

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101920\
 Data File : PO072490.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2020 13:01
 Operator : DD\AJ
 Sample : L4442-15DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 17:18:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 17:47:24 2020
 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...	4.317	3.502	1122751	359592	13.237	8.537 #
2)	SA Decachlor...	9.920	8.669	1279244	572675	11.597	11.078
Target Compounds							
3)	L1 AR-1016-1	5.622	4.721	116471	47825	35.337	27.809
4)	L1 AR-1016-2	5.643	4.739	274968	168499	58.836	68.598
5)	L1 AR-1016-3	5.705	4.935	223463	953330	83.847	777.613 #
6)	L1 AR-1016-4	5.835f	4.981	3121576	380971	1315.052	361.820 #
7)	L1 AR-1016-5	0.000	5.201	0	304829	N.D.	231.486 #
8)	L2 AR-1221-1	0.000	3.738f	0	54356	N.D.	109.471 #
9)	L2 AR-1221-2	4.702f	3.852	328211	301823	518.436	788.396 #
10)	L2 AR-1221-3	4.767	3.944	887136	221971	428.817	195.599 #
11)	L3 AR-1232-1	4.767	3.944	887136	221971	505.407	229.214 #
12)	L3 AR-1232-2	5.328	4.739	224438	168499	235.699	162.430 #
13)	L3 AR-1232-3	5.643	4.935	274968	953330	140.332	1844.548 #
14)	L3 AR-1232-4	5.835f	5.027	3121576	478495	3222.972	1086.777 #
15)	L3 AR-1232-5	5.910	5.201	786786	304829	1312.115	596.664 #
16)	L4 AR-1242-1	5.622	4.721	116471	47825	47.825	37.001
17)	L4 AR-1242-2	5.643	4.739	274968	168499	78.118	92.014
18)	L4 AR-1242-3	5.705	4.935	223463	953330	108.018	1012.663 #
19)	L4 AR-1242-4	5.835f	5.027	3121576	478495	1800.462	540.196 #
20)	L4 AR-1242-5	6.585	5.574	1664815	970505	714.146	706.890
21)	L5 AR-1248-1	5.622	4.721	116471	47825	62.302	47.020
22)	L5 AR-1248-2	5.910	4.981	786786	380971	314.466	267.185
23)	L5 AR-1248-3	0.000	5.027	0	478495	N.D.	356.290 #
24)	L5 AR-1248-4	6.545	5.201	879092	304829	198.791	181.522
25)	L5 AR-1248-5	6.585	5.615	1664815	344534	423.490	186.534 #
26)	L6 AR-1254-1	6.510	5.574	1516730	970505	359.038	351.099
27)	L6 AR-1254-2	6.735	5.735	4790207	825162	739.125	339.395 #
28)	L6 AR-1254-3	7.115	6.143	2027679	1023862	298.329	266.071
29)	L6 AR-1254-4	7.410	6.384	2161888	720041	326.163	268.146
30)	L6 AR-1254-5	7.829	6.803	8338966	3689744	1301.803	1006.831
31)	L7 AR-1260-1	7.275	6.277	3295900	1536934	676.330	600.783
32)	L7 AR-1260-2	7.543	6.479	7397071	4185321	964.070	1297.959 #
33)	L7 AR-1260-3	7.899	6.625	3381732	1644607	527.675	547.971
34)	L7 AR-1260-4	8.126	7.100	3424459	990650	562.672	375.744 #
35)	L7 AR-1260-5	8.442	7.354	9120143	3428265	627.794	524.735
36)	L8 AR-1262-1	7.899	6.803	3381732	3689744	356.580	1933.724 #
37)	L8 AR-1262-2	8.442	7.354	9120143	3428265	570.615	513.285
38)	L8 AR-1262-3	8.709	7.632	1108718	536201	158.665	188.142
39)	L8 AR-1262-4	8.775f	7.692	2493513	2382169	623.955	462.219 #
40)	L8 AR-1262-5	9.337	8.191	1645639	687031	309.335	272.043
41)	L9 AR-1268-1	8.709	7.632	1108718	536201	57.590	67.617

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 Operator : DD\AJ
 Sample : L4442-15DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

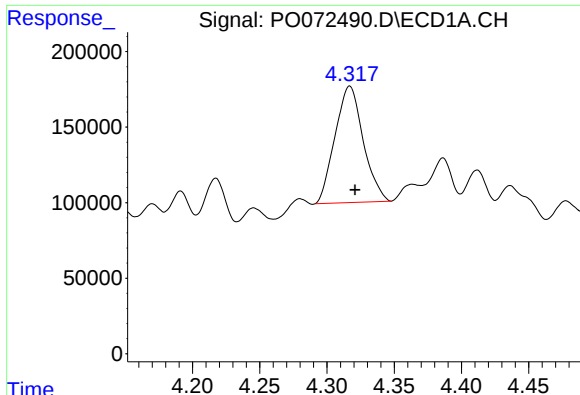
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 17:18:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101420.M
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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
42) L9	AR-1268-2	8.775f	7.692	2493513	2382169	151.037	327.410 #
43) L9	AR-1268-3	8.962	7.894	261940	136426	18.765	22.180
44) L9	AR-1268-4	9.337	8.191	1645639	687031	275.806	243.026
45) L9	AR-1268-5	9.661	8.458	570768	260634	13.881	13.561

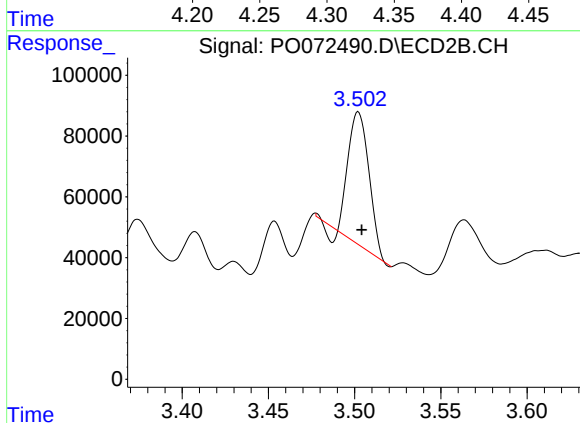
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

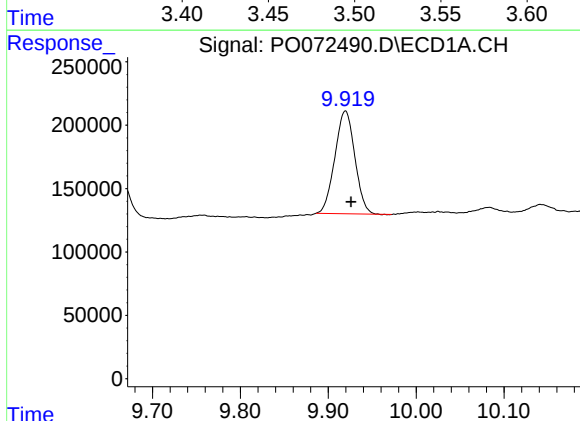
R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 1122751
Conc: 13.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



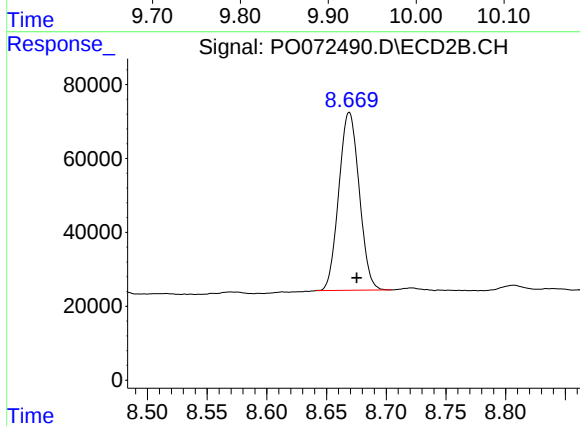
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: -0.002 min
Response: 359592
Conc: 8.54 ng/ml



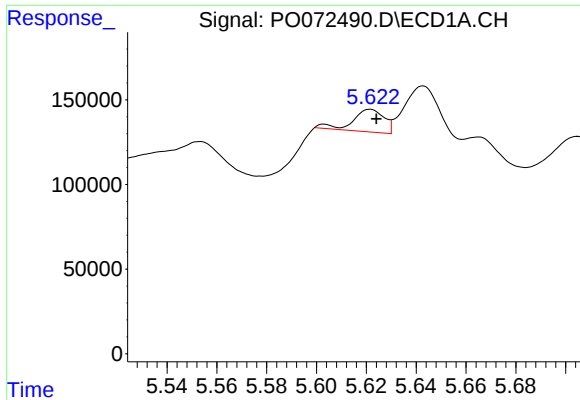
#2 Decachlorobiphenyl

R.T.: 9.920 min
Delta R.T.: -0.006 min
Response: 1279244
Conc: 11.60 ng/ml



#2 Decachlorobiphenyl

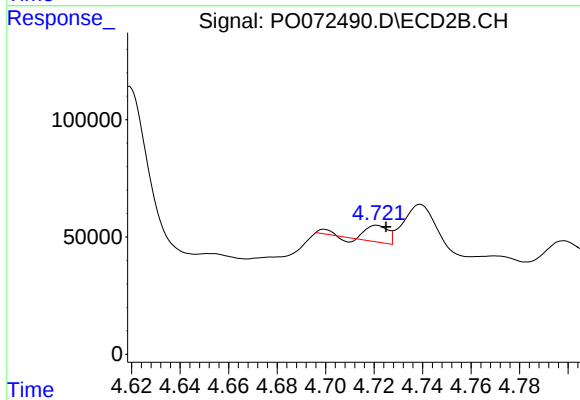
R.T.: 8.669 min
Delta R.T.: -0.006 min
Response: 572675
Conc: 11.08 ng/ml



#3 AR-1016-1

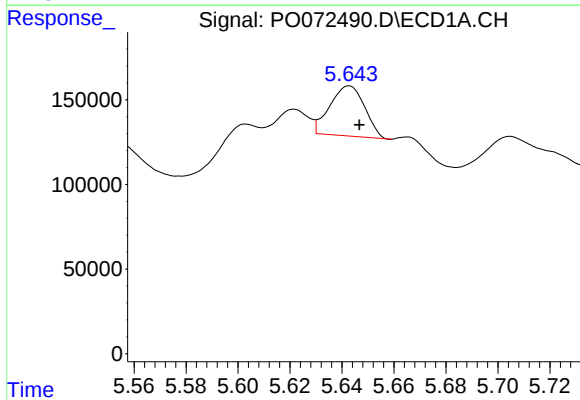
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 116471
Conc: 35.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



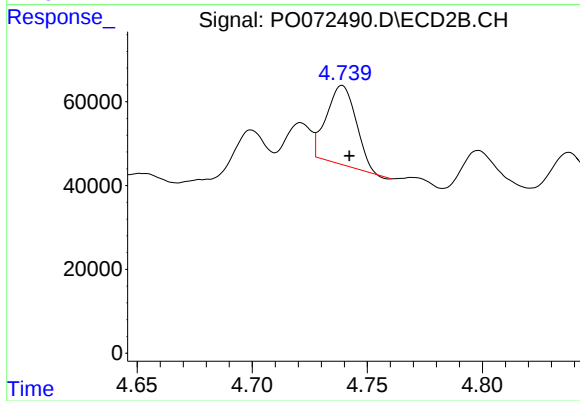
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 47825
Conc: 27.81 ng/ml



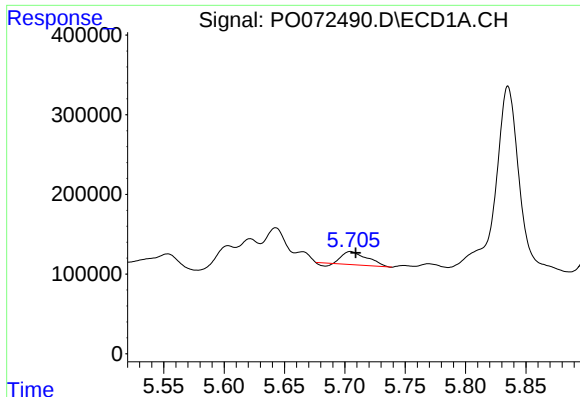
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 274968
Conc: 58.84 ng/ml



#4 AR-1016-2

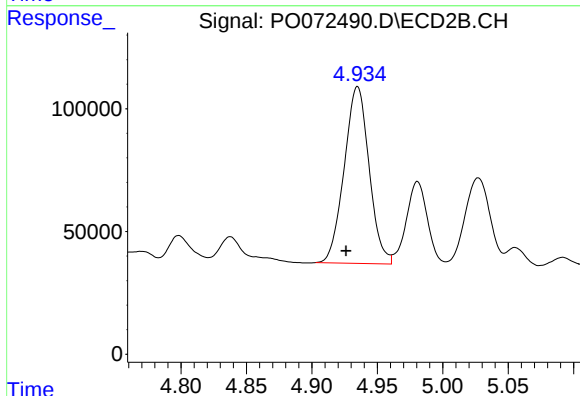
R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 168499
Conc: 68.60 ng/ml



#5 AR-1016-3

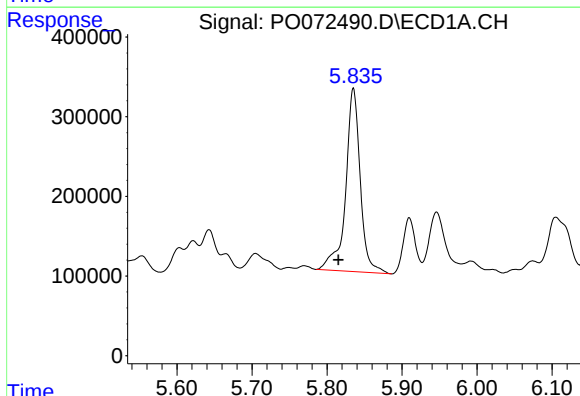
R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 223463
Conc: 83.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



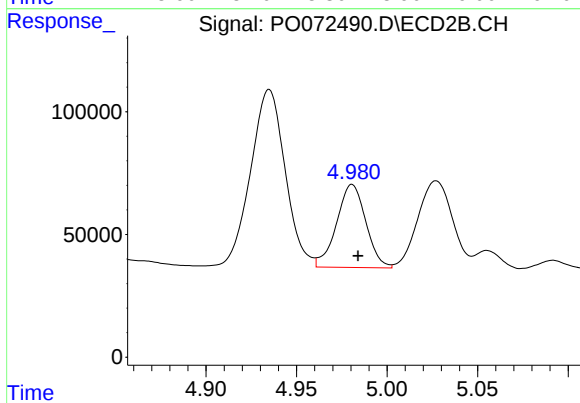
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: 0.009 min
Response: 953330
Conc: 777.61 ng/ml



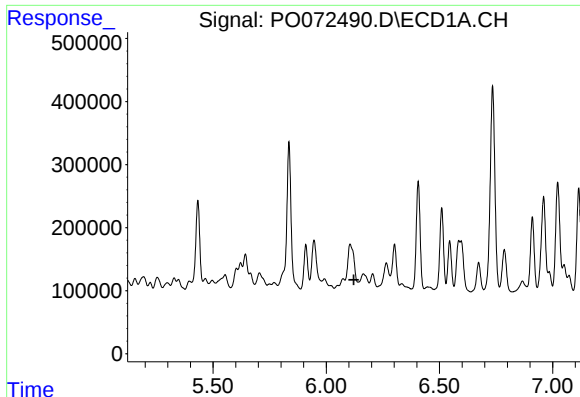
#6 AR-1016-4

R.T.: 5.835 min
Delta R.T.: 0.020 min
Response: 3121576
Conc: 1315.05 ng/ml



#6 AR-1016-4

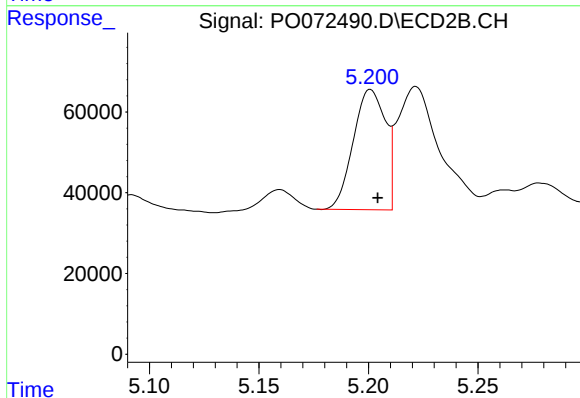
R.T.: 4.981 min
Delta R.T.: -0.003 min
Response: 380971
Conc: 361.82 ng/ml



#7 AR-1016-5

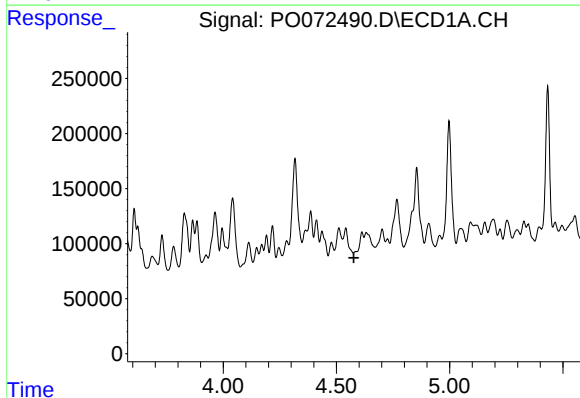
R.T.: 0.000 min
Exp R.T.: 6.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



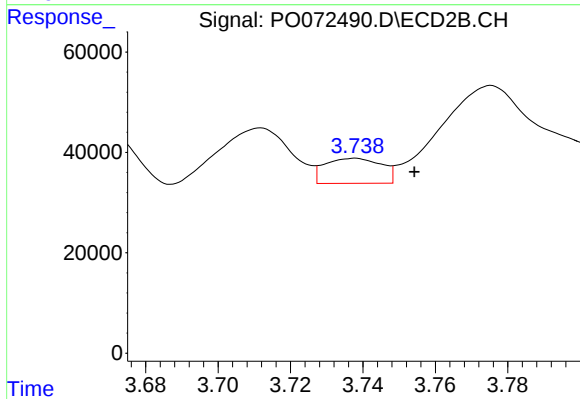
#7 AR-1016-5

R.T.: 5.201 min
Delta R.T.: -0.003 min
Response: 304829
Conc: 231.49 ng/ml



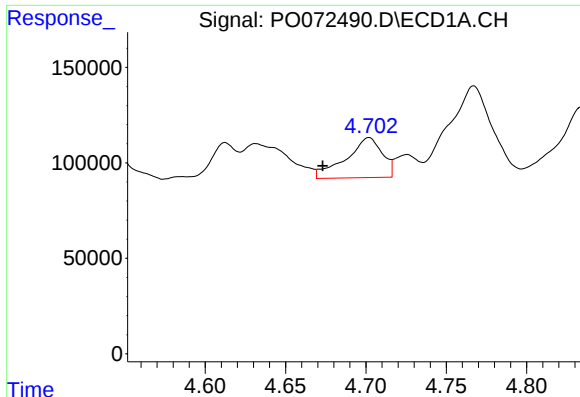
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.577 min
Response: 0
Conc: N.D.



#8 AR-1221-1

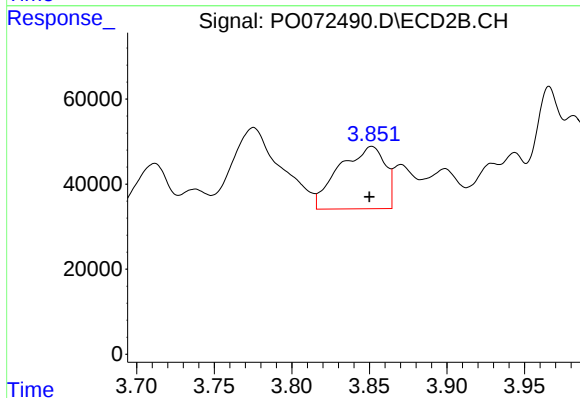
R.T.: 3.738 min
Delta R.T.: -0.017 min
Response: 54356
Conc: 109.47 ng/ml



#9 AR-1221-2

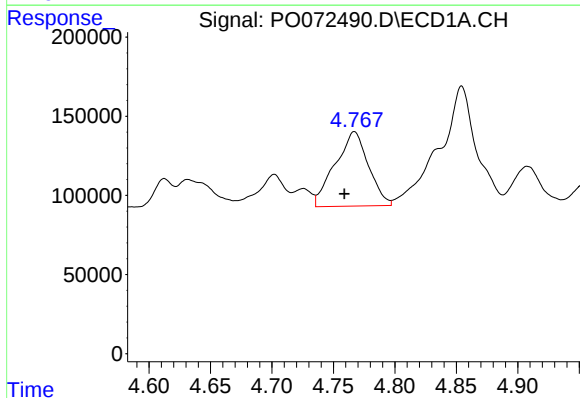
R.T.: 4.702 min
Delta R.T.: 0.029 min
Response: 328211
Conc: 518.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



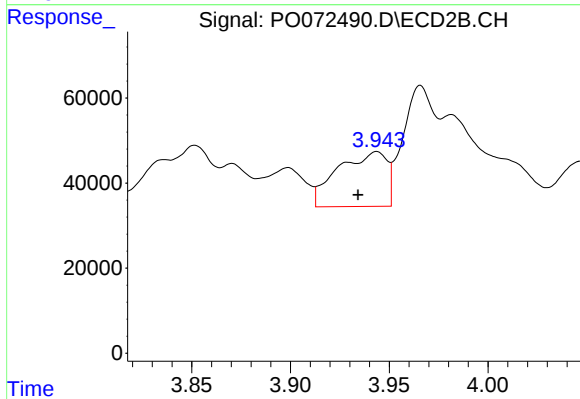
#9 AR-1221-2

R.T.: 3.852 min
Delta R.T.: 0.001 min
Response: 301823
Conc: 788.40 ng/ml



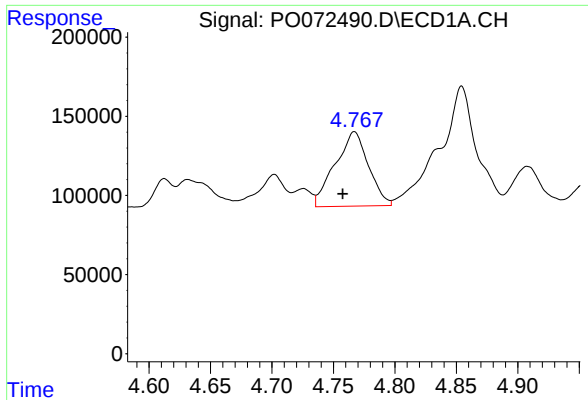
#10 AR-1221-3

R.T.: 4.767 min
Delta R.T.: 0.008 min
Response: 887136
Conc: 428.82 ng/ml



#10 AR-1221-3

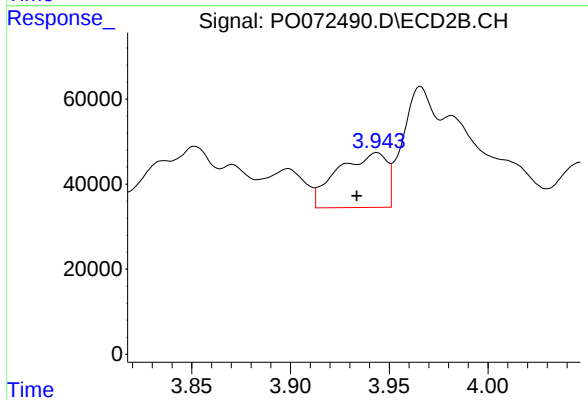
R.T.: 3.944 min
Delta R.T.: 0.009 min
Response: 221971
Conc: 195.60 ng/ml



#11 AR-1232-1

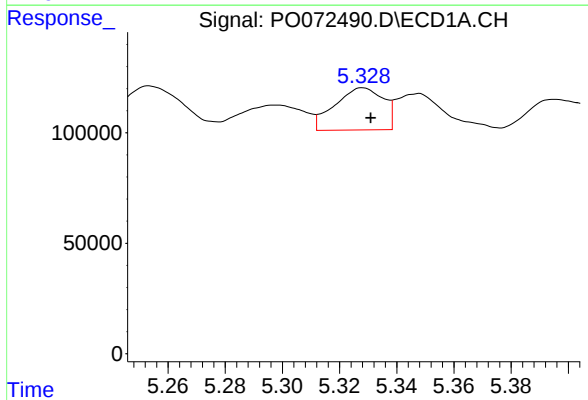
R.T.: 4.767 min
Delta R.T.: 0.009 min
Response: 887136
Conc: 505.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



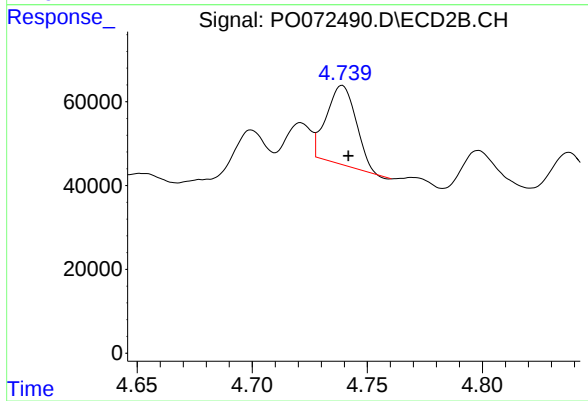
#11 AR-1232-1

R.T.: 3.944 min
Delta R.T.: 0.010 min
Response: 221971
Conc: 229.21 ng/ml



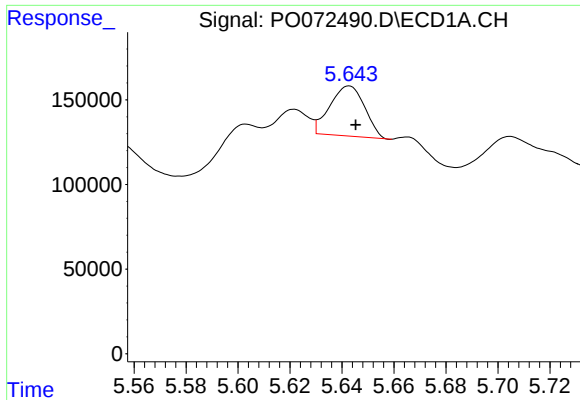
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: -0.003 min
Response: 224438
Conc: 235.70 ng/ml



#12 AR-1232-2

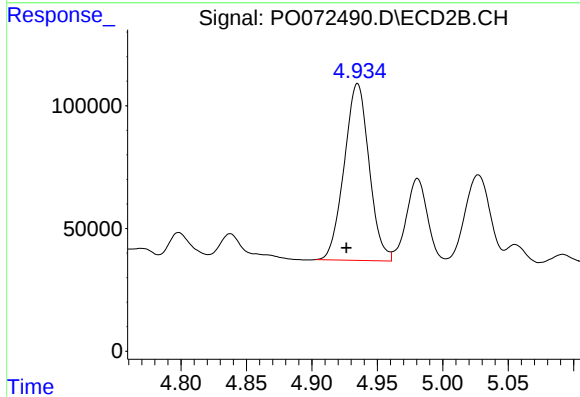
R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 168499
Conc: 162.43 ng/ml



#13 AR-1232-3

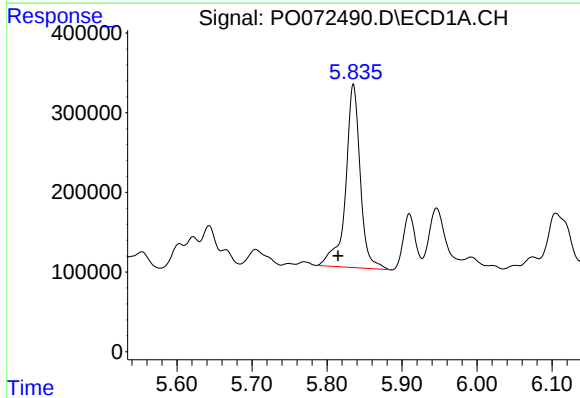
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 274968
Conc: 140.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



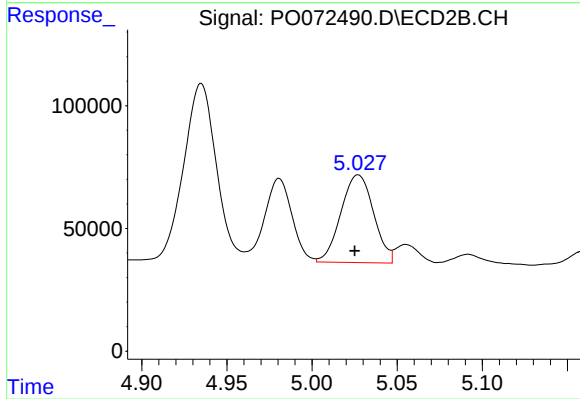
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: 0.009 min
Response: 953330
Conc: 1844.55 ng/ml



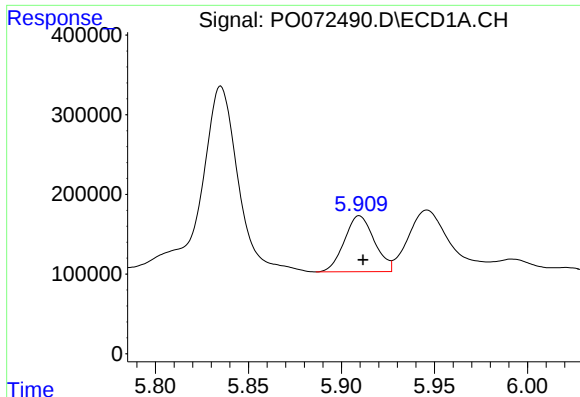
#14 AR-1232-4

R.T.: 5.835 min
Delta R.T.: 0.020 min
Response: 3121576
Conc: 3222.97 ng/ml



#14 AR-1232-4

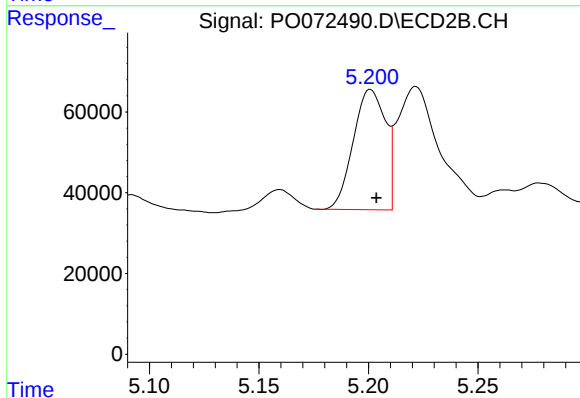
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 478495
Conc: 1086.78 ng/ml



#15 AR-1232-5

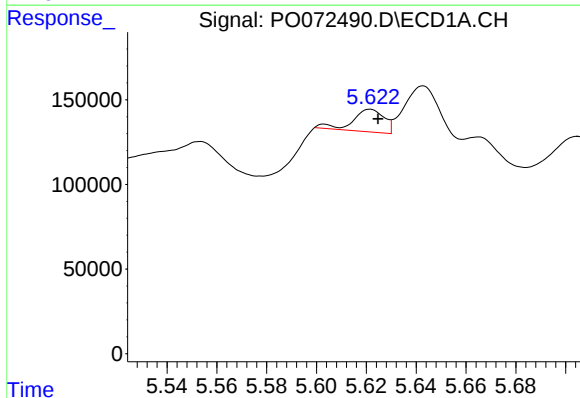
R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 786786
Conc: 1312.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



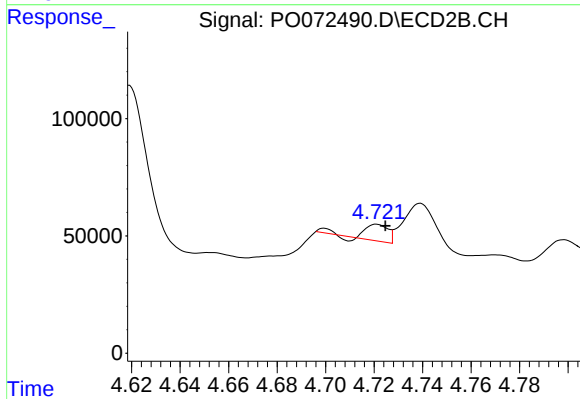
#15 AR-1232-5

R.T.: 5.201 min
Delta R.T.: -0.003 min
Response: 304829
Conc: 596.66 ng/ml



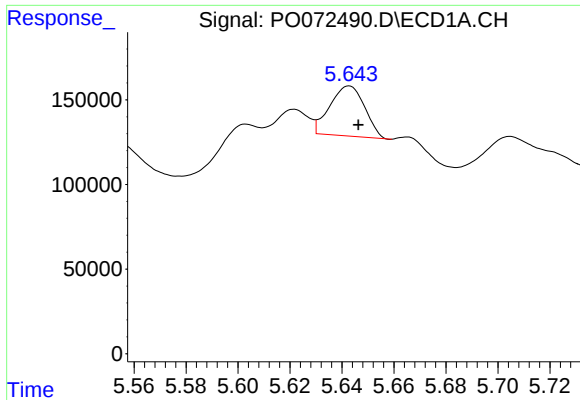
#16 AR-1242-1

R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 116471
Conc: 47.82 ng/ml



#16 AR-1242-1

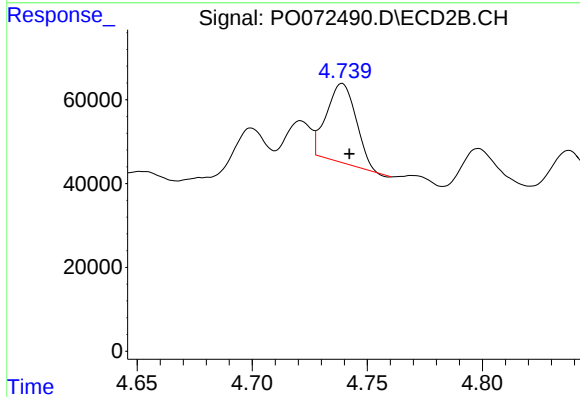
R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 47825
Conc: 37.00 ng/ml



#17 AR-1242-2

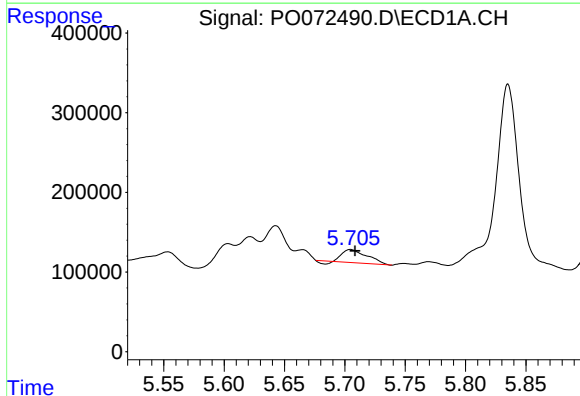
R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 274968
Conc: 78.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



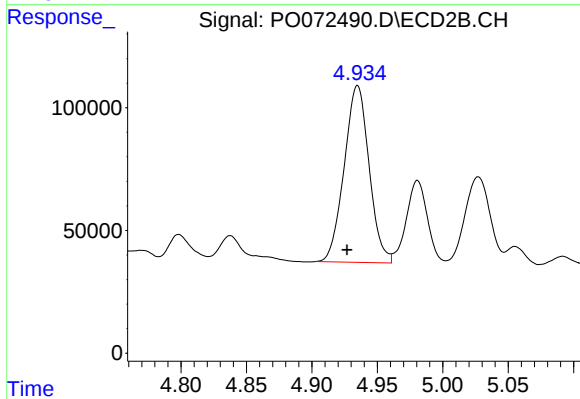
#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 168499
Conc: 92.01 ng/ml



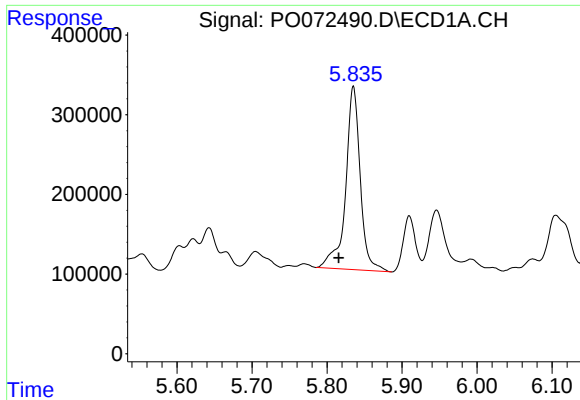
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 223463
Conc: 108.02 ng/ml



#18 AR-1242-3

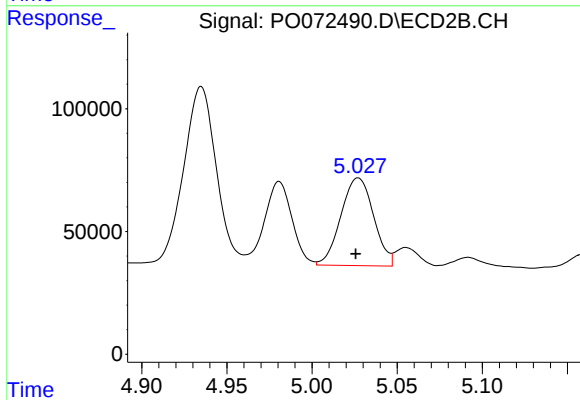
R.T.: 4.935 min
Delta R.T.: 0.008 min
Response: 953330
Conc: 1012.66 ng/ml



#19 AR-1242-4

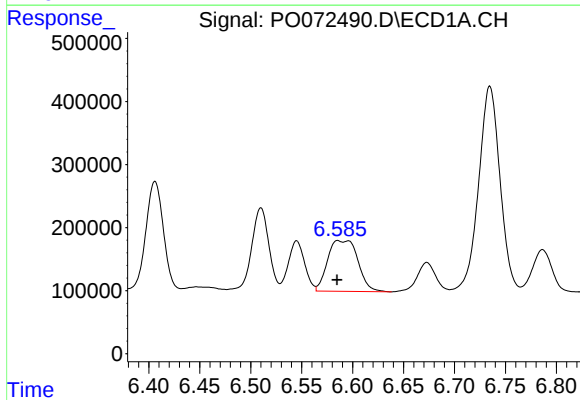
R.T.: 5.835 min
Delta R.T.: 0.020 min
Response: 3121576
Conc: 1800.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



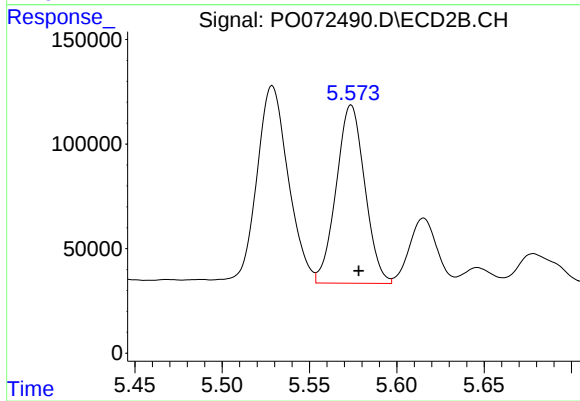
#19 AR-1242-4

R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 478495
Conc: 540.20 ng/ml



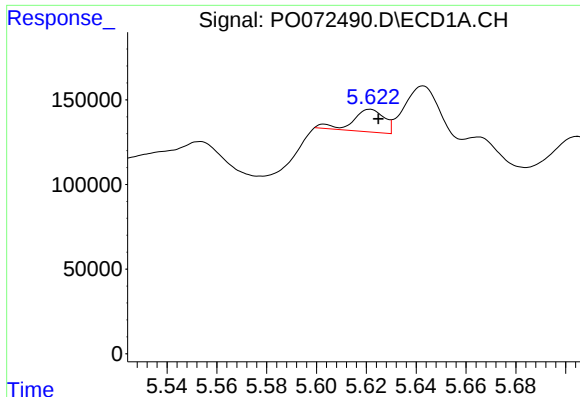
#20 AR-1242-5

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 1664815
Conc: 714.15 ng/ml



#20 AR-1242-5

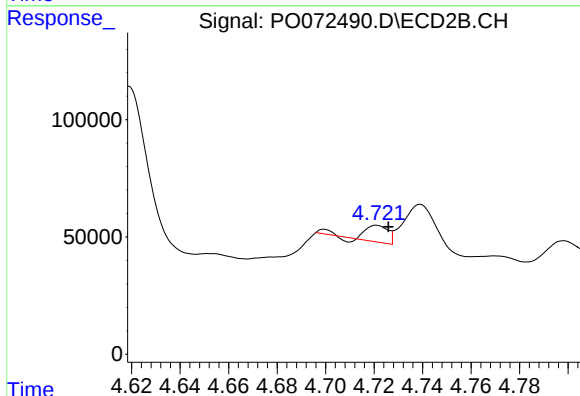
R.T.: 5.574 min
Delta R.T.: -0.004 min
Response: 970505
Conc: 706.89 ng/ml



#21 AR-1248-1

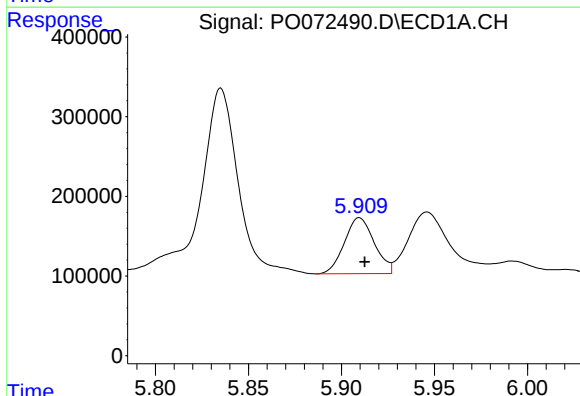
R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 116471
Conc: 62.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



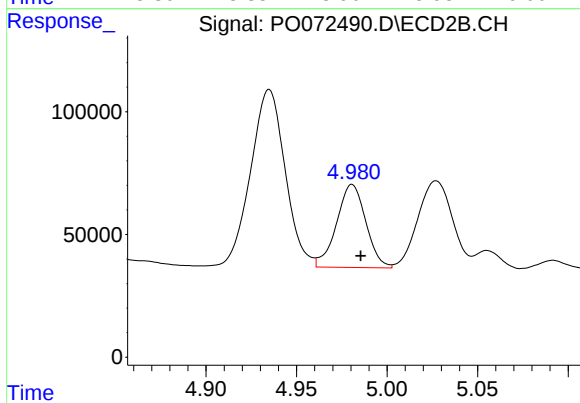
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: -0.005 min
Response: 47825
Conc: 47.02 ng/ml



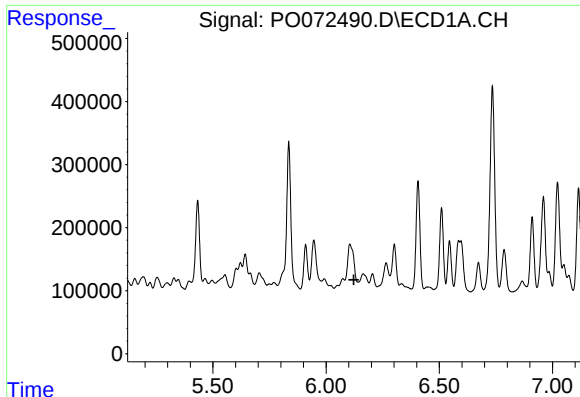
#22 AR-1248-2

R.T.: 5.910 min
Delta R.T.: -0.003 min
Response: 786786
Conc: 314.47 ng/ml



#22 AR-1248-2

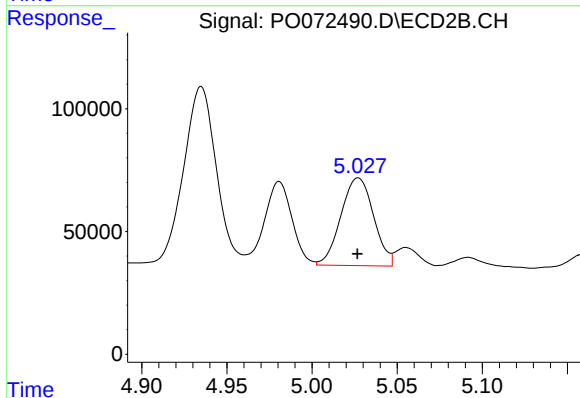
R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 380971
Conc: 267.18 ng/ml



#23 AR-1248-3

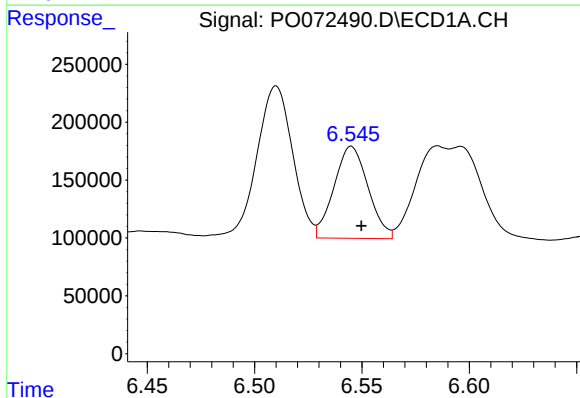
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



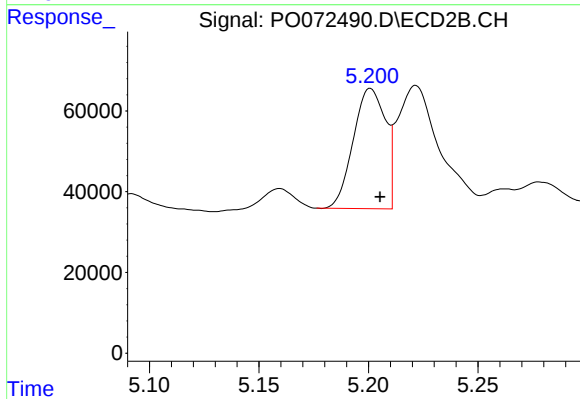
#23 AR-1248-3

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 478495
Conc: 356.29 ng/ml



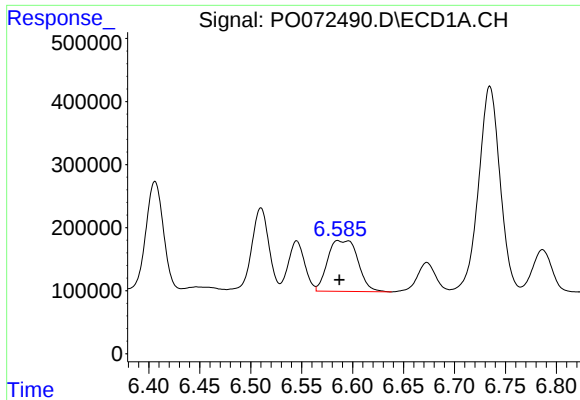
#24 AR-1248-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 879092
Conc: 198.79 ng/ml



#24 AR-1248-4

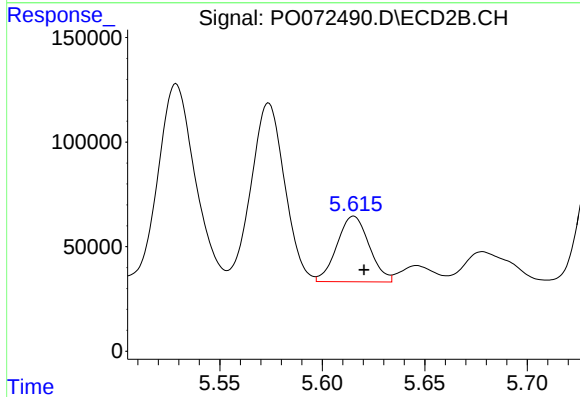
R.T.: 5.201 min
Delta R.T.: -0.004 min
Response: 304829
Conc: 181.52 ng/ml



#25 AR-1248-5

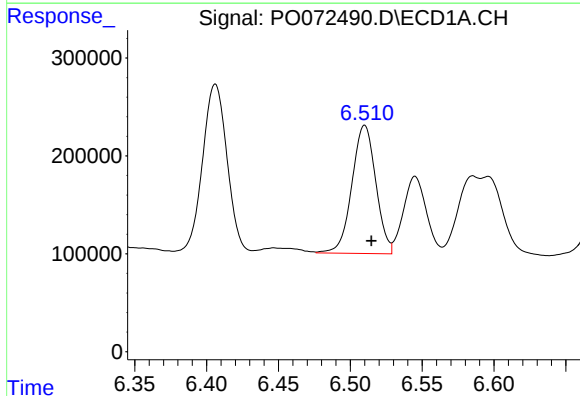
R.T.: 6.585 min
Delta R.T.: -0.001 min
Response: 1664815
Conc: 423.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



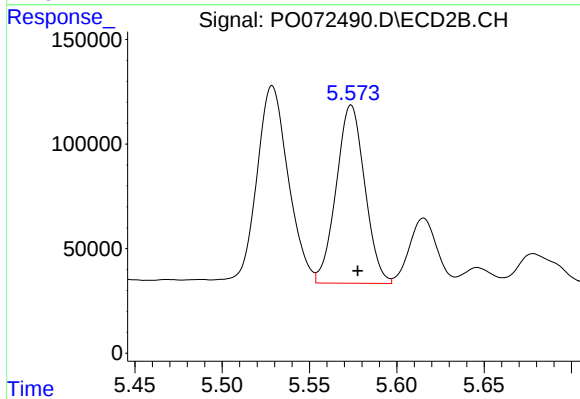
#25 AR-1248-5

R.T.: 5.615 min
Delta R.T.: -0.005 min
Response: 344534
Conc: 186.53 ng/ml



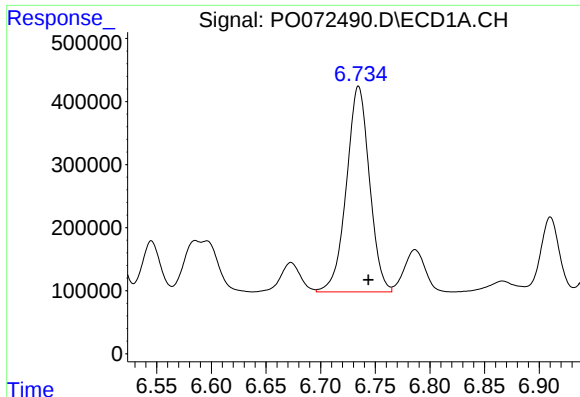
#26 AR-1254-1

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 1516730
Conc: 359.04 ng/ml



#26 AR-1254-1

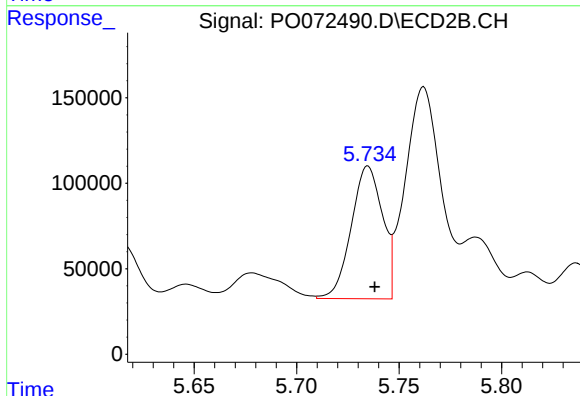
R.T.: 5.574 min
Delta R.T.: -0.004 min
Response: 970505
Conc: 351.10 ng/ml



#27 AR-1254-2

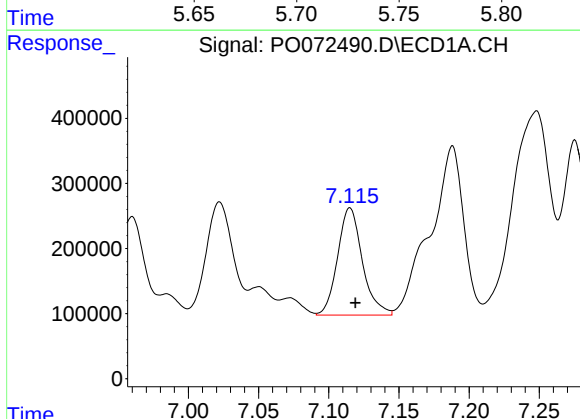
R.T.: 6.735 min
Delta R.T.: -0.009 min
Response: 4790207
Conc: 739.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



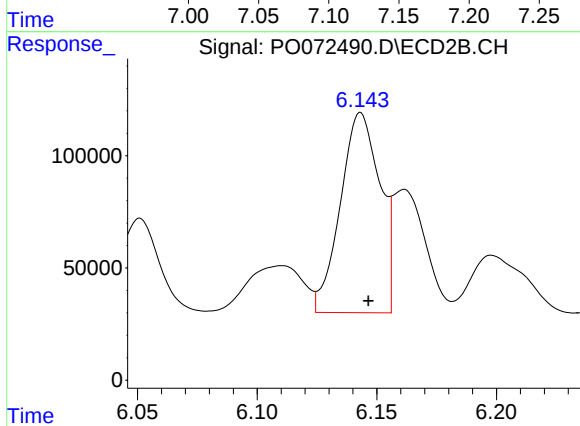
#27 AR-1254-2

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 825162
Conc: 339.40 ng/ml



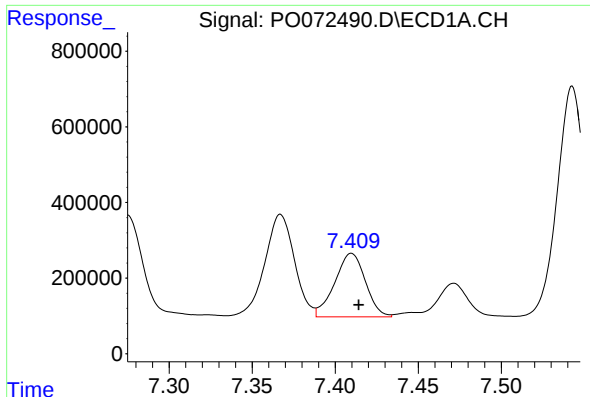
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 2027679
Conc: 298.33 ng/ml



#28 AR-1254-3

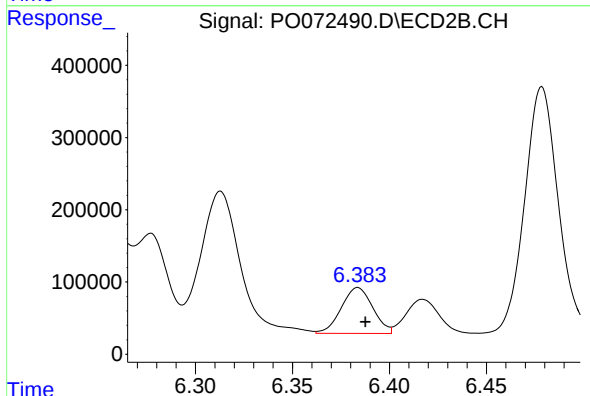
R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 1023862
Conc: 266.07 ng/ml



#29 AR-1254-4

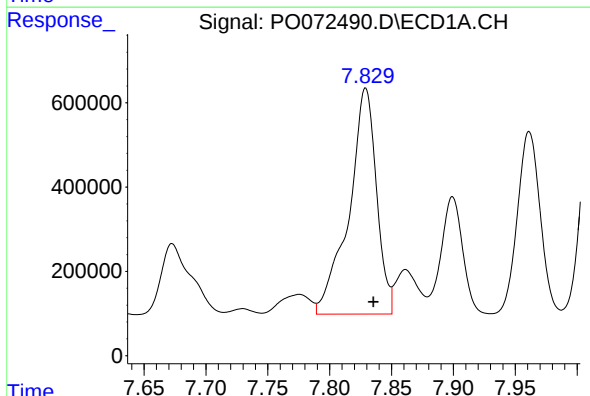
R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 2161888
Conc: 326.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



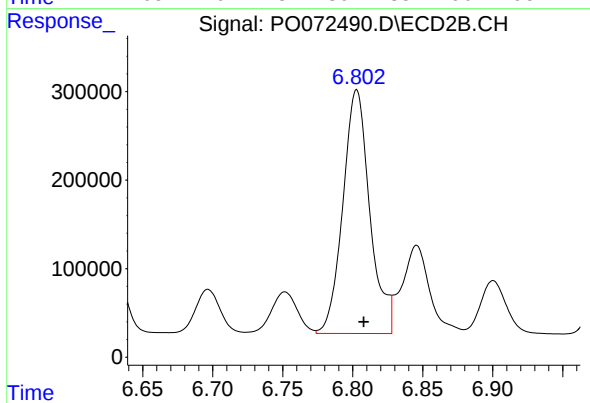
#29 AR-1254-4

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 720041
Conc: 268.15 ng/ml



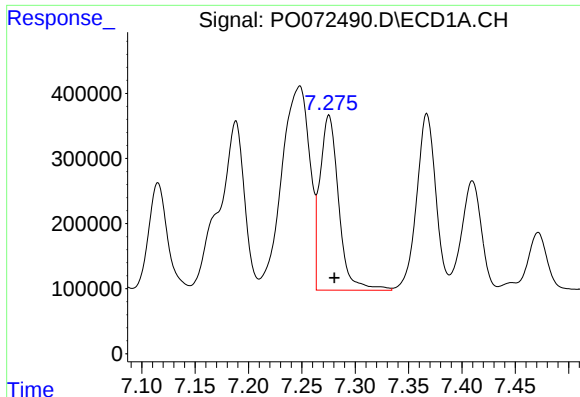
#30 AR-1254-5

R.T.: 7.829 min
Delta R.T.: -0.006 min
Response: 8338966
Conc: 1301.80 ng/ml



#30 AR-1254-5

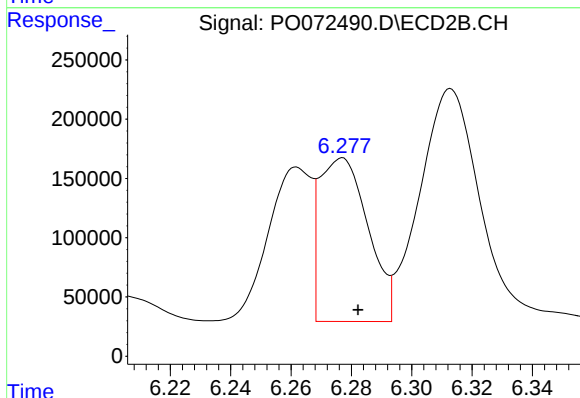
R.T.: 6.803 min
Delta R.T.: -0.005 min
Response: 3689744
Conc: 1006.83 ng/ml



#31 AR-1260-1

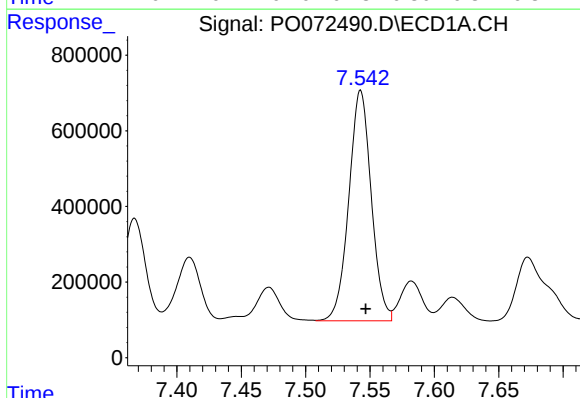
R.T.: 7.275 min
Delta R.T.: -0.005 min
Response: 3295900
Conc: 676.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



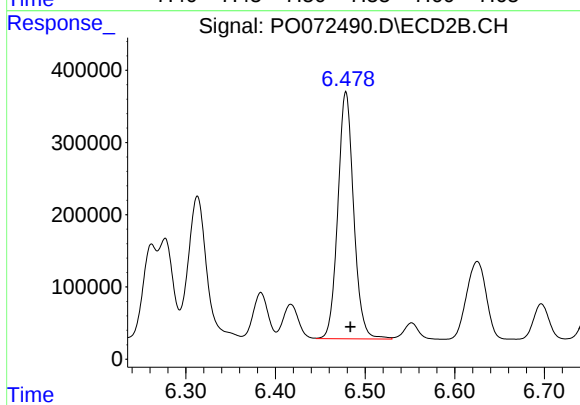
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.005 min
Response: 1536934
Conc: 600.78 ng/ml



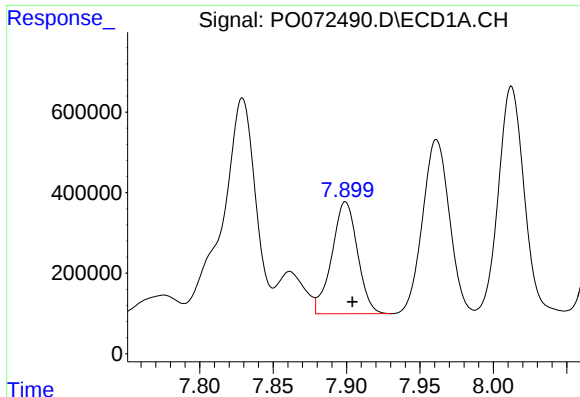
#32 AR-1260-2

R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 7397071
Conc: 964.07 ng/ml



#32 AR-1260-2

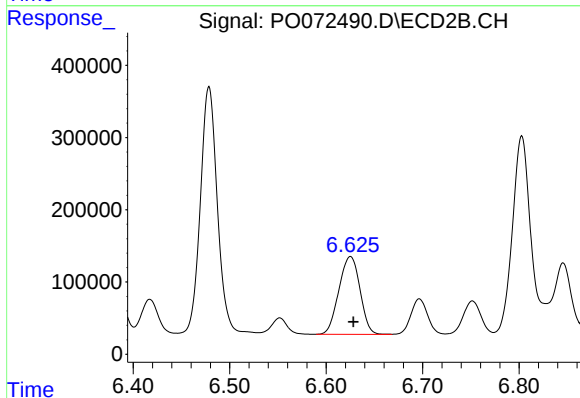
R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 4185321
Conc: 1297.96 ng/ml



#33 AR-1260-3

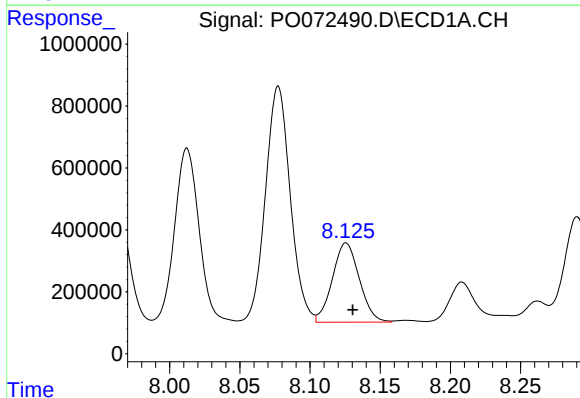
R.T.: 7.899 min
Delta R.T.: -0.005 min
Response: 3381732
Conc: 527.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



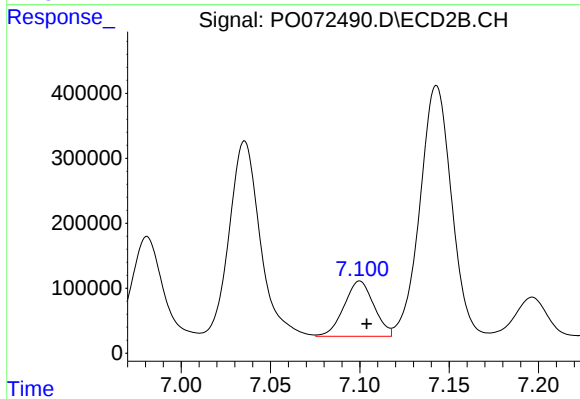
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 1644607
Conc: 547.97 ng/ml



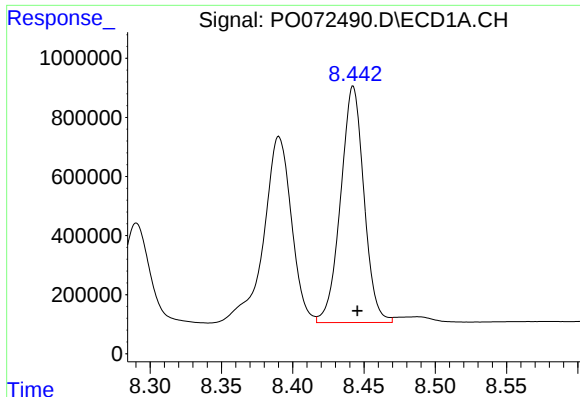
#34 AR-1260-4

R.T.: 8.126 min
Delta R.T.: -0.005 min
Response: 3424459
Conc: 562.67 ng/ml



#34 AR-1260-4

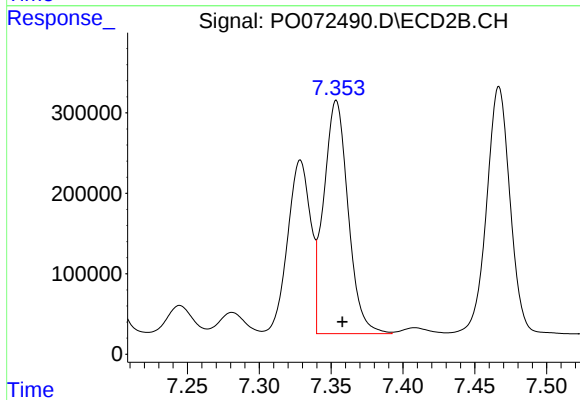
R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 990650
Conc: 375.74 ng/ml



#35 AR-1260-5

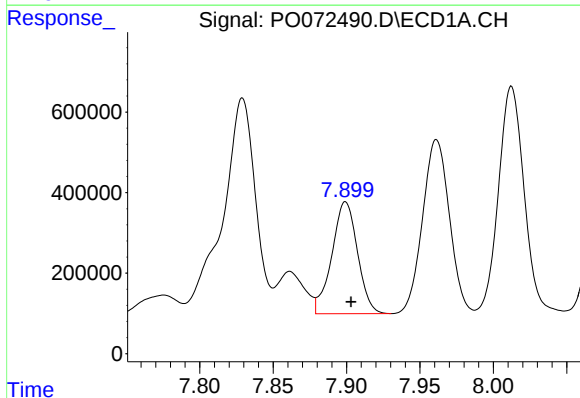
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 9120143
Conc: 627.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



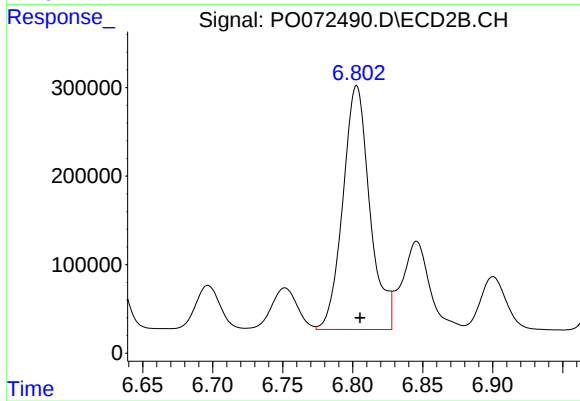
#35 AR-1260-5

R.T.: 7.354 min
Delta R.T.: -0.004 min
Response: 3428265
Conc: 524.74 ng/ml



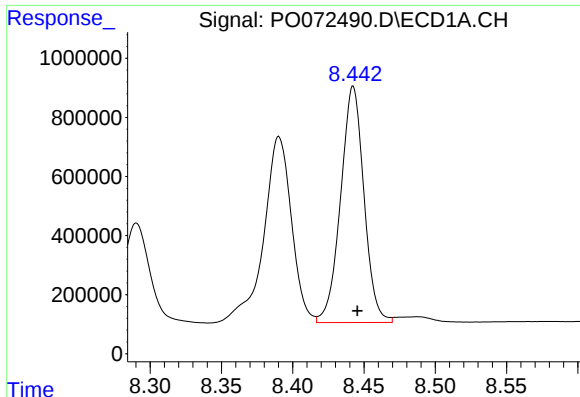
#36 AR-1262-1

R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 3381732
Conc: 356.58 ng/ml



#36 AR-1262-1

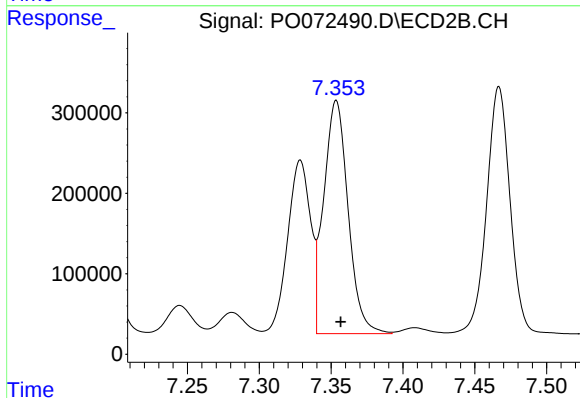
R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 3689744
Conc: 1933.72 ng/ml



#37 AR-1262-2

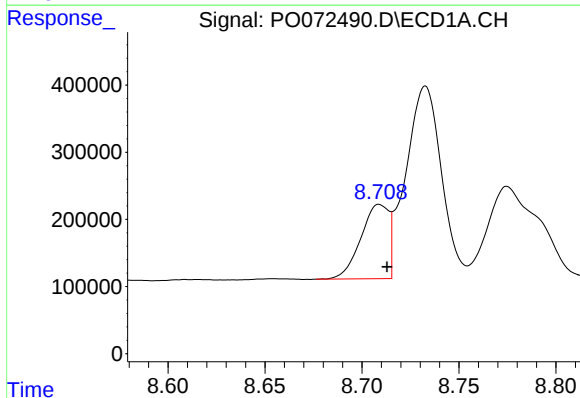
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 9120143
Conc: 570.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



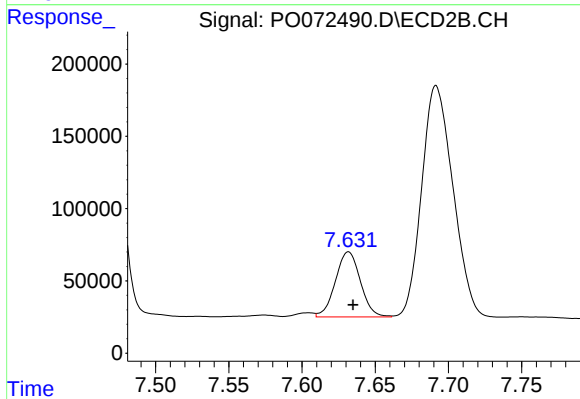
#37 AR-1262-2

R.T.: 7.354 min
Delta R.T.: -0.003 min
Response: 3428265
Conc: 513.28 ng/ml



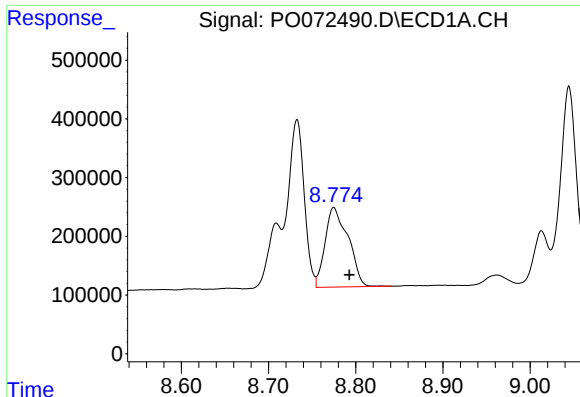
#38 AR-1262-3

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 1108718
Conc: 158.66 ng/ml



#38 AR-1262-3

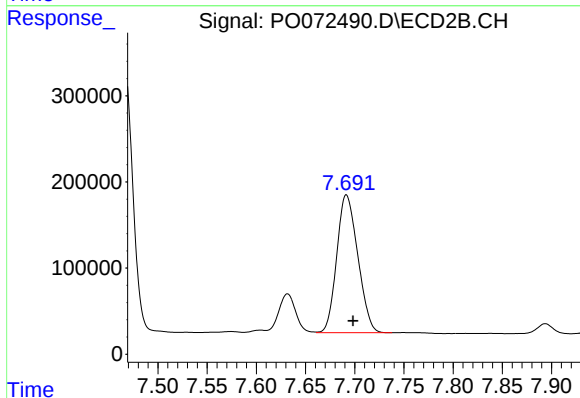
R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 536201
Conc: 188.14 ng/ml



#39 AR-1262-4

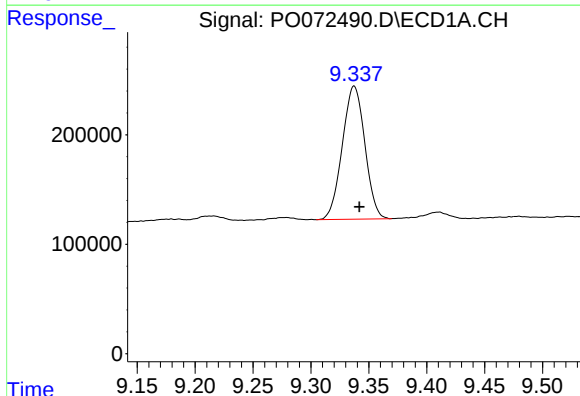
R.T.: 8.775 min
Delta R.T.: -0.018 min
Response: 2493513
Conc: 623.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



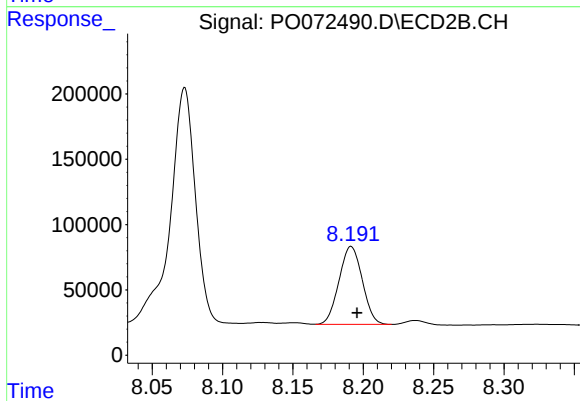
#39 AR-1262-4

R.T.: 7.692 min
Delta R.T.: -0.007 min
Response: 2382169
Conc: 462.22 ng/ml



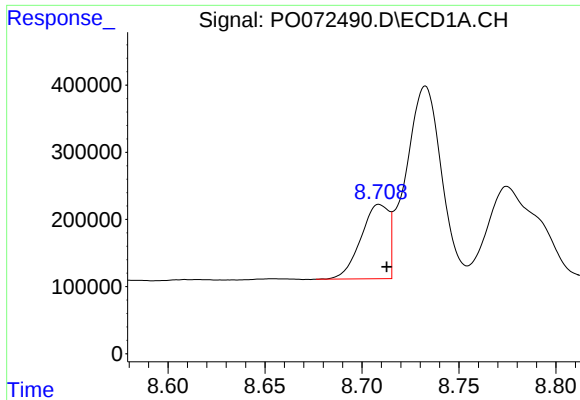
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: -0.004 min
Response: 1645639
Conc: 309.33 ng/ml



#40 AR-1262-5

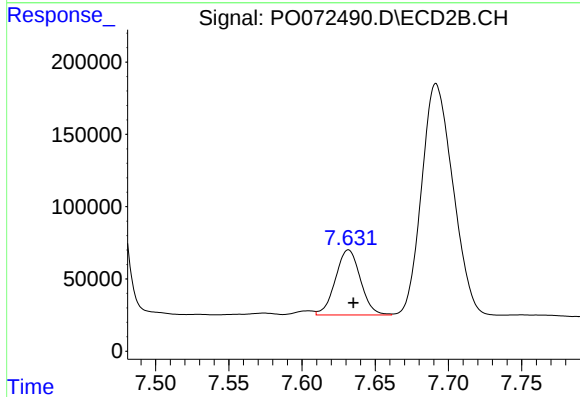
R.T.: 8.191 min
Delta R.T.: -0.004 min
Response: 687031
Conc: 272.04 ng/ml



#41 AR-1268-1

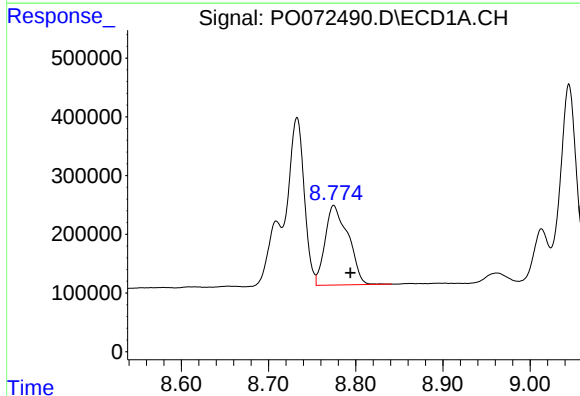
R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 1108718
Conc: 57.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



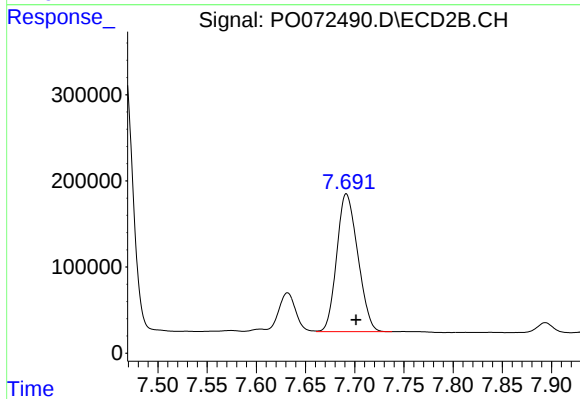
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 536201
Conc: 67.62 ng/ml



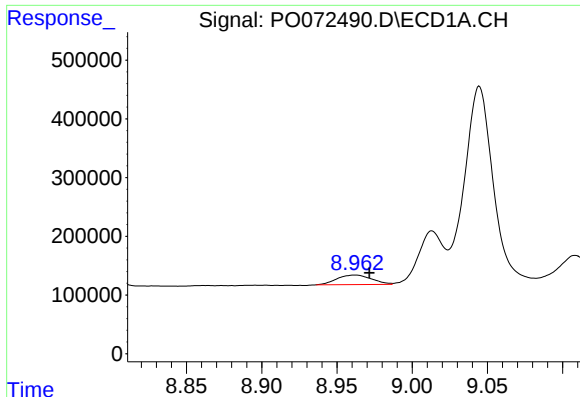
#42 AR-1268-2

R.T.: 8.775 min
Delta R.T.: -0.019 min
Response: 2493513
Conc: 151.04 ng/ml



#42 AR-1268-2

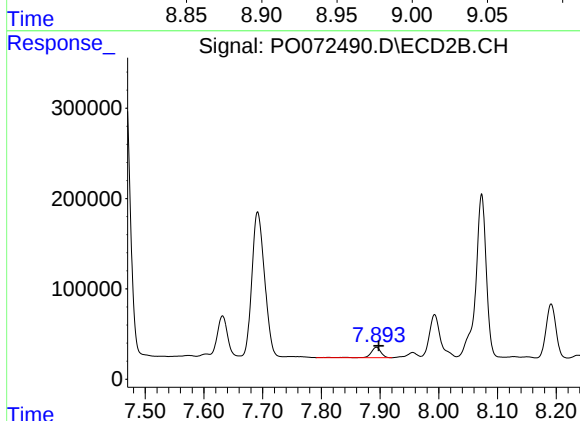
R.T.: 7.692 min
Delta R.T.: -0.010 min
Response: 2382169
Conc: 327.41 ng/ml



#43 AR-1268-3

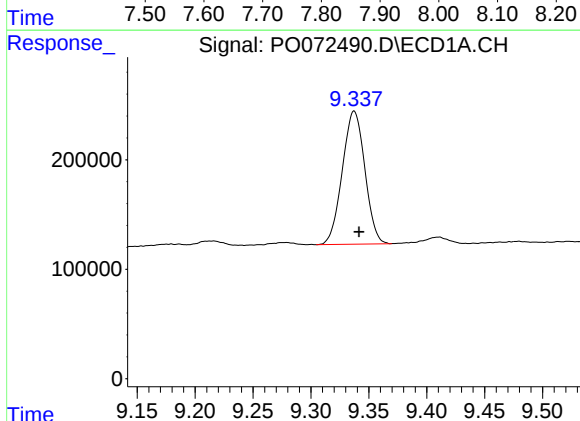
R.T.: 8.962 min
Delta R.T.: -0.010 min
Response: 261940
Conc: 18.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



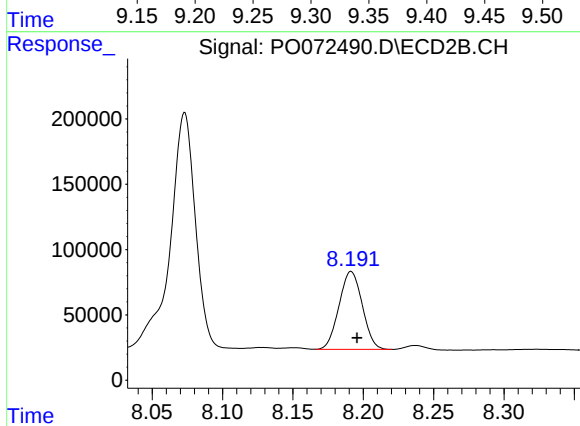
#43 AR-1268-3

R.T.: 7.894 min
Delta R.T.: -0.004 min
Response: 136426
Conc: 22.18 ng/ml



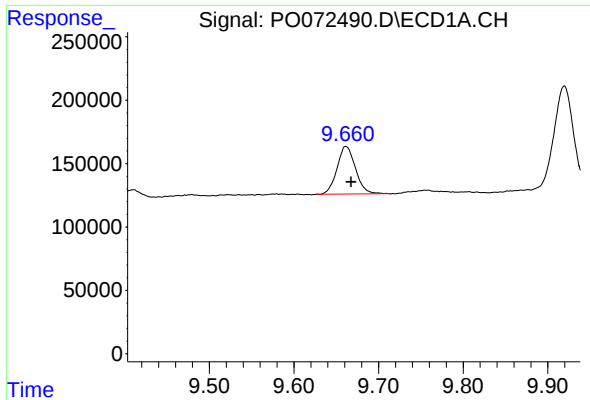
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: -0.004 min
Response: 1645639
Conc: 275.81 ng/ml



#44 AR-1268-4

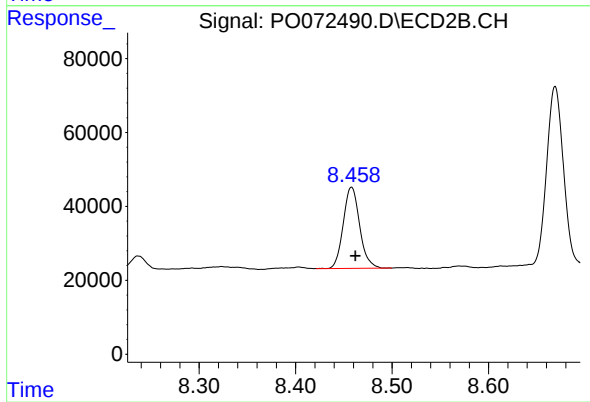
R.T.: 8.191 min
Delta R.T.: -0.004 min
Response: 687031
Conc: 243.03 ng/ml



#45 AR-1268-5

R.T.: 9.661 min
Delta R.T.: -0.006 min
Response: 570768
Conc: 13.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 260634
Conc: 13.56 ng/ml