.89 ng/ml



#40 AR-1262-5

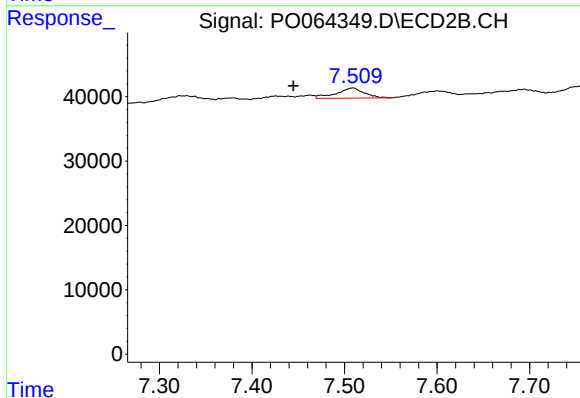
R.T.: 8.009 min
Delta R.T.: 0.008 min
Response: 52836
Conc: 25.02 ng/ml



#41 AR-1268-1

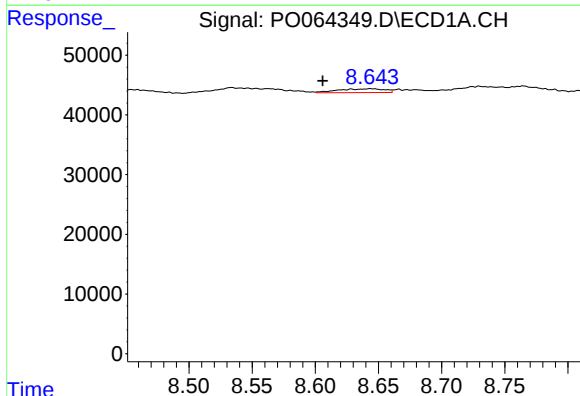
R.T.: 8.534 min
Delta R.T.: 0.017 min
Response: 21283
Conc: 3.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



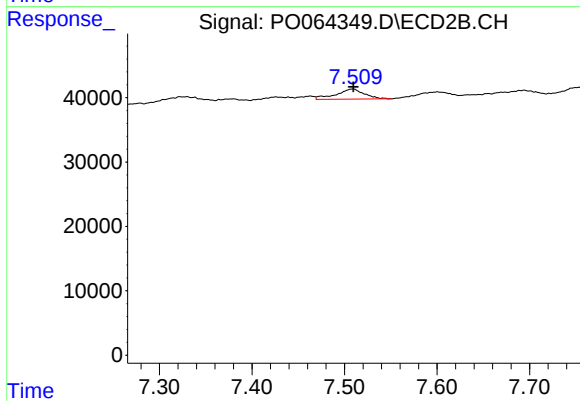
#41 AR-1268-1

R.T.: 7.509 min
Delta R.T.: 0.064 min
Response: 33415
Conc: 4.79 ng/ml



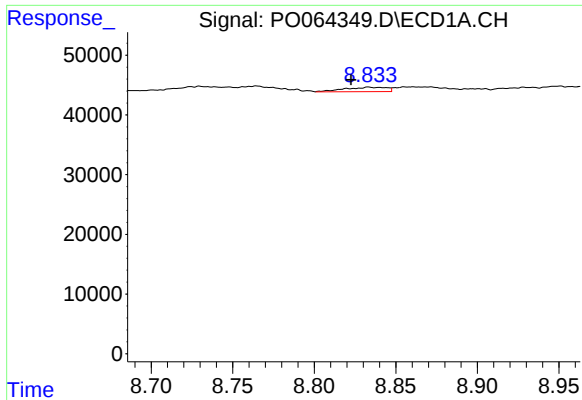
#42 AR-1268-2

R.T.: 8.644 min
Delta R.T.: 0.038 min
Response: 16595
Conc: 2.75 ng/ml



#42 AR-1268-2

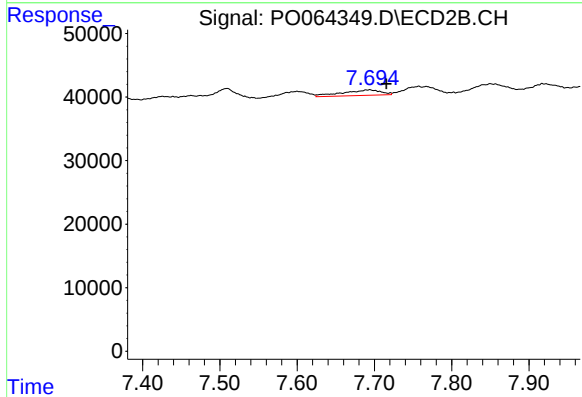
R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 33415
Conc: 5.22 ng/ml



#43 AR-1268-3

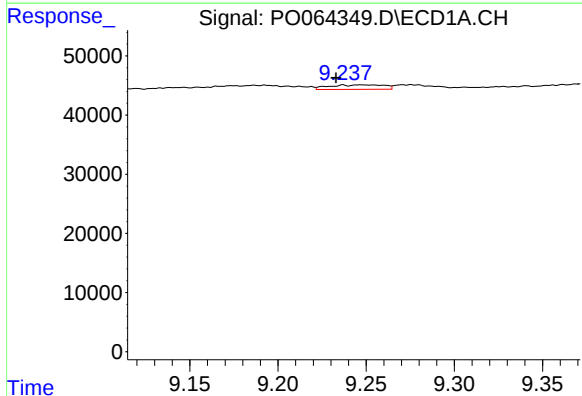
R.T.: 8.833 min
Delta R.T.: 0.011 min
Response: 13346
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



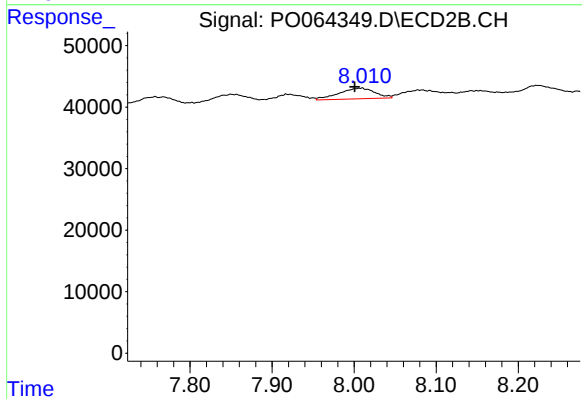
#43 AR-1268-3

R.T.: 7.694 min
Delta R.T.: -0.021 min
Response: 29769
Conc: 5.68 ng/ml



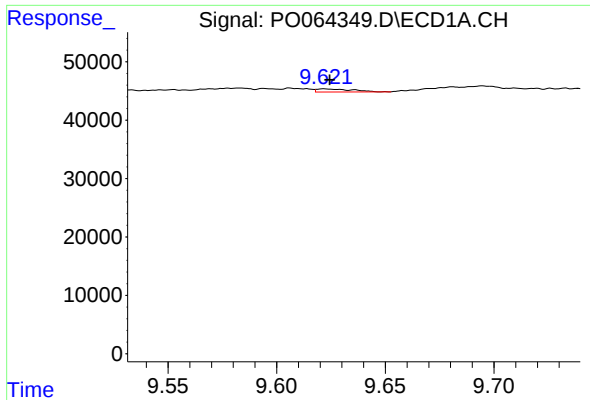
#44 AR-1268-4

R.T.: 9.237 min
Delta R.T.: 0.004 min
Response: 16565
Conc: 7.08 ng/ml



#44 AR-1268-4

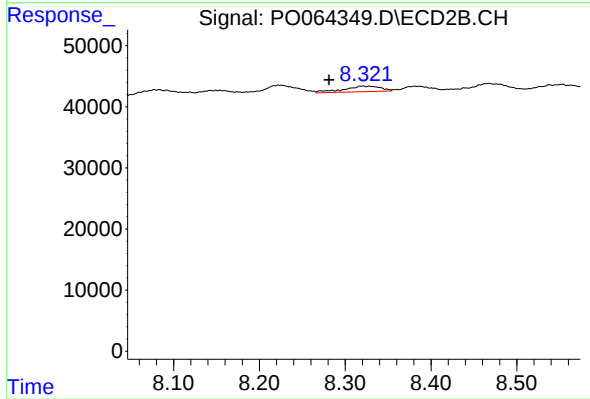
R.T.: 8.009 min
Delta R.T.: 0.009 min
Response: 52836
Conc: 22.62 ng/ml



#45 AR-1268-5

R.T.: 9.622 min
Delta R.T.: -0.002 min
Response: 6048
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.321 min
Delta R.T.: 0.039 min
Response: 27645
Conc: 1.67 ng/ml