

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072019\
 Data File : P0058164.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jul 2019 16:51
 Operator : SM/AJ
 Sample : K3783-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 KY030LC015-SD-190711

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 01:32:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 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...	4.197	3.536	674576	607149	19.907	18.930
2)	SA Decachlor...	9.711	8.439	891892	582550	17.434	16.996
Target Compounds							
3)	L1 AR-1016-1	5.377	4.616	128482	62086	83.255	51.949 #
4)	L1 AR-1016-2	5.377	4.616	128482	62086	56.883	35.042 #
5)	L1 AR-1016-3	5.445	4.830	37620	27296	26.581	29.077
6)	L1 AR-1016-4	5.478	4.830	2773	27296	2.434	35.063 #
7)	L1 AR-1016-5	5.825	0.000	22982	0	20.035	N.D. #
9)	L2 AR-1221-2	0.000	3.830	0	17927	N.D.	67.908 #
12)	L3 AR-1232-2	5.090	4.616	44486	62086	96.189	78.656
13)	L3 AR-1232-3	5.377	4.830	128482	27296	129.002	66.325 #
14)	L3 AR-1232-4	5.478	4.868	2773	67217	5.560	183.150 #
15)	L3 AR-1232-5	5.622	0.000	56450	0	149.708	N.D. #
16)	L4 AR-1242-1	5.377	4.616	128482	62086	104.903	65.148 #
17)	L4 AR-1242-2	5.377	4.616	128482	62086	69.977	44.502 #
18)	L4 AR-1242-3	5.445	4.830	37620	27296	32.399	35.601
19)	L4 AR-1242-4	5.478	4.868	2773	67217	2.941	88.561 #
20)	L4 AR-1242-5	6.262	5.385	43565	30234	37.621	31.729
21)	L5 AR-1248-1	5.377	4.616	128482	62086	137.438	84.543 #
22)	L5 AR-1248-2	5.622	4.830	56450	27296	41.894	26.787 #
23)	L5 AR-1248-3	5.825	4.868	22982	67217	14.825	63.945 #
24)	L5 AR-1248-4	6.225	0.000	19558	0	9.989	N.D. #
25)	L5 AR-1248-5	6.262	5.424	43565	19337	22.859	15.296 #
26)	L6 AR-1254-1	6.195	5.385	42472	30234	21.612	14.839 #
27)	L6 AR-1254-2	6.414	5.532	92908	27928	28.421	15.412 #
28)	L6 AR-1254-3	6.778	5.929	77742	63535	22.037	21.696
29)	L6 AR-1254-4	7.060	6.156	44907	12455	15.177	6.741 #
30)	L6 AR-1254-5	7.472	6.567	123155	28905	41.957	10.633 #
31)	L7 AR-1260-1	6.936	6.055	23679	23061	9.467	11.387
32)	L7 AR-1260-2	7.190	6.244	119796	27102	34.073	10.539 #
33)	L7 AR-1260-3	7.543	6.393	60378	20934	20.563	9.178 #
34)	L7 AR-1260-4	7.766	6.857	73549	15154	26.924	7.826 #
35)	L7 AR-1260-5	8.076	7.101	40000	39264	6.895	8.531
36)	L8 AR-1262-1	7.543	6.567	60378	28905	10.929	7.277 #
37)	L8 AR-1262-2	8.076	7.101	40000	39264	4.704	6.079 #
38)	L8 AR-1262-3	0.000	7.380	0	2928	N.D.	1.062 #
39)	L8 AR-1262-4	0.000	7.443	0	25727	N.D.	5.388 #
41)	L9 AR-1268-1	0.000	7.380	0	2928	N.D.	0.375 #
42)	L9 AR-1268-2	0.000	7.443	0	25727	N.D.	3.611 #
45)	L9 AR-1268-5	0.000	8.208	0	18340	N.D.	1.100 #

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 01:32:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 17 11:13:08 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

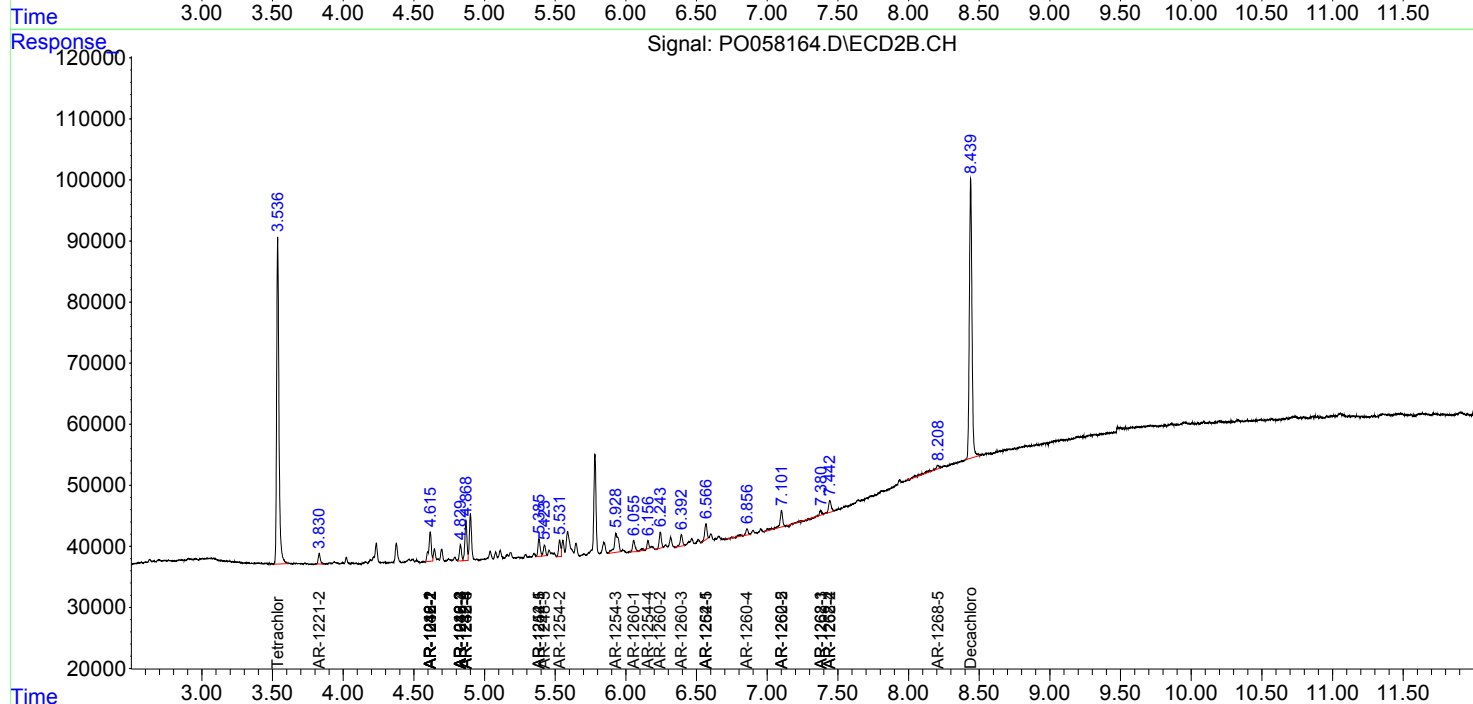
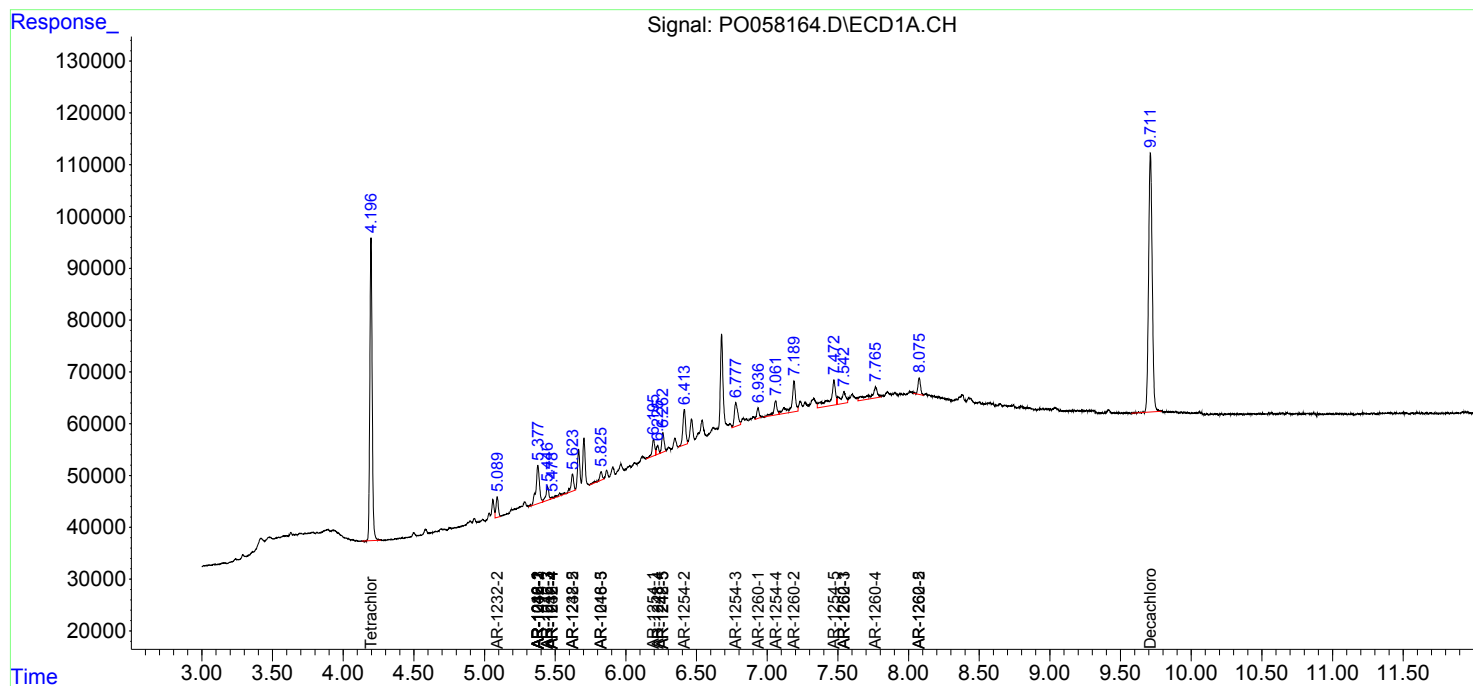
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

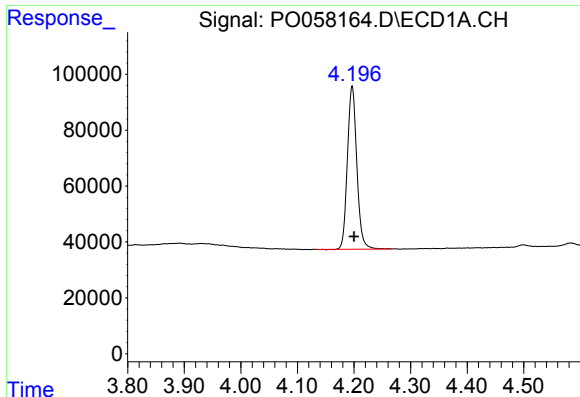
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072019\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

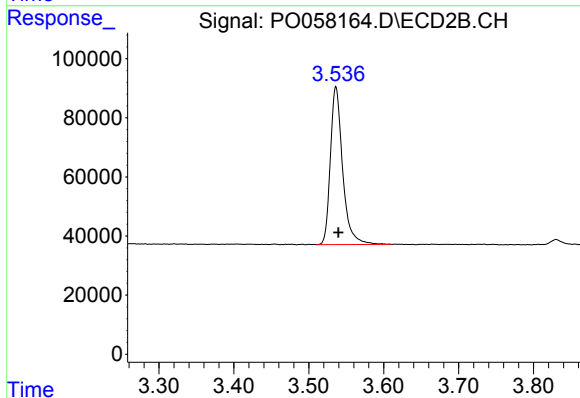




#1 Tetrachloro-m-xylene

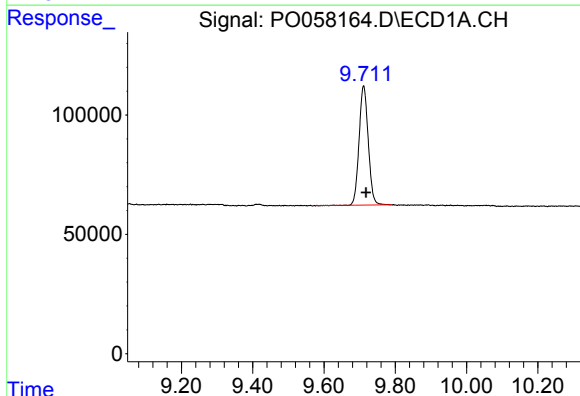
R.T.: 4.197 min
Delta R.T.: -0.003 min
Response: 674576
Conc: 19.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



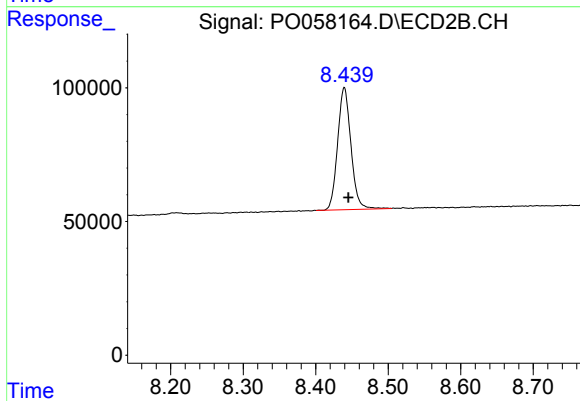
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 607149
Conc: 18.93 ng/ml



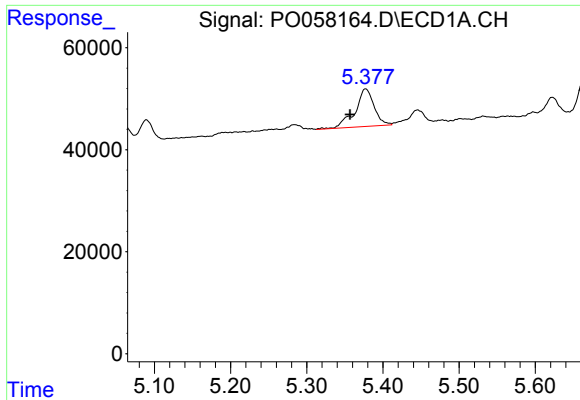
#2 Decachlorobiphenyl

R.T.: 9.711 min
Delta R.T.: -0.007 min
Response: 891892
Conc: 17.43 ng/ml



#2 Decachlorobiphenyl

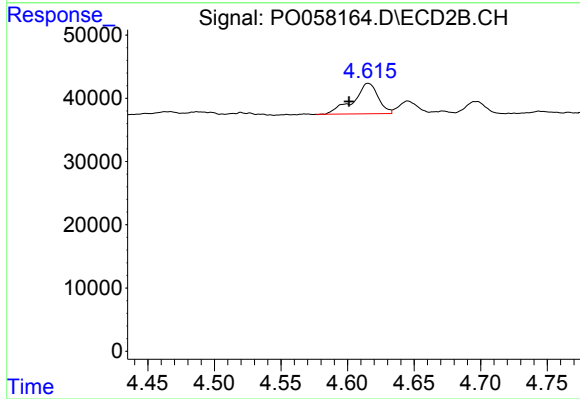
R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 582550
Conc: 17.00 ng/ml



#3 AR-1016-1

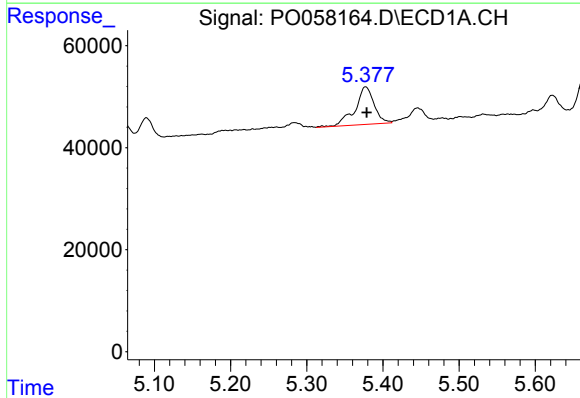
R.T.: 5.377 min
Delta R.T.: 0.020 min
Response: 128482
Conc: 83.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



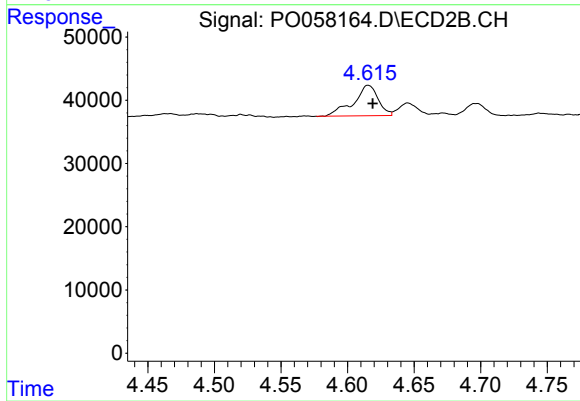
#3 AR-1016-1

R.T.: 4.616 min
Delta R.T.: 0.014 min
Response: 62086
Conc: 51.95 ng/ml



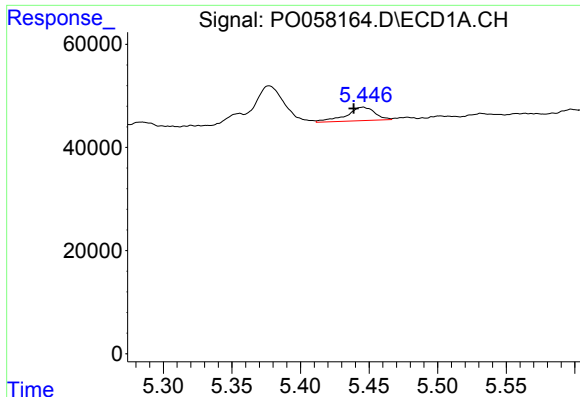
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 128482
Conc: 56.88 ng/ml



#4 AR-1016-2

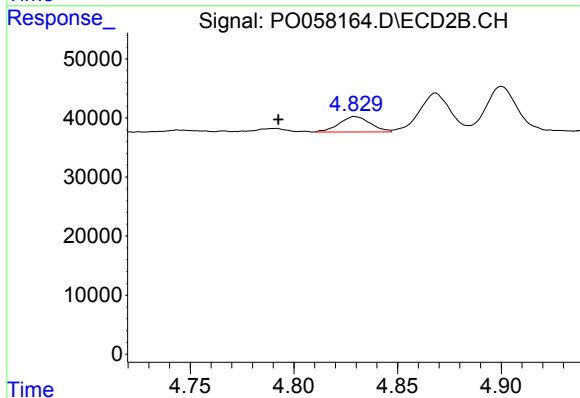
R.T.: 4.616 min
Delta R.T.: -0.003 min
Response: 62086
Conc: 35.04 ng/ml



#5 AR-1016-3

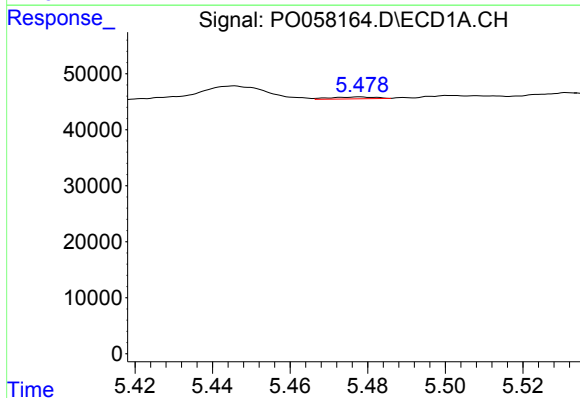
R.T.: 5.445 min
Delta R.T.: 0.006 min
Response: 37620
Conc: 26.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



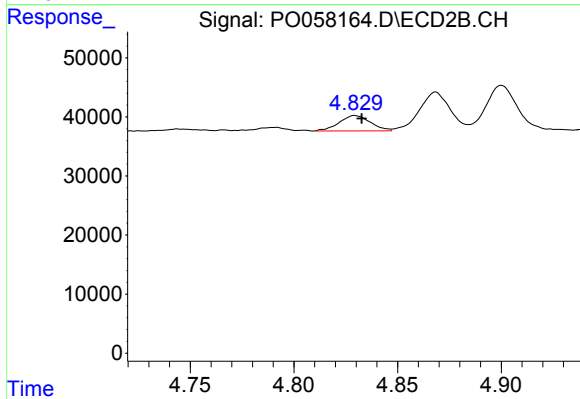
#5 AR-1016-3

R.T.: 4.830 min
Delta R.T.: 0.037 min
Response: 27296
Conc: 29.08 ng/ml



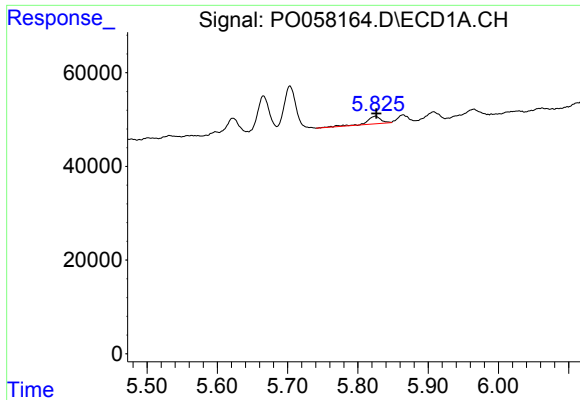
#6 AR-1016-4

R.T.: 5.478 min
Delta R.T.: -0.059 min
Response: 2773
Conc: 2.43 ng/ml



#6 AR-1016-4

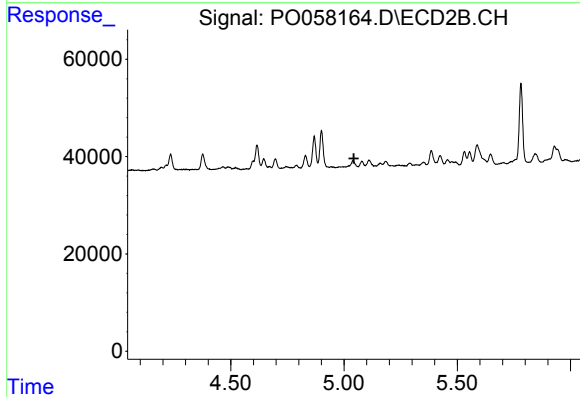
R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 27296
Conc: 35.06 ng/ml



#7 AR-1016-5

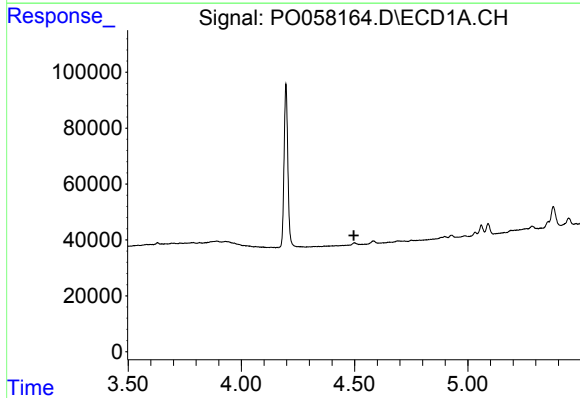
R.T.: 5.825 min
Delta R.T.: -0.001 min
Response: 22982
Conc: 20.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



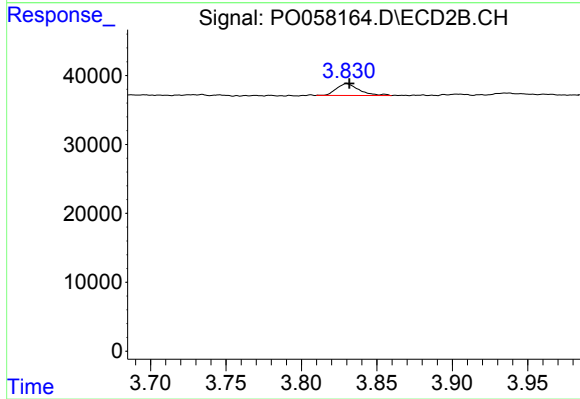
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



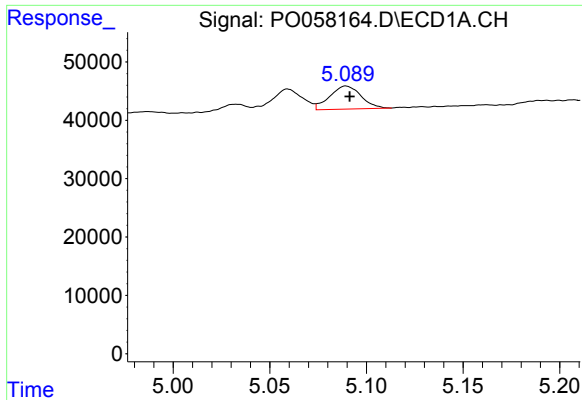
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.496 min
Response: 0
Conc: N.D.



#9 AR-1221-2

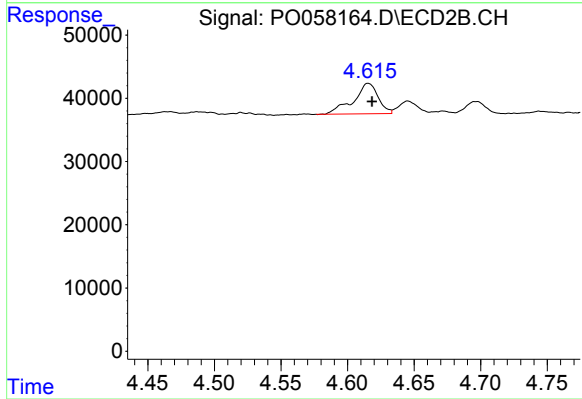
R.T.: 3.830 min
Delta R.T.: -0.002 min
Response: 17927
Conc: 67.91 ng/ml



#12 AR-1232-2

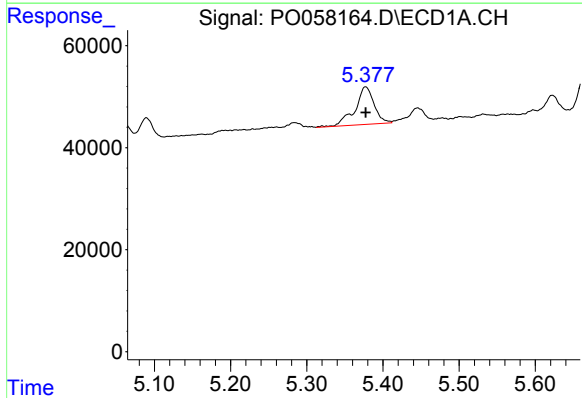
R.T.: 5.090 min
Delta R.T.: -0.002 min
Response: 44486
Conc: 96.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



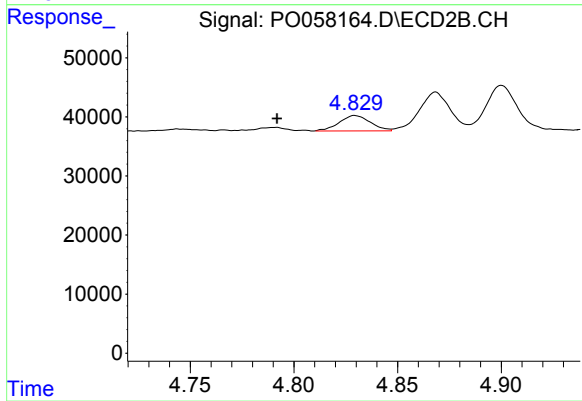
#12 AR-1232-2

R.T.: 4.616 min
Delta R.T.: -0.003 min
Response: 62086
Conc: 78.66 ng/ml



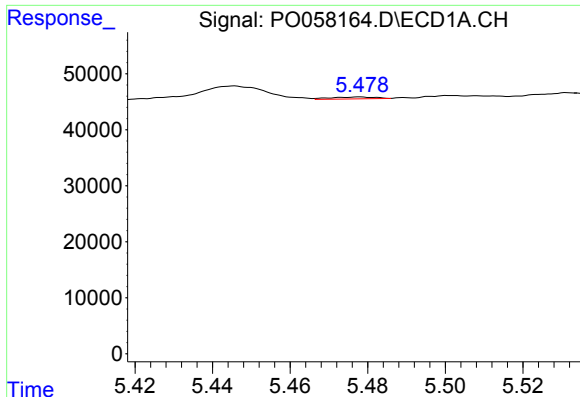
#13 AR-1232-3

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 128482
Conc: 129.00 ng/ml



#13 AR-1232-3

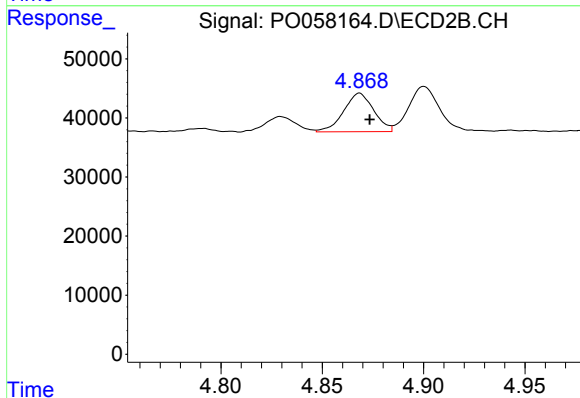
R.T.: 4.830 min
Delta R.T.: 0.038 min
Response: 27296
Conc: 66.32 ng/ml



#14 AR-1232-4

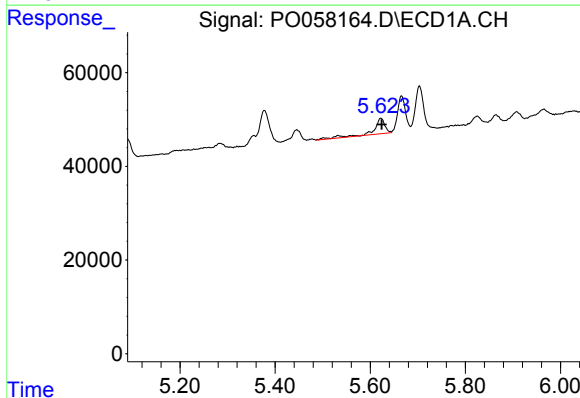
R.T.: 5.478 min
Delta R.T.: -0.059 min
Response: 2773
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



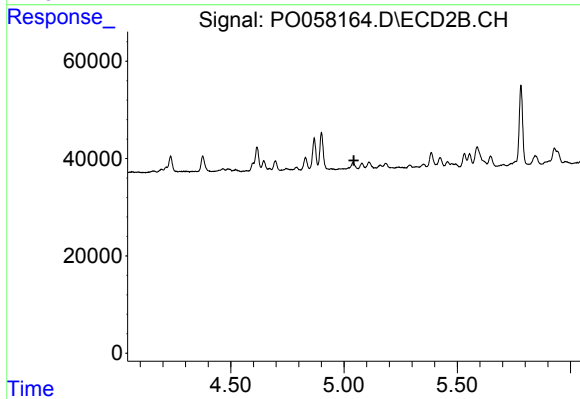
#14 AR-1232-4

R.T.: 4.868 min
Delta R.T.: -0.005 min
Response: 67217
Conc: 183.15 ng/ml



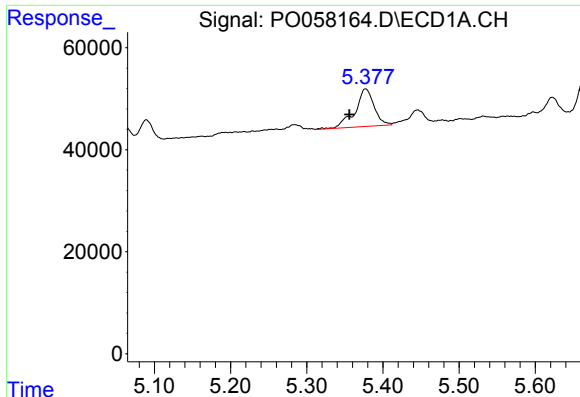
#15 AR-1232-5

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 56450
Conc: 149.71 ng/ml



#15 AR-1232-5

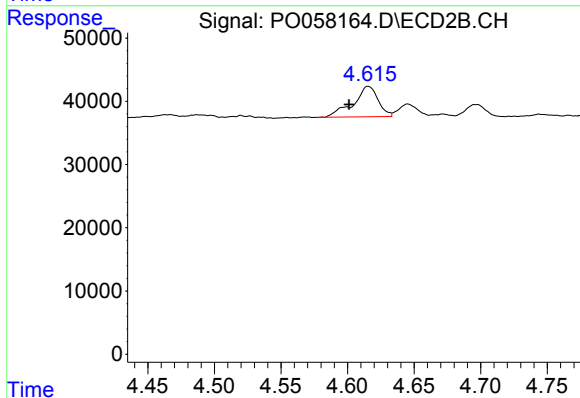
R.T.: 0.000 min
Exp R.T.: 5.043 min
Response: 0
Conc: N.D.



#16 AR-1242-1

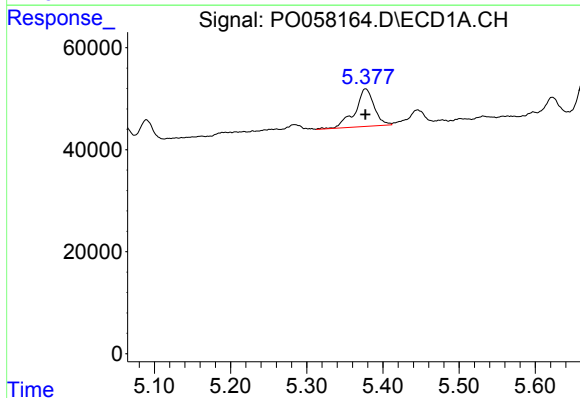
R.T.: 5.377 min
Delta R.T.: 0.021 min
Response: 128482
Conc: 104.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
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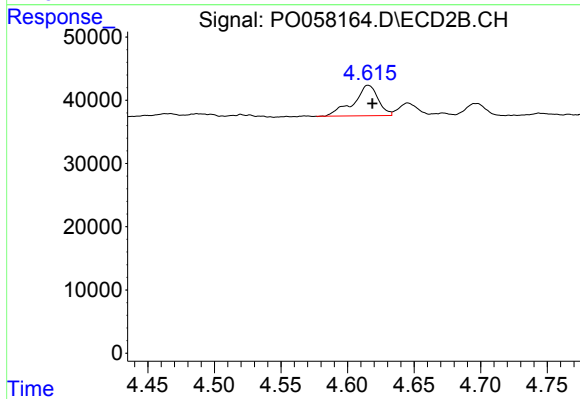
#16 AR-1242-1

R.T.: 4.616 min
Delta R.T.: 0.015 min
Response: 62086
Conc: 65.15 ng/ml



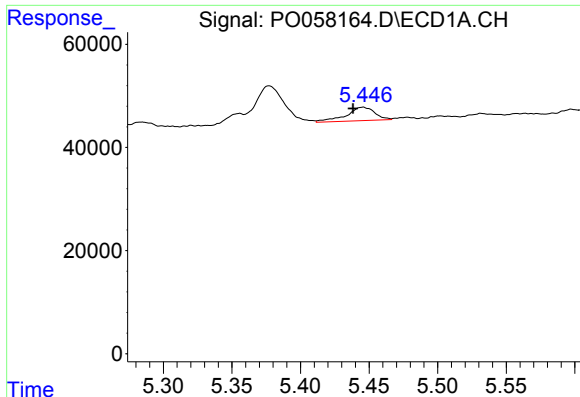
#17 AR-1242-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 128482
Conc: 69.98 ng/ml



#17 AR-1242-2

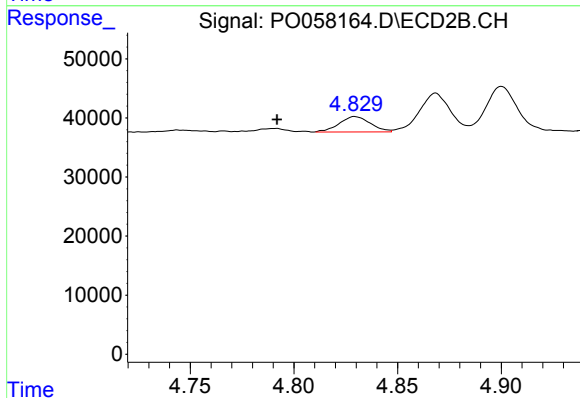
R.T.: 4.616 min
Delta R.T.: -0.003 min
Response: 62086
Conc: 44.50 ng/ml



#18 AR-1242-3

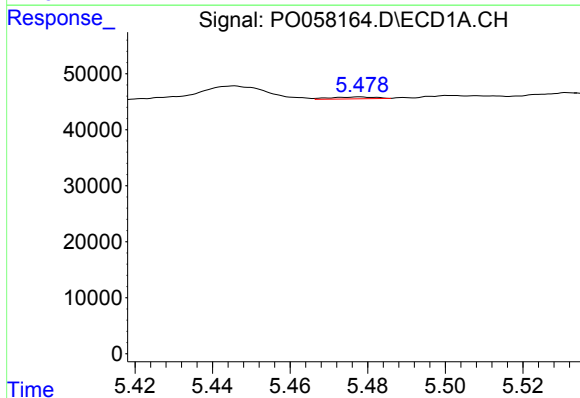
R.T.: 5.445 min
Delta R.T.: 0.007 min
Response: 37620
Conc: 32.40 ng/ml

Instrument :
ECD_O
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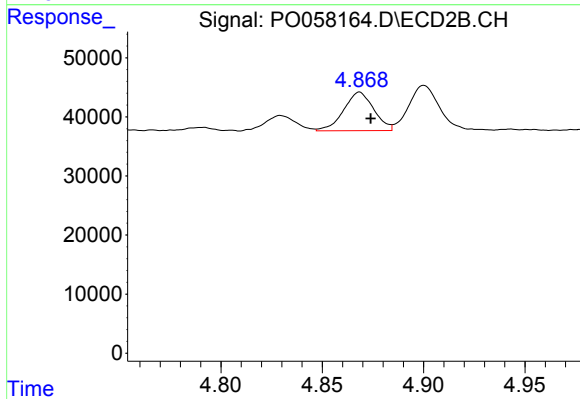
#18 AR-1242-3

R.T.: 4.830 min
Delta R.T.: 0.038 min
Response: 27296
Conc: 35.60 ng/ml



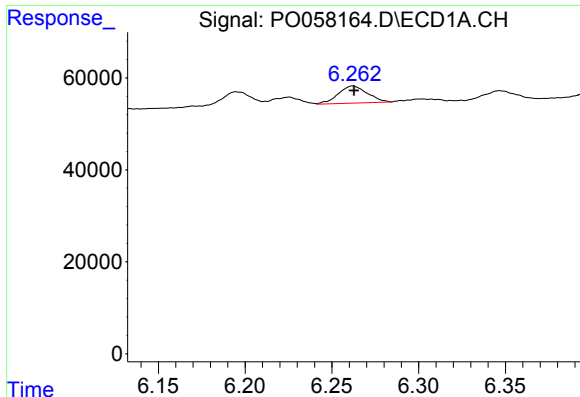
#19 AR-1242-4

R.T.: 5.478 min
Delta R.T.: -0.058 min
Response: 2773
Conc: 2.94 ng/ml



#19 AR-1242-4

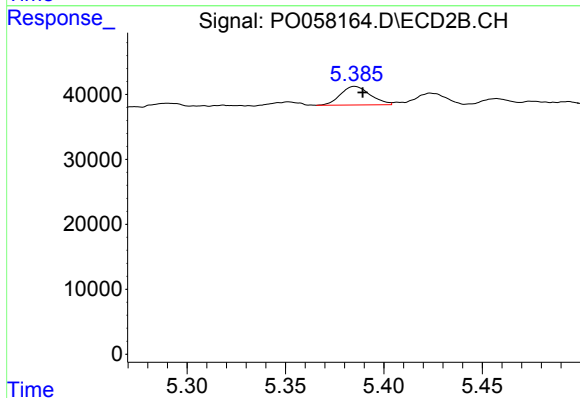
R.T.: 4.868 min
Delta R.T.: -0.006 min
Response: 67217
Conc: 88.56 ng/ml



#20 AR-1242-5

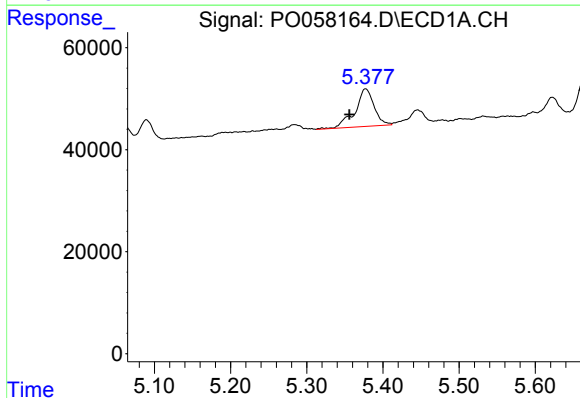
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 43565
Conc: 37.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
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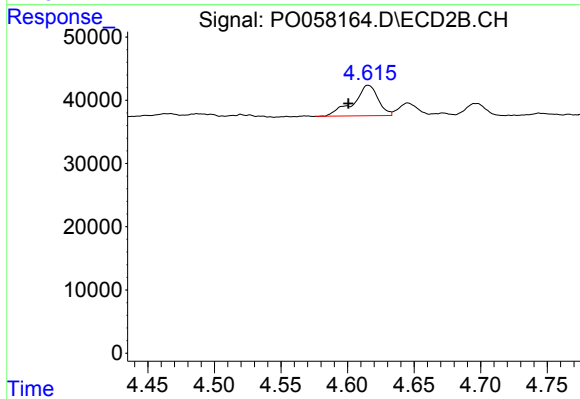
#20 AR-1242-5

R.T.: 5.385 min
Delta R.T.: -0.004 min
Response: 30234
Conc: 31.73 ng/ml



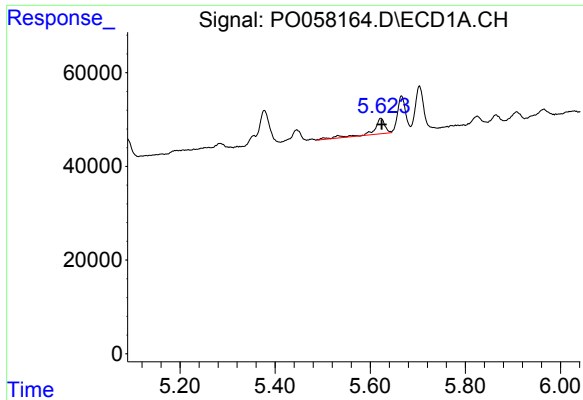
#21 AR-1248-1

R.T.: 5.377 min
Delta R.T.: 0.021 min
Response: 128482
Conc: 137.44 ng/ml



#21 AR-1248-1

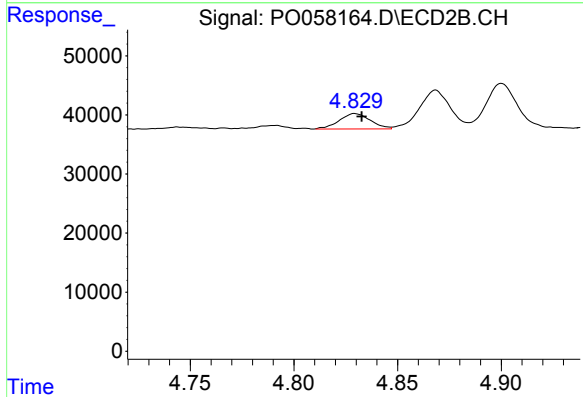
R.T.: 4.616 min
Delta R.T.: 0.015 min
Response: 62086
Conc: 84.54 ng/ml



#22 AR-1248-2

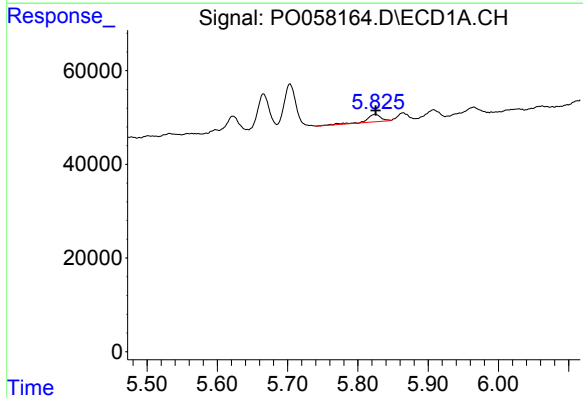
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 56450
Conc: 41.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



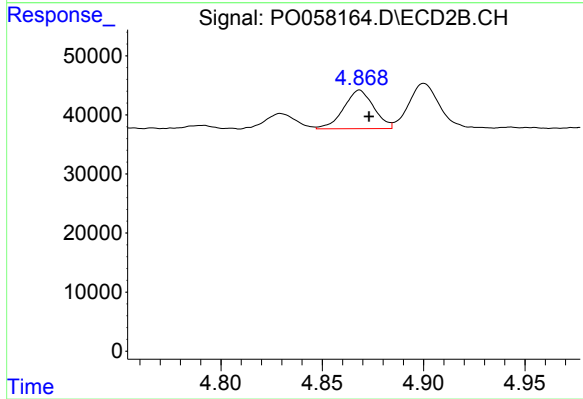
#22 AR-1248-2

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 27296
Conc: 26.79 ng/ml



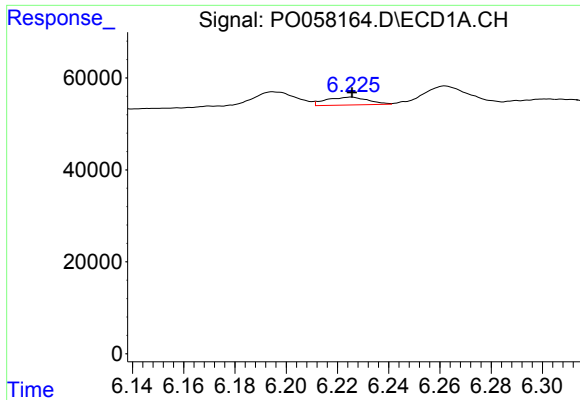
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 22982
Conc: 14.82 ng/ml



#23 AR-1248-3

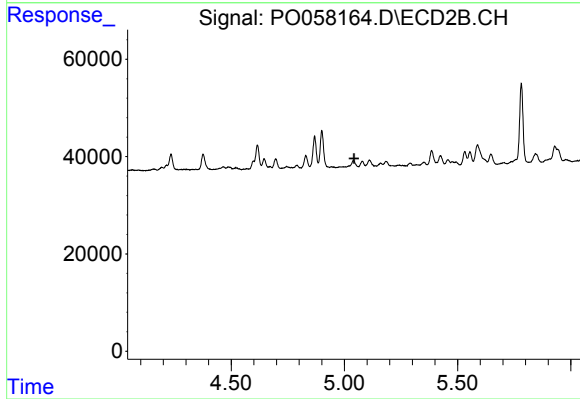
R.T.: 4.868 min
Delta R.T.: -0.005 min
Response: 67217
Conc: 63.94 ng/ml



#24 AR-1248-4

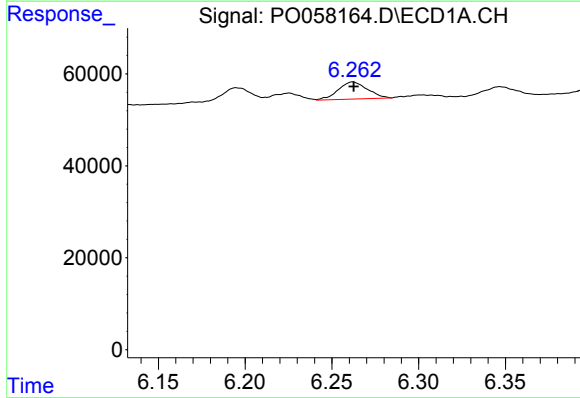
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 19558
Conc: 9.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



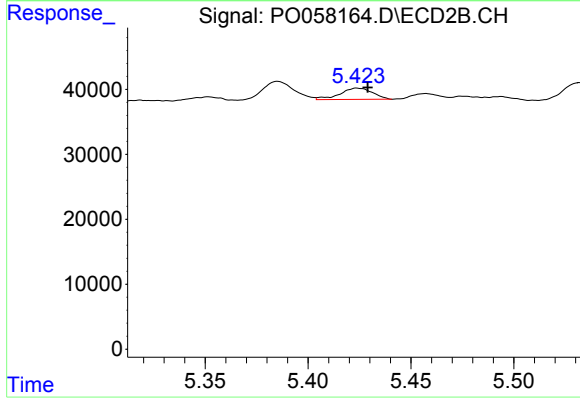
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.042 min
Response: 0
Conc: N.D.



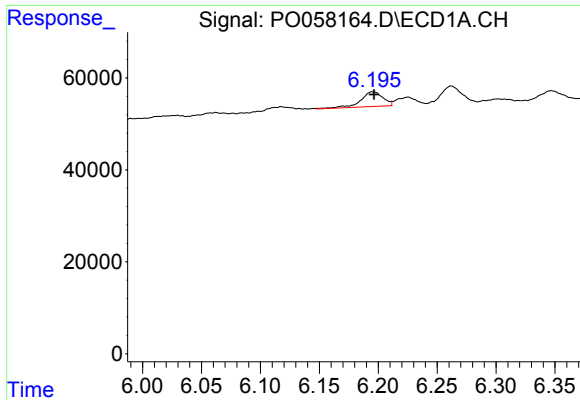
#25 AR-1248-5

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 43565
Conc: 22.86 ng/ml



#25 AR-1248-5

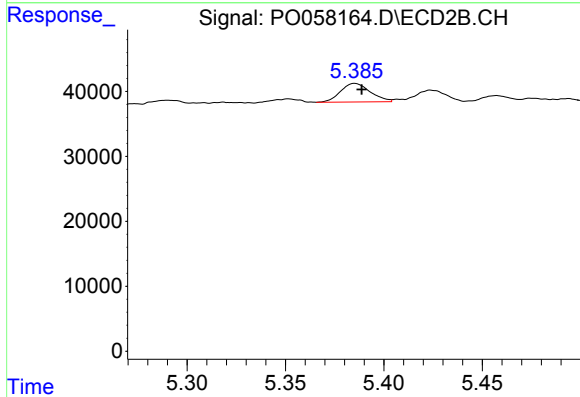
R.T.: 5.424 min
Delta R.T.: -0.005 min
Response: 19337
Conc: 15.30 ng/ml



#26 AR-1254-1

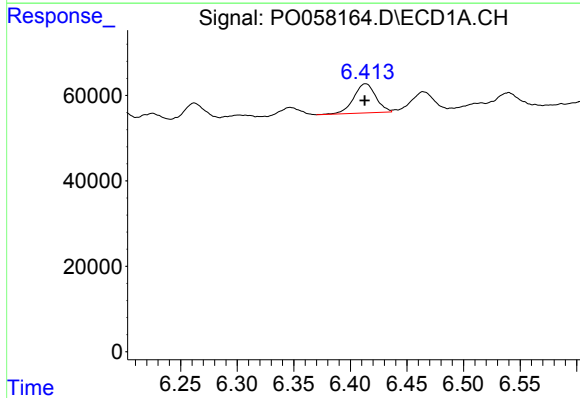
R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 42472
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



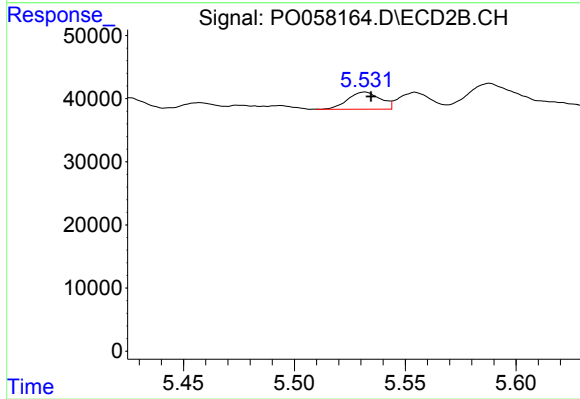
#26 AR-1254-1

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 30234
Conc: 14.84 ng/ml



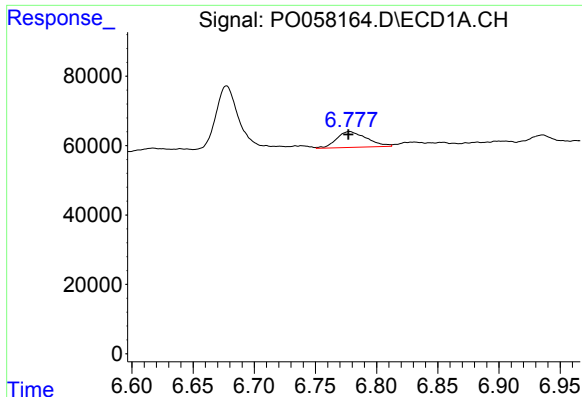
#27 AR-1254-2

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 92908
Conc: 28.42 ng/ml



#27 AR-1254-2

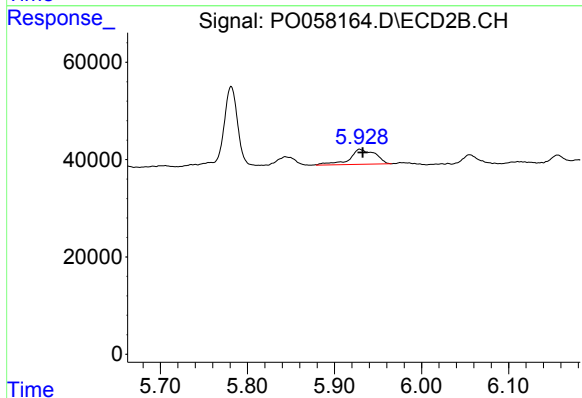
R.T.: 5.532 min
Delta R.T.: -0.003 min
Response: 27928
Conc: 15.41 ng/ml



#28 AR-1254-3

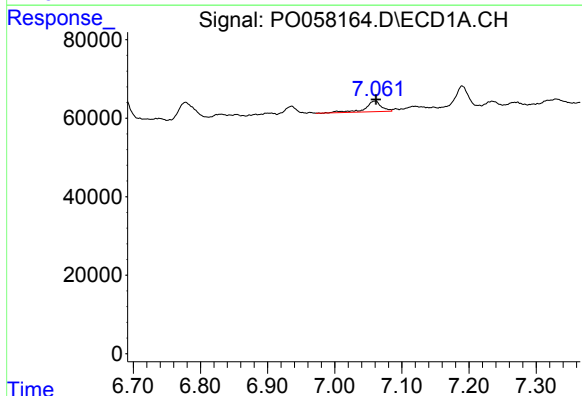
R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 77742
Conc: 22.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



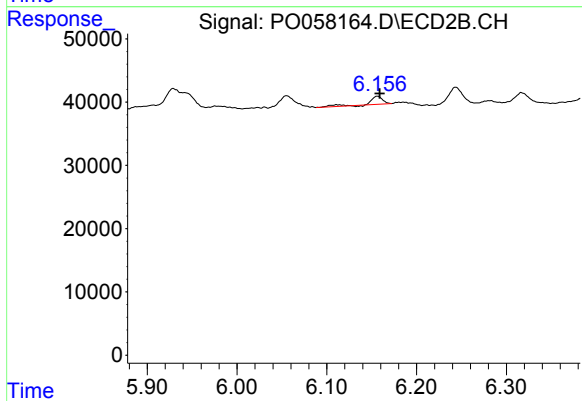
#28 AR-1254-3

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 63535
Conc: 21.70 ng/ml



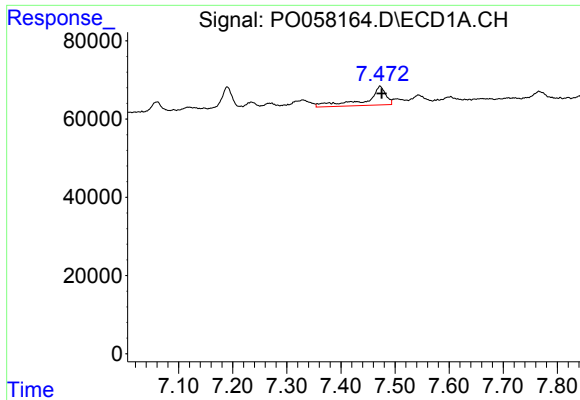
#29 AR-1254-4

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 44907
Conc: 15.18 ng/ml



#29 AR-1254-4

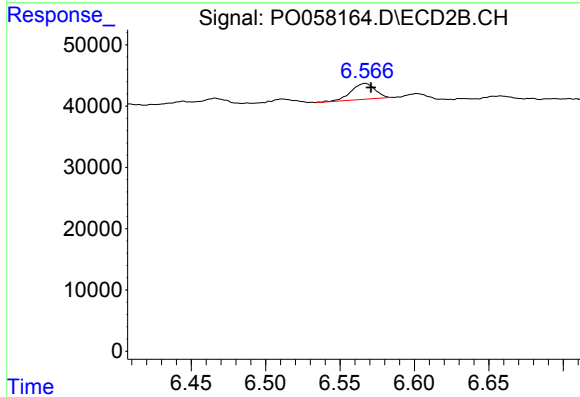
R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 12455
Conc: 6.74 ng/ml



#30 AR-1254-5

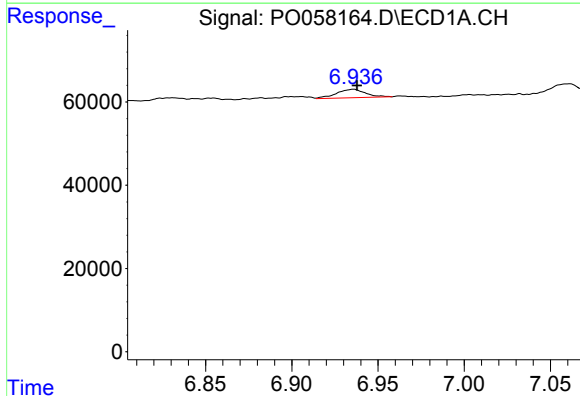
R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 123155
Conc: 41.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



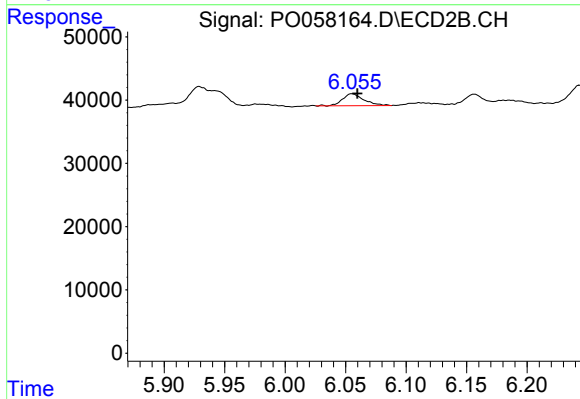
#30 AR-1254-5

R.T.: 6.567 min
Delta R.T.: -0.004 min
Response: 28905
Conc: 10.63 ng/ml



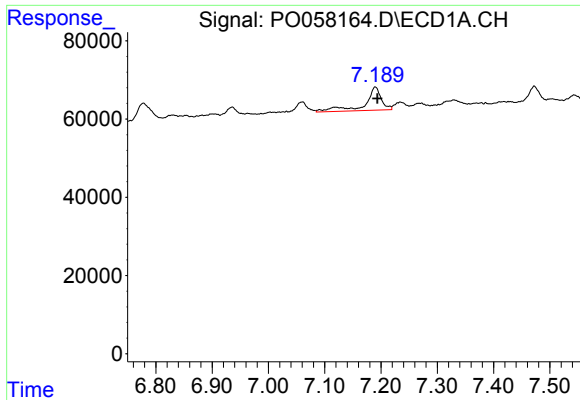
#31 AR-1260-1

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 23679
Conc: 9.47 ng/ml



#31 AR-1260-1

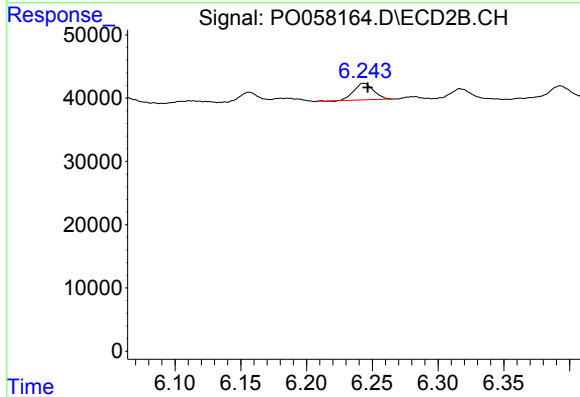
R.T.: 6.055 min
Delta R.T.: -0.004 min
Response: 23061
Conc: 11.39 ng/ml



#32 AR-1260-2

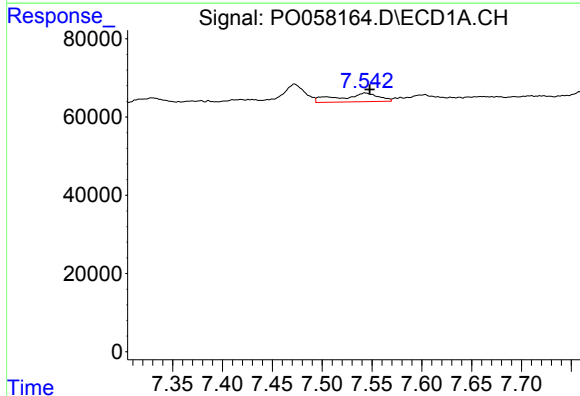
R.T.: 7.190 min
Delta R.T.: -0.004 min
Response: 119796
Conc: 34.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



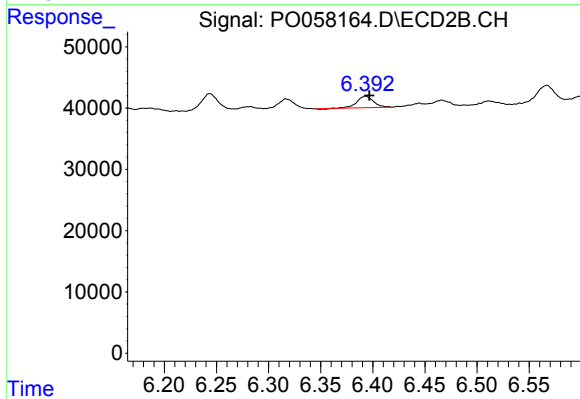
#32 AR-1260-2

R.T.: 6.244 min
Delta R.T.: -0.003 min
Response: 27102
Conc: 10.54 ng/ml



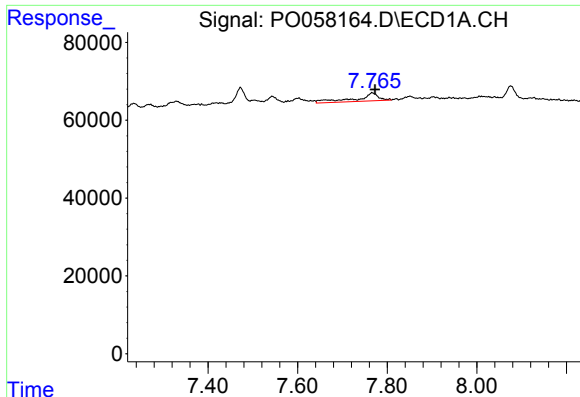
#33 AR-1260-3

R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 60378
Conc: 20.56 ng/ml



#33 AR-1260-3

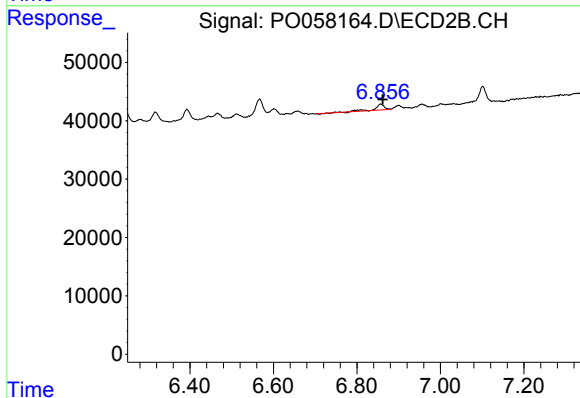
R.T.: 6.393 min
Delta R.T.: -0.004 min
Response: 20934
Conc: 9.18 ng/ml



#34 AR-1260-4

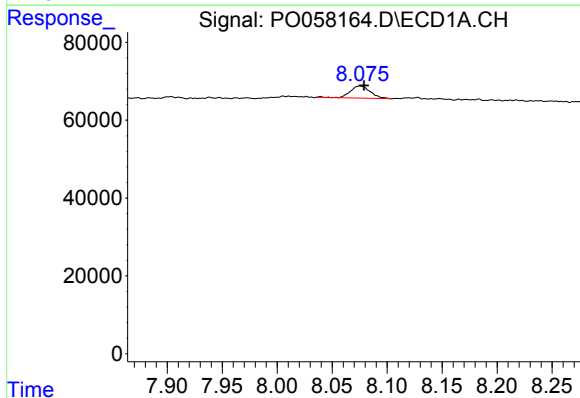
R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 73549
Conc: 26.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



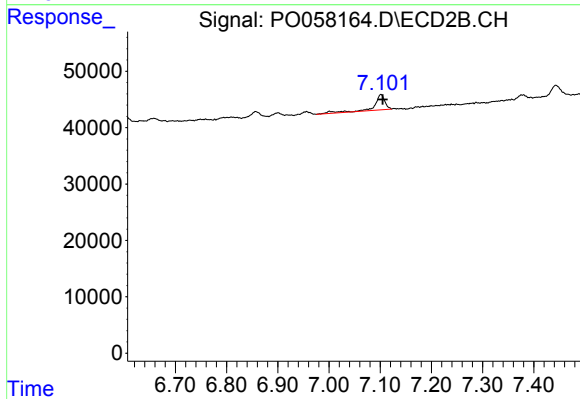
#34 AR-1260-4

R.T.: 6.857 min
Delta R.T.: -0.005 min
Response: 15154
Conc: 7.83 ng/ml



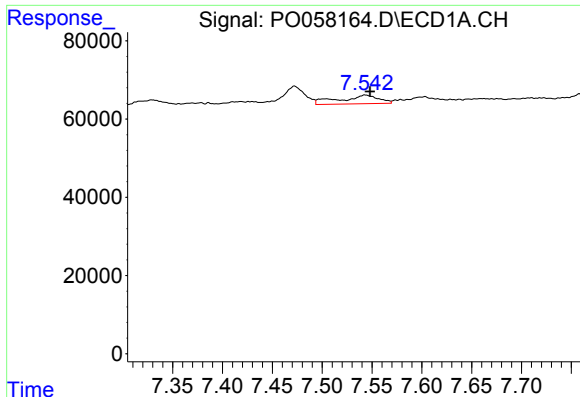
#35 AR-1260-5

R.T.: 8.076 min
Delta R.T.: -0.004 min
Response: 40000
Conc: 6.89 ng/ml



#35 AR-1260-5

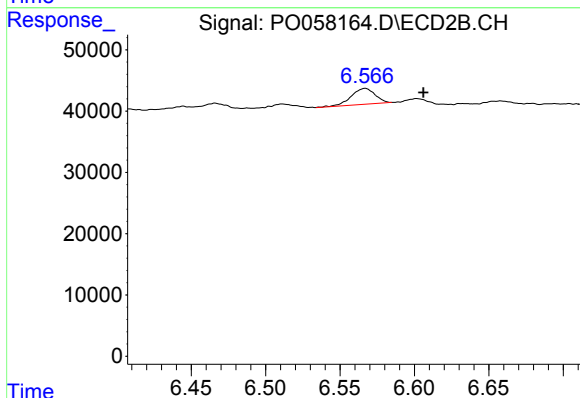
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 39264
Conc: 8.53 ng/ml



#36 AR-1262-1

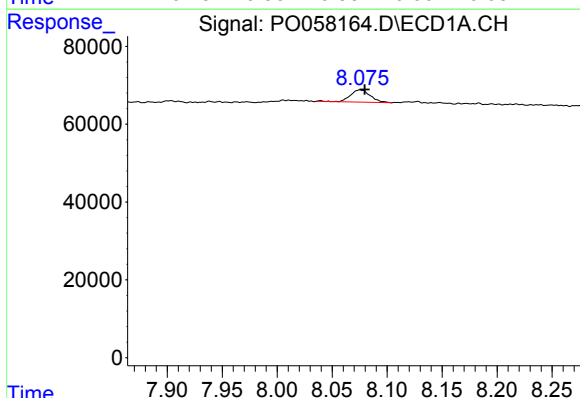
R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 60378
Conc: 10.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



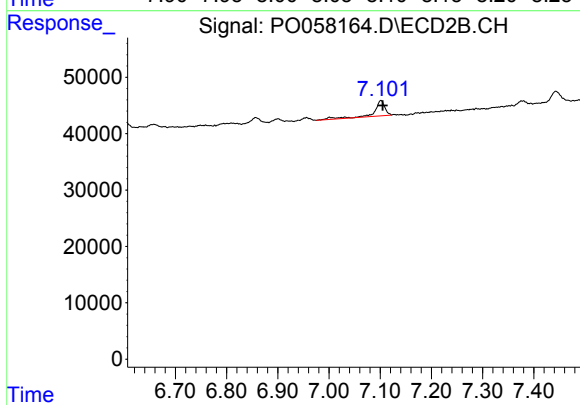
#36 AR-1262-1

R.T.: 6.567 min
Delta R.T.: -0.039 min
Response: 28905
Conc: 7.28 ng/ml



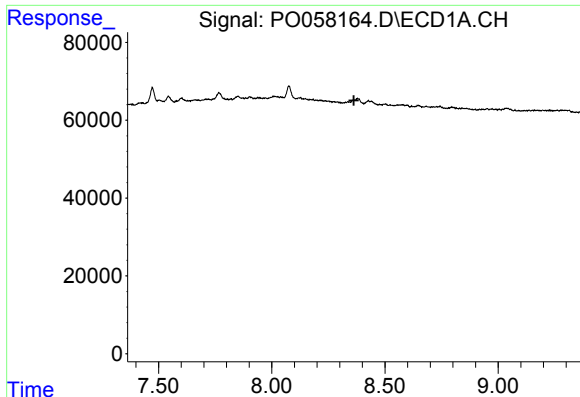
#37 AR-1262-2

R.T.: 8.076 min
Delta R.T.: -0.004 min
Response: 40000
Conc: 4.70 ng/ml



#37 AR-1262-2

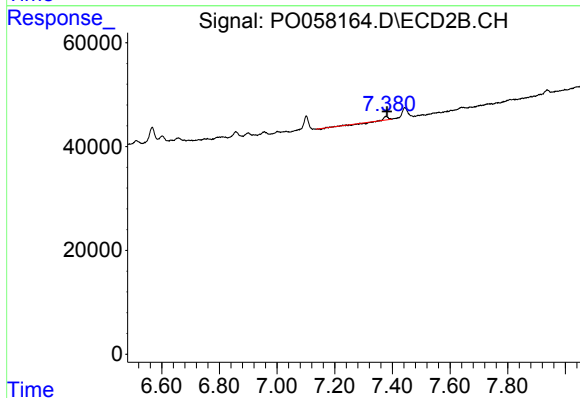
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 39264
Conc: 6.08 ng/ml



#38 AR-1262-3

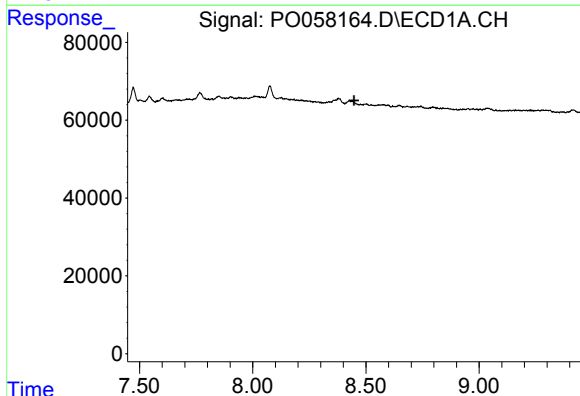
R.T.: 0.000 min
Exp R.T. : 8.363 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



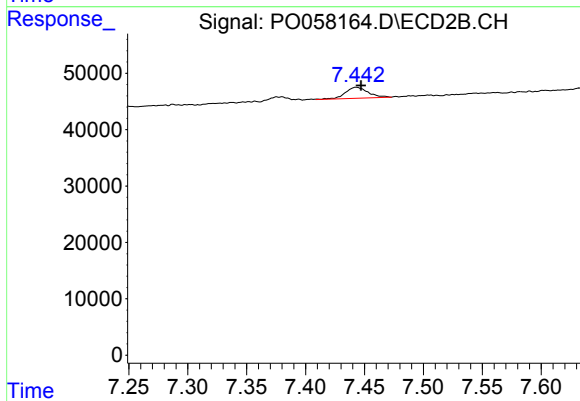
#38 AR-1262-3

R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 2928
Conc: 1.06 ng/ml



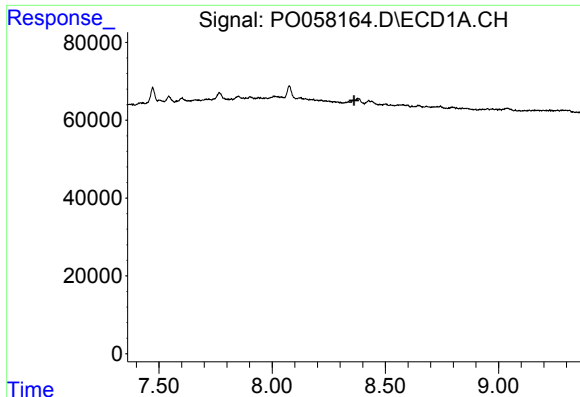
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#39 AR-1262-4

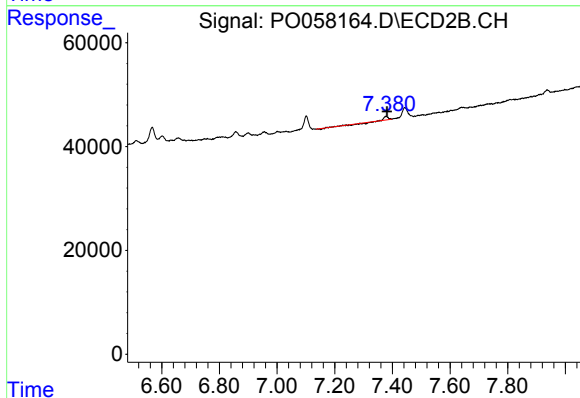
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 25727
Conc: 5.39 ng/ml



#41 AR-1268-1

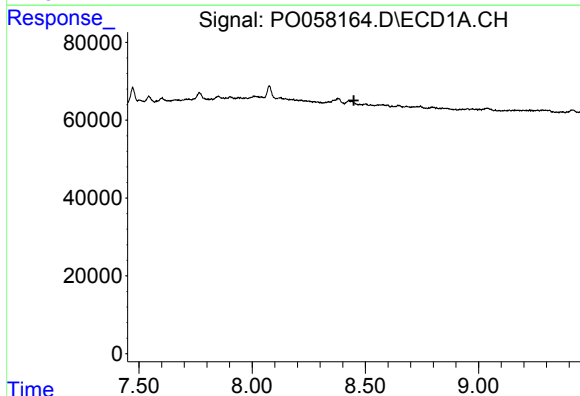
R.T.: 0.000 min
Exp R.T.: 8.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



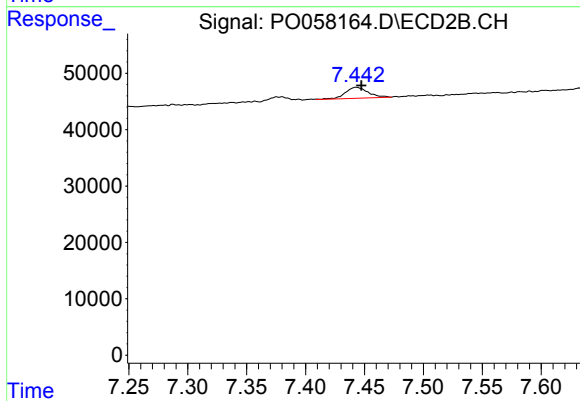
#41 AR-1268-1

R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 2928
Conc: 0.38 ng/ml



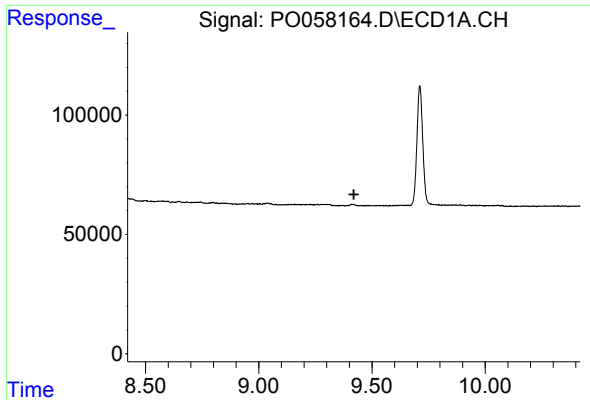
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.449 min
Response: 0
Conc: N.D.



#42 AR-1268-2

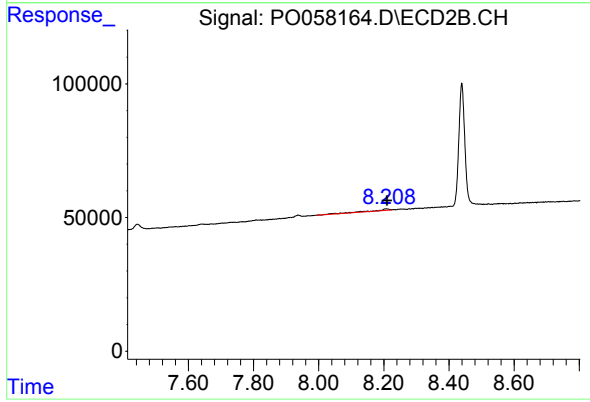
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 25727
Conc: 3.61 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.420 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
KY030LC015-SD-190711



#45 AR-1268-5

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 18340
Conc: 1.10 ng/ml