

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110119\
 Data File : P0063396.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Nov 2019 9:08
 Operator : HP/AJ
 Sample : K5500-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 800-50-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 12:55:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.318	3.480	1242856	1224377	21.325	22.419
2)	SA Decachlor...	9.934	8.319	1742791	1152679	29.953	26.962
Target Compounds							
3)	L1 AR-1016-1	5.477	4.510	26997	24203	12.349	12.918
4)	L1 AR-1016-2	5.477	4.510	26997	24203	8.617	8.873
5)	L1 AR-1016-3	0.000	4.721	0	51469	N.D.	37.084 #
6)	L1 AR-1016-4	5.697	4.750	72475	23294	45.897	20.857 #
7)	L1 AR-1016-5	5.948	4.960	51693	35809	33.933	23.769 #
10)	L2 AR-1221-3	0.000	3.895	0	31642	N.D.	25.734 #
11)	L3 AR-1232-1	0.000	3.895	0	31642	N.D.	18.539 #
12)	L3 AR-1232-2	0.000	4.510	0	24203	N.D.	12.304 #
13)	L3 AR-1232-3	5.477	4.721	26997	51469	11.922	53.201 #
14)	L3 AR-1232-4	5.697	4.789	72475	19514	65.623	23.503 #
15)	L3 AR-1232-5	5.746	4.960	29997	35809	37.409	38.259
16)	L4 AR-1242-1	5.477	4.510	26997	24203	16.831	17.515
17)	L4 AR-1242-2	5.477	4.510	26997	24203	11.709	11.797
18)	L4 AR-1242-3	0.000	4.721	0	51469	N.D.	49.112 #
19)	L4 AR-1242-4	5.697	4.789	72475	19514	62.032	19.659 #
20)	L4 AR-1242-5	6.391	5.298	74934	108856	52.063	77.920 #
21)	L5 AR-1248-1	5.477	4.510	26997	24203	21.896	22.143
22)	L5 AR-1248-2	5.746	4.750	29997	23294	17.317	16.658
23)	L5 AR-1248-3	5.948	4.789	51693	19514	26.666	13.493 #
24)	L5 AR-1248-4	6.324	4.960	111116	35809	44.644	19.886 #
25)	L5 AR-1248-5	6.391	5.335	74934	37439	32.098	20.253 #
26)	L6 AR-1254-1	6.324	5.298	111116	108856	43.705	36.137
27)	L6 AR-1254-2	6.542	5.439	106125	145913	26.236	54.102 #
28)	L6 AR-1254-3	6.907	5.831	138234	141964	32.477	33.067
29)	L6 AR-1254-4	7.188	6.055	53619	51903	15.841	18.214
30)	L6 AR-1254-5	0.000	6.462	0	113343	N.D.	30.406 #
31)	L7 AR-1260-1	7.065	5.957	123599	123202	39.856	44.609
32)	L7 AR-1260-2	7.319	6.143	208218	117053	51.578	30.507 #
33)	L7 AR-1260-3	7.737	6.290	19412	131911	6.045	42.042 #
34)	L7 AR-1260-4	0.000	6.751	0	71609	N.D.	28.283 #
35)	L7 AR-1260-5	8.214	6.993	36859	129506	6.285	21.246 #
36)	L8 AR-1262-1	7.737	6.554	19412	28769	4.067	15.811 #
37)	L8 AR-1262-2	8.214	6.993	36859	129506	5.287	18.171 #
38)	L8 AR-1262-3	8.510	7.270	212062	150569	45.882	56.180
39)	L8 AR-1262-4	8.600	7.333	119288	155320	33.131	33.869
40)	L8 AR-1262-5	9.226	7.823	55252	42217	24.141	21.514
41)	L9 AR-1268-1	8.510	7.270	212062	150569	25.321	18.895 #
42)	L9 AR-1268-2	8.600	7.333	119288	155320	16.281	23.589 #
43)	L9 AR-1268-3	8.816	7.535	363914	280568	57.883	50.208
44)	L9 AR-1268-4	9.226	7.823	55252	42217	22.448	19.560

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 Operator : HP/AJ
 Sample : K5500-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

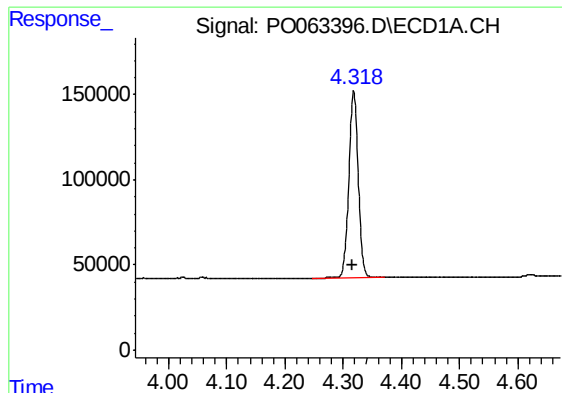
Instrument :
 ECD_O
 ClientSampleId :
 800-50-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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
45) L9	AR-1268-5	9.617	8.091	834655	601177	46.480	40.153

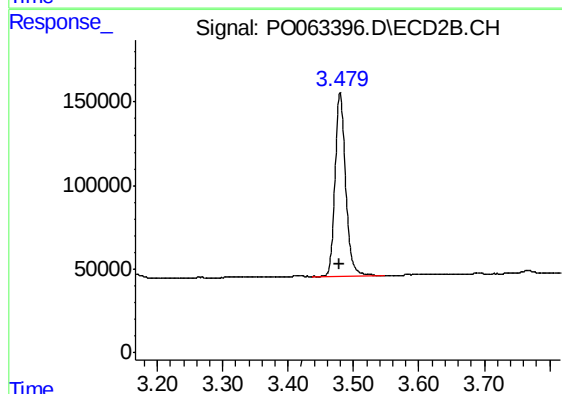
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

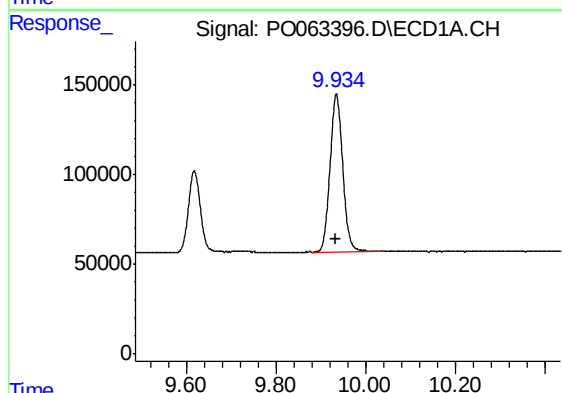
R.T.: 4.318 min
Delta R.T.: 0.002 min
Response: 1242856
Conc: 21.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



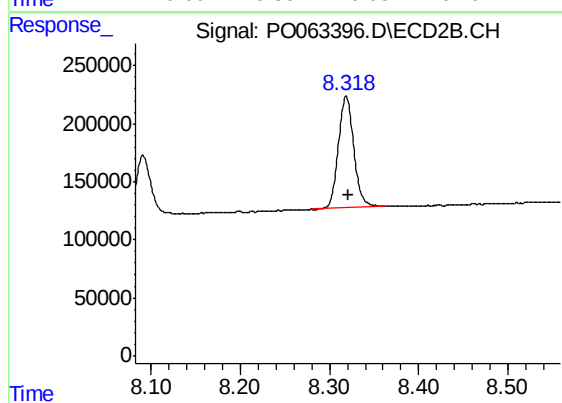
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.002 min
Response: 1224377
Conc: 22.42 ng/ml



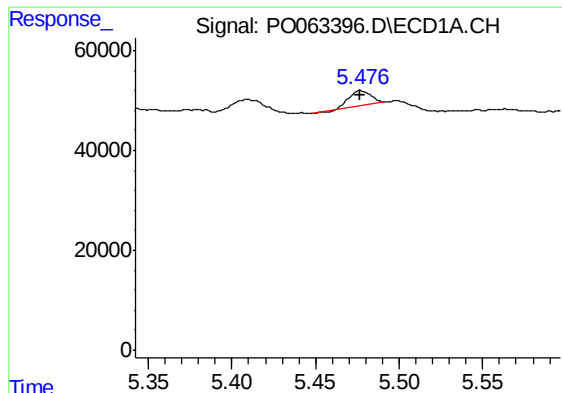
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 1742791
Conc: 29.95 ng/ml



#2 Decachlorobiphenyl

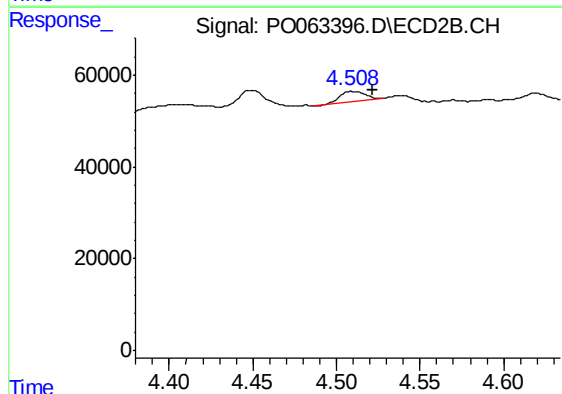
R.T.: 8.319 min
Delta R.T.: -0.002 min
Response: 1152679
Conc: 26.96 ng/ml



#3 AR-1016-1

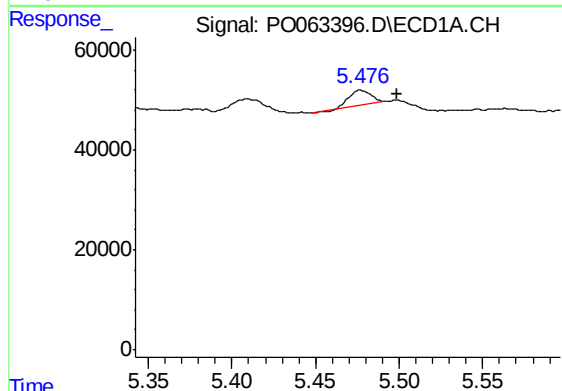
R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 26997
Conc: 12.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



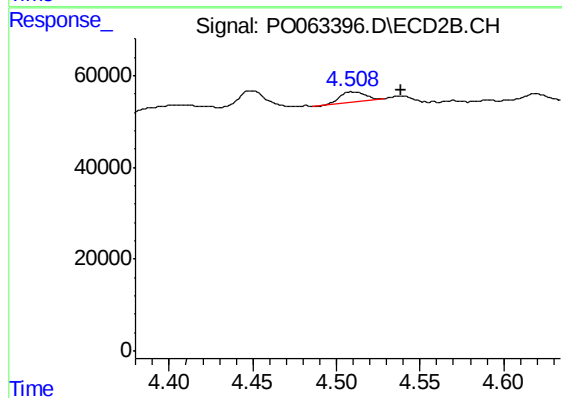
#3 AR-1016-1

R.T.: 4.510 min
Delta R.T.: -0.012 min
Response: 24203
Conc: 12.92 ng/ml



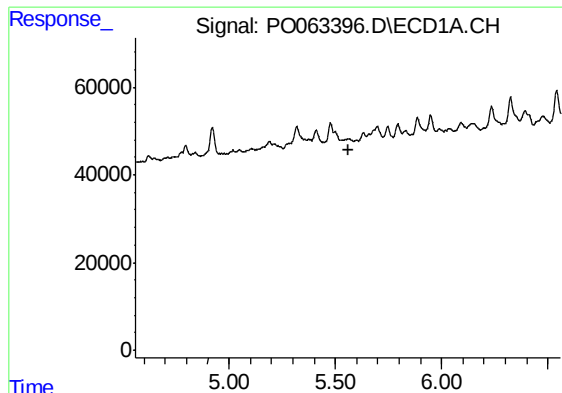
#4 AR-1016-2

R.T.: 5.477 min
Delta R.T.: -0.022 min
Response: 26997
Conc: 8.62 ng/ml



#4 AR-1016-2

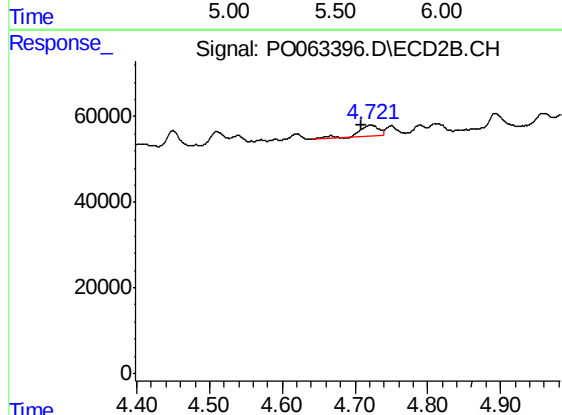
R.T.: 4.510 min
Delta R.T.: -0.029 min
Response: 24203
Conc: 8.87 ng/ml



#5 AR-1016-3

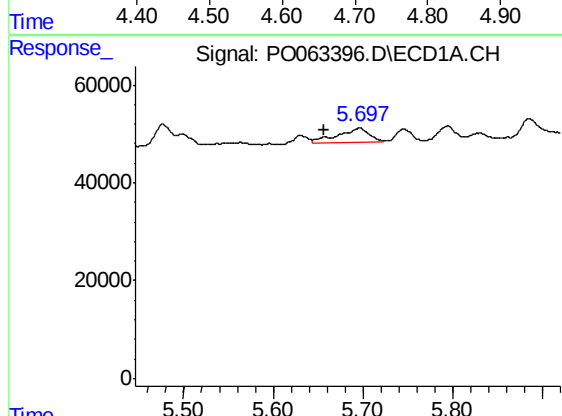
R.T.: 0.000 min
Exp R.T.: 5.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



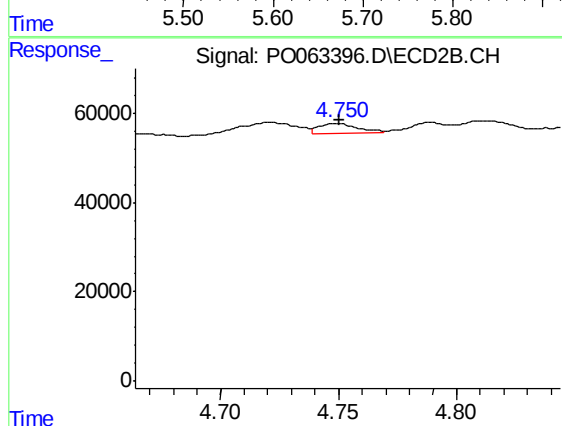
#5 AR-1016-3

R.T.: 4.721 min
Delta R.T.: 0.013 min
Response: 51469
Conc: 37.08 ng/ml



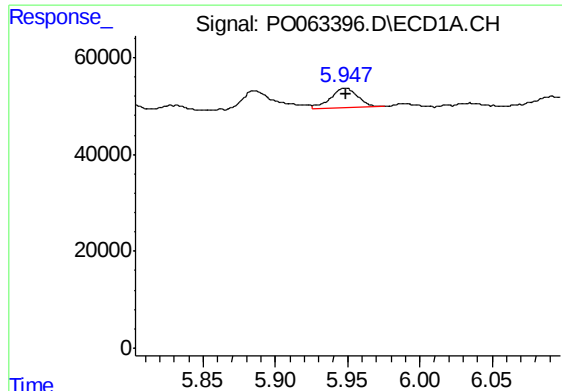
#6 AR-1016-4

R.T.: 5.697 min
Delta R.T.: 0.039 min
Response: 72475
Conc: 45.90 ng/ml



#6 AR-1016-4

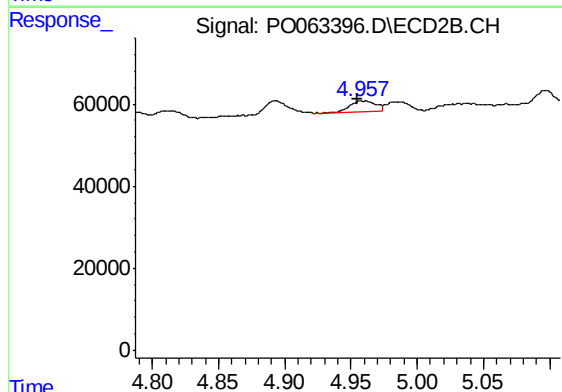
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 23294
Conc: 20.86 ng/ml



#7 AR-1016-5

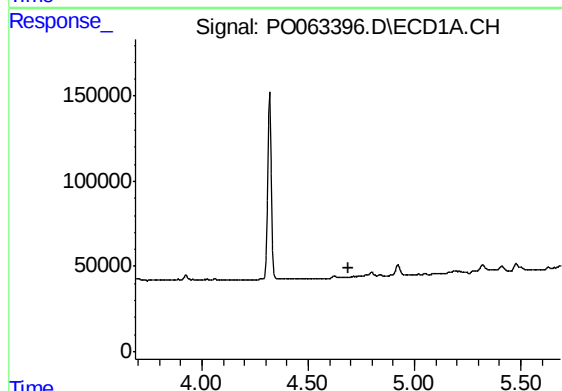
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 51693
Conc: 33.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



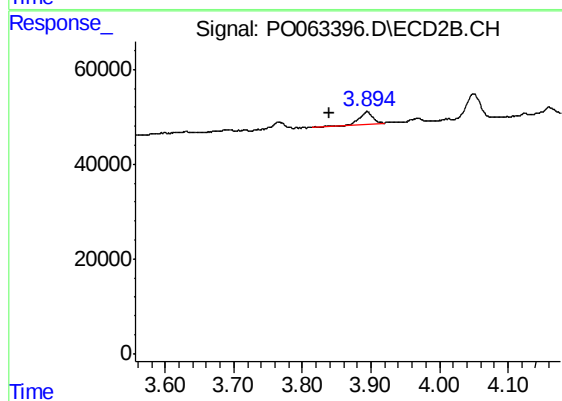
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 35809
Conc: 23.77 ng/ml



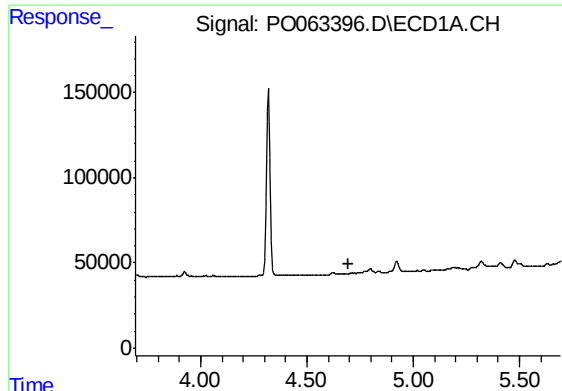
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.687 min
Response: 0
Conc: N.D.



#10 AR-1221-3

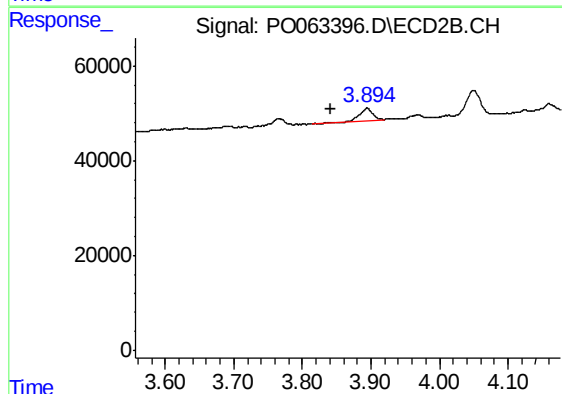
R.T.: 3.895 min
Delta R.T.: 0.055 min
Response: 31642
Conc: 25.73 ng/ml



#11 AR-1232-1

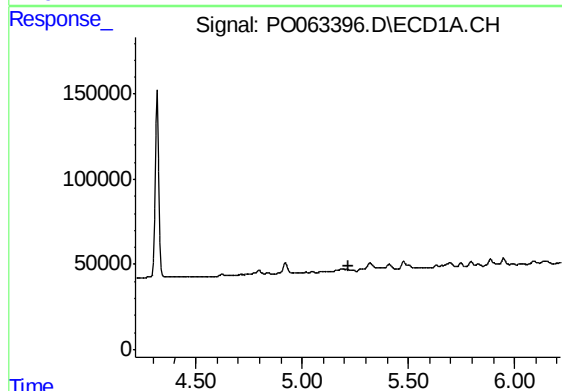
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



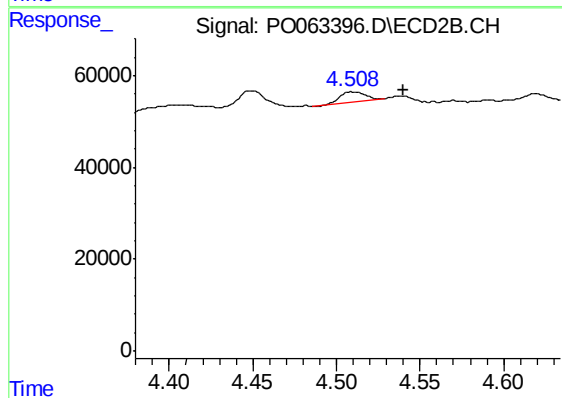
#11 AR-1232-1

R.T.: 3.895 min
Delta R.T.: 0.054 min
Response: 31642
Conc: 18.54 ng/ml



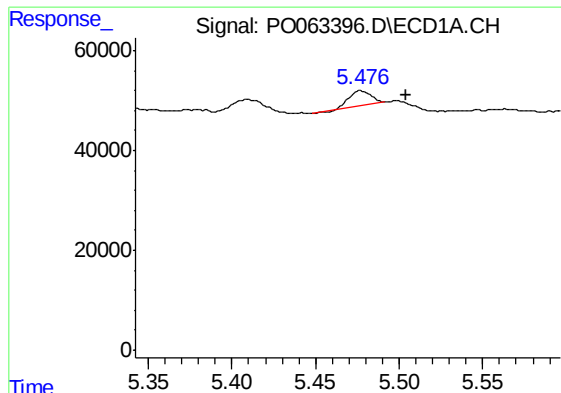
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.216 min
Response: 0
Conc: N.D.



#12 AR-1232-2

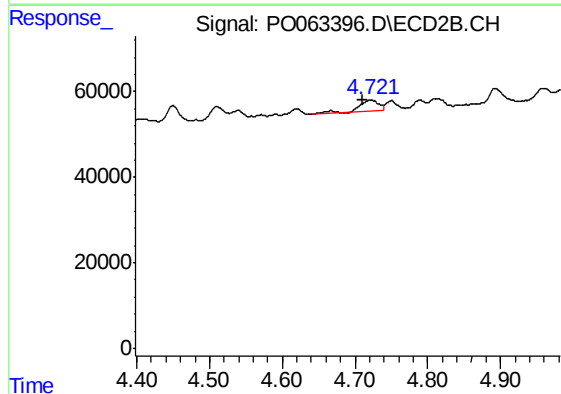
R.T.: 4.510 min
Delta R.T.: -0.031 min
Response: 24203
Conc: 12.30 ng/ml



#13 AR-1232-3

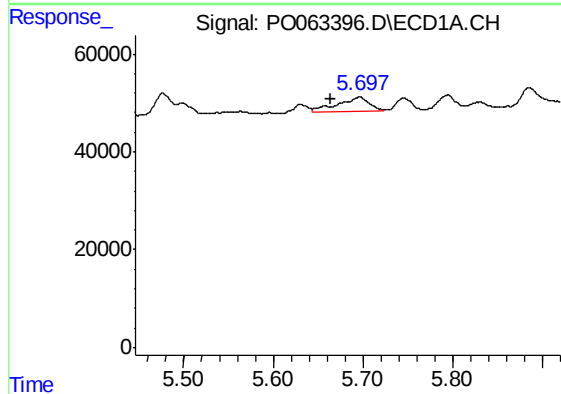
R.T.: 5.477 min
Delta R.T.: -0.027 min
Response: 26997
Conc: 11.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



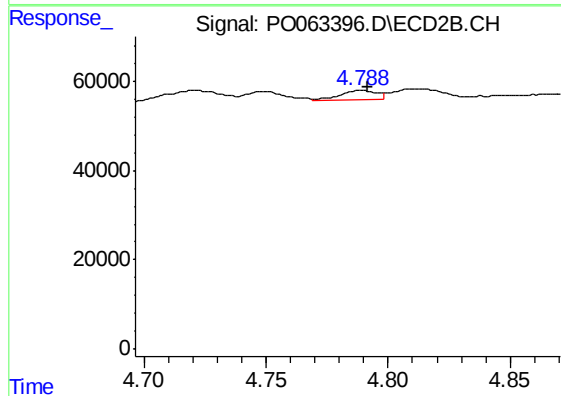
#13 AR-1232-3

R.T.: 4.721 min
Delta R.T.: 0.012 min
Response: 51469
Conc: 53.20 ng/ml



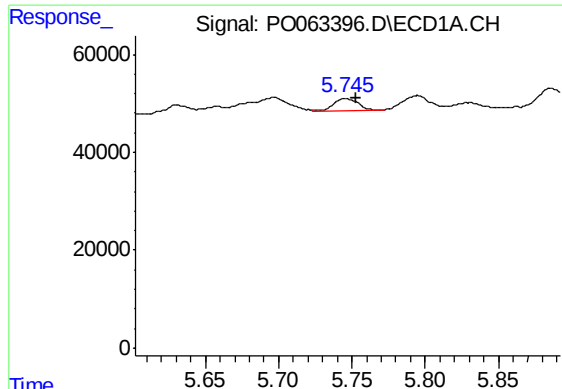
#14 AR-1232-4

R.T.: 5.697 min
Delta R.T.: 0.033 min
Response: 72475
Conc: 65.62 ng/ml



#14 AR-1232-4

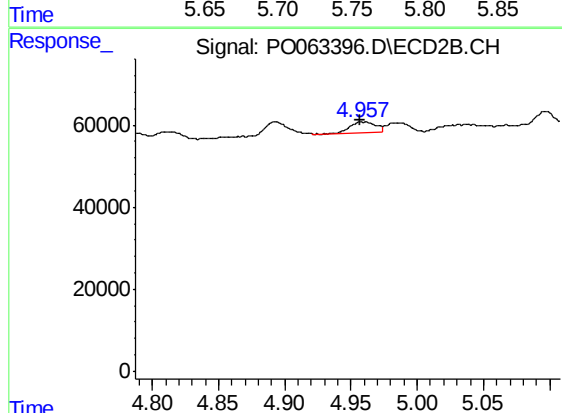
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 19514
Conc: 23.50 ng/ml



#15 AR-1232-5

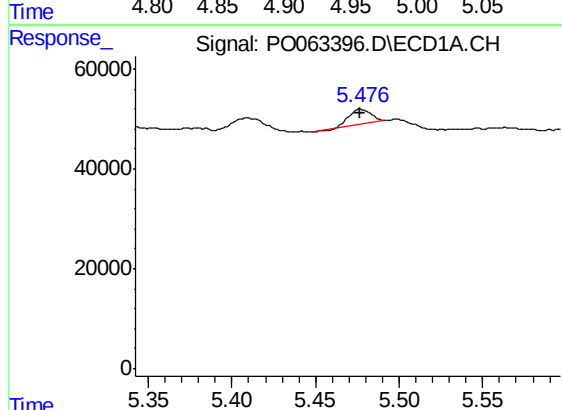
R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 29997
Conc: 37.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



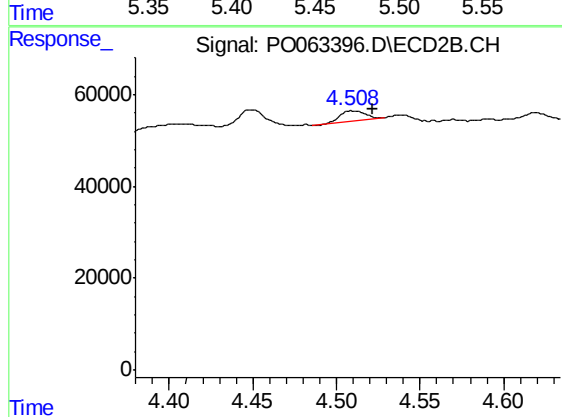
#15 AR-1232-5

R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 35809
Conc: 38.26 ng/ml



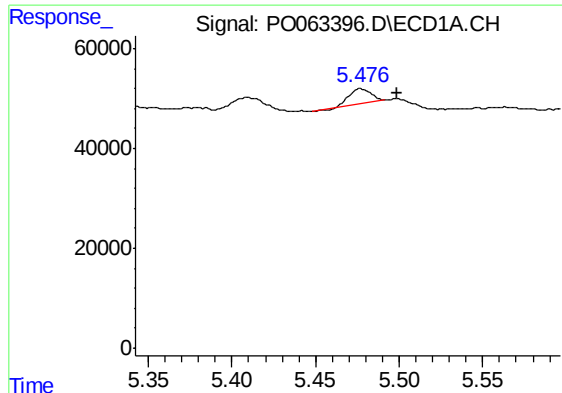
#16 AR-1242-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 26997
Conc: 16.83 ng/ml



#16 AR-1242-1

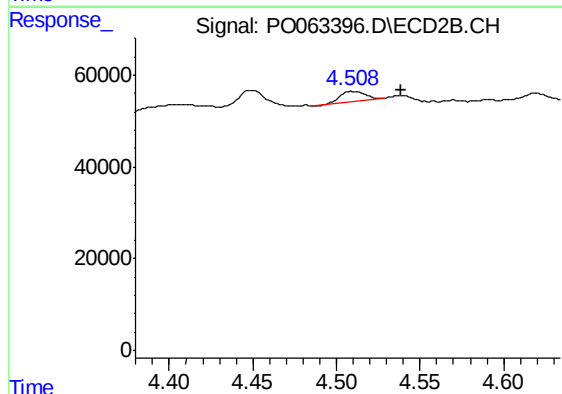
R.T.: 4.510 min
Delta R.T.: -0.013 min
Response: 24203
Conc: 17.51 ng/ml



#17 AR-1242-2

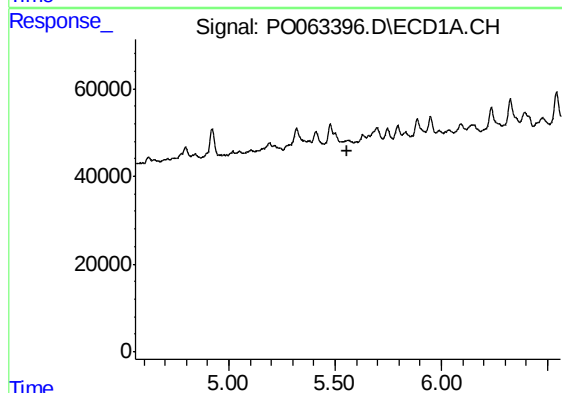
R.T.: 5.477 min
Delta R.T.: -0.022 min
Response: 26997
Conc: 11.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



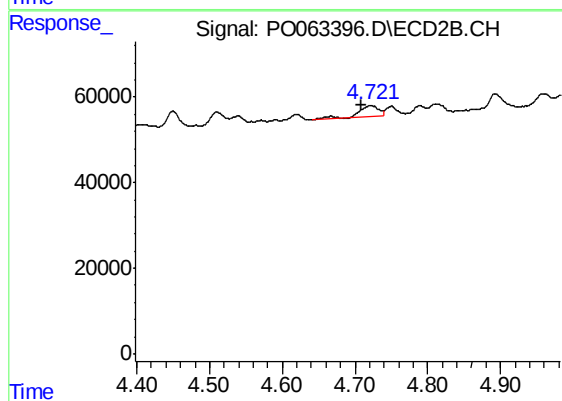
#17 AR-1242-2

R.T.: 4.510 min
Delta R.T.: -0.029 min
Response: 24203
Conc: 11.80 ng/ml



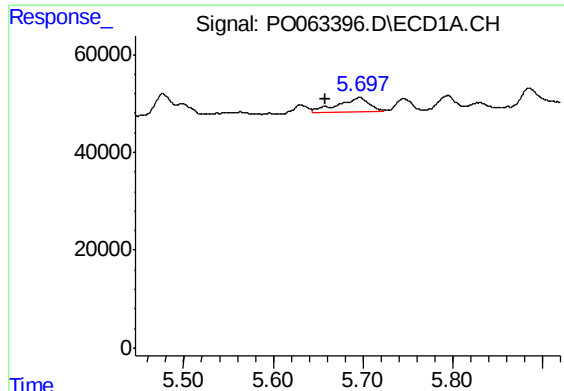
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.



#18 AR-1242-3

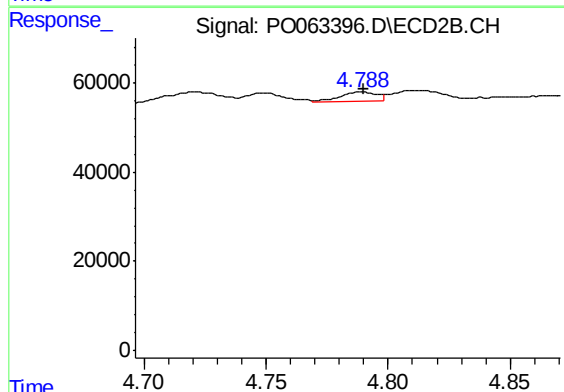
R.T.: 4.721 min
Delta R.T.: 0.013 min
Response: 51469
Conc: 49.11 ng/ml



#19 AR-1242-4

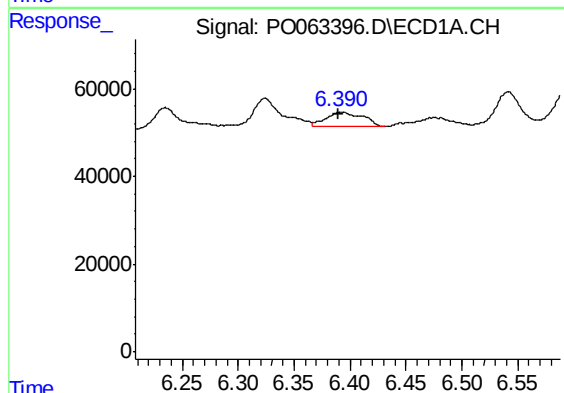
R.T.: 5.697 min
Delta R.T.: 0.039 min
Response: 72475
Conc: 62.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



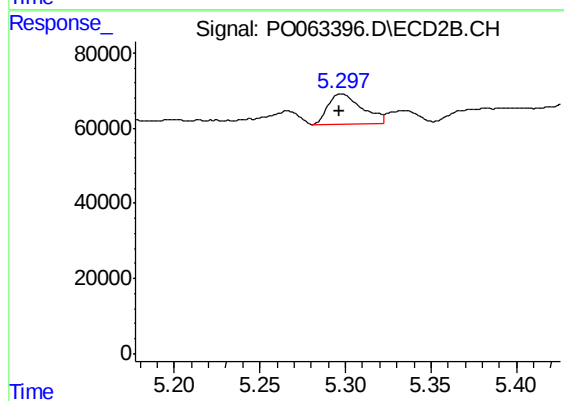
#19 AR-1242-4

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 19514
Conc: 19.66 ng/ml



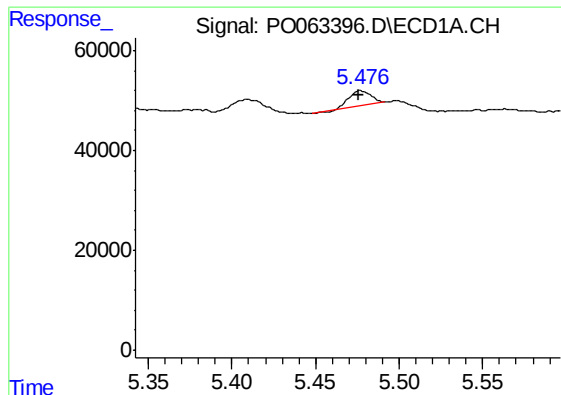
#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 74934
Conc: 52.06 ng/ml



#20 AR-1242-5

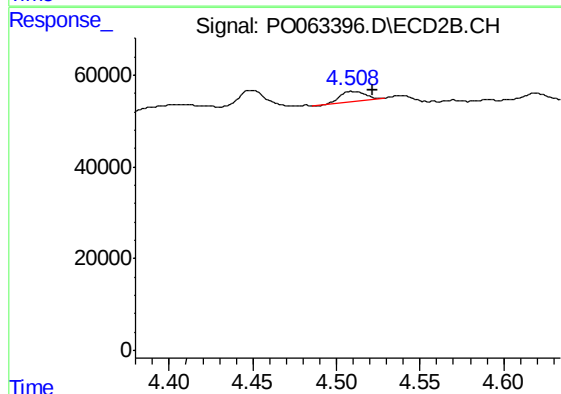
R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 108856
Conc: 77.92 ng/ml



#21 AR-1248-1

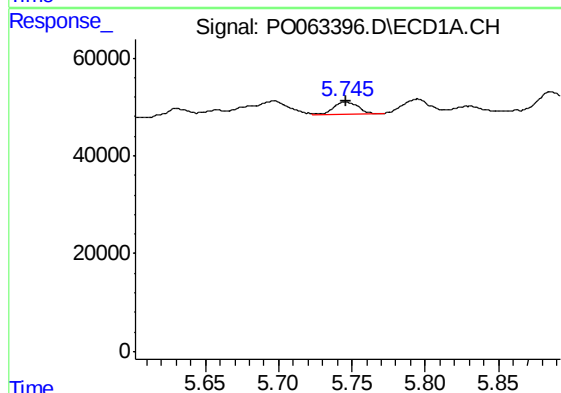
R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 26997
Conc: 21.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



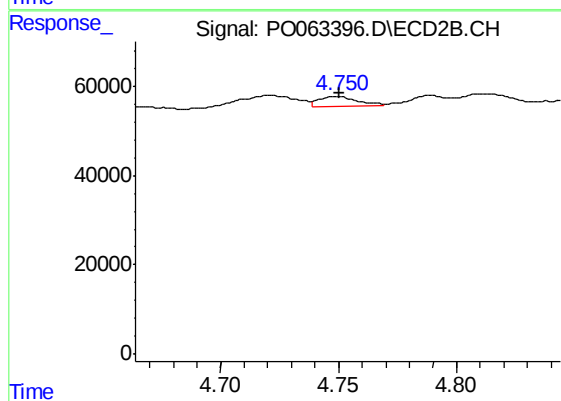
#21 AR-1248-1

R.T.: 4.510 min
Delta R.T.: -0.012 min
Response: 24203
Conc: 22.14 ng/ml



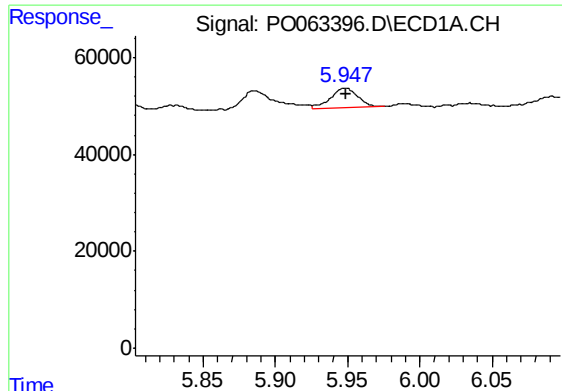
#22 AR-1248-2

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 29997
Conc: 17.32 ng/ml



#22 AR-1248-2

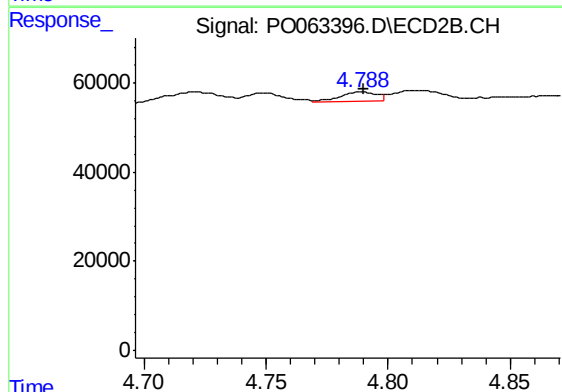
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 23294
Conc: 16.66 ng/ml



#23 AR-1248-3

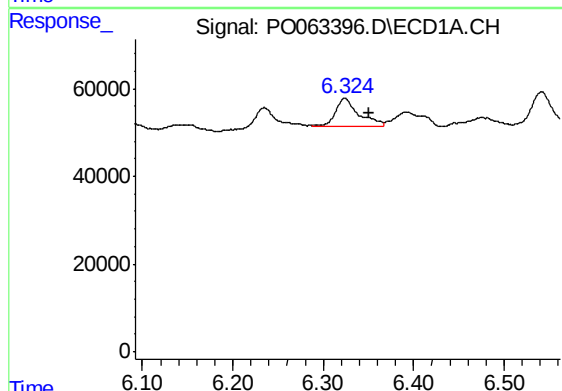
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 51693
Conc: 26.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



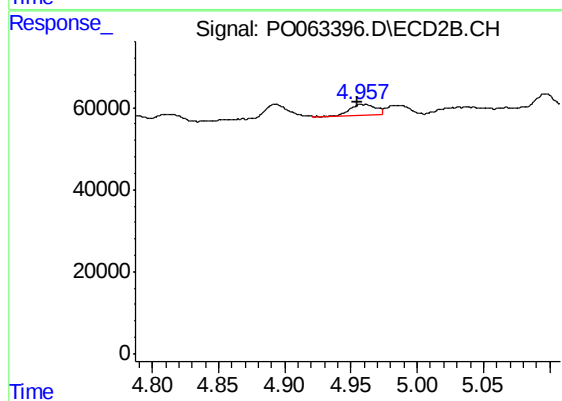
#23 AR-1248-3

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 19514
Conc: 13.49 ng/ml



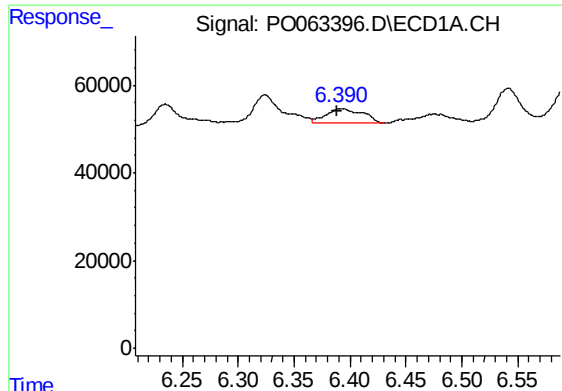
#24 AR-1248-4

R.T.: 6.324 min
Delta R.T.: -0.027 min
Response: 111116
Conc: 44.64 ng/ml



#24 AR-1248-4

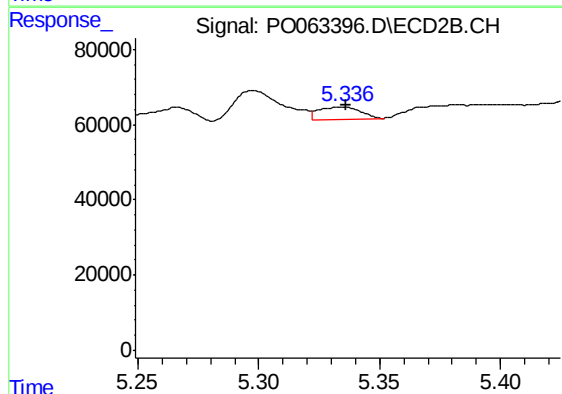
R.T.: 4.960 min
Delta R.T.: 0.005 min
Response: 35809
Conc: 19.89 ng/ml



#25 AR-1248-5

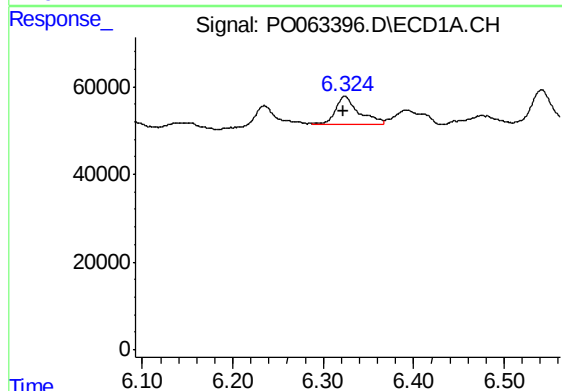
R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 74934
Conc: 32.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



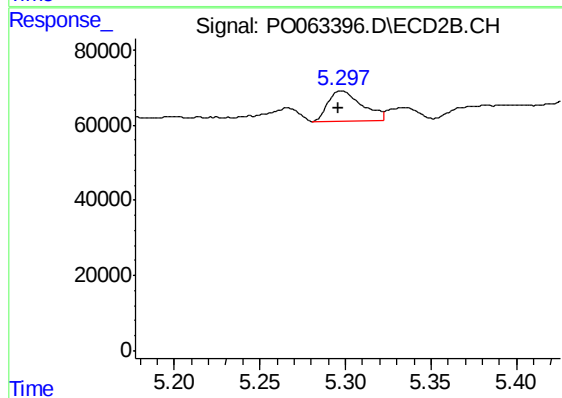
#25 AR-1248-5

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 37439
Conc: 20.25 ng/ml



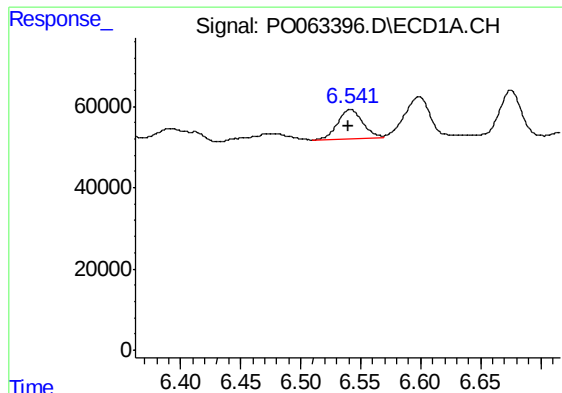
#26 AR-1254-1

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 111116
Conc: 43.71 ng/ml



#26 AR-1254-1

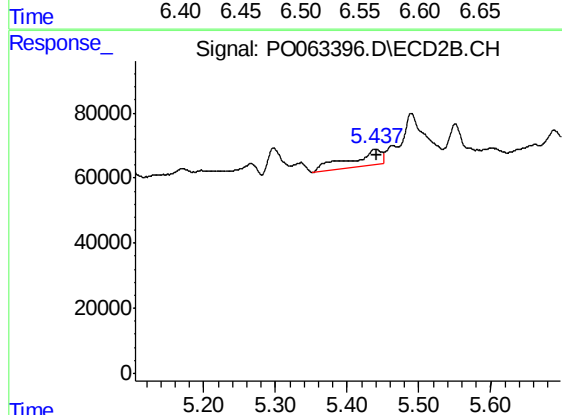
R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 108856
Conc: 36.14 ng/ml



#27 AR-1254-2

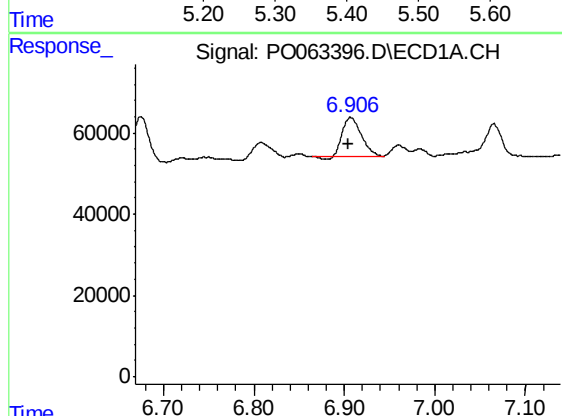
R.T.: 6.542 min
Delta R.T.: 0.002 min
Response: 106125
Conc: 26.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



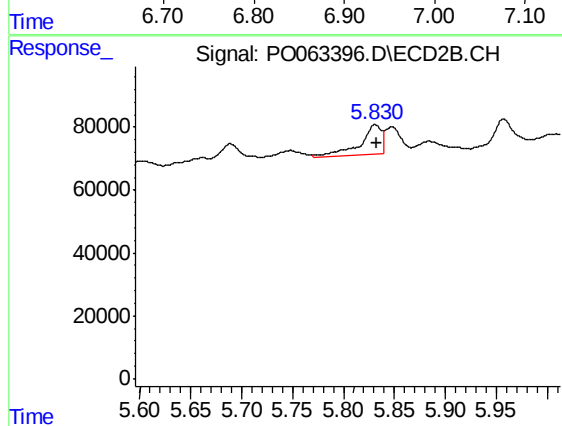
#27 AR-1254-2

R.T.: 5.439 min
Delta R.T.: -0.001 min
Response: 145913
Conc: 54.10 ng/ml



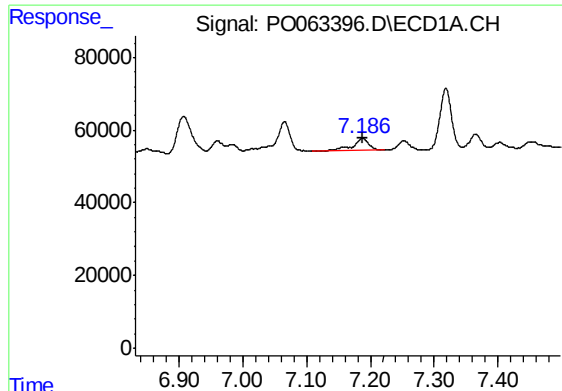
#28 AR-1254-3

R.T.: 6.907 min
Delta R.T.: 0.003 min
Response: 138234
Conc: 32.48 ng/ml



#28 AR-1254-3

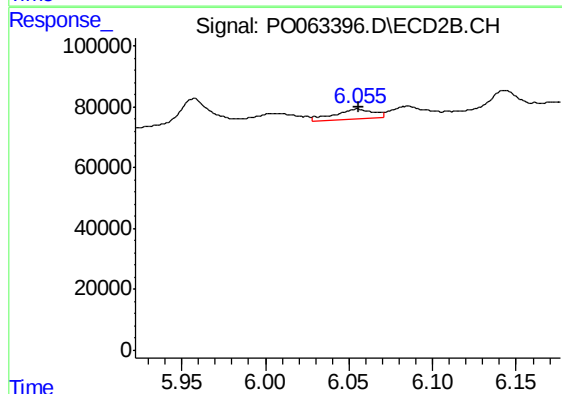
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 141964
Conc: 33.07 ng/ml



#29 AR-1254-4

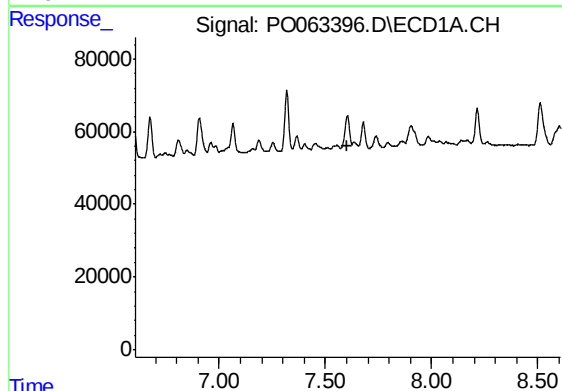
R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 53619
Conc: 15.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



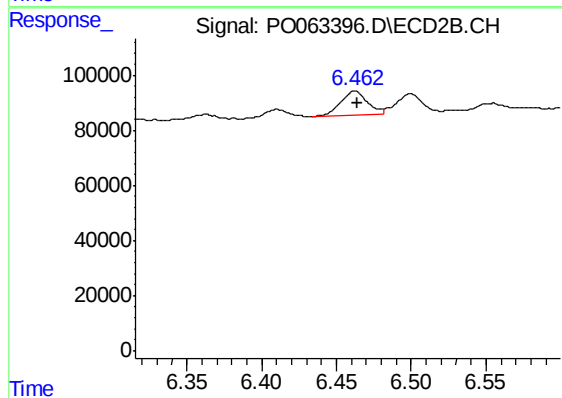
#29 AR-1254-4

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 51903
Conc: 18.21 ng/ml



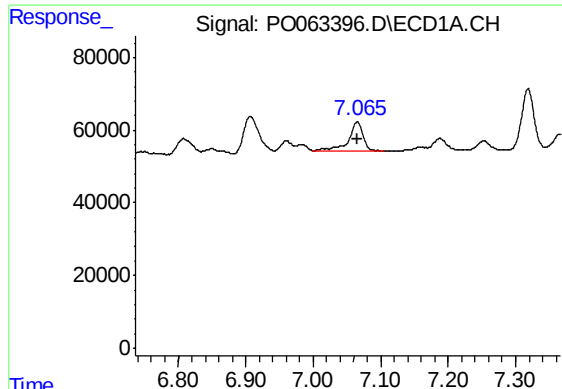
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.606 min
Response: 0
Conc: N.D.



#30 AR-1254-5

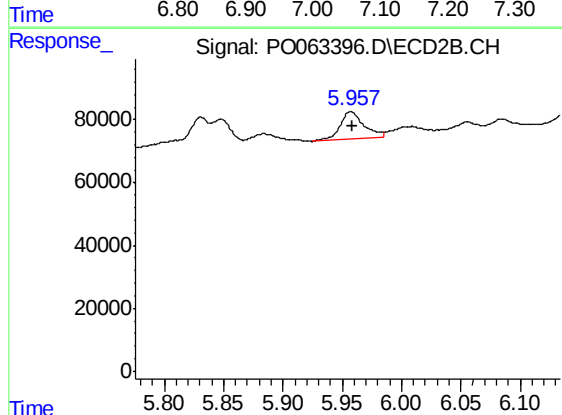
R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 113343
Conc: 30.41 ng/ml



#31 AR-1260-1

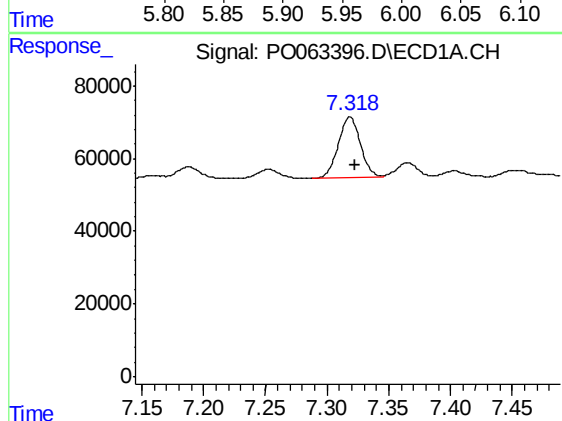
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 123599
Conc: 39.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



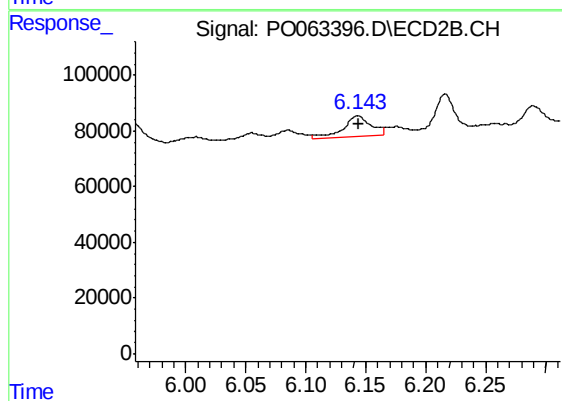
#31 AR-1260-1

R.T.: 5.957 min
Delta R.T.: -0.002 min
Response: 123202
Conc: 44.61 ng/ml



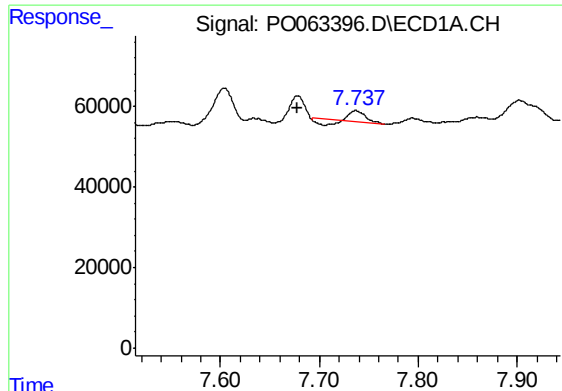
#32 AR-1260-2

R.T.: 7.319 min
Delta R.T.: -0.004 min
Response: 208218
Conc: 51.58 ng/ml



#32 AR-1260-2

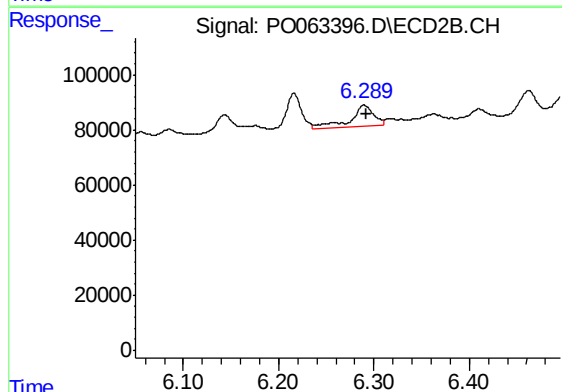
R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 117053
Conc: 30.51 ng/ml



#33 AR-1260-3

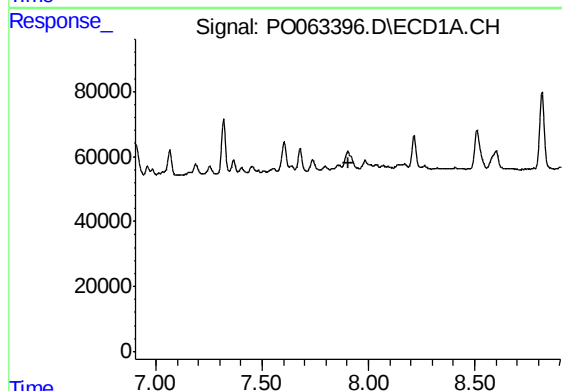
R.T.: 7.737 min
Delta R.T.: 0.059 min
Response: 19412
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



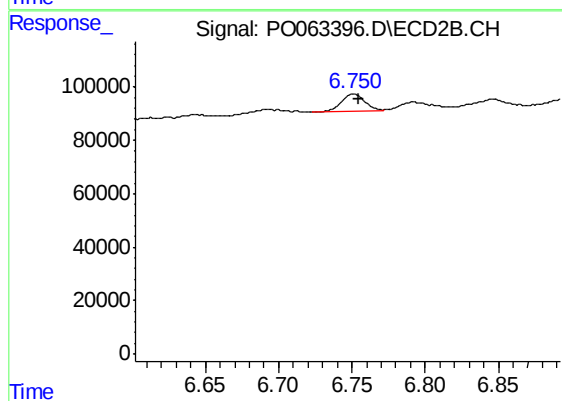
#33 AR-1260-3

R.T.: 6.290 min
Delta R.T.: -0.003 min
Response: 131911
Conc: 42.04 ng/ml



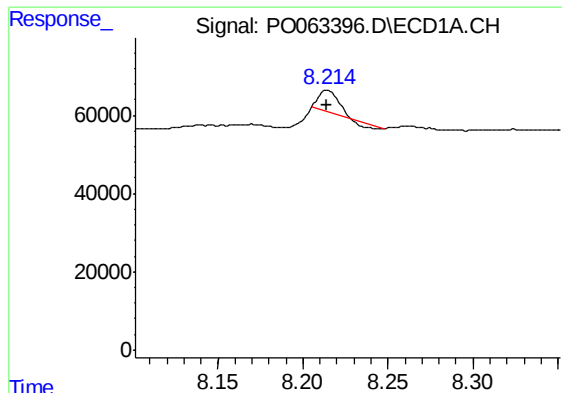
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.904 min
Response: 0
Conc: N.D.



#34 AR-1260-4

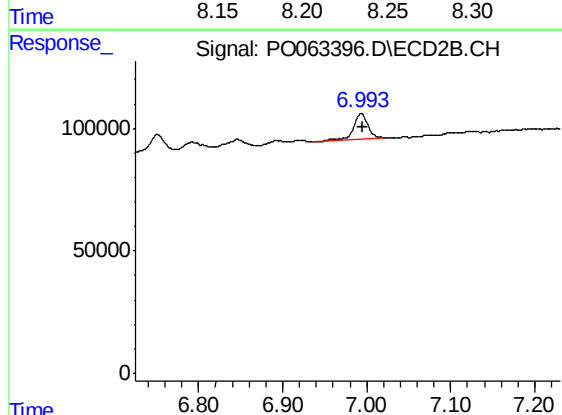
R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 71609
Conc: 28.28 ng/ml



#35 AR-1260-5

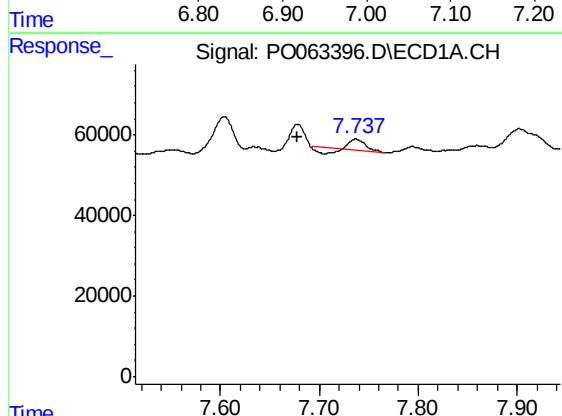
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 36859
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



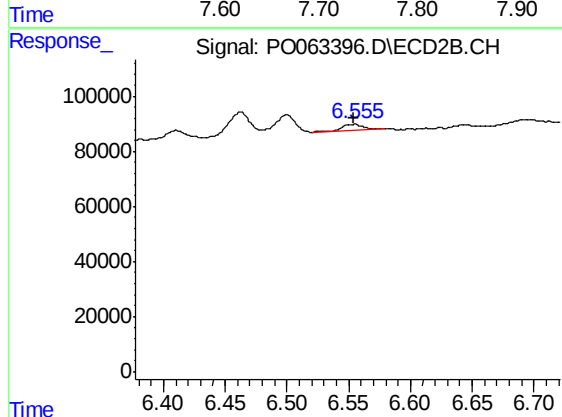
#35 AR-1260-5

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 129506
Conc: 21.25 ng/ml



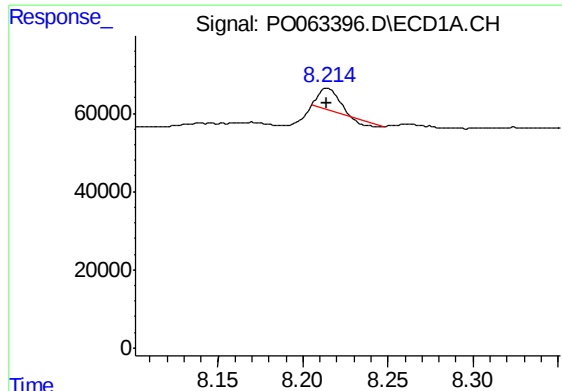
#36 AR-1262-1

R.T.: 7.737 min
Delta R.T.: 0.059 min
Response: 19412
Conc: 4.07 ng/ml



#36 AR-1262-1

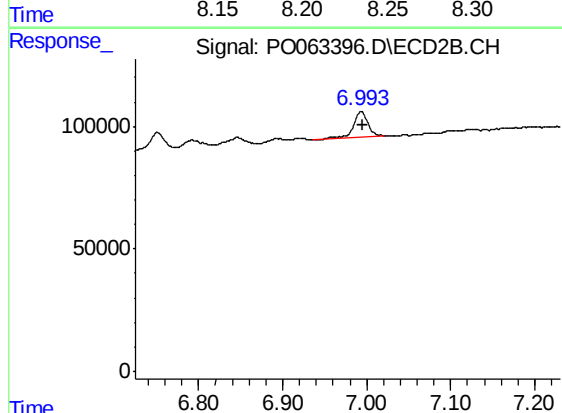
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 28769
Conc: 15.81 ng/ml



#37 AR-1262-2

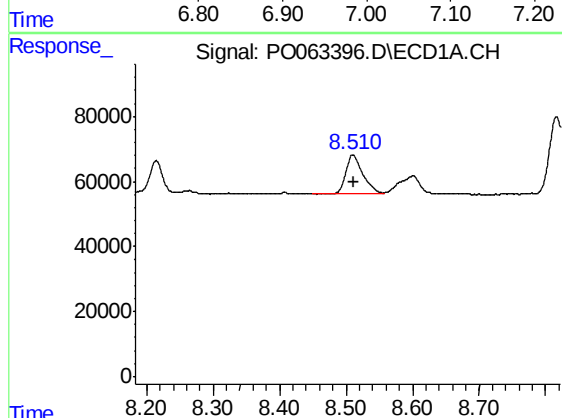
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 36859
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



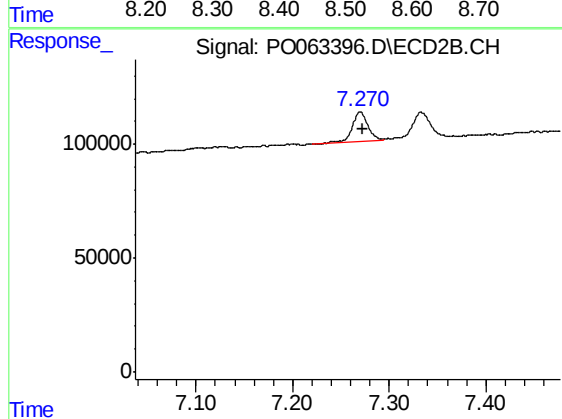
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 129506
Conc: 18.17 ng/ml



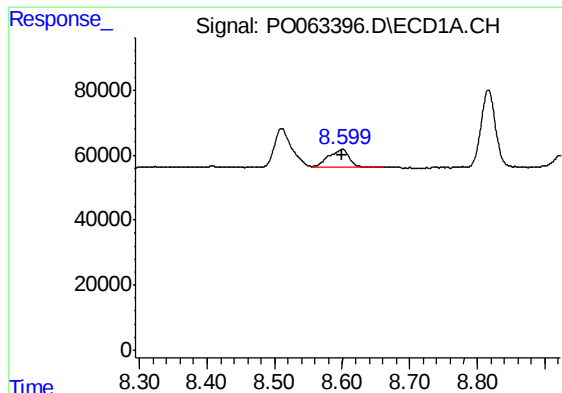
#38 AR-1262-3

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 212062
Conc: 45.88 ng/ml



#38 AR-1262-3

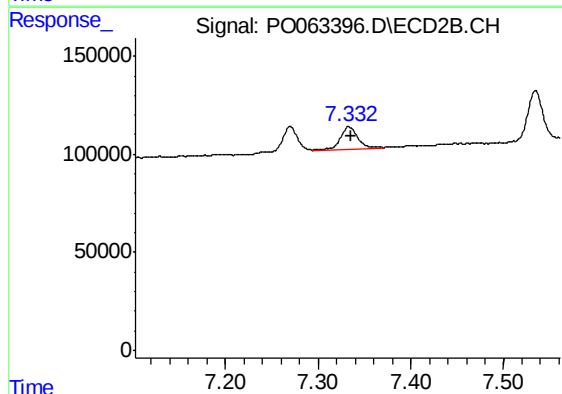
R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 150569
Conc: 56.18 ng/ml



#39 AR-1262-4

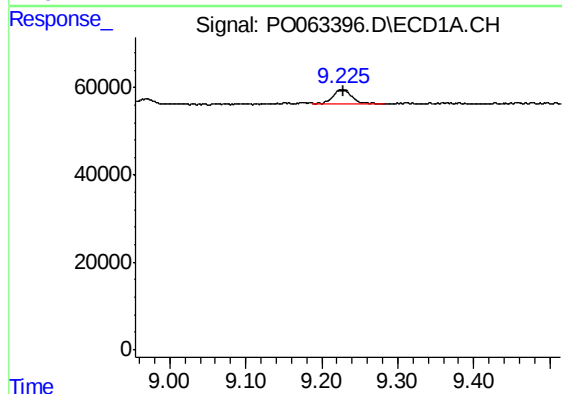
R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 119288
Conc: 33.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



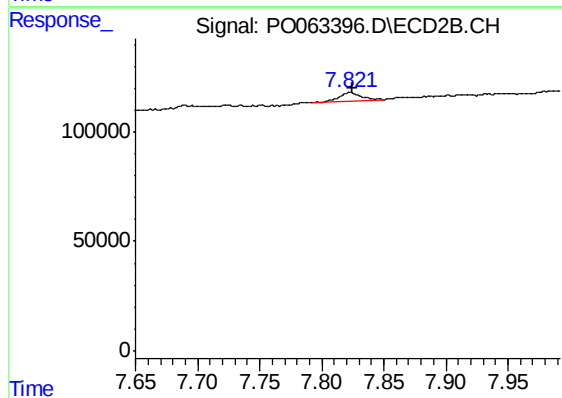
#39 AR-1262-4

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 155320
Conc: 33.87 ng/ml



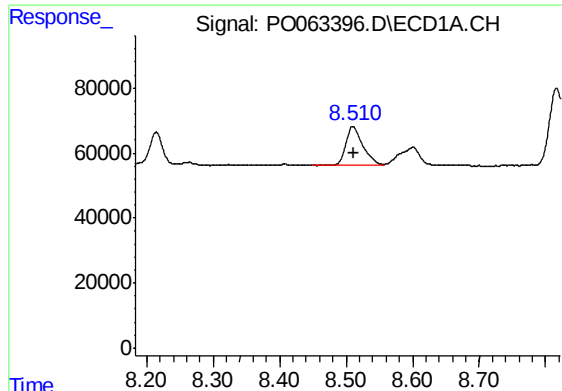
#40 AR-1262-5

R.T.: 9.226 min
Delta R.T.: -0.002 min
Response: 55252
Conc: 24.14 ng/ml



#40 AR-1262-5

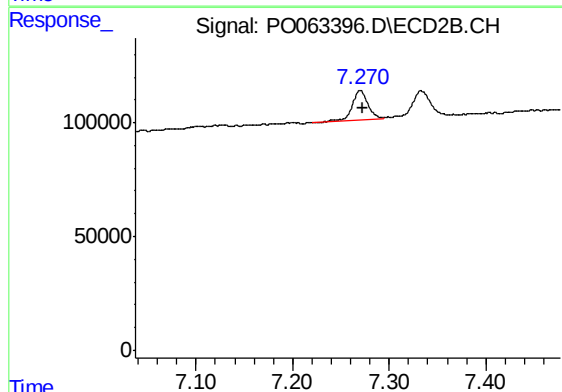
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 42217
Conc: 21.51 ng/ml



#41 AR-1268-1

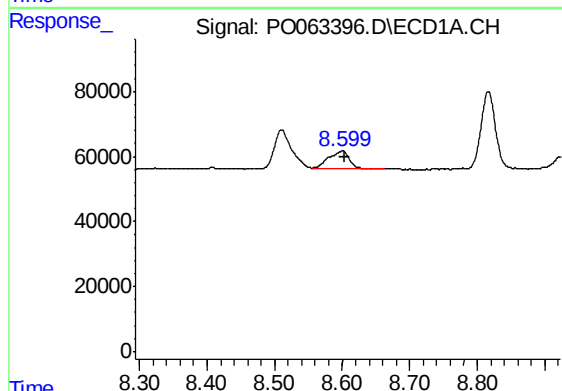
R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 212062
Conc: 25.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



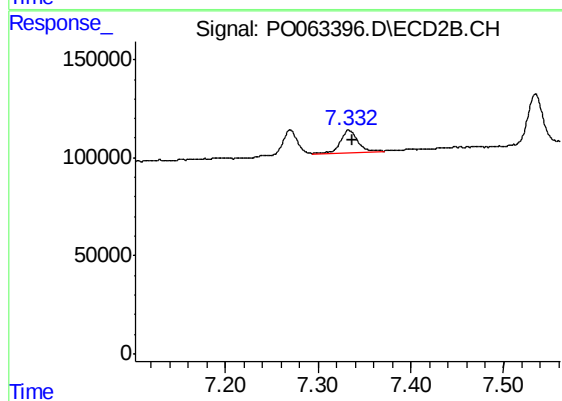
#41 AR-1268-1

R.T.: 7.270 min
Delta R.T.: -0.002 min
Response: 150569
Conc: 18.90 ng/ml



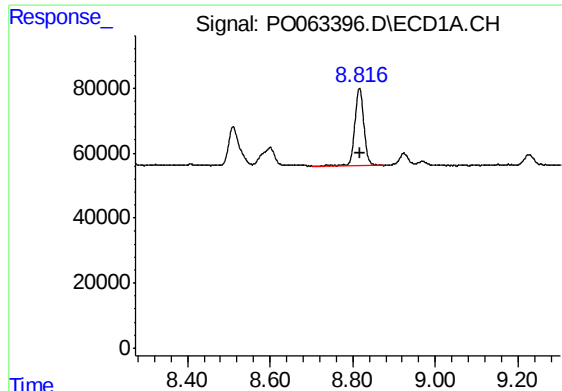
#42 AR-1268-2

R.T.: 8.600 min
Delta R.T.: -0.003 min
Response: 119288
Conc: 16.28 ng/ml



#42 AR-1268-2

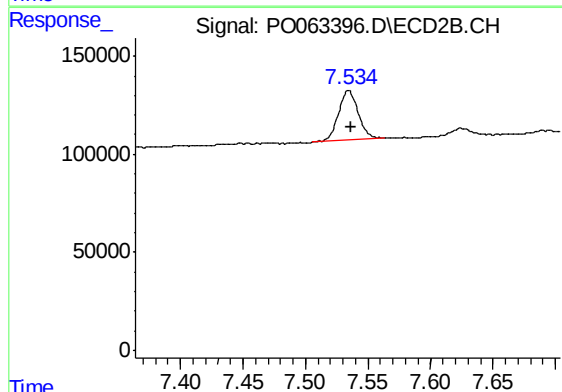
R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 155320
Conc: 23.59 ng/ml



#43 AR-1268-3

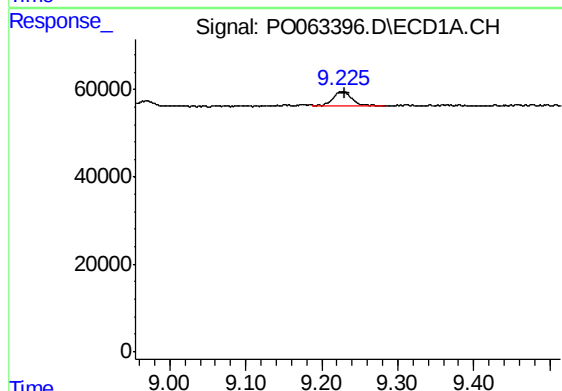
R.T.: 8.816 min
Delta R.T.: -0.001 min
Response: 363914
Conc: 57.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



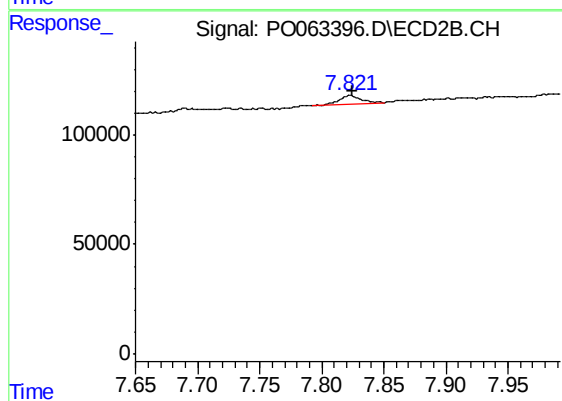
#43 AR-1268-3

R.T.: 7.535 min
Delta R.T.: -0.002 min
Response: 280568
Conc: 50.21 ng/ml



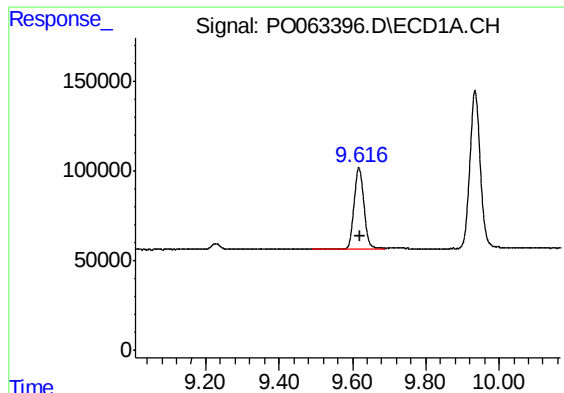
#44 AR-1268-4

R.T.: 9.226 min
Delta R.T.: -0.003 min
Response: 55252
Conc: 22.45 ng/ml



#44 AR-1268-4

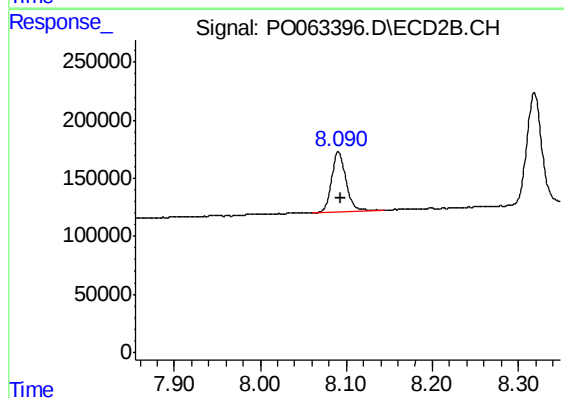
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 42217
Conc: 19.56 ng/ml



#45 AR-1268-5

R.T.: 9.617 min
Delta R.T.: -0.003 min
Response: 834655
Conc: 46.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
800-50-(0-2)



#45 AR-1268-5

R.T.: 8.091 min
Delta R.T.: -0.002 min
Response: 601177
Conc: 40.15 ng/ml