

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102319\
 Data File : P0063094.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Oct 2019 1:48
 Operator : HP/AJ
 Sample : K5498-17
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 193-10-(0-1)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 03:34:36 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...	4.314	3.476	1229756	901712	19.884	21.028
2)	SA Decachlor...	9.933	8.323	872003	468784	15.585	15.977
Target Compounds							
3)	L1 AR-1016-1	5.495	0.000	83837	0	35.424	N.D. #
4)	L1 AR-1016-2	5.495	0.000	83837	0	24.613	N.D. #
5)	L1 AR-1016-3	5.629	4.711	97977	41042	47.345	33.204 #
6)	L1 AR-1016-4	5.629	4.749	97977	36568	57.807	37.212 #
10)	L2 AR-1221-3	0.000	3.890	0	105605	N.D.	89.739 #
11)	L3 AR-1232-1	0.000	3.890	0	105605	N.D.	68.153 #
12)	L3 AR-1232-2	5.186	0.000	255741	0	214.350	N.D. #
13)	L3 AR-1232-3	5.495	4.711	83837	41042	32.771	44.902 #
14)	L3 AR-1232-4	5.629	4.749	97977	36568	76.218	44.950 #
15)	L3 AR-1232-5	5.744	0.000	96756	0	97.761	N.D. #
16)	L4 AR-1242-1	5.495	0.000	83837	0	45.244	N.D. #
17)	L4 AR-1242-2	5.495	0.000	83837	0	31.604	N.D. #
18)	L4 AR-1242-3	5.629	4.711	97977	41042	59.993	43.110 #
19)	L4 AR-1242-4	5.629	4.749	97977	36568	72.577	38.736 #
20)	L4 AR-1242-5	6.391	5.298	164365	495658	107.538	415.376 #
21)	L5 AR-1248-1	5.495	0.000	83837	0	58.495	N.D. #
22)	L5 AR-1248-2	5.744	4.749	96756	36568	48.326	28.864 #
23)	L5 AR-1248-3	0.000	4.749	0	36568	N.D.	27.547 #
24)	L5 AR-1248-4	6.391	0.000	164365	0	64.339	N.D. #
25)	L5 AR-1248-5	6.391	5.323	164365	82053	67.221	53.316
26)	L6 AR-1254-1	6.324	5.298	829617	495658	311.228	202.657 #
27)	L6 AR-1254-2	6.540	5.439	680915	185273	166.545	87.481 #
28)	L6 AR-1254-3	6.904	5.832	1032099	960587	246.672	294.825
29)	L6 AR-1254-4	7.187	6.056	296188	118018	98.293	61.104 #
30)	L6 AR-1254-5	7.634	6.464	167052	661028	53.305	250.276 #
31)	L7 AR-1260-1	7.065	5.959	659592	493650	231.669	232.335
32)	L7 AR-1260-2	7.318	6.144	744412	417389	216.995	164.480
33)	L7 AR-1260-3	7.677	6.291	373014	400994	140.966	177.580 #
34)	L7 AR-1260-4	7.898	6.754	532680	193757	190.444	110.350 #
35)	L7 AR-1260-5	8.214	6.996	623000	501543	118.993	139.223
36)	L8 AR-1262-1	7.677	6.555	373014	136889	90.871	114.862 #
37)	L8 AR-1262-2	8.214	6.996	623000	501543	96.618	119.364
38)	L8 AR-1262-3	8.527	7.273	443569	111415	100.872	63.347 #
39)	L8 AR-1262-4	8.581	7.335	266311	360836	77.081	118.031 #
40)	L8 AR-1262-5	9.226	7.825	214252	103539	94.857	79.278
41)	L9 AR-1268-1	8.527	7.273	443569	111415	58.596	23.792 #
42)	L9 AR-1268-2	8.581	7.335	266311	360836	37.910	86.371 #
44)	L9 AR-1268-4	9.226	7.825	214252	103539	90.173	72.666
45)	L9 AR-1268-5	9.616	8.094	113184	61495	6.280	6.643

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Acq On : 24 Oct 2019 1:48
Operator : HP/AJ
Sample : K5498-17
Misc :
ALS Vial : 42 Sample Multiplier: 1

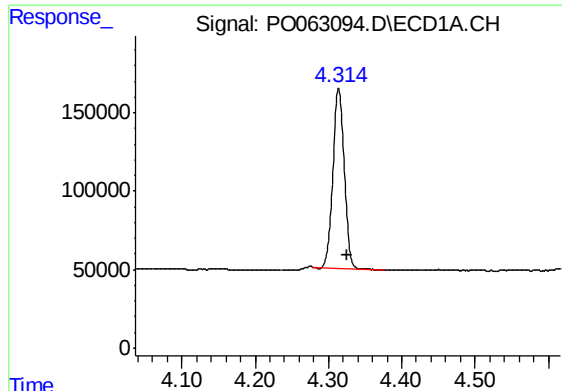
Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 03:34:36 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
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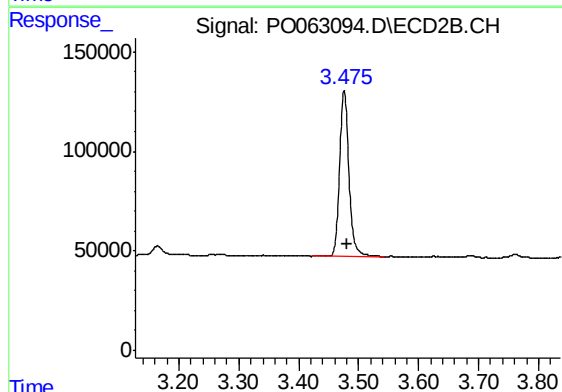
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

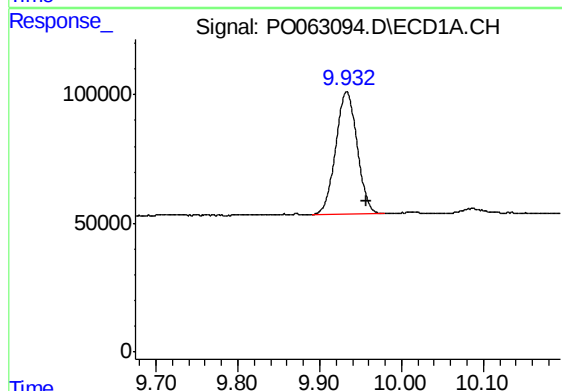
R.T.: 4.314 min
Delta R.T.: -0.011 min
Response: 1229756
Conc: 19.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



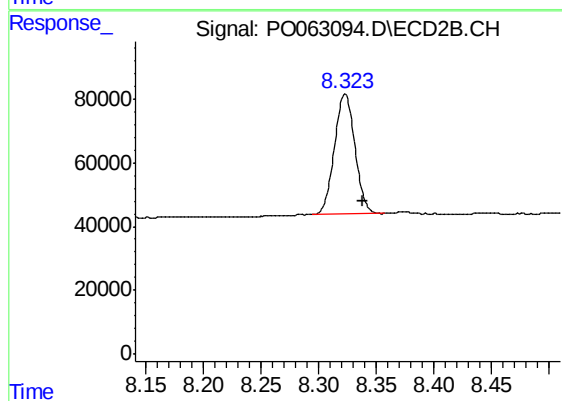
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: -0.005 min
Response: 901712
Conc: 21.03 ng/ml



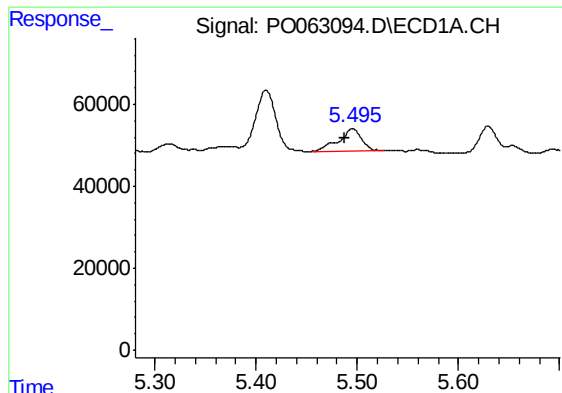
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.024 min
Response: 872003
Conc: 15.58 ng/ml



#2 Decachlorobiphenyl

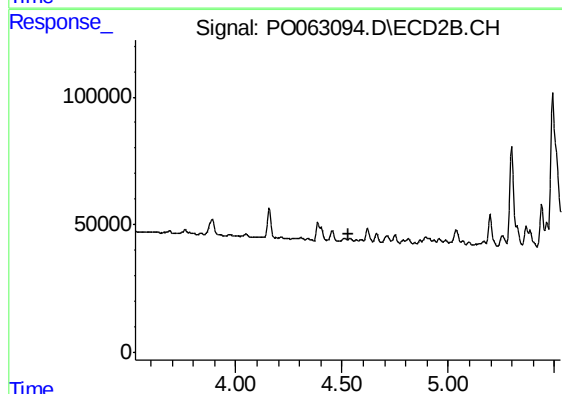
R.T.: 8.323 min
Delta R.T.: -0.015 min
Response: 468784
Conc: 15.98 ng/ml



#3 AR-1016-1

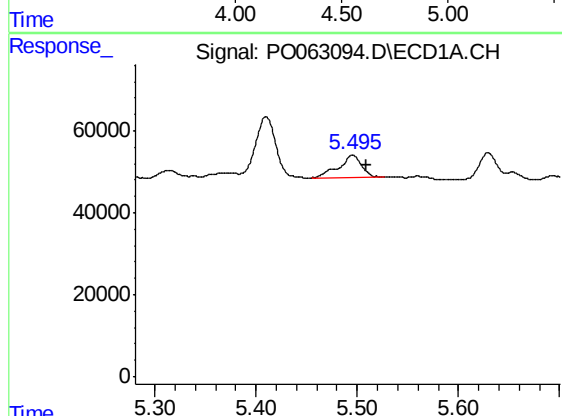
R.T.: 5.495 min
Delta R.T.: 0.008 min
Response: 83837
Conc: 35.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



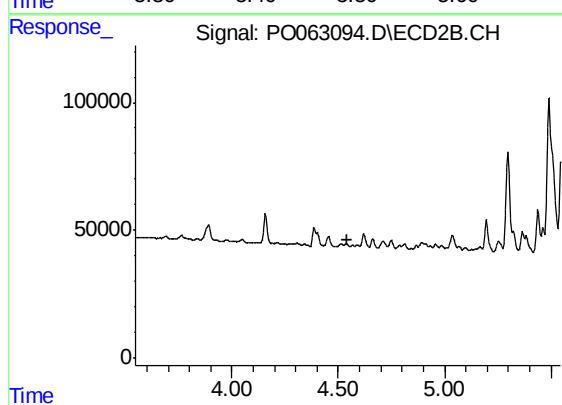
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.528 min
Response: 0
Conc: N.D.



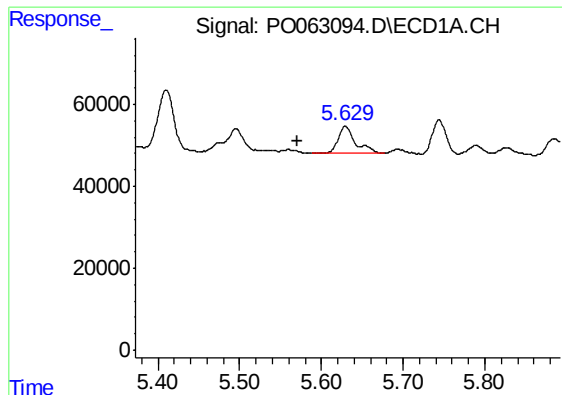
#4 AR-1016-2

R.T.: 5.495 min
Delta R.T.: -0.014 min
Response: 83837
Conc: 24.61 ng/ml



#4 AR-1016-2

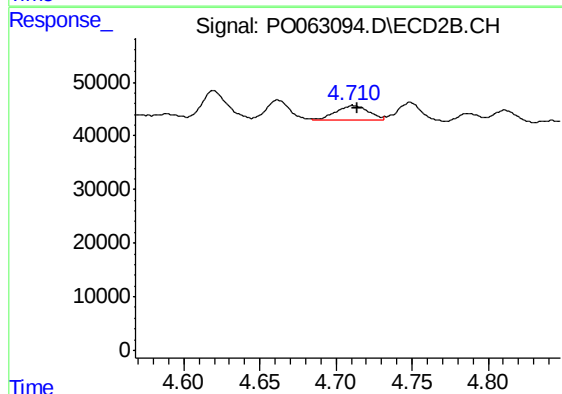
R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#5 AR-1016-3

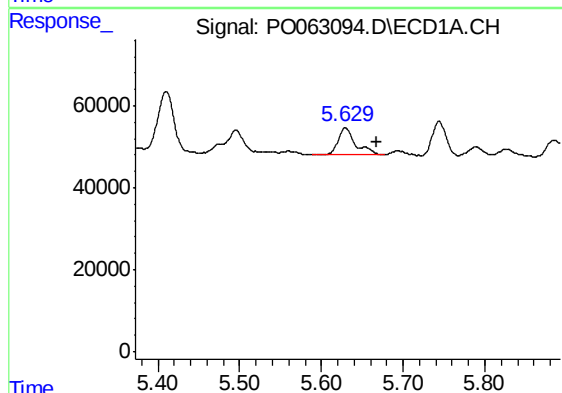
R.T.: 5.629 min
Delta R.T.: 0.058 min
Response: 97977
Conc: 47.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



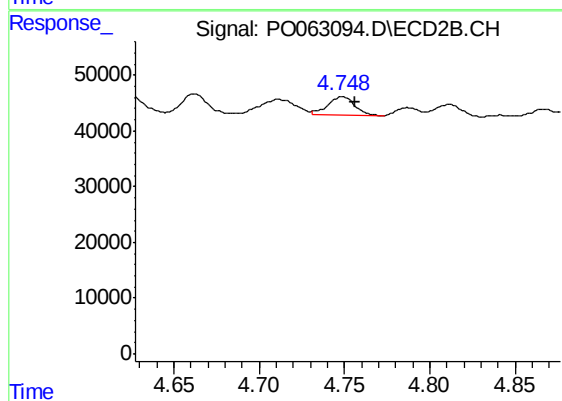
#5 AR-1016-3

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 41042
Conc: 33.20 ng/ml



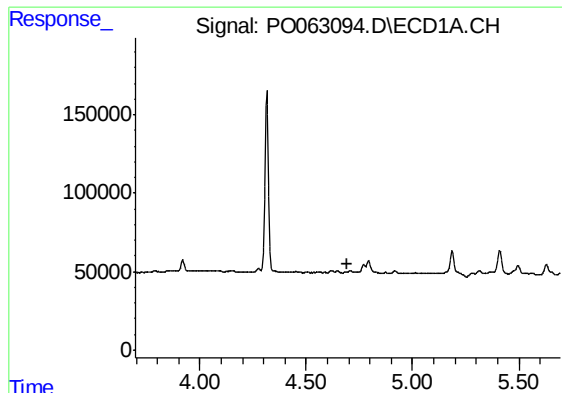
#6 AR-1016-4

R.T.: 5.629 min
Delta R.T.: -0.039 min
Response: 97977
Conc: 57.81 ng/ml



#6 AR-1016-4

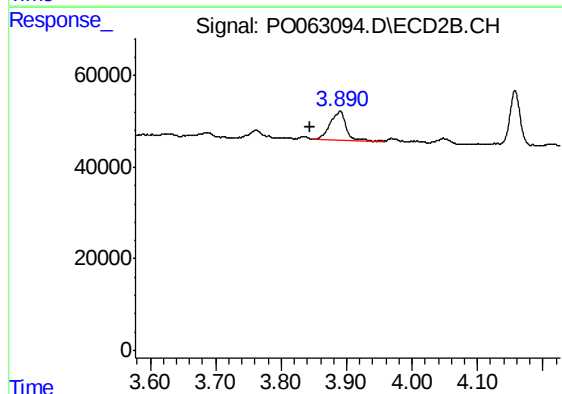
R.T.: 4.749 min
Delta R.T.: -0.007 min
Response: 36568
Conc: 37.21 ng/ml



#10 AR-1221-3

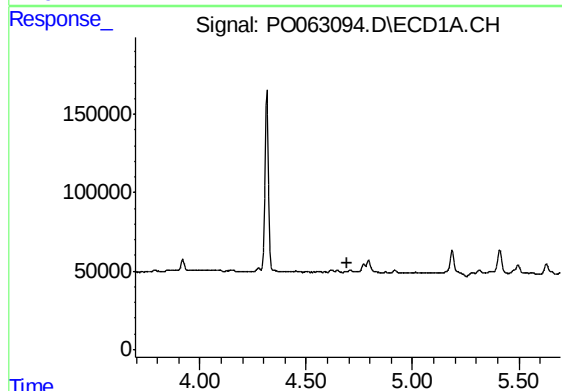
R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



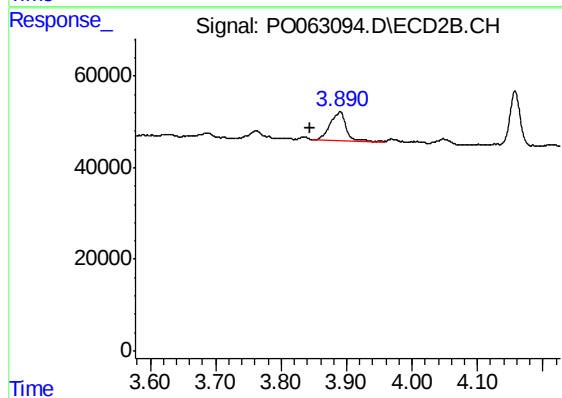
#10 AR-1221-3

R.T.: 3.890 min
Delta R.T.: 0.046 min
Response: 105605
Conc: 89.74 ng/ml



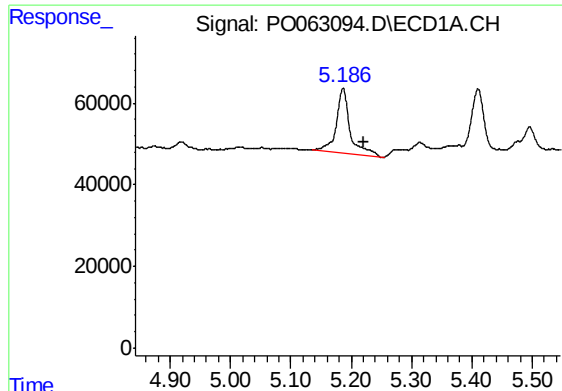
#11 AR-1232-1

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



#11 AR-1232-1

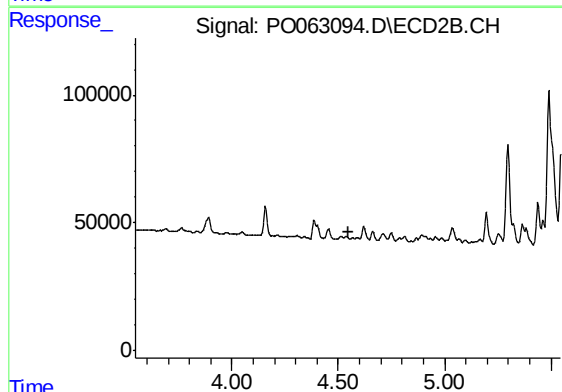
R.T.: 3.890 min
Delta R.T.: 0.046 min
Response: 105605
Conc: 68.15 ng/ml



#12 AR-1232-2

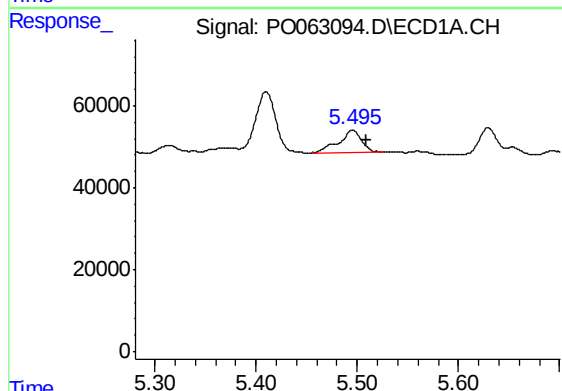
R.T.: 5.186 min
Delta R.T.: -0.035 min
Response: 255741
Conc: 214.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



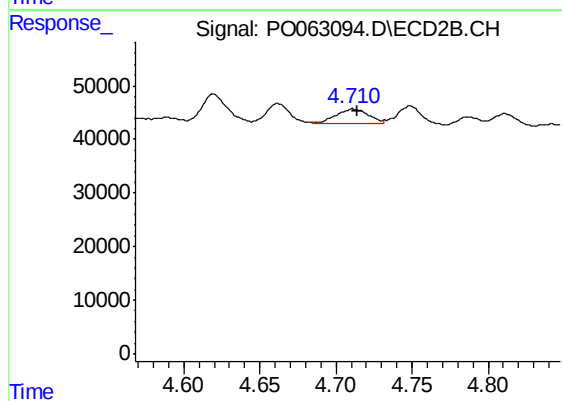
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



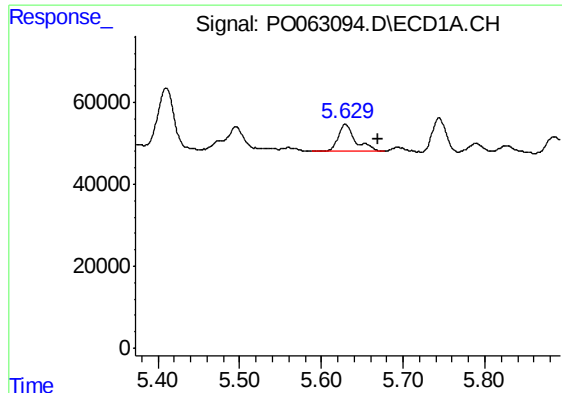
#13 AR-1232-3

R.T.: 5.495 min
Delta R.T.: -0.014 min
Response: 83837
Conc: 32.77 ng/ml



#13 AR-1232-3

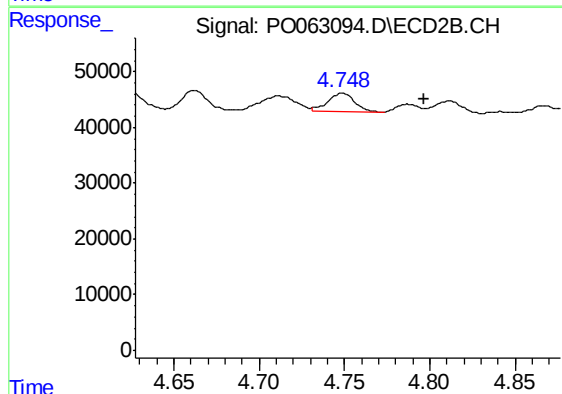
R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 41042
Conc: 44.90 ng/ml



#14 AR-1232-4

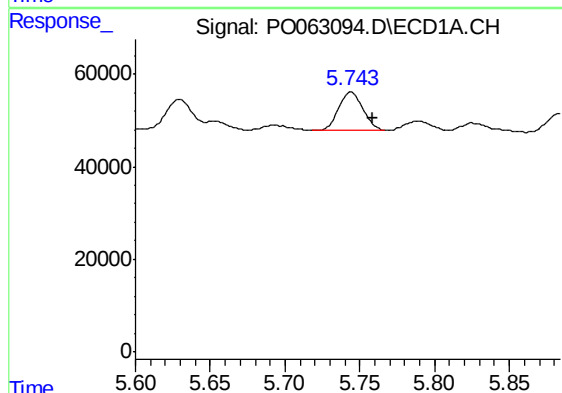
R.T.: 5.629 min
Delta R.T.: -0.040 min
Response: 97977
Conc: 76.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



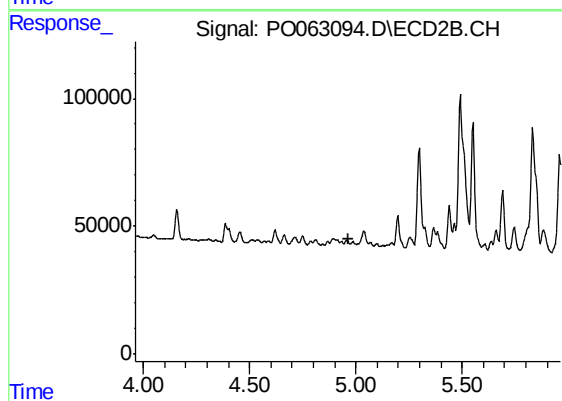
#14 AR-1232-4

R.T.: 4.749 min
Delta R.T.: -0.048 min
Response: 36568
Conc: 44.95 ng/ml



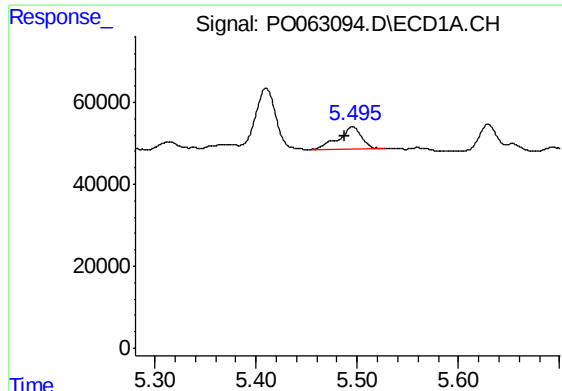
#15 AR-1232-5

R.T.: 5.744 min
Delta R.T.: -0.014 min
Response: 96756
Conc: 97.76 ng/ml



#15 AR-1232-5

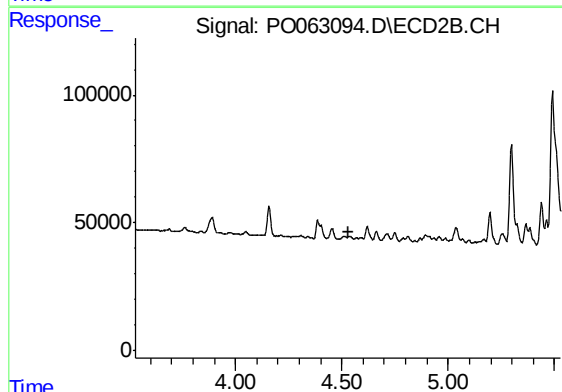
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#16 AR-1242-1

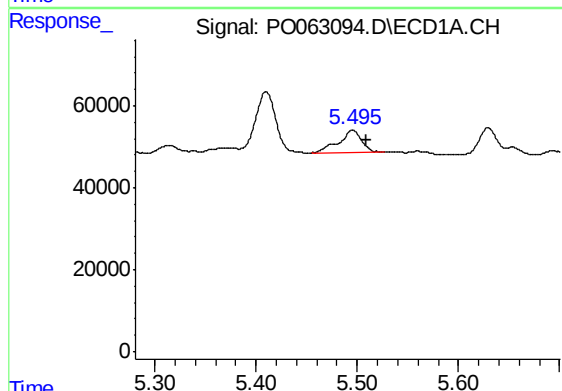
R.T.: 5.495 min
Delta R.T.: 0.008 min
Response: 83837
Conc: 45.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



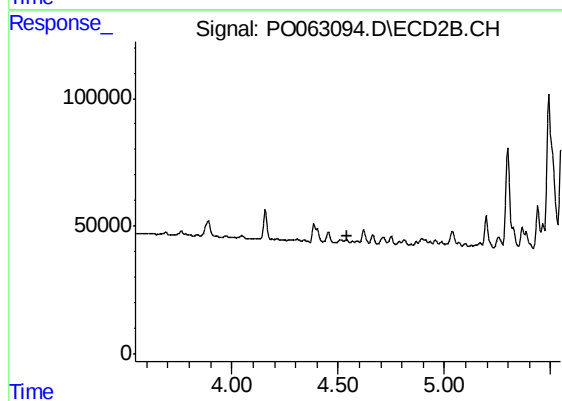
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.529 min
Response: 0
Conc: N.D.



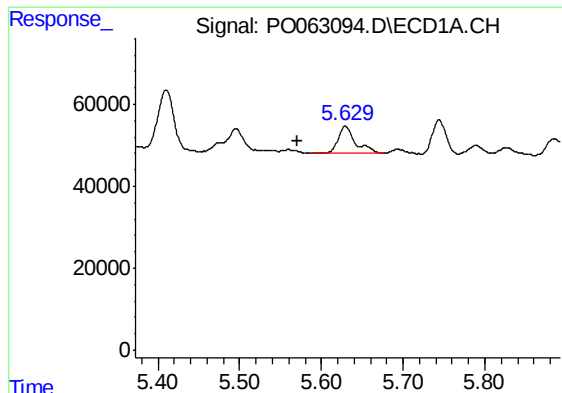
#17 AR-1242-2

R.T.: 5.495 min
Delta R.T.: -0.014 min
Response: 83837
Conc: 31.60 ng/ml



#17 AR-1242-2

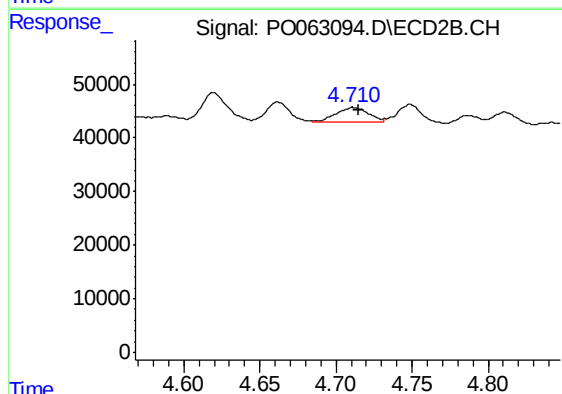
R.T.: 0.000 min
Exp R.T. : 4.546 min
Response: 0
Conc: N.D.



#18 AR-1242-3

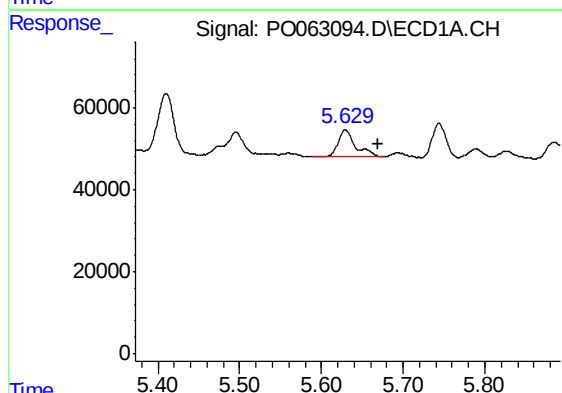
R.T.: 5.629 min
Delta R.T.: 0.059 min
Response: 97977
Conc: 59.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



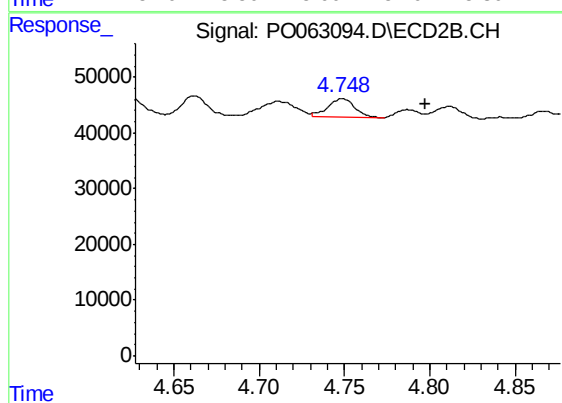
#18 AR-1242-3

R.T.: 4.711 min
Delta R.T.: -0.004 min
Response: 41042
Conc: 43.11 ng/ml



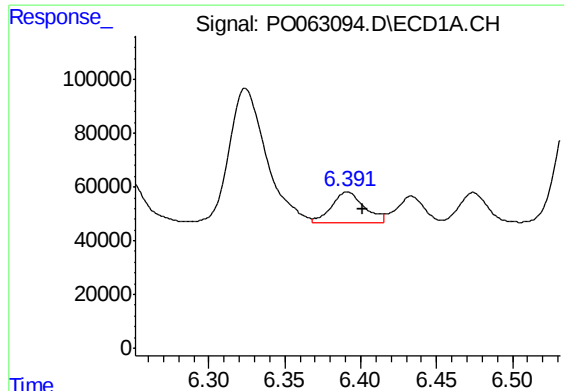
#19 AR-1242-4

R.T.: 5.629 min
Delta R.T.: -0.040 min
Response: 97977
Conc: 72.58 ng/ml



#19 AR-1242-4

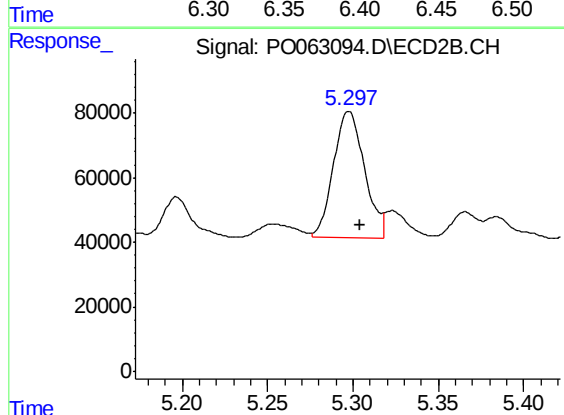
R.T.: 4.749 min
Delta R.T.: -0.049 min
Response: 36568
Conc: 38.74 ng/ml



#20 AR-1242-5

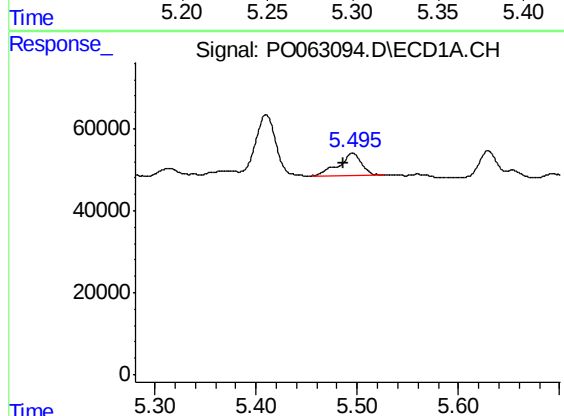
R.T.: 6.391 min
Delta R.T.: -0.010 min
Response: 164365
Conc: 107.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



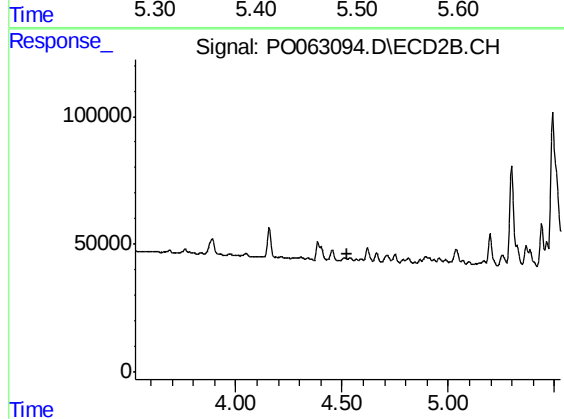
#20 AR-1242-5

R.T.: 5.298 min
Delta R.T.: -0.007 min
Response: 495658
Conc: 415.38 ng/ml



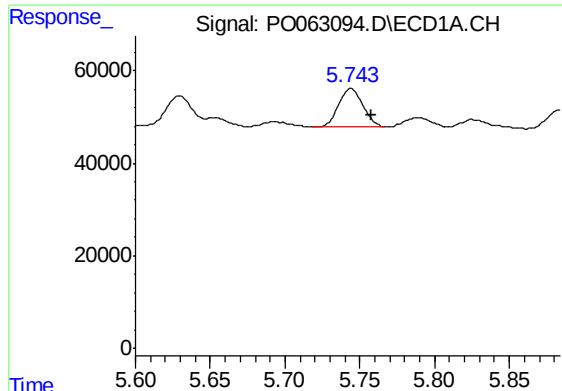
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.008 min
Response: 83837
Conc: 58.49 ng/ml



#21 AR-1248-1

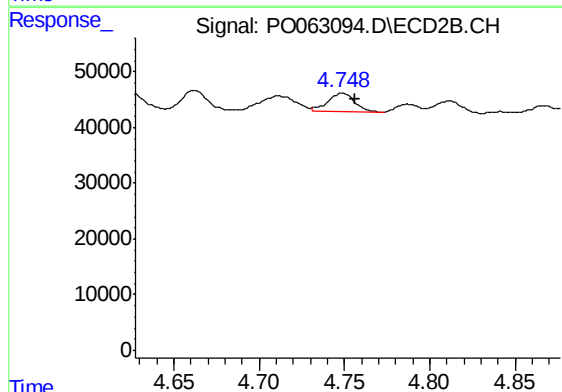
R.T.: 0.000 min
Exp R.T. : 4.528 min
Response: 0
Conc: N.D.



#22 AR-1248-2

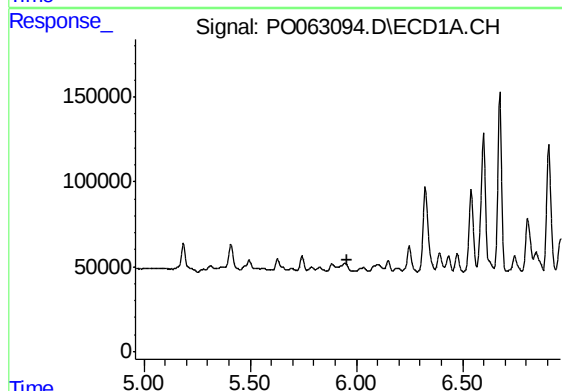
R.T.: 5.744 min
Delta R.T.: -0.014 min
Response: 96756
Conc: 48.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



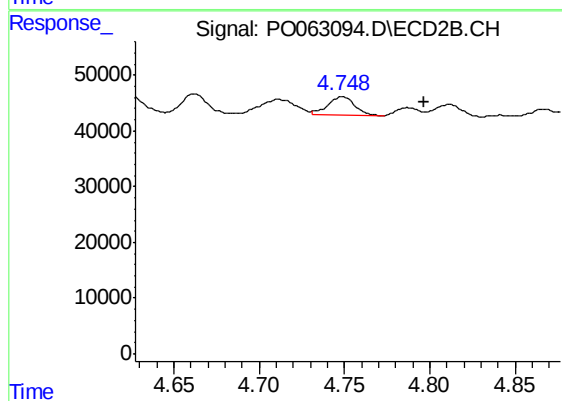
#22 AR-1248-2

R.T.: 4.749 min
Delta R.T.: -0.008 min
Response: 36568
Conc: 28.86 ng/ml



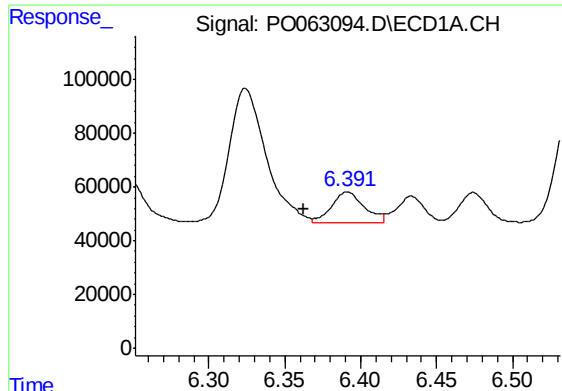
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



#23 AR-1248-3

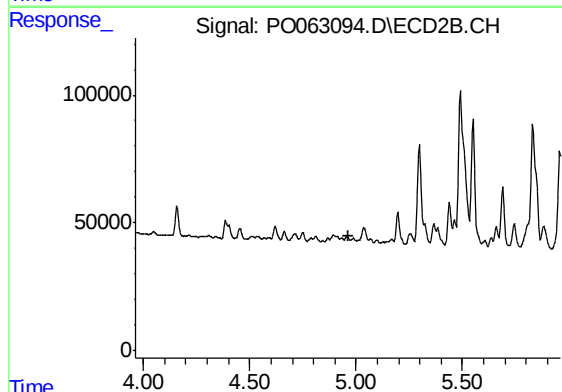
R.T.: 4.749 min
Delta R.T.: -0.048 min
Response: 36568
Conc: 27.55 ng/ml



#24 AR-1248-4

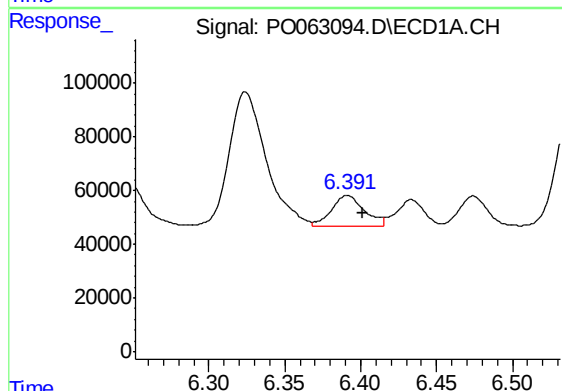
R.T.: 6.391 min
Delta R.T.: 0.029 min
Response: 164365
Conc: 64.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



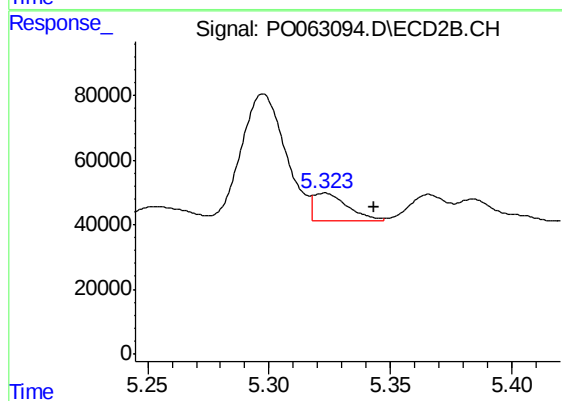
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



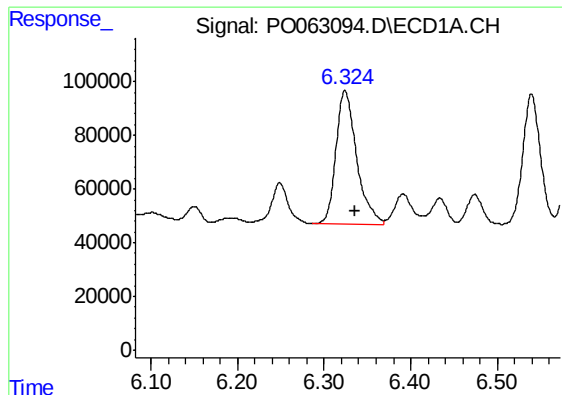
#25 AR-1248-5

R.T.: 6.391 min
Delta R.T.: -0.010 min
Response: 164365
Conc: 67.22 ng/ml



#25 AR-1248-5

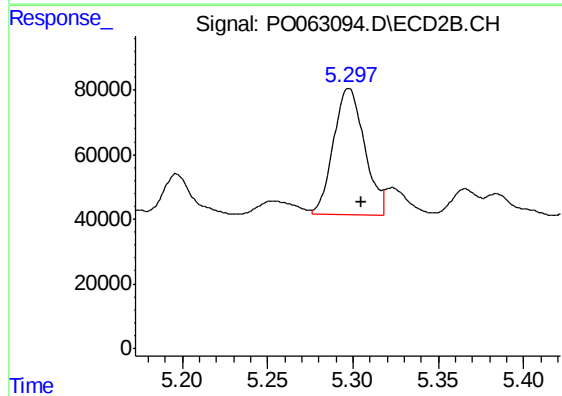
R.T.: 5.323 min
Delta R.T.: -0.021 min
Response: 82053
Conc: 53.32 ng/ml



#26 AR-1254-1

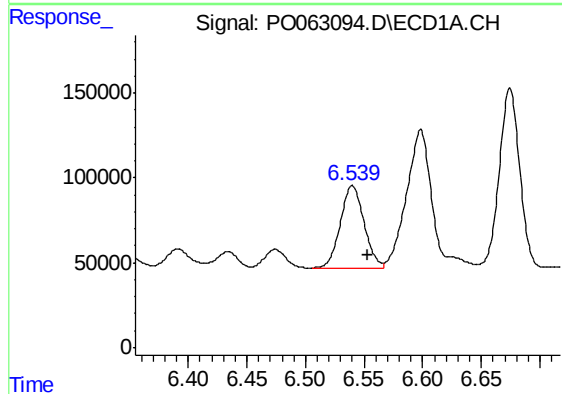
R.T.: 6.324 min
Delta R.T.: -0.011 min
Response: 829617
Conc: 311.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



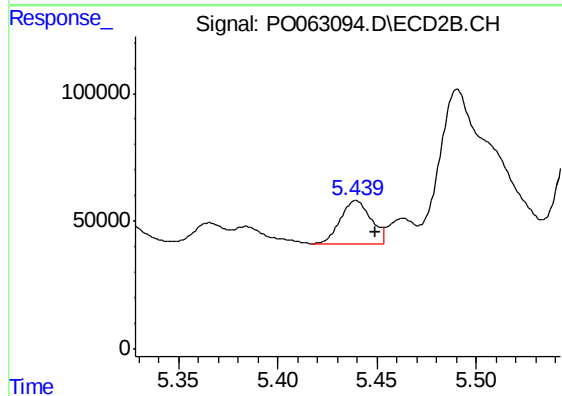
#26 AR-1254-1

R.T.: 5.298 min
Delta R.T.: -0.007 min
Response: 495658
Conc: 202.66 ng/ml



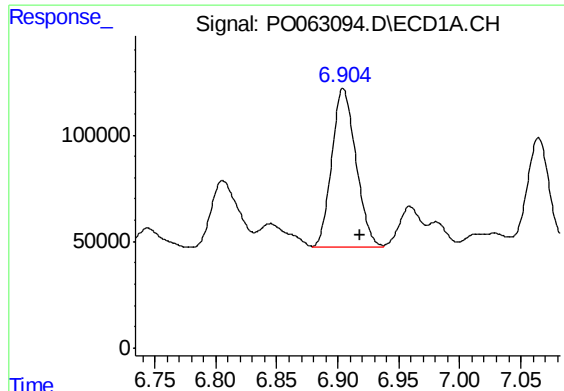
#27 AR-1254-2

R.T.: 6.540 min
Delta R.T.: -0.014 min
Response: 680915
Conc: 166.54 ng/ml



#27 AR-1254-2

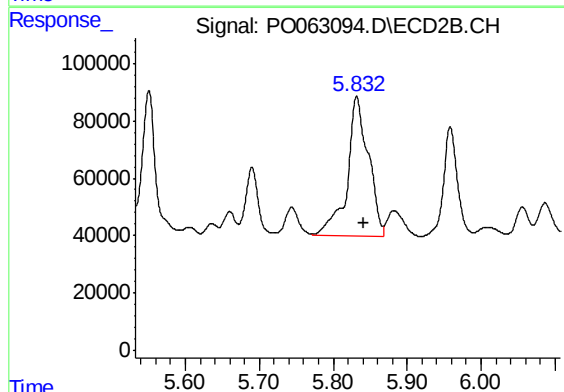
R.T.: 5.439 min
Delta R.T.: -0.009 min
Response: 185273
Conc: 87.48 ng/ml



#28 AR-1254-3

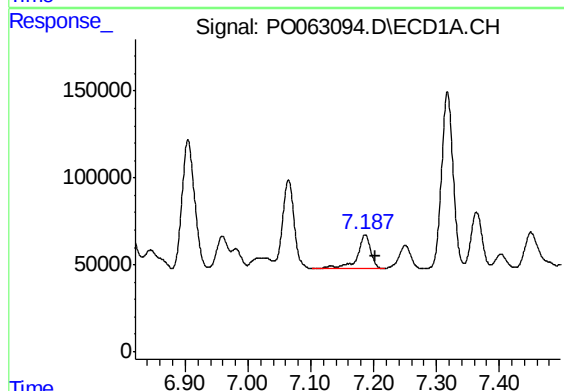
R.T.: 6.904 min
Delta R.T.: -0.014 min
Response: 1032099
Conc: 246.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



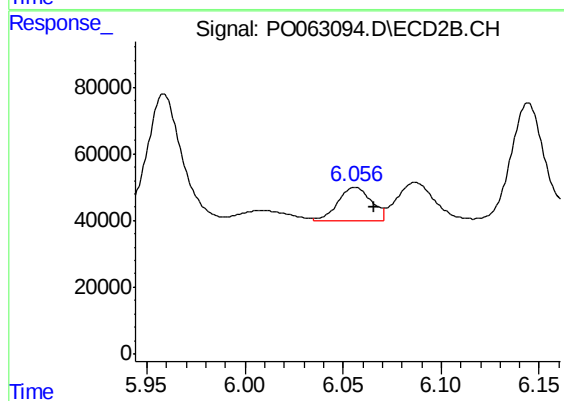
#28 AR-1254-3

R.T.: 5.832 min
Delta R.T.: -0.010 min
Response: 960587
Conc: 294.83 ng/ml



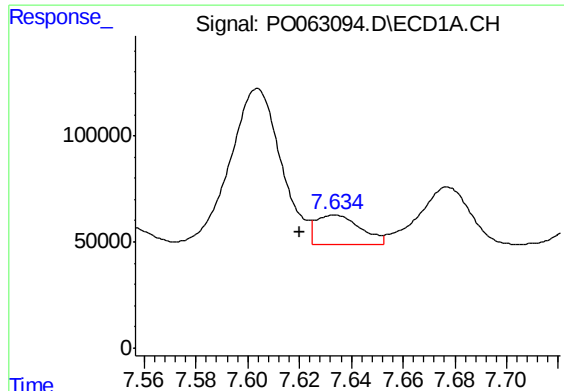
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: -0.016 min
Response: 296188
Conc: 98.29 ng/ml



#29 AR-1254-4

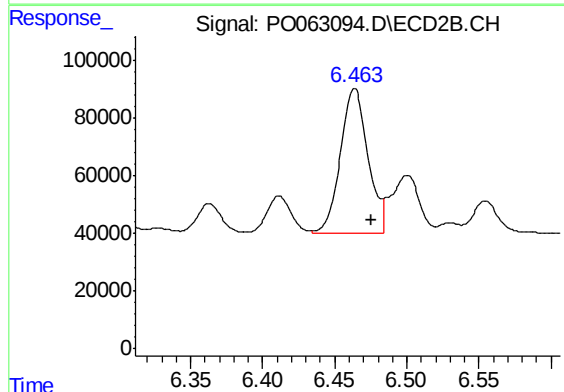
R.T.: 6.056 min
Delta R.T.: -0.010 min
Response: 118018
Conc: 61.10 ng/ml



#30 AR-1254-5

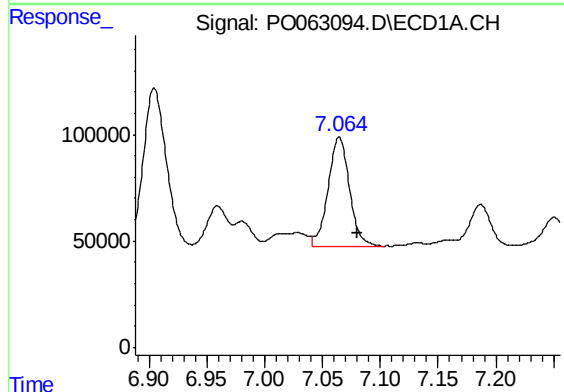
R.T.: 7.634 min
Delta R.T.: 0.014 min
Response: 167052
Conc: 53.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



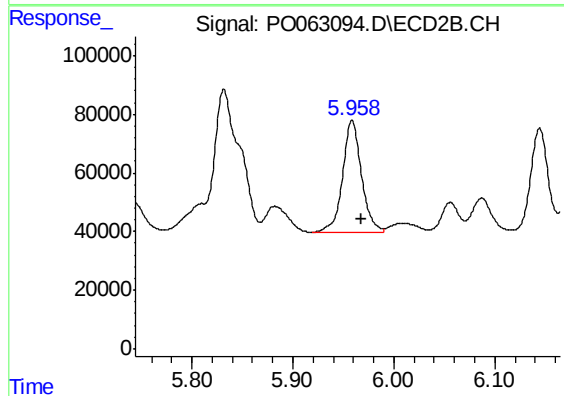
#30 AR-1254-5

R.T.: 6.464 min
Delta R.T.: -0.012 min
Response: 661028
Conc: 250.28 ng/ml



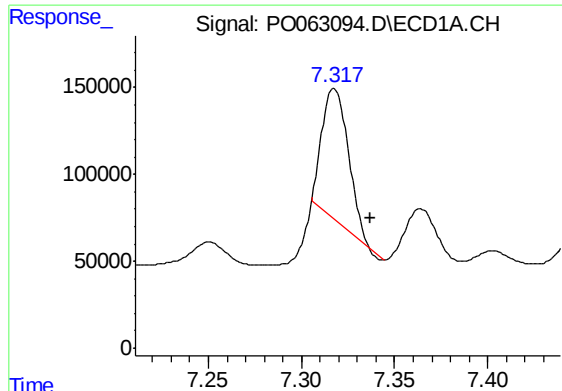
#31 AR-1260-1

R.T.: 7.065 min
Delta R.T.: -0.015 min
Response: 659592
Conc: 231.67 ng/ml



#31 AR-1260-1

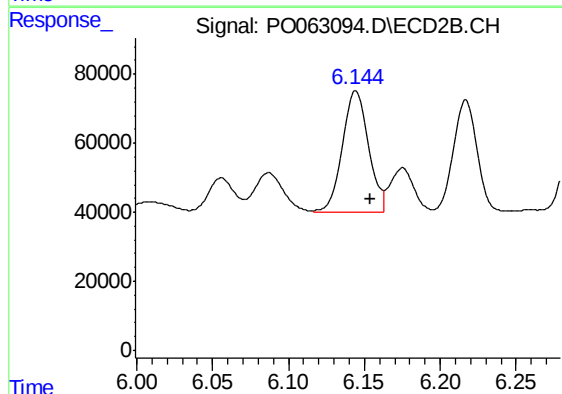
R.T.: 5.959 min
Delta R.T.: -0.009 min
Response: 493650
Conc: 232.33 ng/ml



#32 AR-1260-2

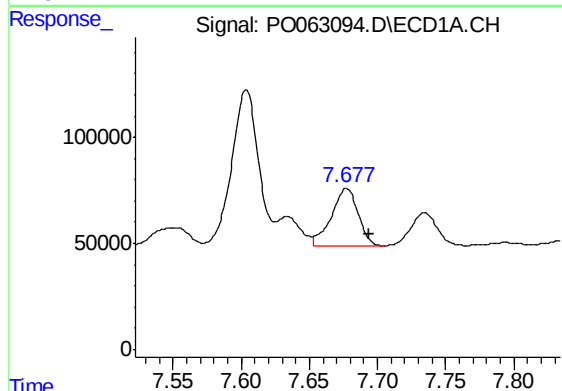
R.T.: 7.318 min
Delta R.T.: -0.019 min
Response: 744412
Conc: 216.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



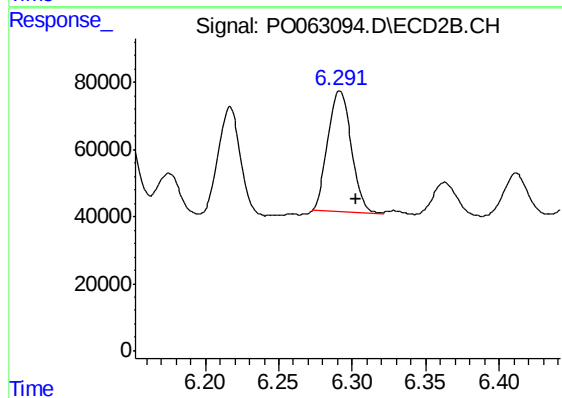
#32 AR-1260-2

R.T.: 6.144 min
Delta R.T.: -0.010 min
Response: 417389
Conc: 164.48 ng/ml



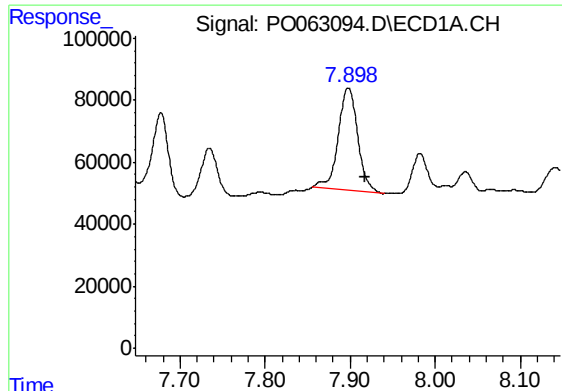
#33 AR-1260-3

R.T.: 7.677 min
Delta R.T.: -0.017 min
Response: 373014
Conc: 140.97 ng/ml



#33 AR-1260-3

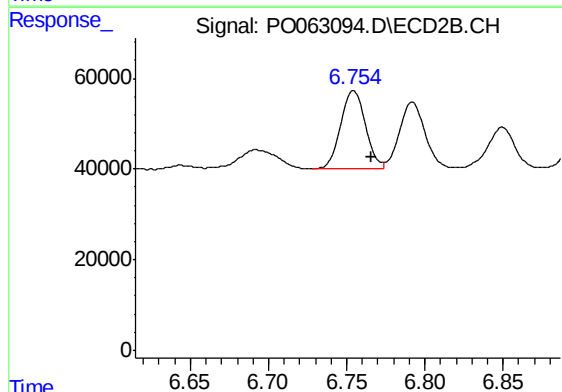
R.T.: 6.291 min
Delta R.T.: -0.011 min
Response: 400994
Conc: 177.58 ng/ml



#34 AR-1260-4

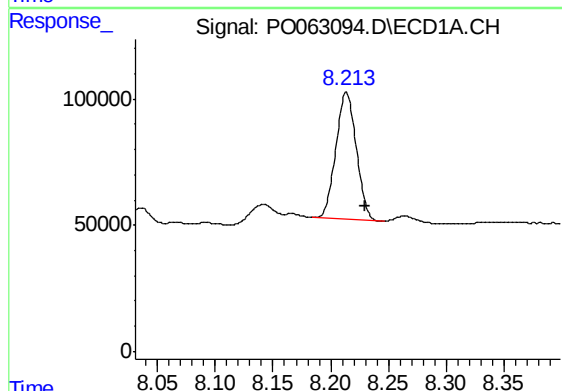
R.T.: 7.898 min
Delta R.T.: -0.020 min
Response: 532680
Conc: 190.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



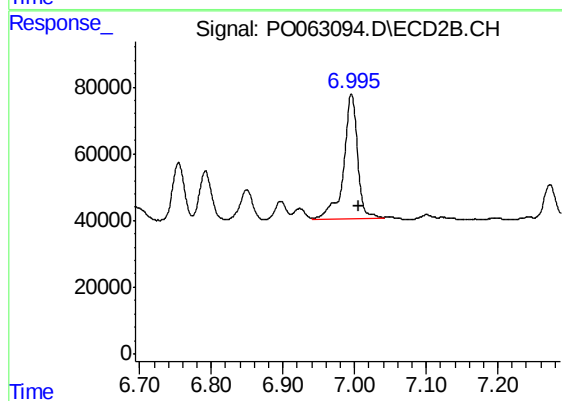
#34 AR-1260-4

R.T.: 6.754 min
Delta R.T.: -0.011 min
Response: 193757
Conc: 110.35 ng/ml



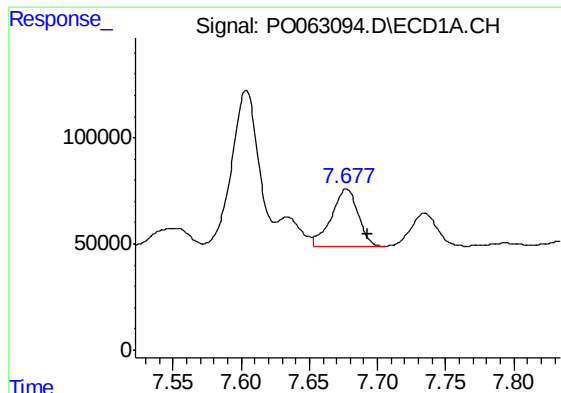
#35 AR-1260-5

R.T.: 8.214 min
Delta R.T.: -0.017 min
Response: 623000
Conc: 118.99 ng/ml



#35 AR-1260-5

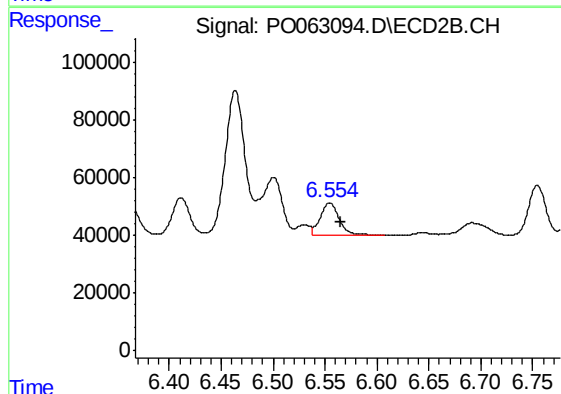
R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 501543
Conc: 139.22 ng/ml



#36 AR-1262-1

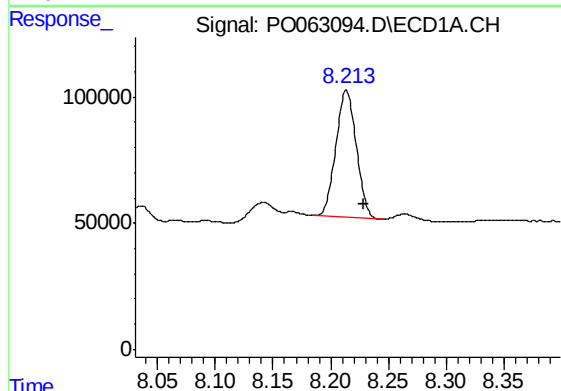
R.T.: 7.677 min
Delta R.T.: -0.016 min
Response: 373014
Conc: 90.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



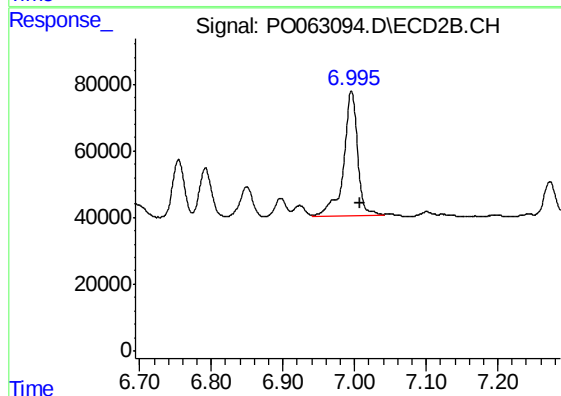
#36 AR-1262-1

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 136889
Conc: 114.86 ng/ml



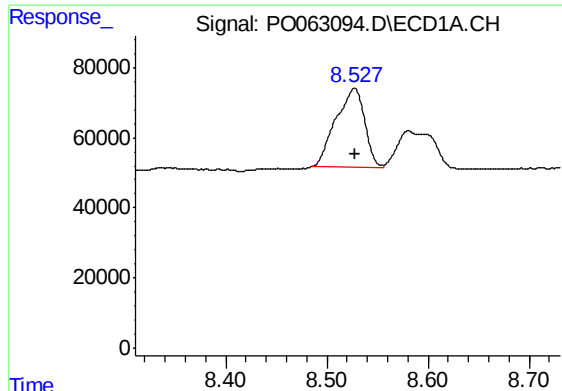
#37 AR-1262-2

R.T.: 8.214 min
Delta R.T.: -0.016 min
Response: 623000
Conc: 96.62 ng/ml



#37 AR-1262-2

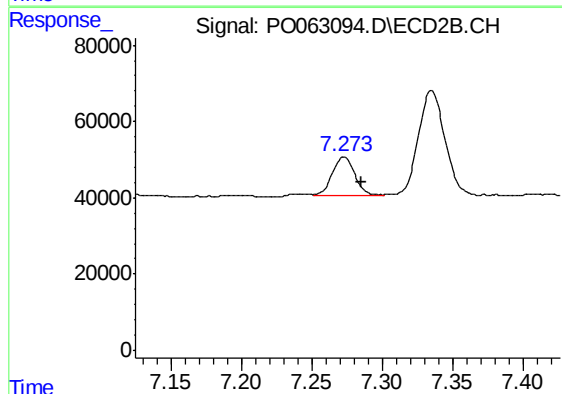
R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 501543
Conc: 119.36 ng/ml



#38 AR-1262-3

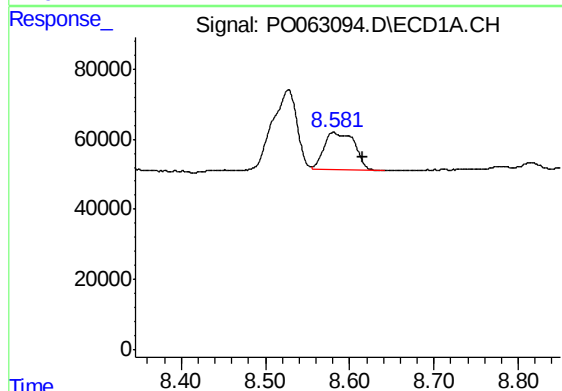
R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 443569
Conc: 100.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



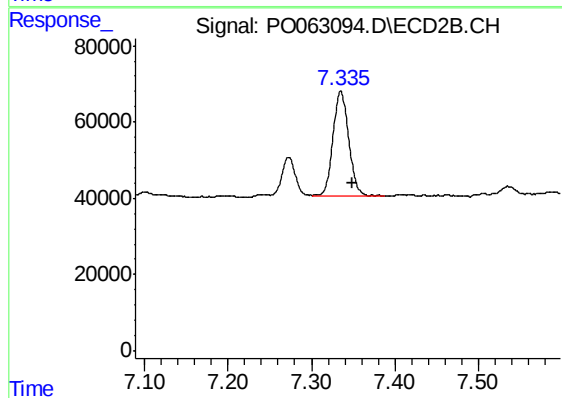
#38 AR-1262-3

R.T.: 7.273 min
Delta R.T.: -0.013 min
Response: 111415
Conc: 63.35 ng/ml



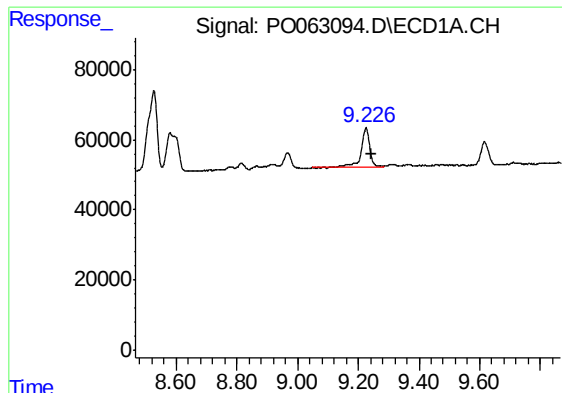
#39 AR-1262-4

R.T.: 8.581 min
Delta R.T.: -0.035 min
Response: 266311
Conc: 77.08 ng/ml



#39 AR-1262-4

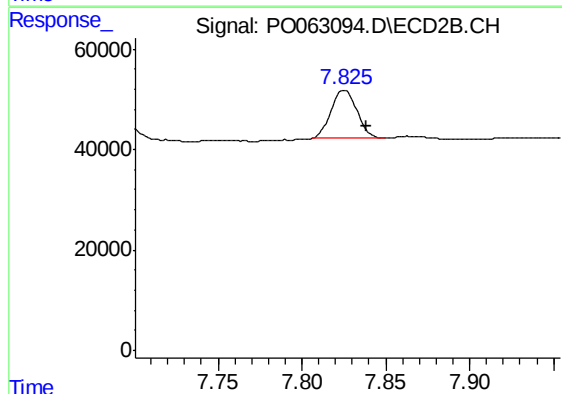
R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 360836
Conc: 118.03 ng/ml



#40 AR-1262-5

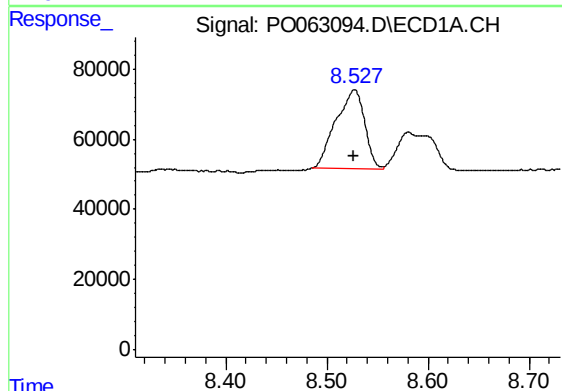
R.T.: 9.226 min
Delta R.T.: -0.019 min
Response: 214252
Conc: 94.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



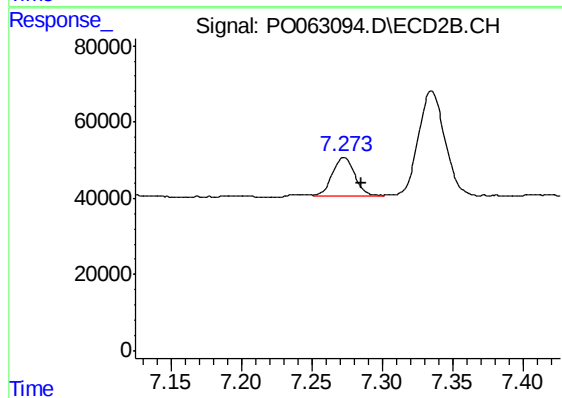
#40 AR-1262-5

R.T.: 7.825 min
Delta R.T.: -0.013 min
Response: 103539
Conc: 79.28 ng/ml



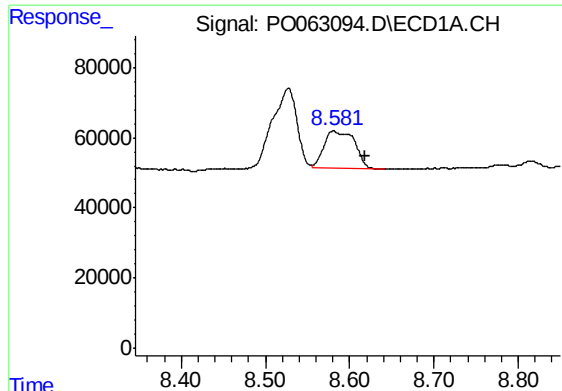
#41 AR-1268-1

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 443569
Conc: 58.60 ng/ml



#41 AR-1268-1

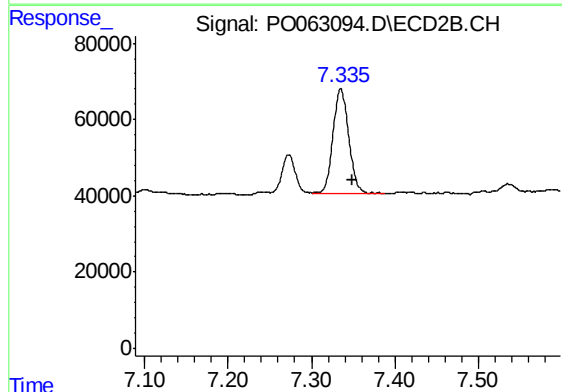
R.T.: 7.273 min
Delta R.T.: -0.012 min
Response: 111415
Conc: 23.79 ng/ml



#42 AR-1268-2

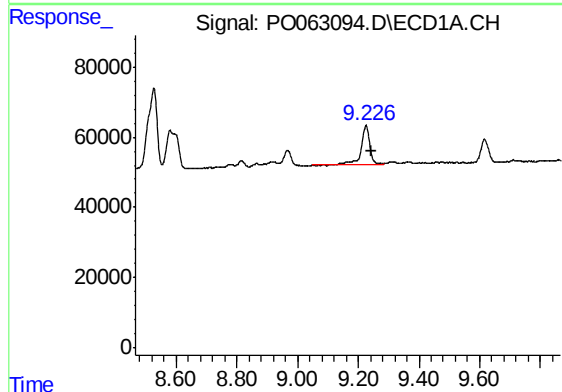
R.T.: 8.581 min
Delta R.T.: -0.038 min
Response: 266311
Conc: 37.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



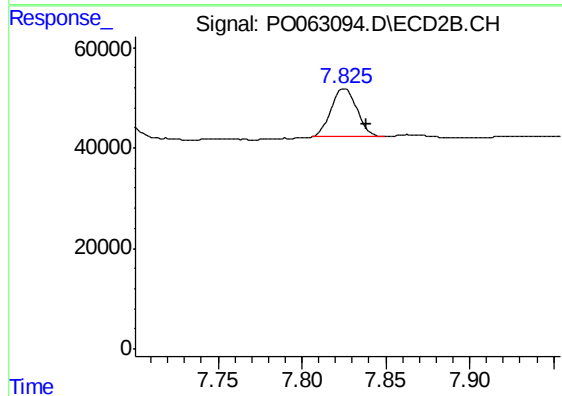
#42 AR-1268-2

R.T.: 7.335 min
Delta R.T.: -0.015 min
Response: 360836
Conc: 86.37 ng/ml



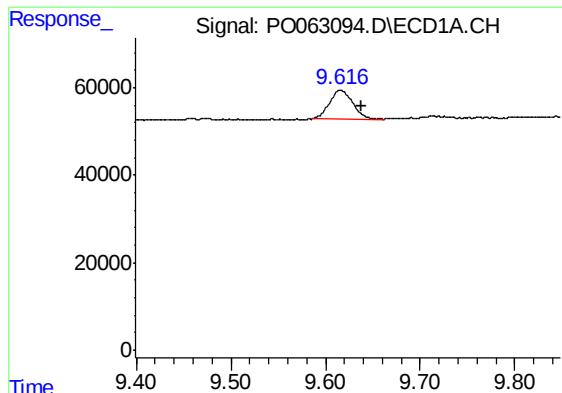
#44 AR-1268-4

R.T.: 9.226 min
Delta R.T.: -0.019 min
Response: 214252
Conc: 90.17 ng/ml



#44 AR-1268-4

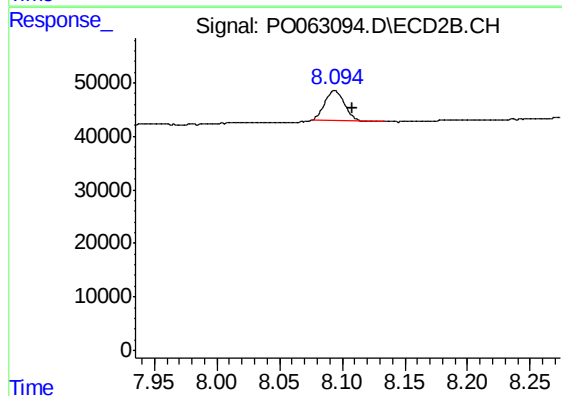
R.T.: 7.825 min
Delta R.T.: -0.013 min
Response: 103539
Conc: 72.67 ng/ml



#45 AR-1268-5

R.T.: 9.616 min
Delta R.T.: -0.022 min
Response: 113184
Conc: 6.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
193-10-(0-1)



#45 AR-1268-5

R.T.: 8.094 min
Delta R.T.: -0.015 min
Response: 61495
Conc: 6.64 ng/ml