

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102419\
 Data File : P0063132.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Oct 2019 19:22
 Operator : HP/AJ
 Sample : K5499-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 197-74-(0-1)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 06:12:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.313	3.476	1049703	809513	16.972	18.878
2)	SA Decachlor...	9.932	8.321	648993	413325	11.599	14.087
Target Compounds							
3)	L1 AR-1016-1	0.000	4.538	0	43598	N.D.	27.873 #
4)	L1 AR-1016-2	0.000	4.538	0	43598	N.D.	18.745 #
5)	L1 AR-1016-3	5.628	4.747	68576	61437	33.138	49.704 #
6)	L1 AR-1016-4	5.628	4.747	68576	61437	40.460	62.518 #
7)	L1 AR-1016-5	5.948	4.953	76531	81098	43.036	62.888 #
9)	L2 AR-1221-2	0.000	3.835	0	25732	N.D.	66.968 #
10)	L2 AR-1221-3	0.000	3.835	0	25732	N.D.	21.866 #
11)	L3 AR-1232-1	0.000	3.835	0	25732	N.D.	16.607 #
12)	L3 AR-1232-2	0.000	4.538	0	43598	N.D.	25.253 #
13)	L3 AR-1232-3	0.000	4.747	0	61437	N.D.	67.215 #
14)	L3 AR-1232-4	5.628	4.787	68576	21868	53.347	26.881 #
15)	L3 AR-1232-5	5.744	4.953	84313	81098	85.188	91.827
16)	L4 AR-1242-1	0.000	4.538	0	43598	N.D.	36.252 #
17)	L4 AR-1242-2	0.000	4.538	0	43598	N.D.	24.476 #
18)	L4 AR-1242-3	5.628	4.747	68576	61437	41.991	64.532 #
19)	L4 AR-1242-4	5.628	4.787	68576	21868	50.798	23.165 #
20)	L4 AR-1242-5	6.387	5.294	129606	232163	84.796	194.560 #
21)	L5 AR-1248-1	0.000	4.538	0	43598	N.D.	44.409 #
22)	L5 AR-1248-2	5.744	4.747	84313	61437	42.111	48.494
23)	L5 AR-1248-3	5.948	4.787	76531	21868	34.652	16.474 #
24)	L5 AR-1248-4	6.350	4.953	188392	81098	73.744	51.251 #
25)	L5 AR-1248-5	6.387	5.334	129606	44061	53.005	28.630 #
26)	L6 AR-1254-1	6.350	5.294	188392	232163	70.675	94.923 #
27)	L6 AR-1254-2	6.538	5.438	425452	164681	104.061	77.758 #
28)	L6 AR-1254-3	6.904	5.830	687928	459475	164.415	141.023
29)	L6 AR-1254-4	7.187	6.054	286805	166105	95.179	86.001
30)	L6 AR-1254-5	7.629	6.462	126844	444176	40.475	168.172 #
31)	L7 AR-1260-1	7.065	5.957	387311	315730	136.036	148.597
32)	L7 AR-1260-2	7.316	6.143	402056	230858	117.199	90.974
33)	L7 AR-1260-3	7.676	6.290	293735	206193	111.006	91.312
34)	L7 AR-1260-4	7.899	6.753	317470	159140	113.502	90.634
35)	L7 AR-1260-5	8.213	6.993	475961	384997	90.908	106.871
36)	L8 AR-1262-1	7.676	6.553	293735	105916	71.558	88.873
37)	L8 AR-1262-2	8.213	6.993	475961	384997	73.815	91.627
38)	L8 AR-1262-3	8.527	7.271	318030	75627	72.323	42.999 #
39)	L8 AR-1262-4	8.596	7.333	86201	270890	24.950	88.610 #
40)	L8 AR-1262-5	9.225	7.823	138964	68920	61.524	52.771
41)	L9 AR-1268-1	8.527	7.271	318030	75627	42.012	16.149 #
42)	L9 AR-1268-2	8.596	7.333	86201	270890	12.271	64.841 #
44)	L9 AR-1268-4	9.225	7.823	138964	68920	58.486	48.369

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102419\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 Oct 2019 19:22
Operator : HP/AJ
Sample : K5499-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

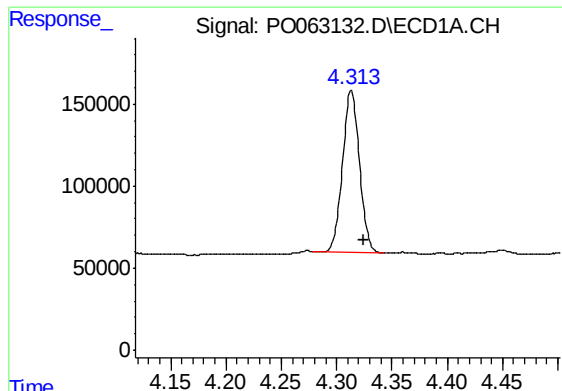
Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:12:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 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
45) L9	AR-1268-5	9.614	8.092	92701	39563	5.143	4.273

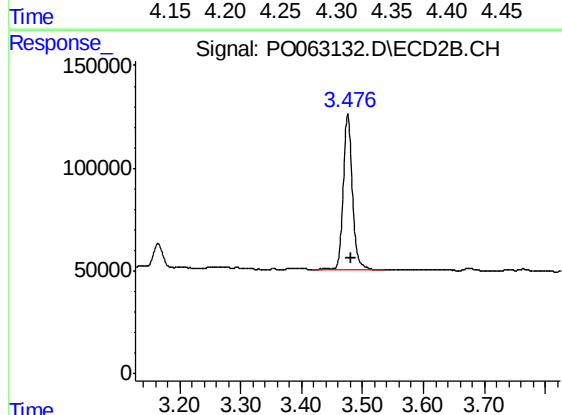
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

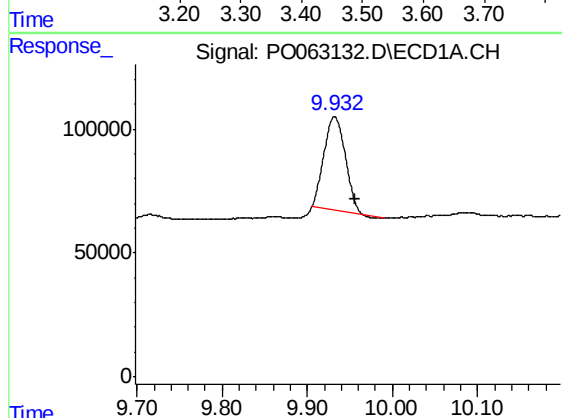
R.T.: 4.313 min
Delta R.T.: -0.012 min
Response: 1049703
Conc: 16.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



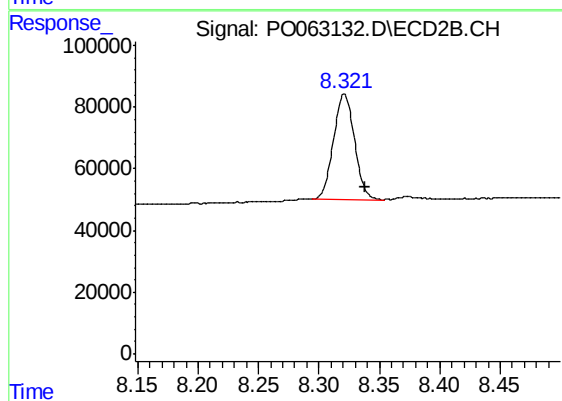
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: -0.005 min
Response: 809513
Conc: 18.88 ng/ml



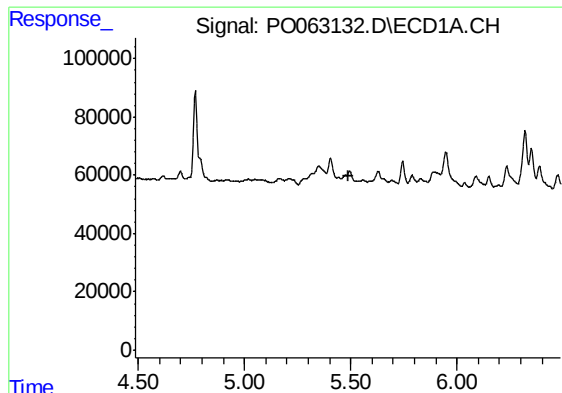
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.024 min
Response: 648993
Conc: 11.60 ng/ml



#2 Decachlorobiphenyl

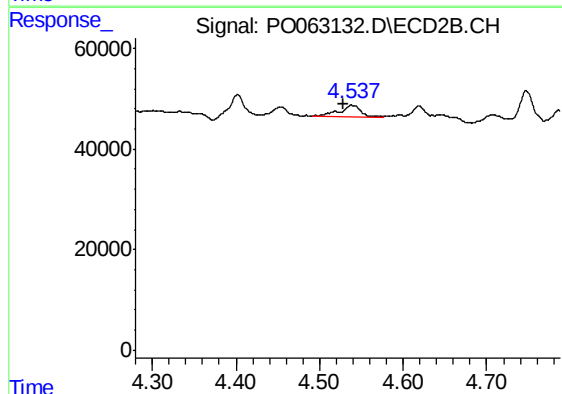
R.T.: 8.321 min
Delta R.T.: -0.017 min
Response: 413325
Conc: 14.09 ng/ml



#3 AR-1016-1

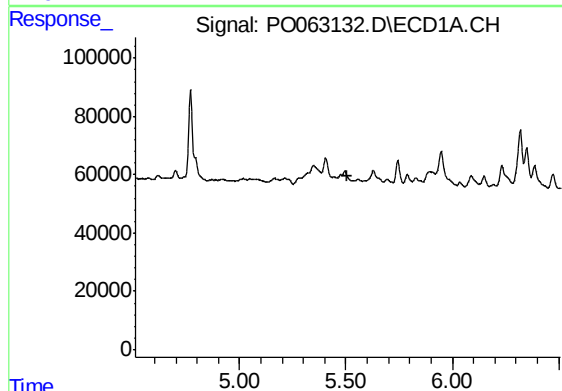
R.T.: 0.000 min
Exp R.T. : 5.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



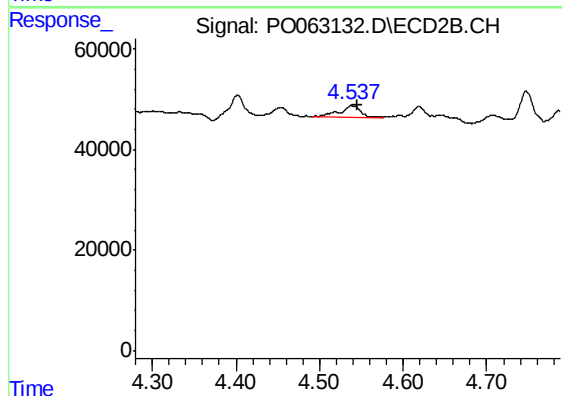
#3 AR-1016-1

R.T.: 4.538 min
Delta R.T.: 0.010 min
Response: 43598
Conc: 27.87 ng/ml



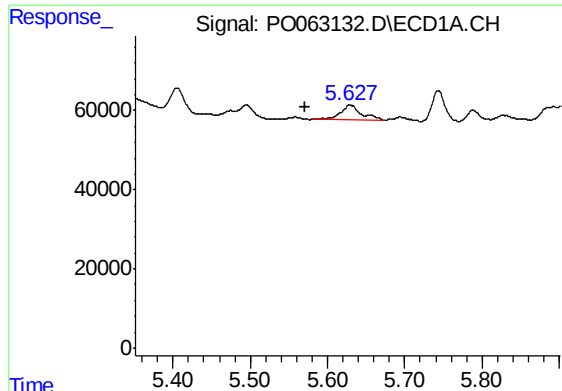
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



#4 AR-1016-2

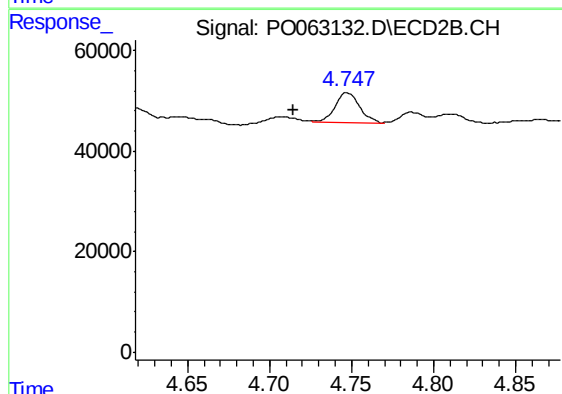
R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 43598
Conc: 18.74 ng/ml



#5 AR-1016-3

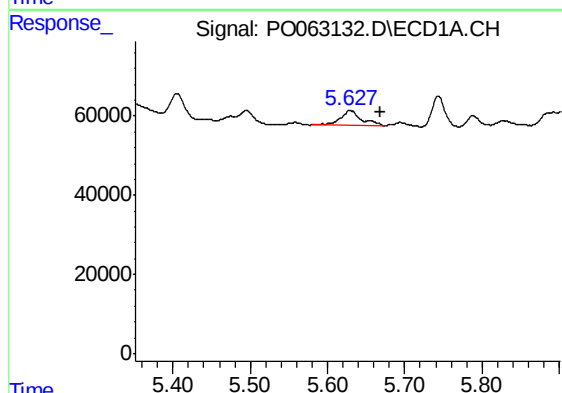
R.T.: 5.628 min
Delta R.T.: 0.058 min
Response: 68576
Conc: 33.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



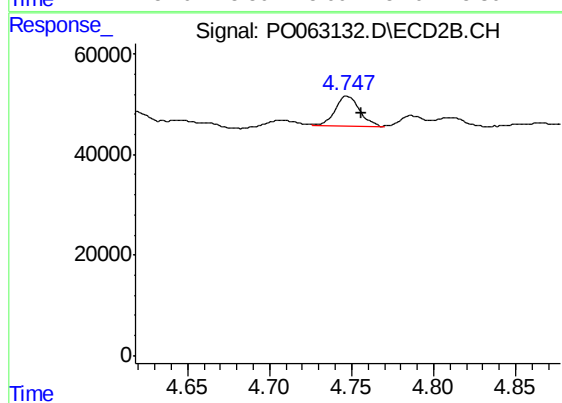
#5 AR-1016-3

R.T.: 4.747 min
Delta R.T.: 0.033 min
Response: 61437
Conc: 49.70 ng/ml



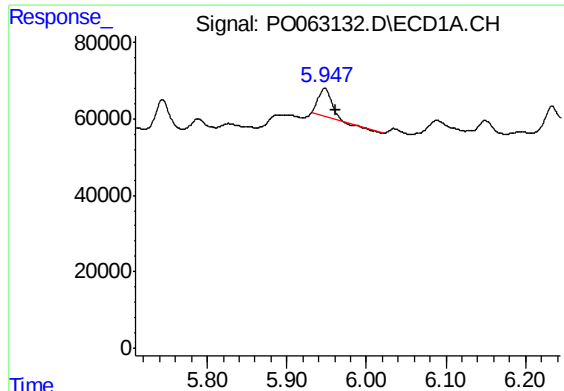
#6 AR-1016-4

R.T.: 5.628 min
Delta R.T.: -0.040 min
Response: 68576
Conc: 40.46 ng/ml



#6 AR-1016-4

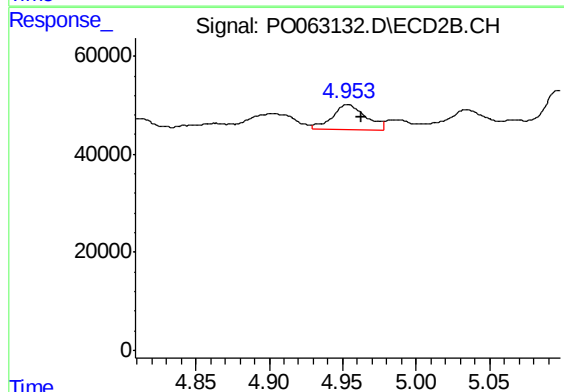
R.T.: 4.747 min
Delta R.T.: -0.009 min
Response: 61437
Conc: 62.52 ng/ml



#7 AR-1016-5

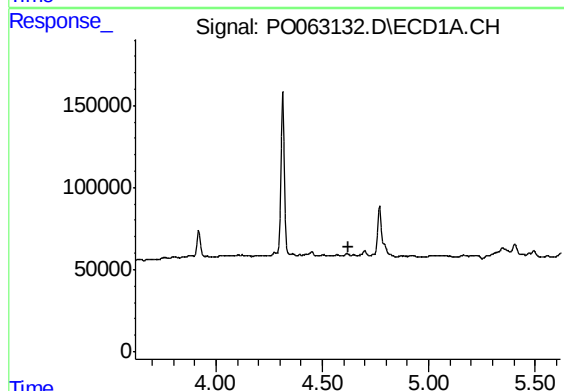
R.T.: 5.948 min
Delta R.T.: -0.014 min
Response: 76531
Conc: 43.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



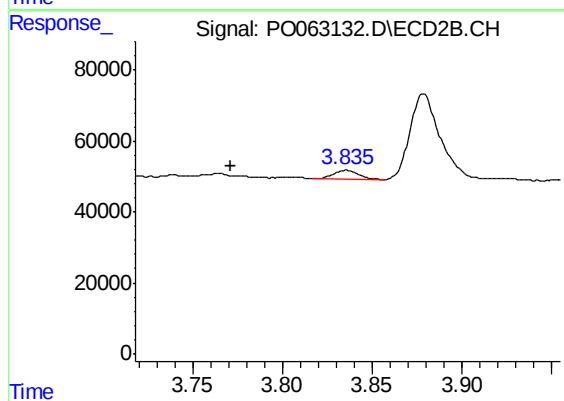
#7 AR-1016-5

R.T.: 4.953 min
Delta R.T.: -0.009 min
Response: 81098
Conc: 62.89 ng/ml



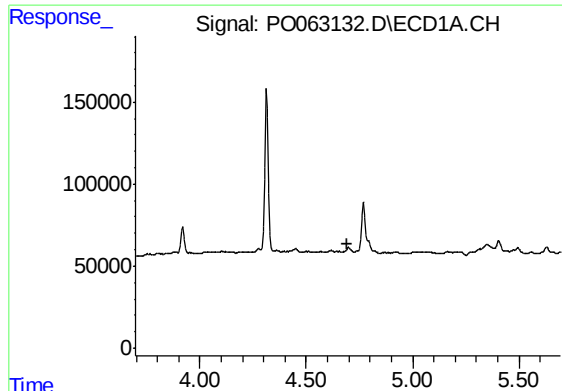
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.620 min
Response: 0
Conc: N.D.



#9 AR-1221-2

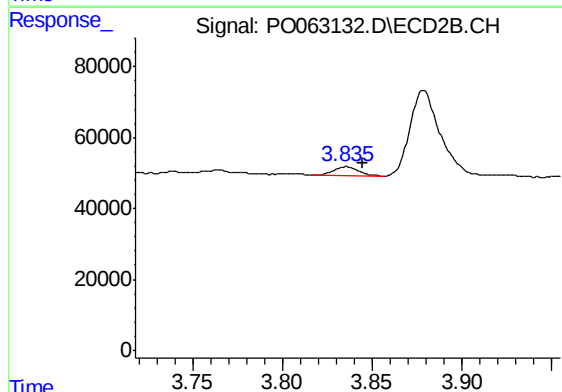
R.T.: 3.835 min
Delta R.T.: 0.064 min
Response: 25732
Conc: 66.97 ng/ml



#10 AR-1221-3

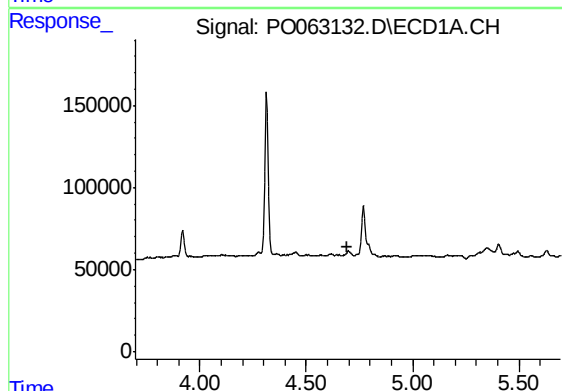
R.T.: 0.000 min
Exp R.T.: 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



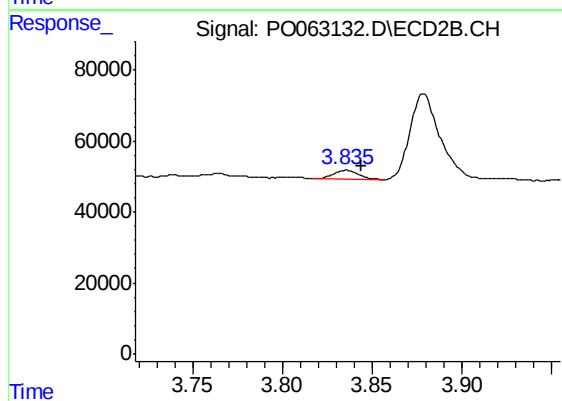
#10 AR-1221-3

R.T.: 3.835 min
Delta R.T.: -0.009 min
Response: 25732
Conc: 21.87 ng/ml



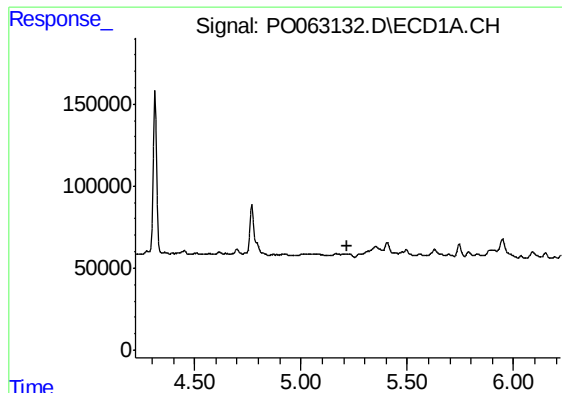
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.696 min
Response: 0
Conc: N.D.



#11 AR-1232-1

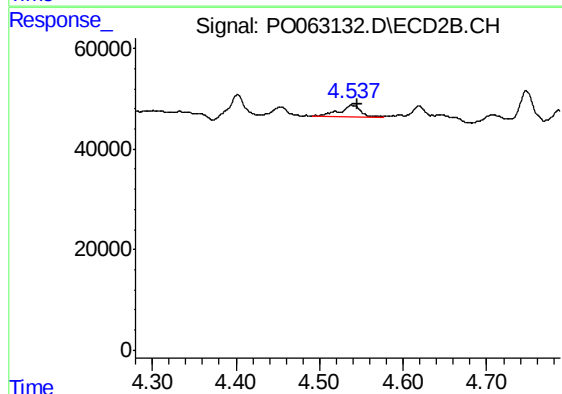
R.T.: 3.835 min
Delta R.T.: -0.009 min
Response: 25732
Conc: 16.61 ng/ml



#12 AR-1232-2

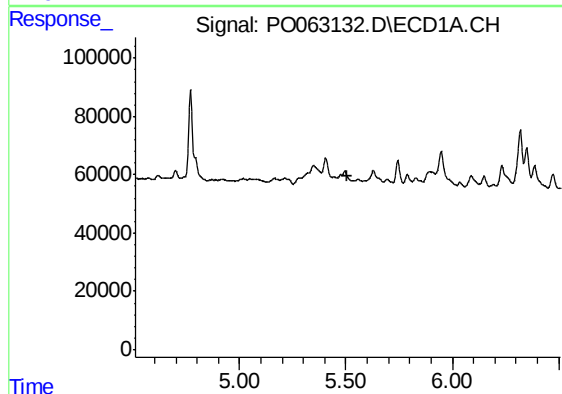
R.T.: 0.000 min
Exp R.T. : 5.221 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



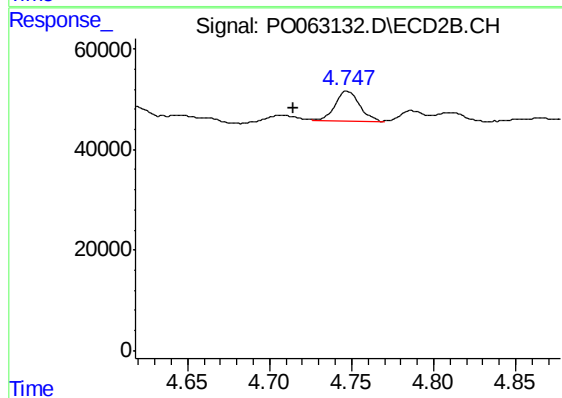
#12 AR-1232-2

R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 43598
Conc: 25.25 ng/ml



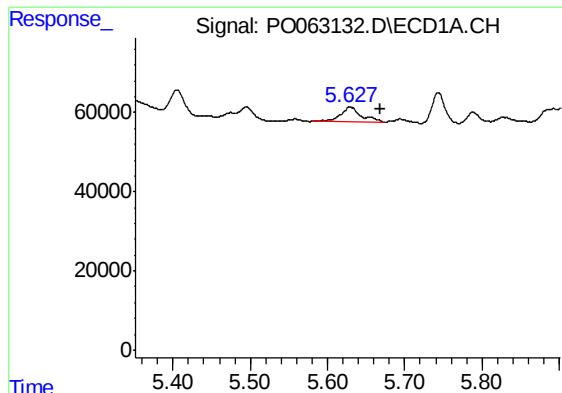
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



#13 AR-1232-3

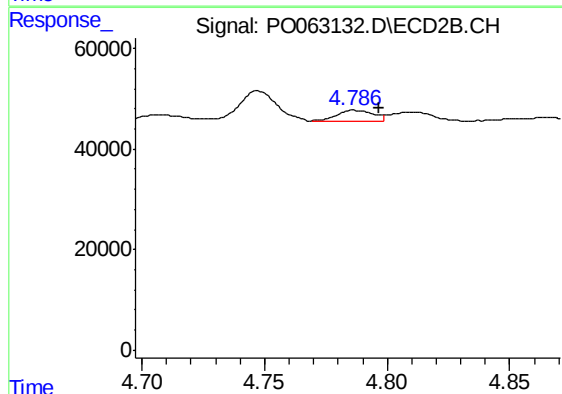
R.T.: 4.747 min
Delta R.T.: 0.033 min
Response: 61437
Conc: 67.21 ng/ml



#14 AR-1232-4

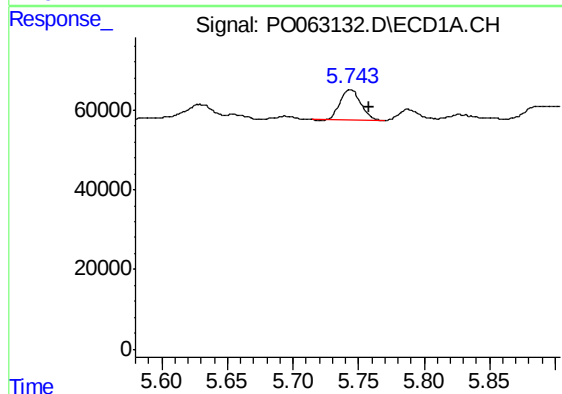
R.T.: 5.628 min
Delta R.T.: -0.041 min
Response: 68576
Conc: 53.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



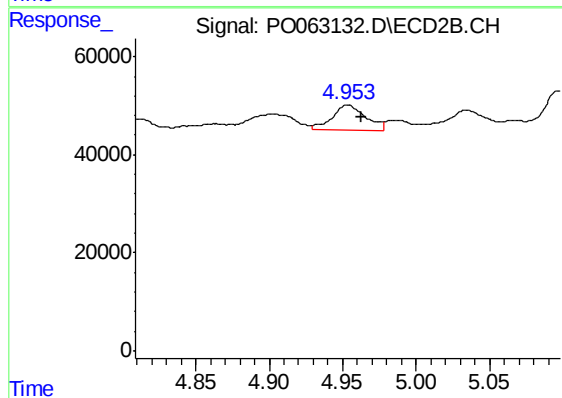
#14 AR-1232-4

R.T.: 4.787 min
Delta R.T.: -0.010 min
Response: 21868
Conc: 26.88 ng/ml



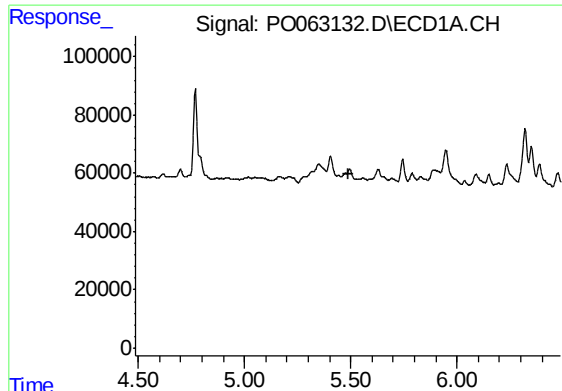
#15 AR-1232-5

R.T.: 5.744 min
Delta R.T.: -0.015 min
Response: 84313
Conc: 85.19 ng/ml



#15 AR-1232-5

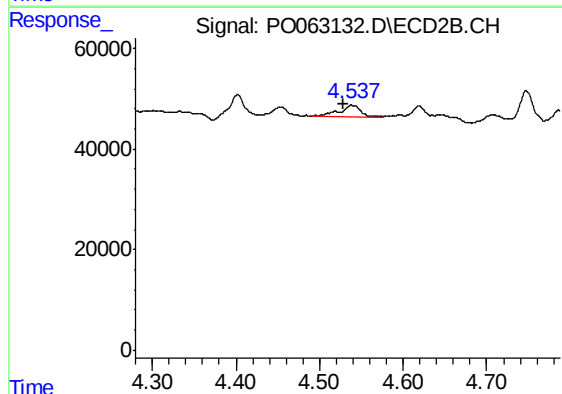
R.T.: 4.953 min
Delta R.T.: -0.009 min
Response: 81098
Conc: 91.83 ng/ml



#16 AR-1242-1

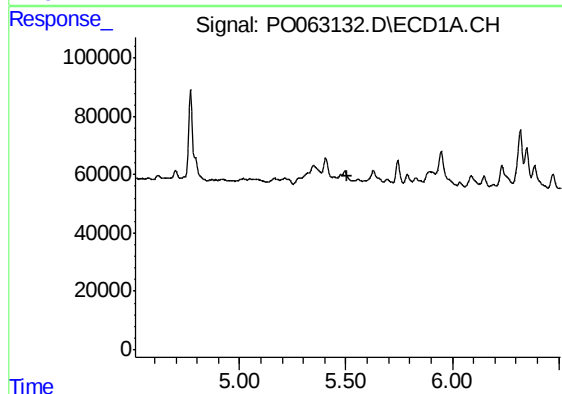
R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



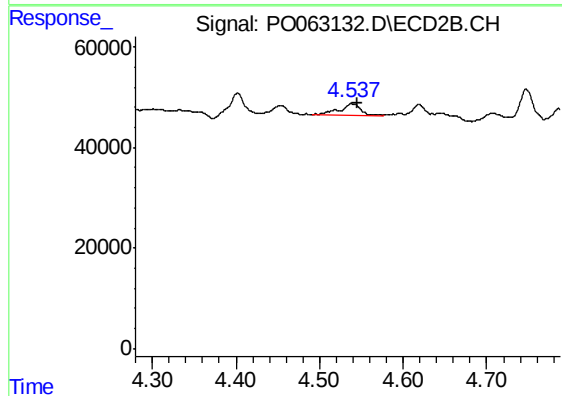
#16 AR-1242-1

R.T.: 4.538 min
Delta R.T.: 0.009 min
Response: 43598
Conc: 36.25 ng/ml



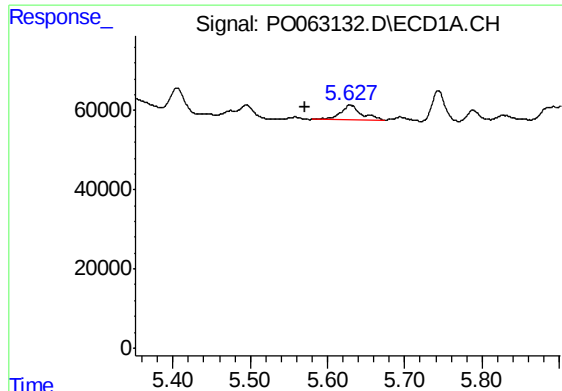
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.



#17 AR-1242-2

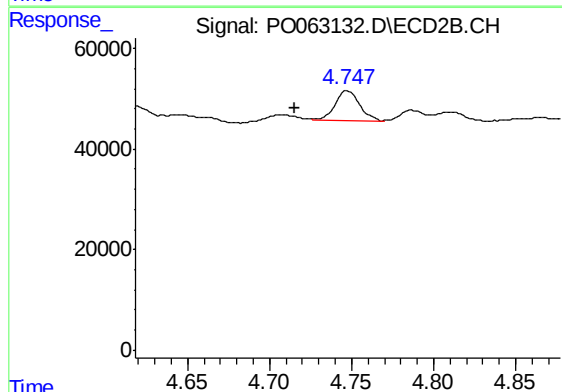
R.T.: 4.538 min
Delta R.T.: -0.008 min
Response: 43598
Conc: 24.48 ng/ml



#18 AR-1242-3

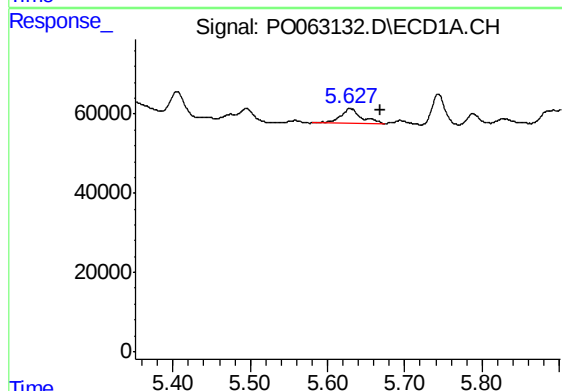
R.T.: 5.628 min
Delta R.T.: 0.058 min
Response: 68576
Conc: 41.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



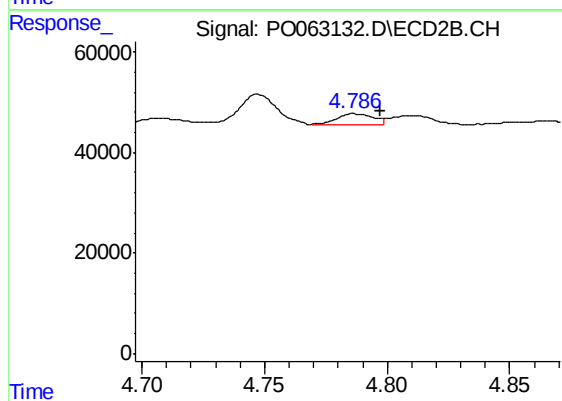
#18 AR-1242-3

R.T.: 4.747 min
Delta R.T.: 0.032 min
Response: 61437
Conc: 64.53 ng/ml



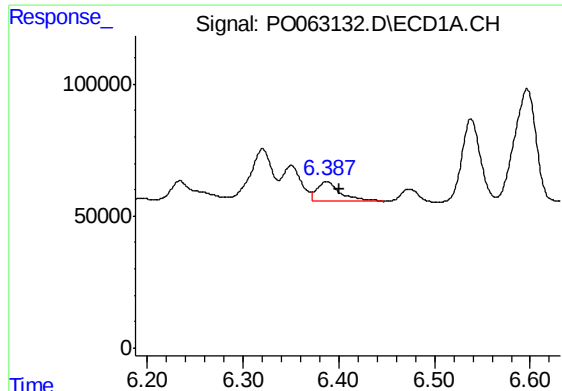
#19 AR-1242-4

R.T.: 5.628 min
Delta R.T.: -0.041 min
Response: 68576
Conc: 50.80 ng/ml



#19 AR-1242-4

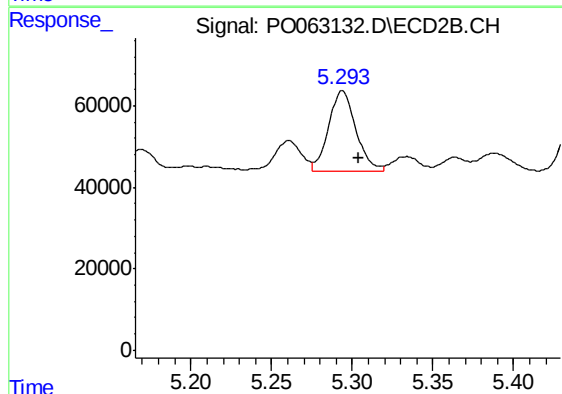
R.T.: 4.787 min
Delta R.T.: -0.011 min
Response: 21868
Conc: 23.16 ng/ml



#20 AR-1242-5

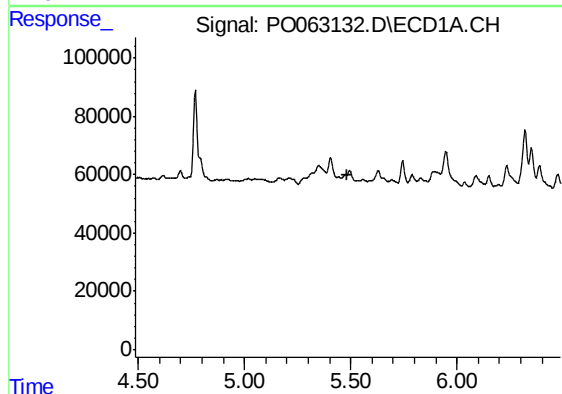
R.T.: 6.387 min
Delta R.T.: -0.014 min
Response: 129606
Conc: 84.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



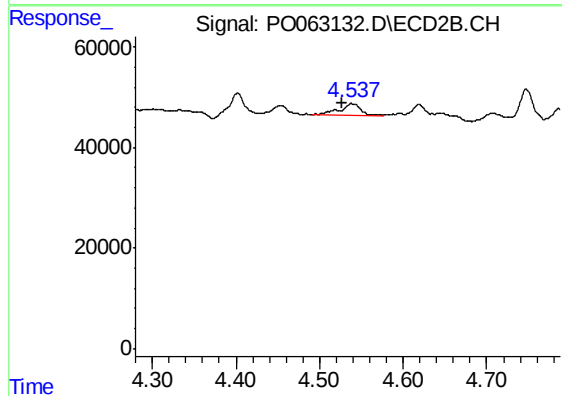
#20 AR-1242-5

R.T.: 5.294 min
Delta R.T.: -0.011 min
Response: 232163
Conc: 194.56 ng/ml



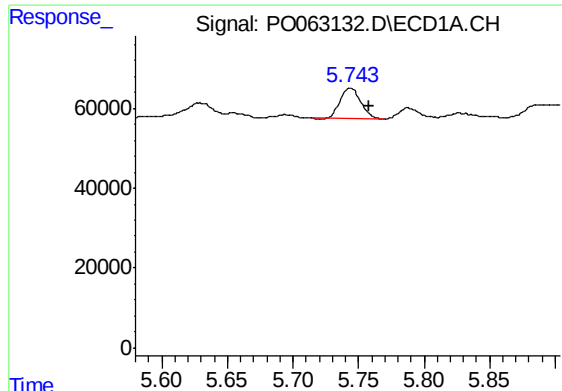
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.487 min
Response: 0
Conc: N.D.



#21 AR-1248-1

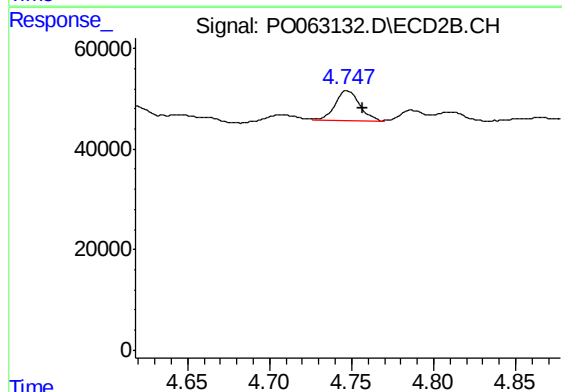
R.T.: 4.538 min
Delta R.T.: 0.011 min
Response: 43598
Conc: 44.41 ng/ml



#22 AR-1248-2

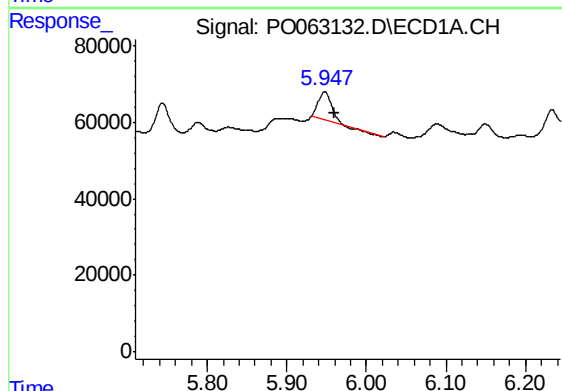
R.T.: 5.744 min
Delta R.T.: -0.014 min
Response: 84313
Conc: 42.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



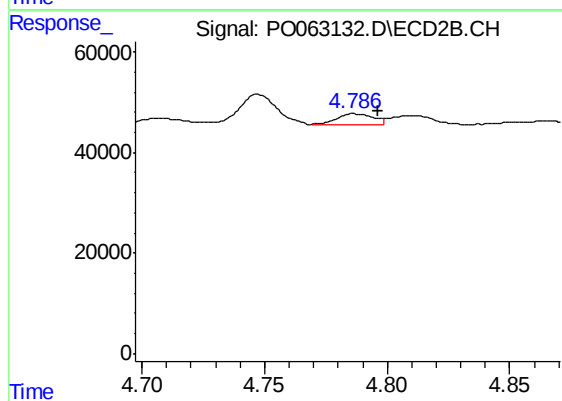
#22 AR-1248-2

R.T.: 4.747 min
Delta R.T.: -0.009 min
Response: 61437
Conc: 48.49 ng/ml



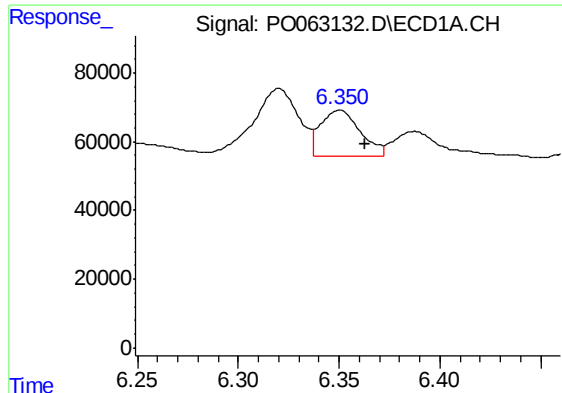
#23 AR-1248-3

R.T.: 5.948 min
Delta R.T.: -0.013 min
Response: 76531
Conc: 34.65 ng/ml



#23 AR-1248-3

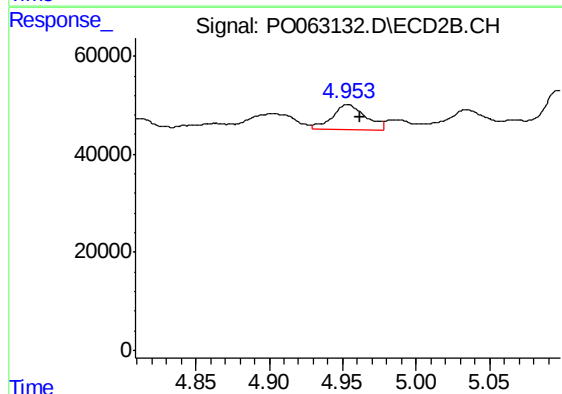
R.T.: 4.787 min
Delta R.T.: -0.010 min
Response: 21868
Conc: 16.47 ng/ml



#24 AR-1248-4

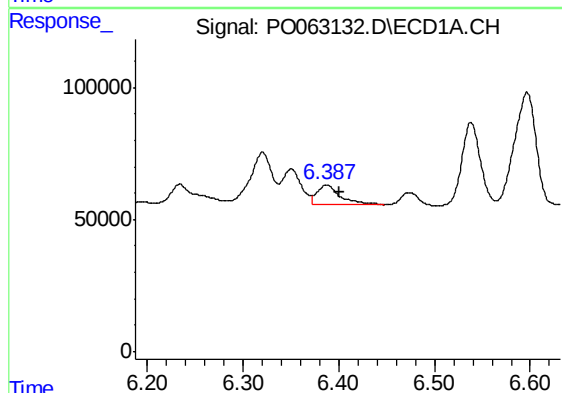
R.T.: 6.350 min
Delta R.T.: -0.012 min
Response: 188392
Conc: 73.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



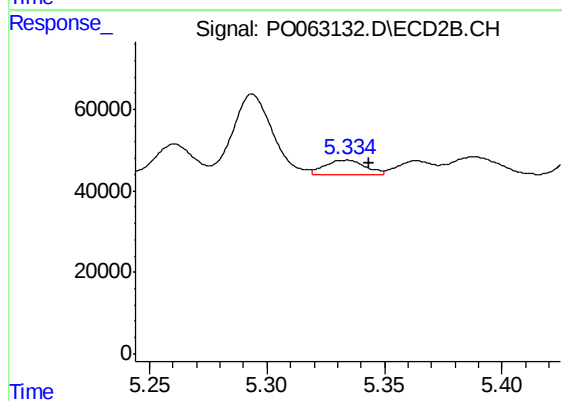
#24 AR-1248-4

R.T.: 4.953 min
Delta R.T.: -0.009 min
Response: 81098
Conc: 51.25 ng/ml



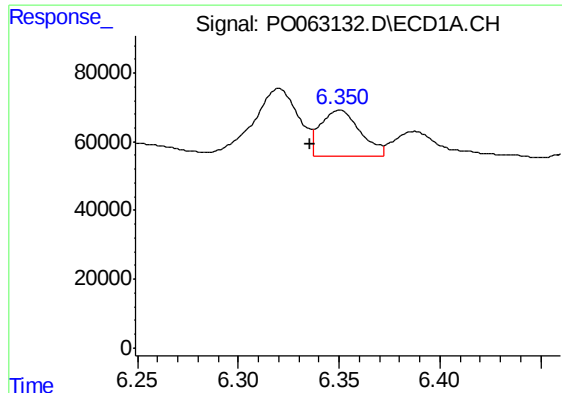
#25 AR-1248-5

R.T.: 6.387 min
Delta R.T.: -0.014 min
Response: 129606
Conc: 53.01 ng/ml



#25 AR-1248-5

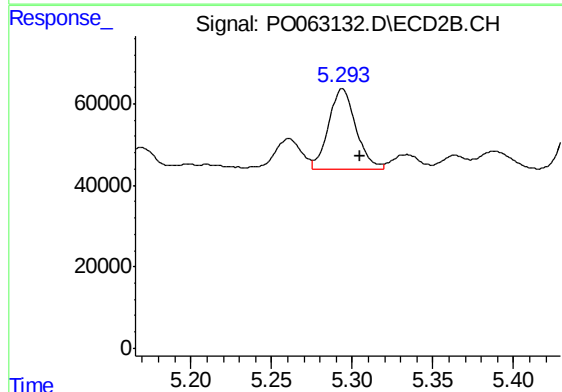
R.T.: 5.334 min
Delta R.T.: -0.010 min
Response: 44061
Conc: 28.63 ng/ml



#26 AR-1254-1

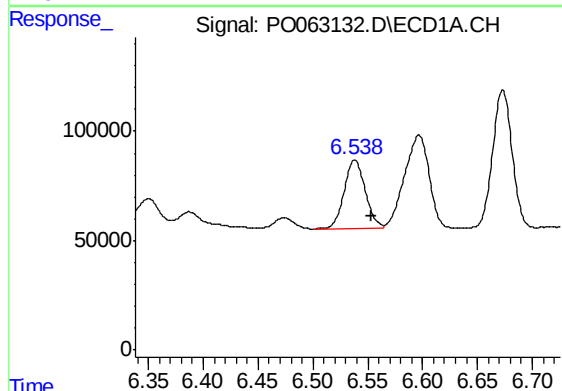
R.T.: 6.350 min
Delta R.T.: 0.015 min
Response: 188392
Conc: 70.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



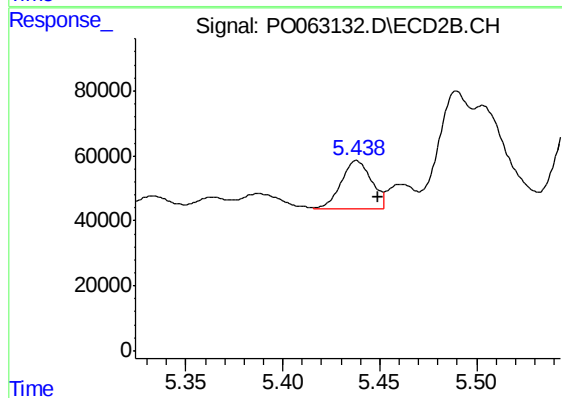
#26 AR-1254-1

R.T.: 5.294 min
Delta R.T.: -0.011 min
Response: 232163
Conc: 94.92 ng/ml



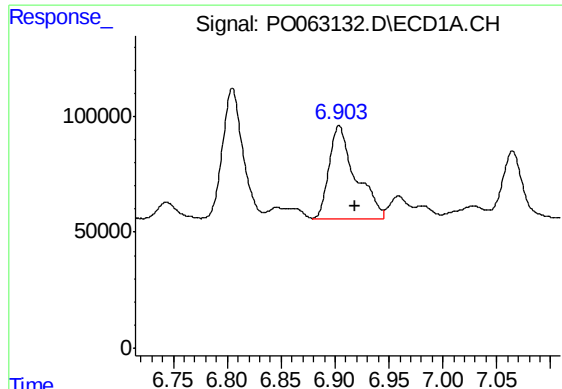
#27 AR-1254-2

R.T.: 6.538 min
Delta R.T.: -0.015 min
Response: 425452
Conc: 104.06 ng/ml



#27 AR-1254-2

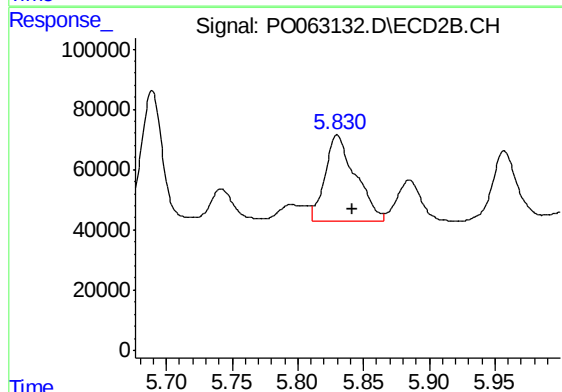
R.T.: 5.438 min
Delta R.T.: -0.011 min
Response: 164681
Conc: 77.76 ng/ml



#28 AR-1254-3

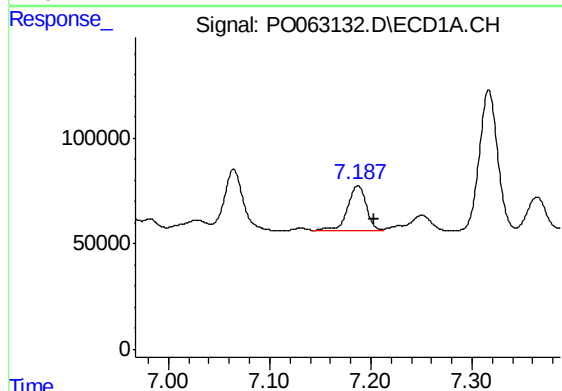
R.T.: 6.904 min
Delta R.T.: -0.014 min
Response: 687928
Conc: 164.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



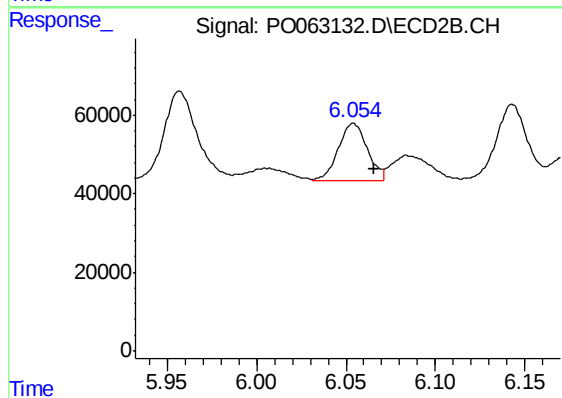
#28 AR-1254-3

R.T.: 5.830 min
Delta R.T.: -0.012 min
Response: 459475
Conc: 141.02 ng/ml



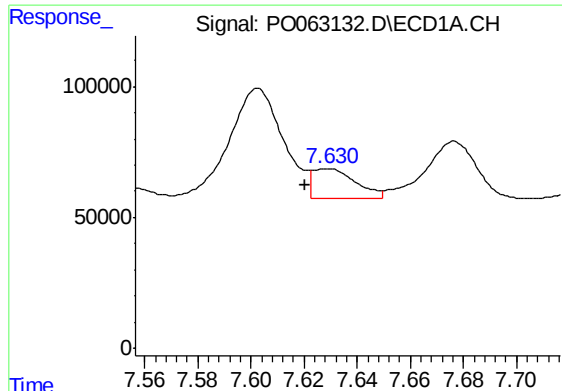
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: -0.016 min
Response: 286805
Conc: 95.18 ng/ml



#29 AR-1254-4

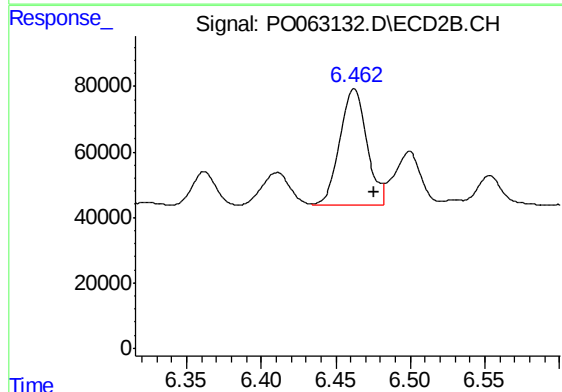
R.T.: 6.054 min
Delta R.T.: -0.012 min
Response: 166105
Conc: 86.00 ng/ml



#30 AR-1254-5

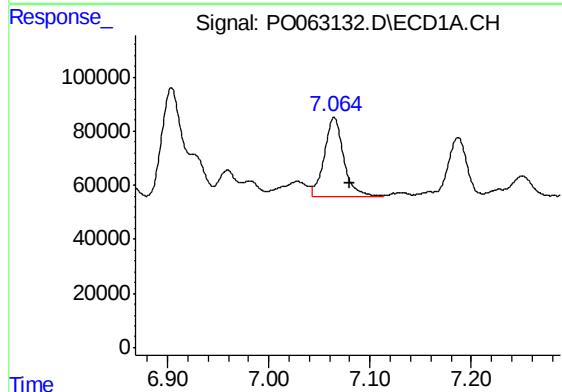
R.T.: 7.629 min
Delta R.T.: 0.009 min
Response: 126844
Conc: 40.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



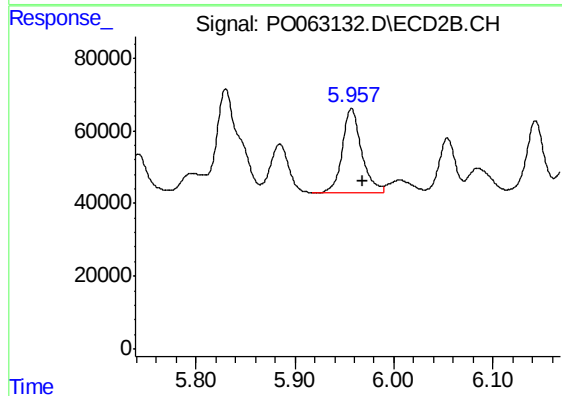
#30 AR-1254-5

R.T.: 6.462 min
Delta R.T.: -0.013 min
Response: 444176
Conc: 168.17 ng/ml



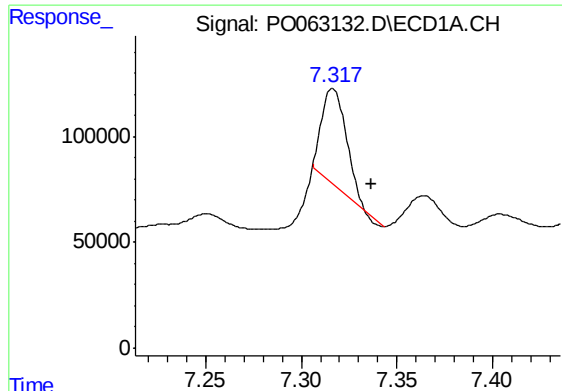
#31 AR-1260-1

R.T.: 7.065 min
Delta R.T.: -0.015 min
Response: 387311
Conc: 136.04 ng/ml



#31 AR-1260-1

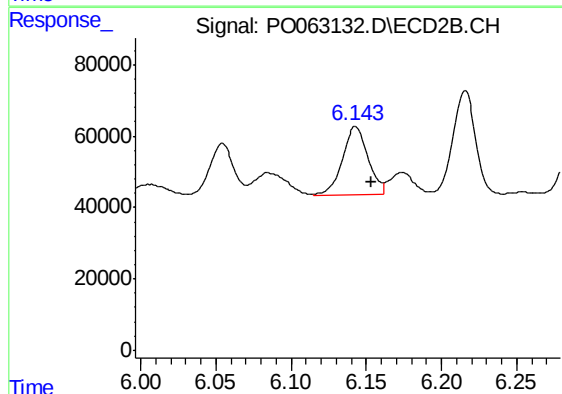
R.T.: 5.957 min
Delta R.T.: -0.011 min
Response: 315730
Conc: 148.60 ng/ml



#32 AR-1260-2

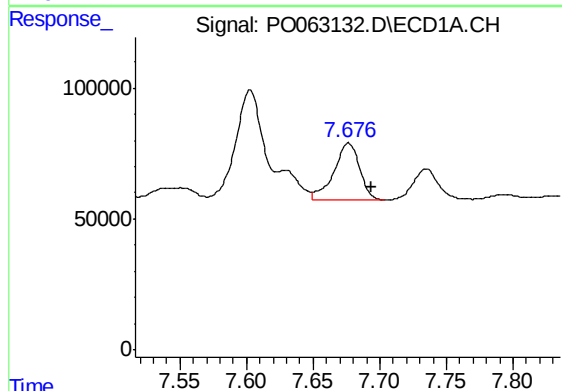
R.T.: 7.316 min
Delta R.T.: -0.020 min
Response: 402056
Conc: 117.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



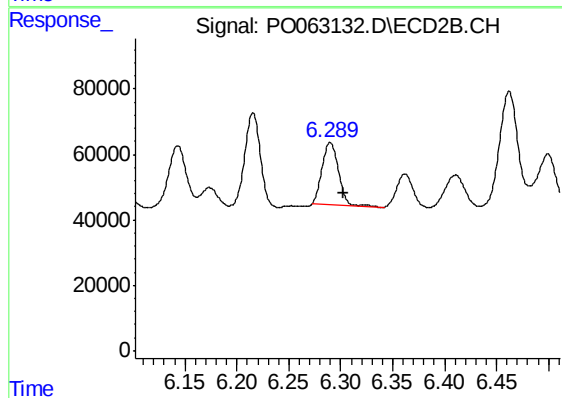
#32 AR-1260-2

R.T.: 6.143 min
Delta R.T.: -0.011 min
Response: 230858
Conc: 90.97 ng/ml



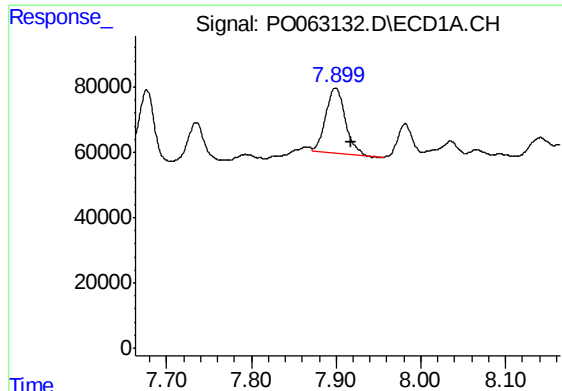
#33 AR-1260-3

R.T.: 7.676 min
Delta R.T.: -0.017 min
Response: 293735
Conc: 111.01 ng/ml



#33 AR-1260-3

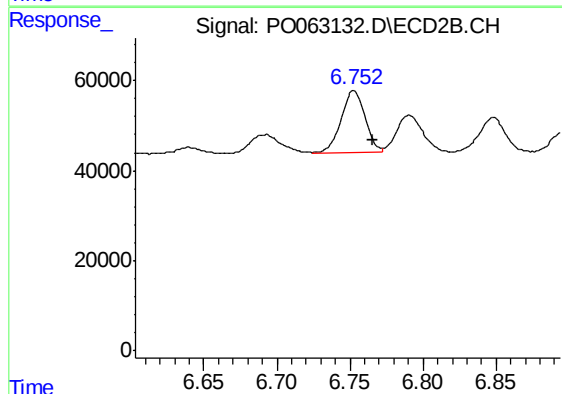
R.T.: 6.290 min
Delta R.T.: -0.013 min
Response: 206193
Conc: 91.31 ng/ml



#34 AR-1260-4

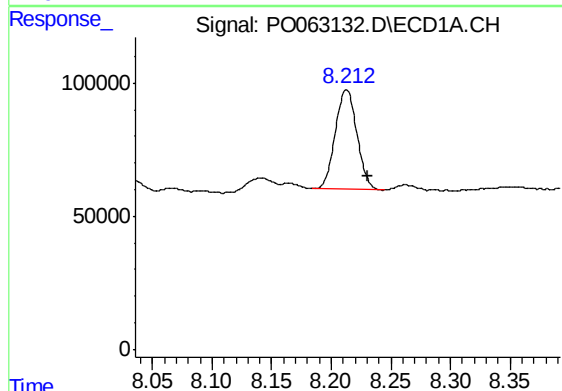
R.T.: 7.899 min
Delta R.T.: -0.019 min
Response: 317470
Conc: 113.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



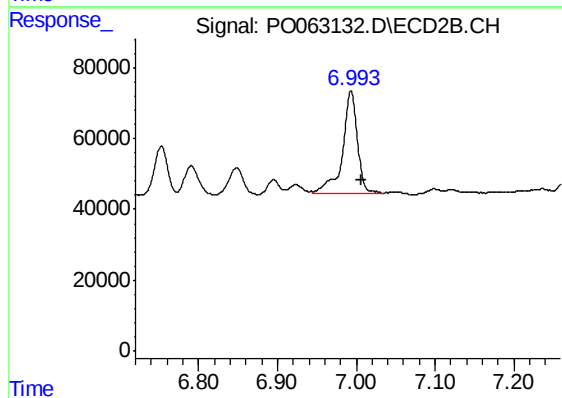
#34 AR-1260-4

R.T.: 6.753 min
Delta R.T.: -0.013 min
Response: 159140
Conc: 90.63 ng/ml



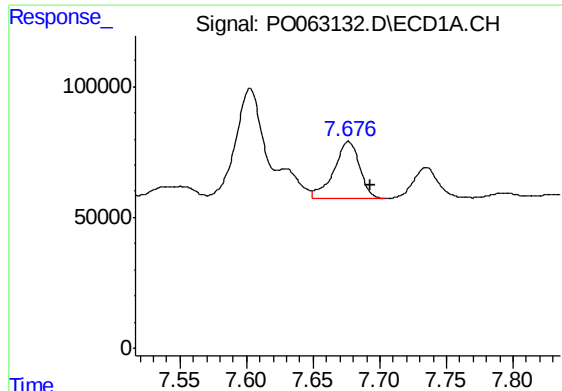
#35 AR-1260-5

R.T.: 8.213 min
Delta R.T.: -0.017 min
Response: 475961
Conc: 90.91 ng/ml



#35 AR-1260-5

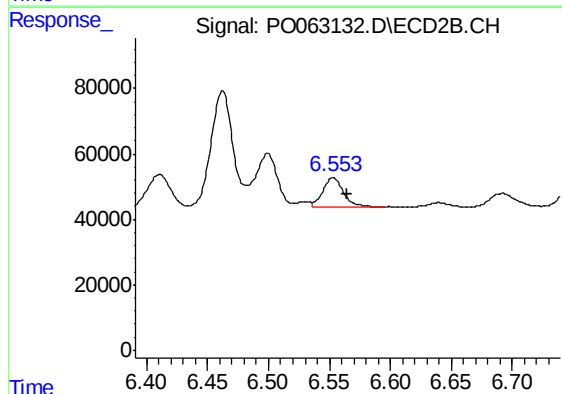
R.T.: 6.993 min
Delta R.T.: -0.013 min
Response: 384997
Conc: 106.87 ng/ml



#36 AR-1262-1

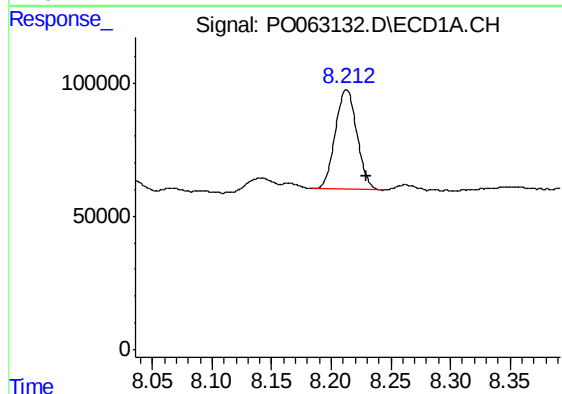
R.T.: 7.676 min
Delta R.T.: -0.017 min
Response: 293735
Conc: 71.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



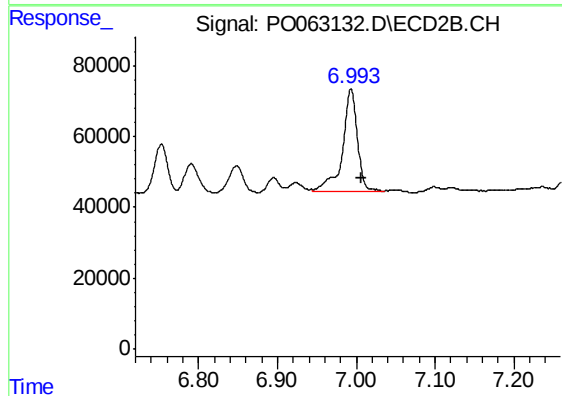
#36 AR-1262-1

R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 105916
Conc: 88.87 ng/ml



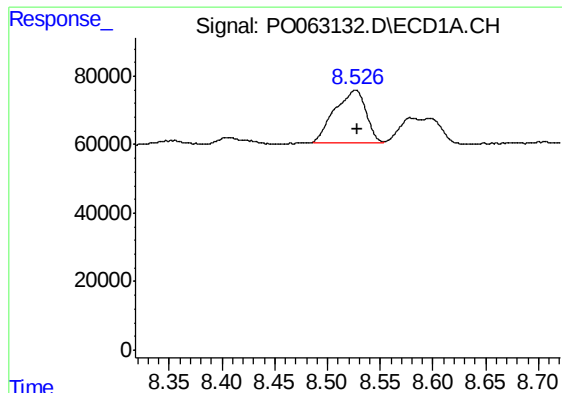
#37 AR-1262-2

R.T.: 8.213 min
Delta R.T.: -0.016 min
Response: 475961
Conc: 73.81 ng/ml



#37 AR-1262-2

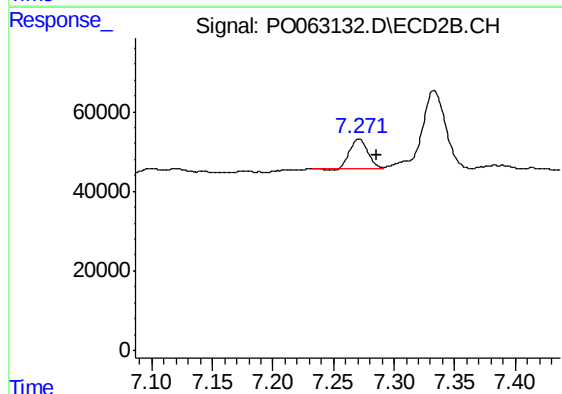
R.T.: 6.993 min
Delta R.T.: -0.014 min
Response: 384997
Conc: 91.63 ng/ml



#38 AR-1262-3

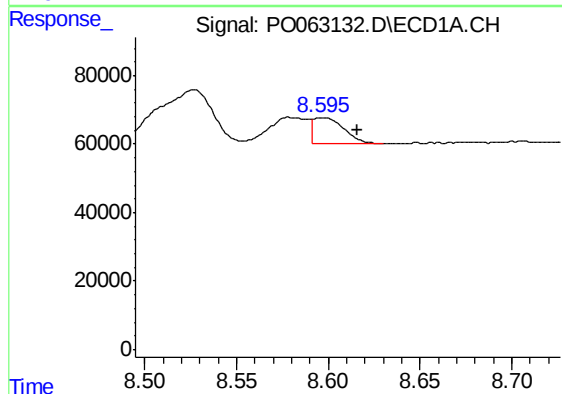
R.T.: 8.527 min
Delta R.T.: -0.001 min
Response: 318030
Conc: 72.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



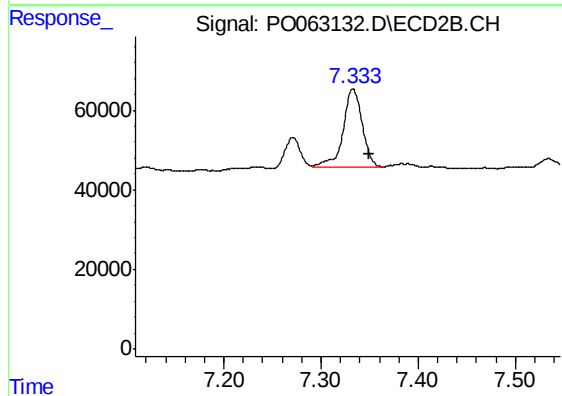
#38 AR-1262-3

R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 75627
Conc: 43.00 ng/ml



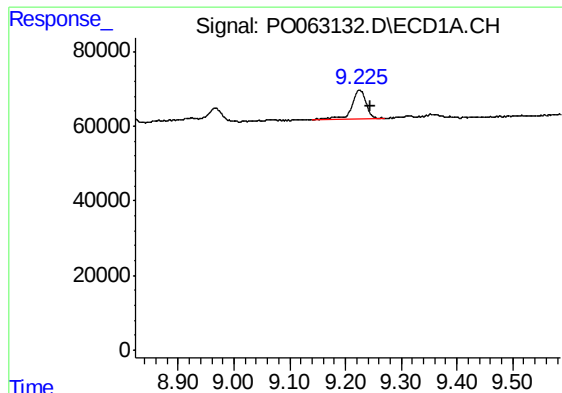
#39 AR-1262-4

R.T.: 8.596 min
Delta R.T.: -0.019 min
Response: 86201
Conc: 24.95 ng/ml



#39 AR-1262-4

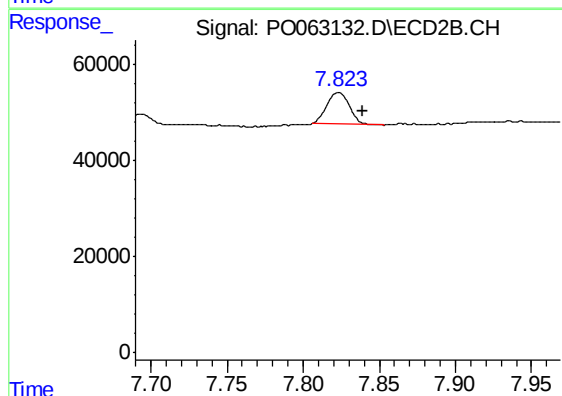
R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 270890
Conc: 88.61 ng/ml



#40 AR-1262-5

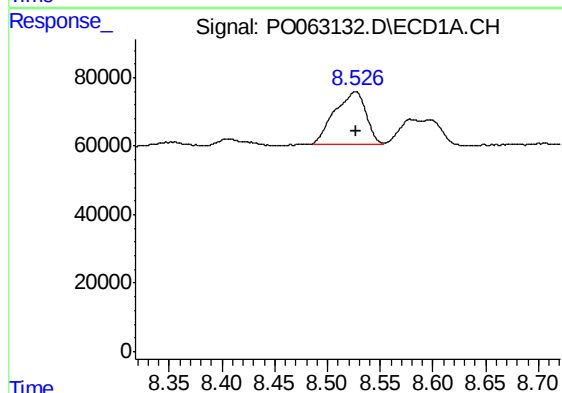
R.T.: 9.225 min
Delta R.T.: -0.020 min
Response: 138964
Conc: 61.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



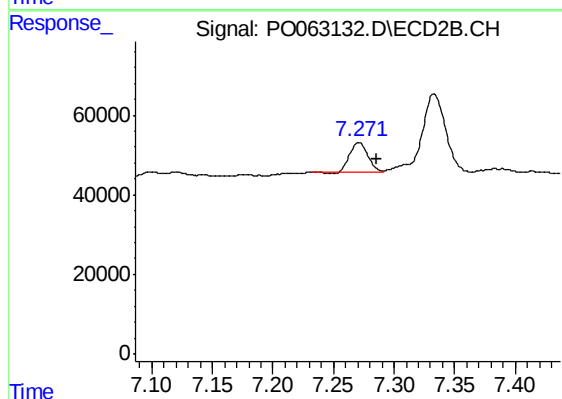
#40 AR-1262-5

R.T.: 7.823 min
Delta R.T.: -0.016 min
Response: 68920
Conc: 52.77 ng/ml



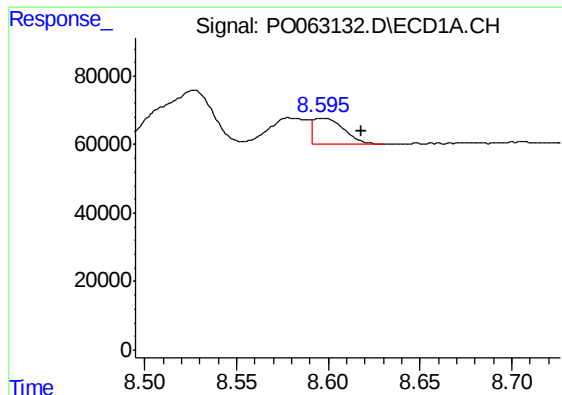
#41 AR-1268-1

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 318030
Conc: 42.01 ng/ml



#41 AR-1268-1

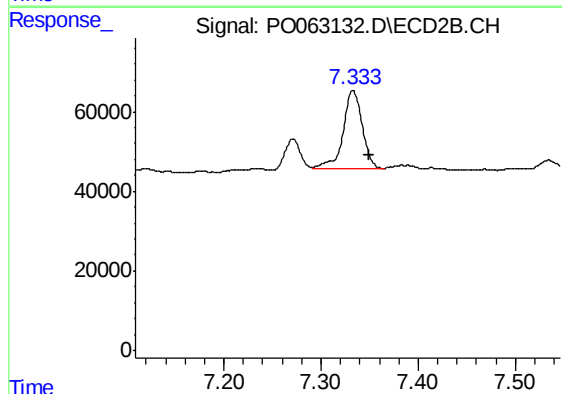
R.T.: 7.271 min
Delta R.T.: -0.014 min
Response: 75627
Conc: 16.15 ng/ml



#42 AR-1268-2

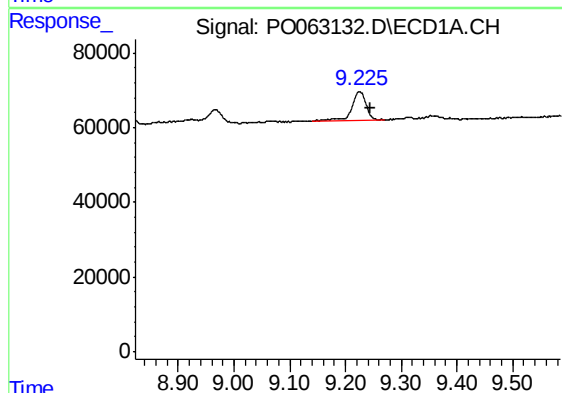
R.T.: 8.596 min
Delta R.T.: -0.022 min
Response: 86201
Conc: 12.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



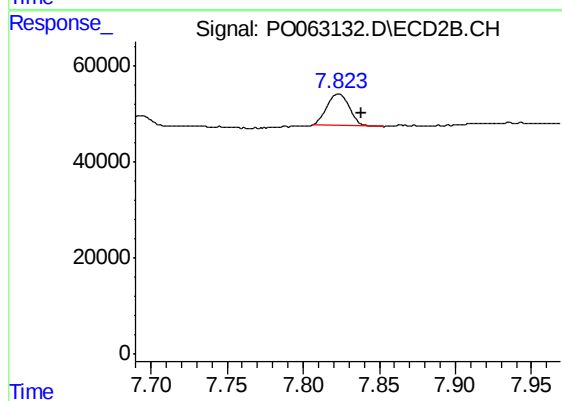
#42 AR-1268-2

R.T.: 7.333 min
Delta R.T.: -0.017 min
Response: 270890
Conc: 64.84 ng/ml



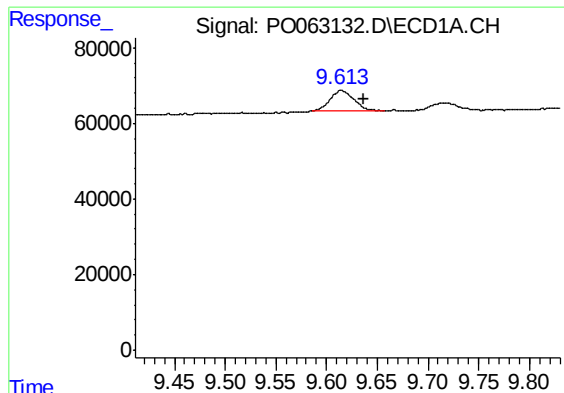
#44 AR-1268-4

R.T.: 9.225 min
Delta R.T.: -0.020 min
Response: 138964
Conc: 58.49 ng/ml



#44 AR-1268-4

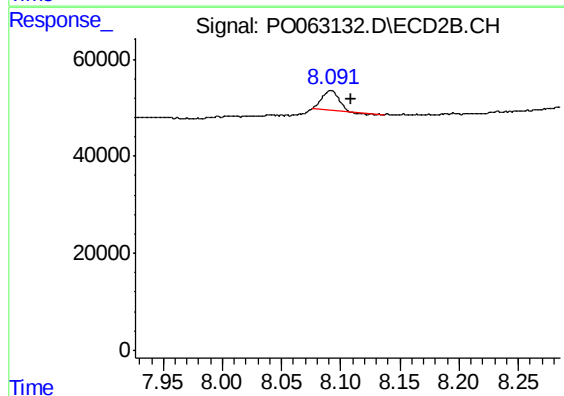
R.T.: 7.823 min
Delta R.T.: -0.015 min
Response: 68920
Conc: 48.37 ng/ml



#45 AR-1268-5

R.T.: 9.614 min
Delta R.T.: -0.023 min
Response: 92701
Conc: 5.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
197-74-(0-1)



#45 AR-1268-5

R.T.: 8.092 min
Delta R.T.: -0.017 min
Response: 39563
Conc: 4.27 ng/ml