

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121421\
 Data File : PO083686.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Dec 2021 22:40
 Operator : AJ\MA
 Sample : PB141452BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 00:06:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 07 13:18:47 2021
 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...	4.934	3.940	2004557	599994	21.011	19.289
2)	SA Decachlor...	11.001	9.233f	1294083	587642	18.115	18.013
Target Compounds							
3)	L1 AR-1016-1	6.265	5.194	1298588	538471	409.521	402.420
4)	L1 AR-1016-2	6.289	5.214	1867590	737126	419.231	402.721
5)	L1 AR-1016-3	6.355	5.404	1148749	400598	424.440	403.076
6)	L1 AR-1016-4	6.462	5.457	900115	334711	403.836	400.446
7)	L1 AR-1016-5	6.779	5.686	929954	415444	415.581	411.646
8)	L2 AR-1221-1	5.189	4.196	215994	49917	214.790	128.733 #
9)	L2 AR-1221-2	5.288	4.296	167432	62890	232.454	218.458
10)	L2 AR-1221-3	5.376	4.384	761623	273649	331.396	294.620
11)	L3 AR-1232-1	5.376	4.384	761623	273649	395.341	346.180
12)	L3 AR-1232-2	5.967	5.214	1046941	737126	1061.265	948.608
13)	L3 AR-1232-3	6.289	5.404	1867590	400598	1036.520	977.725
14)	L3 AR-1232-4	6.462	5.502	900115	396459	1008.333	1116.943
15)	L3 AR-1232-5	6.561	5.686	770876	415444	1233.307	1107.573
16)	L4 AR-1242-1	6.265	5.194	1298588	538471	580.015	561.774
17)	L4 AR-1242-2	6.289	5.214	1867590	737126	593.490	564.595
18)	L4 AR-1242-3	6.355	5.404	1148749	400598	597.547	564.772
19)	L4 AR-1242-4	6.462	5.502	900115	396459	560.257	617.135
20)	L4 AR-1242-5	7.250	6.065	97331	347727	55.818	369.255 #
21)	L5 AR-1248-1	6.265	5.194	1298588	538471	750.316	739.078
22)	L5 AR-1248-2	6.561	5.457	770876	334711	330.521	324.597
23)	L5 AR-1248-3	6.779	5.502	929954	396459	341.898	413.320
24)	L5 AR-1248-4	7.211	5.686	109184	415444	36.113	360.970 #
25)	L5 AR-1248-5	7.250	6.108	97331	50067	34.025	38.488
26)	L6 AR-1254-1	7.179	6.065	601559	347727	188.251	175.767
27)	L6 AR-1254-2	7.409	6.225	739850	333679	160.487	192.366
28)	L6 AR-1254-3	7.794	6.663	392259	597344	78.634	230.242 #
29)	L6 AR-1254-4	8.090	6.885	229369	71084	64.346	37.618 #
30)	L6 AR-1254-5	8.522	7.314	2271260	1111813	633.254	455.450 #
31)	L7 AR-1260-1	7.962	6.782	1644956	810958	476.772	419.407
32)	L7 AR-1260-2	8.229	6.981	1921444	1081404	460.347	442.485
33)	L7 AR-1260-3	8.596	7.134	1214170	864074	387.289	377.187
34)	L7 AR-1260-4	8.828	7.617	1346794	652327	384.649	358.790
35)	L7 AR-1260-5	9.157f	7.867	2736131	1654638	393.995	352.181
36)	L8 AR-1262-1	8.596	7.314	1214170	1111813	292.253	870.842 #
37)	L8 AR-1262-2	9.157f	7.867	2736131	1654638	376.665	352.887
38)	L8 AR-1262-3	9.495	8.153	1534675	327206	460.135	172.719 #
39)	L8 AR-1262-4	0.000	8.216	0	1122260	N.D.	333.608 #
40)	L8 AR-1262-5	10.242f	8.716	81644	159408	29.719	102.401 #
41)	L9 AR-1268-1	9.495	8.153	1534675	327206	173.937	58.491 #

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 ALS Vial : 28 Sample Multiplier: 1

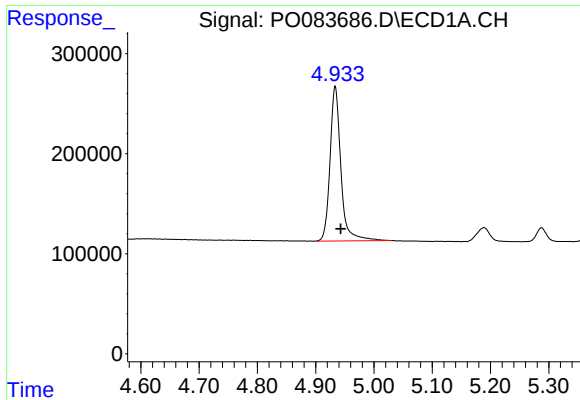
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 00:06:51 2021
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 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	0.000	8.216	0	1122260	N.D.	229.879 #
43) L9	AR-1268-3	9.795f	8.425	21539	21697	3.076	5.153 #
44) L9	AR-1268-4	10.242f	8.716	81644	159408	27.769	92.429 #
45) L9	AR-1268-5	10.661f	8.993	180841	97907	7.629	7.999

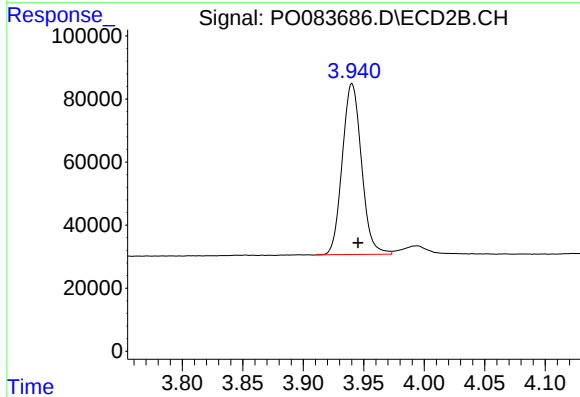
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

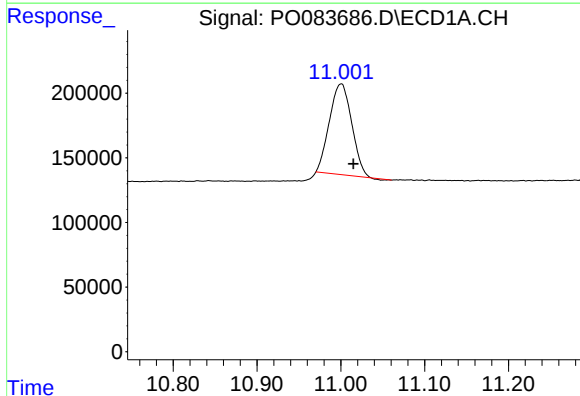
R.T.: 4.934 min
Delta R.T.: -0.009 min
Response: 2004557
Conc: 21.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



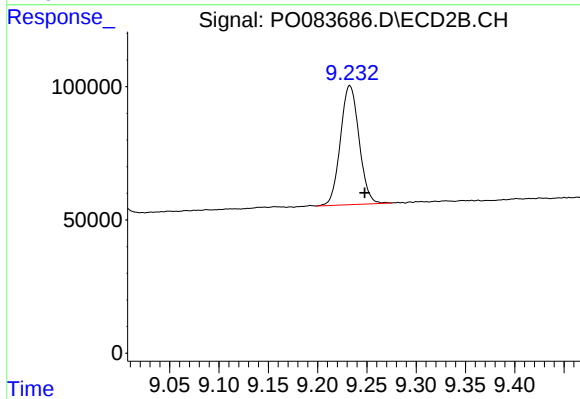
#1 Tetrachloro-m-xylene

R.T.: 3.940 min
Delta R.T.: -0.005 min
Response: 599994
Conc: 19.29 ng/ml



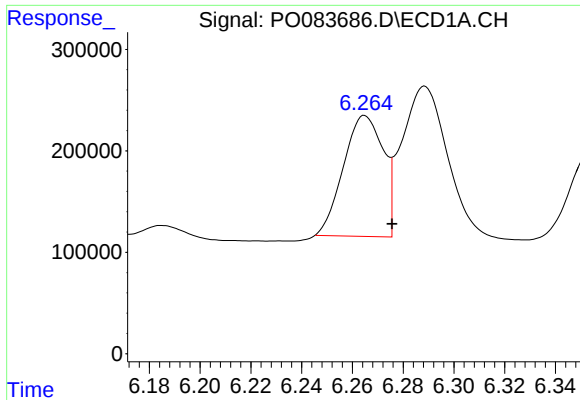
#2 Decachlorobiphenyl

R.T.: 11.001 min
Delta R.T.: -0.014 min
Response: 1294083
Conc: 18.11 ng/ml



#2 Decachlorobiphenyl

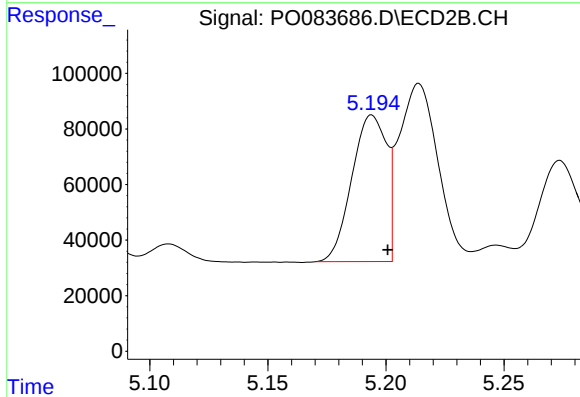
R.T.: 9.233 min
Delta R.T.: -0.015 min
Response: 587642
Conc: 18.01 ng/ml



#3 AR-1016-1

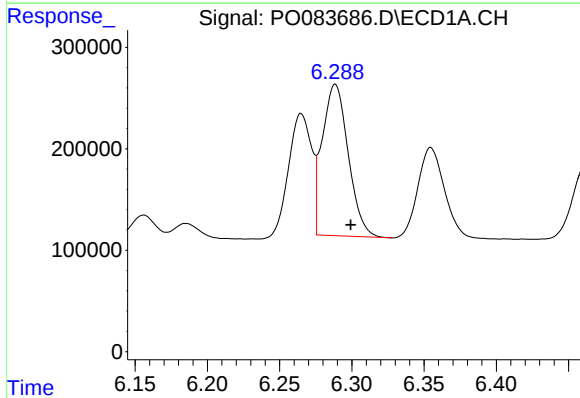
R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 1298588
Conc: 409.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



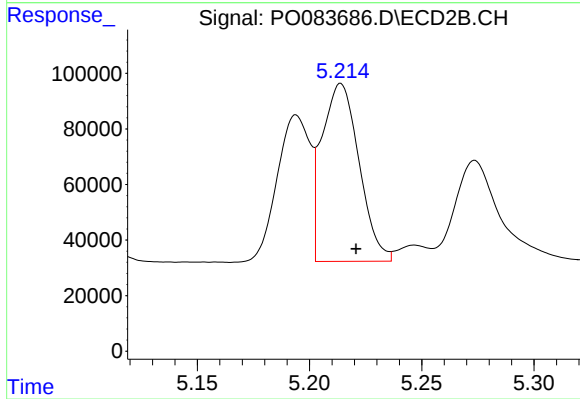
#3 AR-1016-1

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 538471
Conc: 402.42 ng/ml



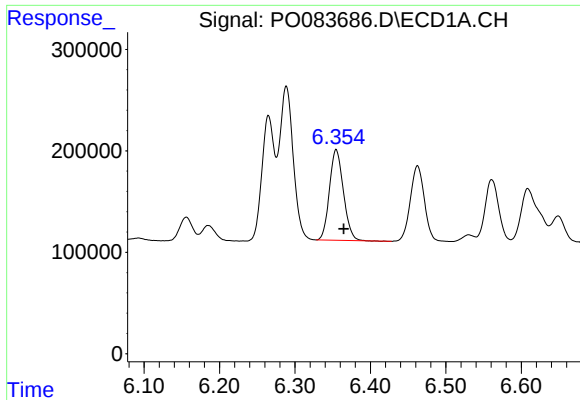
#4 AR-1016-2

R.T.: 6.289 min
Delta R.T.: -0.011 min
Response: 1867590
Conc: 419.23 ng/ml



#4 AR-1016-2

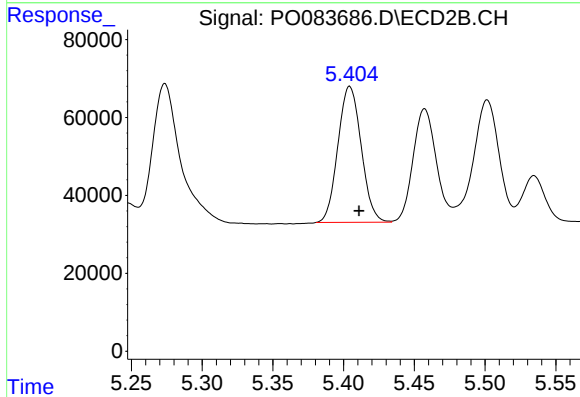
R.T.: 5.214 min
Delta R.T.: -0.007 min
Response: 737126
Conc: 402.72 ng/ml



#5 AR-1016-3

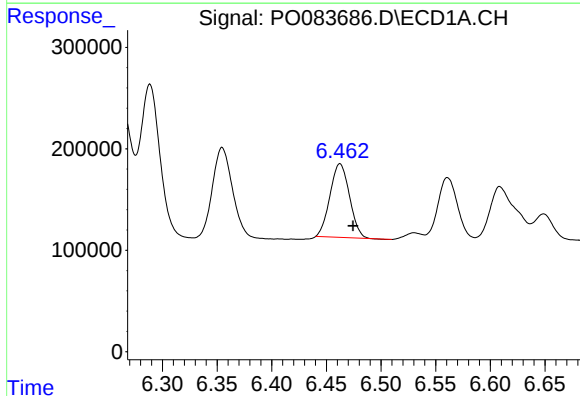
R.T.: 6.355 min
Delta R.T.: -0.010 min
Response: 1148749
Conc: 424.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



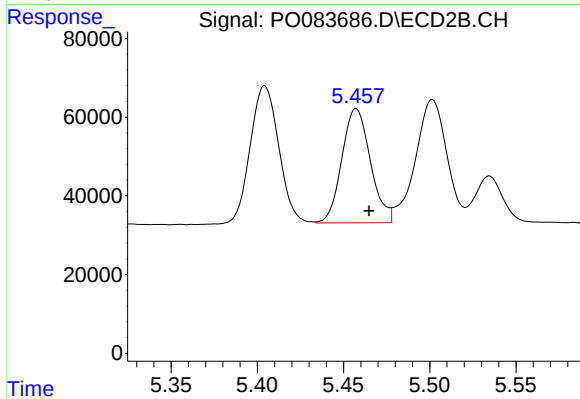
#5 AR-1016-3

R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 400598
Conc: 403.08 ng/ml



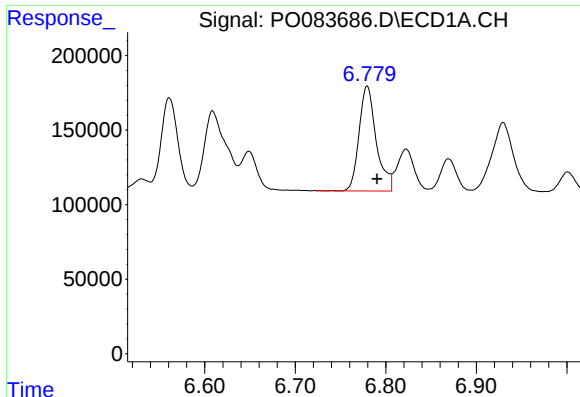
#6 AR-1016-4

R.T.: 6.462 min
Delta R.T.: -0.012 min
Response: 900115
Conc: 403.84 ng/ml



#6 AR-1016-4

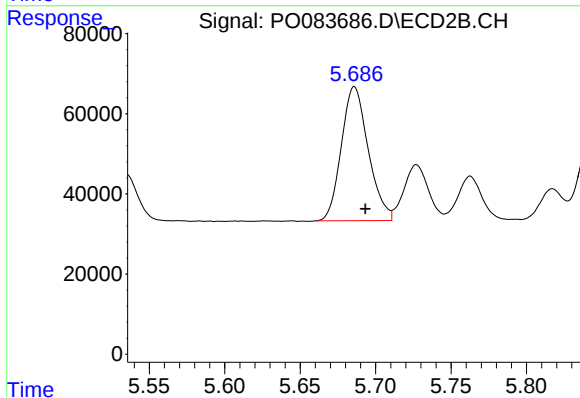
R.T.: 5.457 min
Delta R.T.: -0.007 min
Response: 334711
Conc: 400.45 ng/ml



#7 AR-1016-5

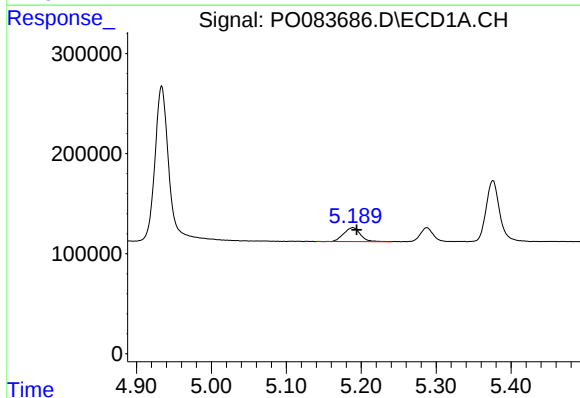
R.T.: 6.779 min
Delta R.T.: -0.011 min
Response: 929954
Conc: 415.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



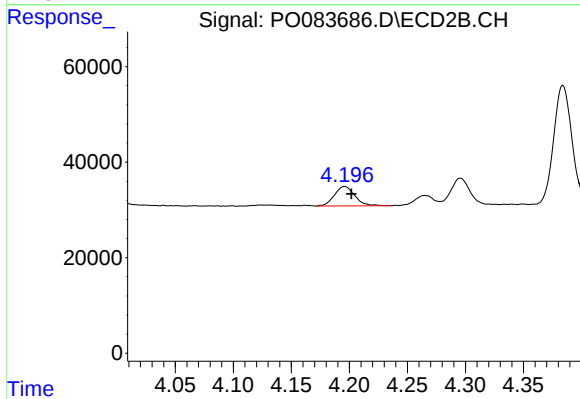
#7 AR-1016-5

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 415444
Conc: 411.65 ng/ml



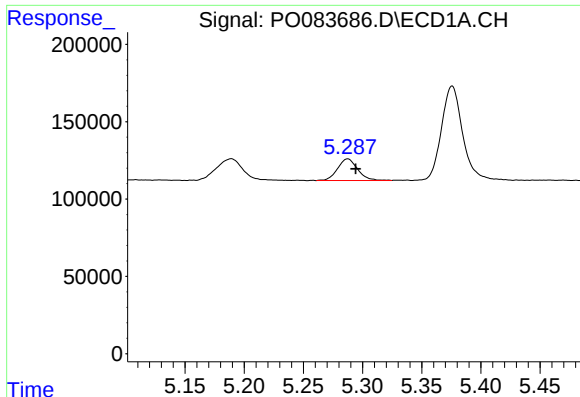
#8 AR-1221-1

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 215994
Conc: 214.79 ng/ml



#8 AR-1221-1

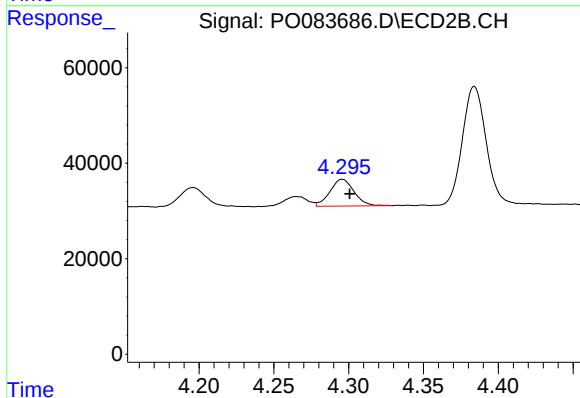
R.T.: 4.196 min
Delta R.T.: -0.006 min
Response: 49917
Conc: 128.73 ng/ml



#9 AR-1221-2

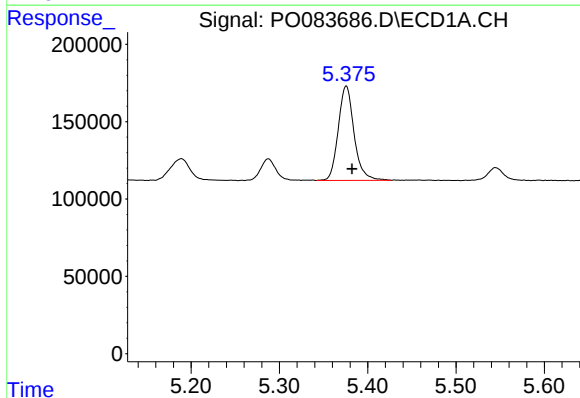
R.T.: 5.288 min
Delta R.T.: -0.007 min
Response: 167432
Conc: 232.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



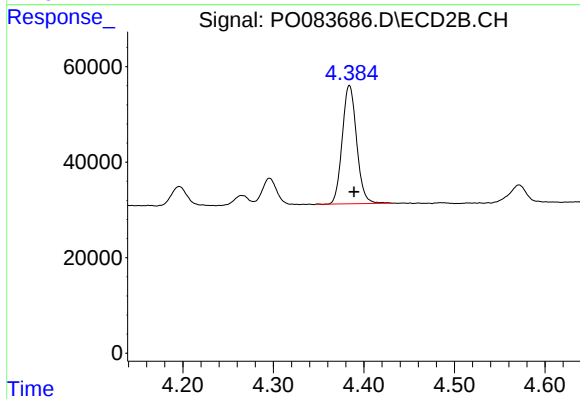
#9 AR-1221-2

R.T.: 4.296 min
Delta R.T.: -0.005 min
Response: 62890
Conc: 218.46 ng/ml



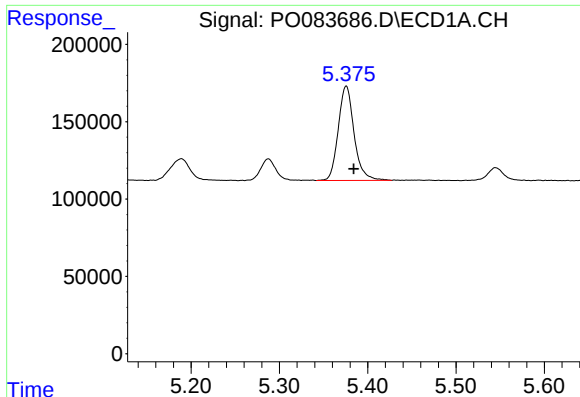
#10 AR-1221-3

R.T.: 5.376 min
Delta R.T.: -0.007 min
Response: 761623
Conc: 331.40 ng/ml



#10 AR-1221-3

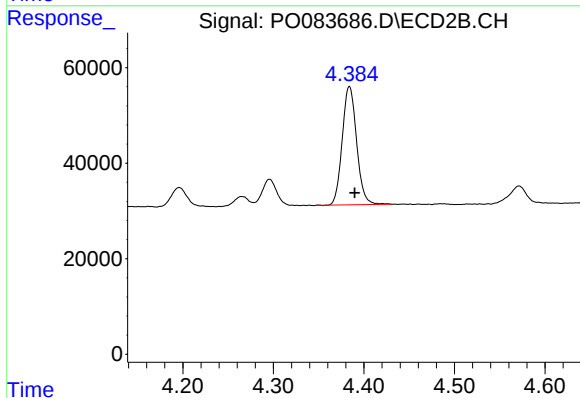
R.T.: 4.384 min
Delta R.T.: -0.005 min
Response: 273649
Conc: 294.62 ng/ml



#11 AR-1232-1

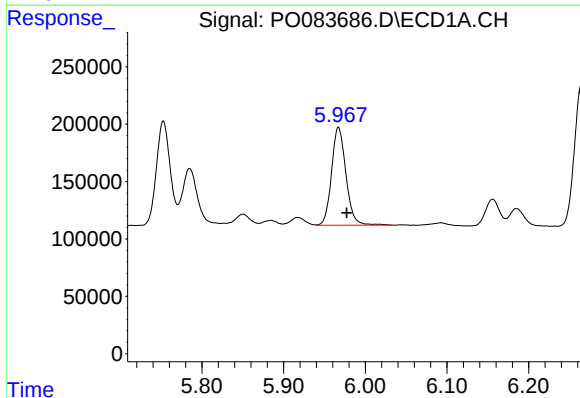
R.T.: 5.376 min
Delta R.T.: -0.008 min
Response: 761623
Conc: 395.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



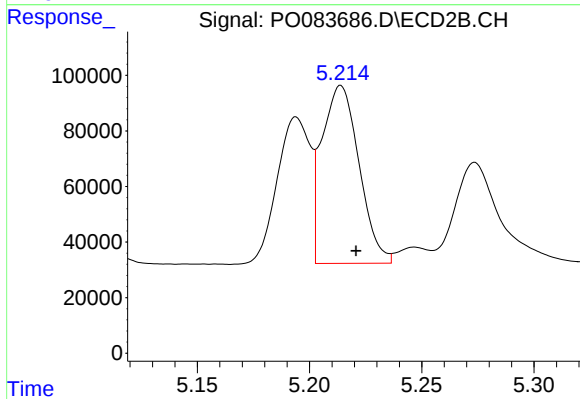
#11 AR-1232-1

R.T.: 4.384 min
Delta R.T.: -0.006 min
Response: 273649
Conc: 346.18 ng/ml



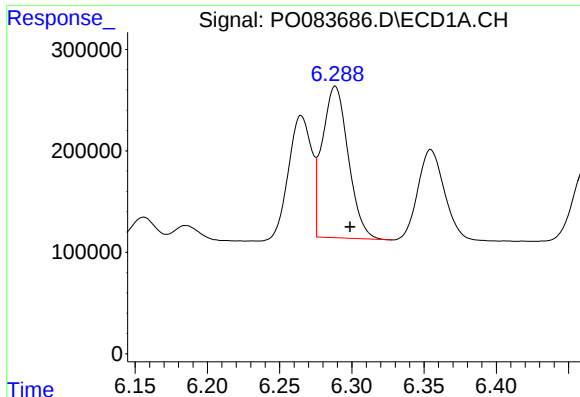
#12 AR-1232-2

R.T.: 5.967 min
Delta R.T.: -0.010 min
Response: 1046941
Conc: 1061.26 ng/ml



#12 AR-1232-2

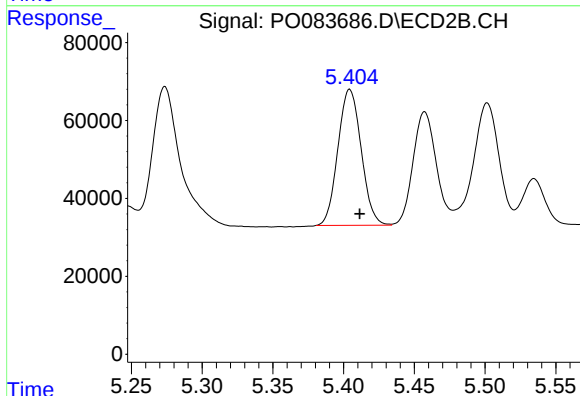
R.T.: 5.214 min
Delta R.T.: -0.007 min
Response: 737126
Conc: 948.61 ng/ml



#13 AR-1232-3

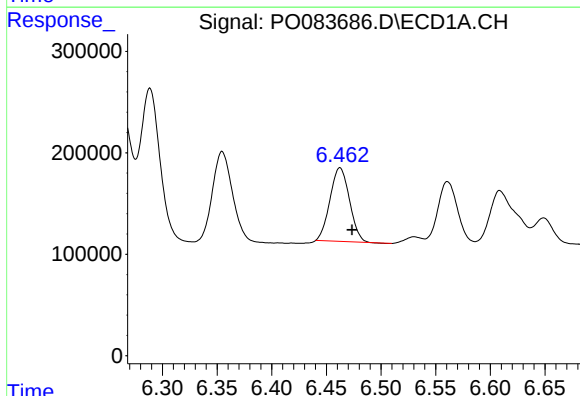
R.T.: 6.289 min
Delta R.T.: -0.010 min
Response: 1867590
Conc: 1036.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



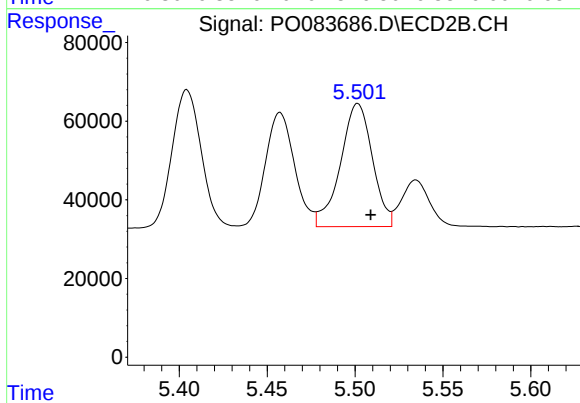
#13 AR-1232-3

R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 400598
Conc: 977.73 ng/ml



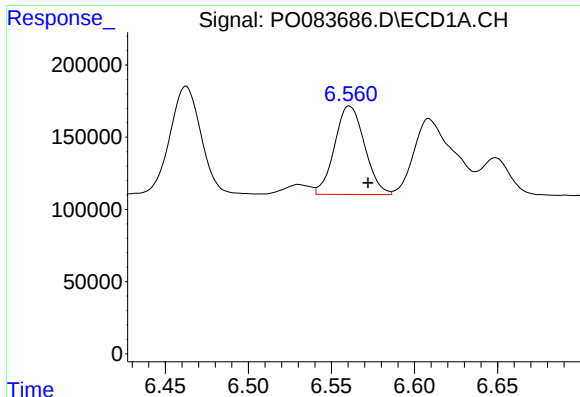
#14 AR-1232-4

R.T.: 6.462 min
Delta R.T.: -0.011 min
Response: 900115
Conc: 1008.33 ng/ml



#14 AR-1232-4

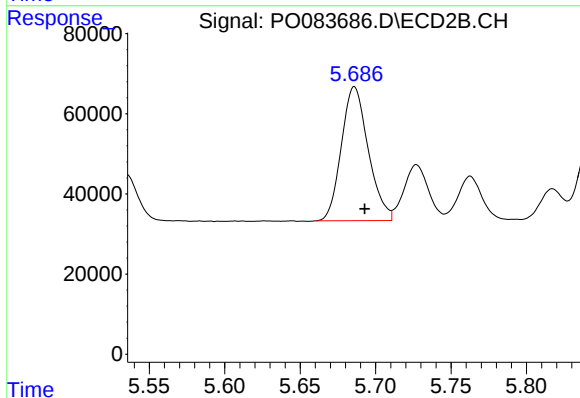
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 396459
Conc: 1116.94 ng/ml



#15 AR-1232-5

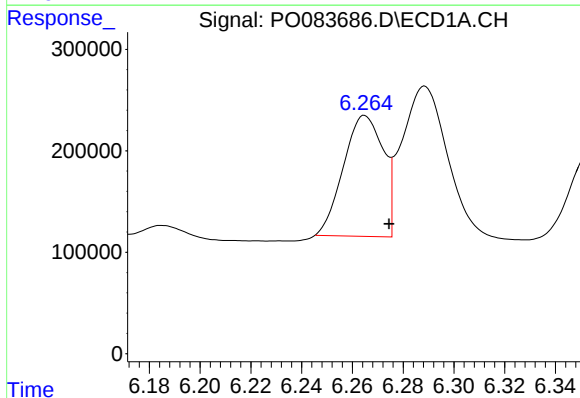
R.T.: 6.561 min
Delta R.T.: -0.011 min
Response: 770876
Conc: 1233.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



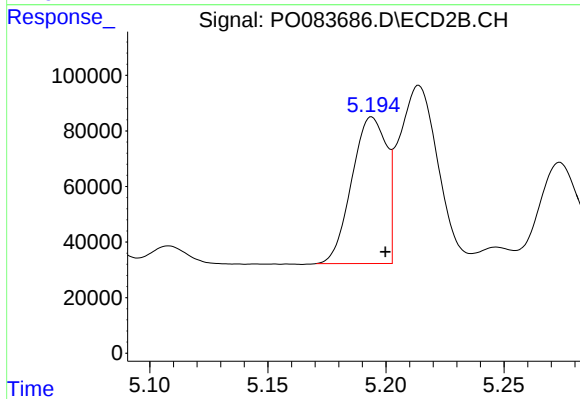
#15 AR-1232-5

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 415444
Conc: 1107.57 ng/ml



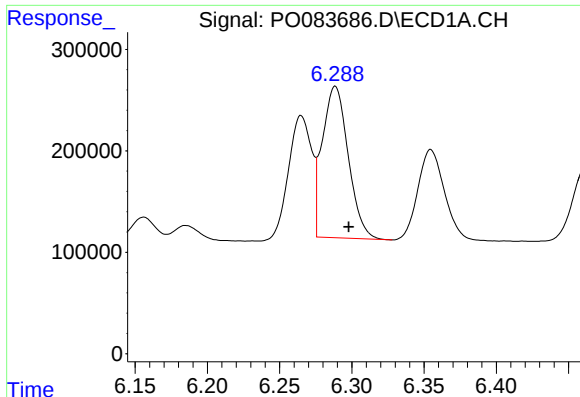
#16 AR-1242-1

R.T.: 6.265 min
Delta R.T.: -0.010 min
Response: 1298588
Conc: 580.01 ng/ml



#16 AR-1242-1

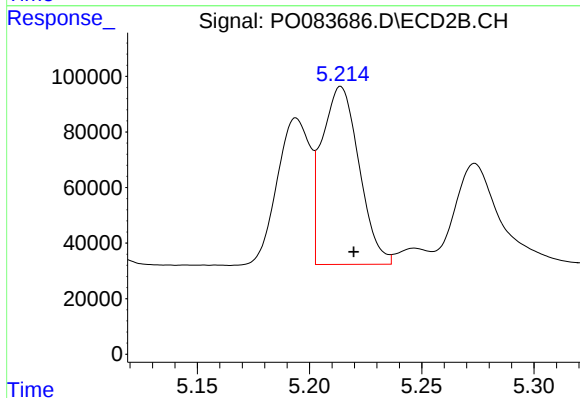
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 538471
Conc: 561.77 ng/ml



#17 AR-1242-2

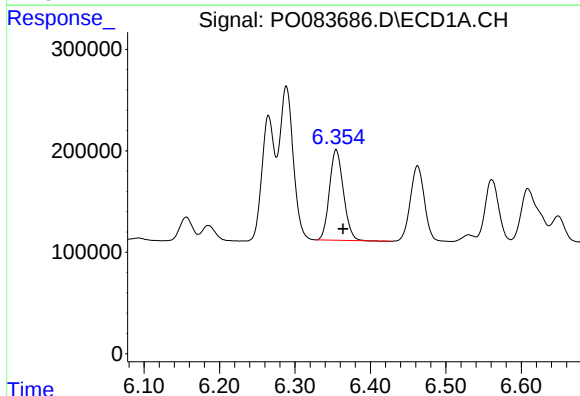
R.T.: 6.289 min
Delta R.T.: -0.009 min
Response: 1867590
Conc: 593.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



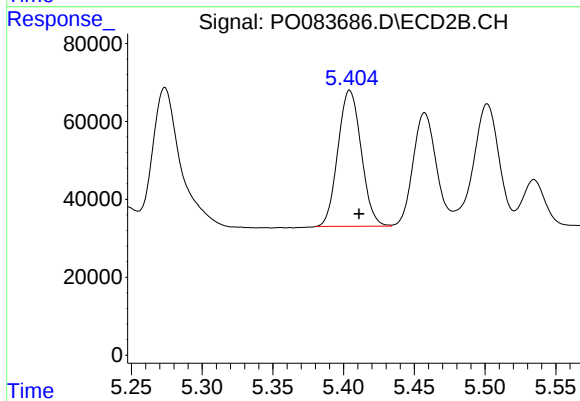
#17 AR-1242-2

R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 737126
Conc: 564.59 ng/ml



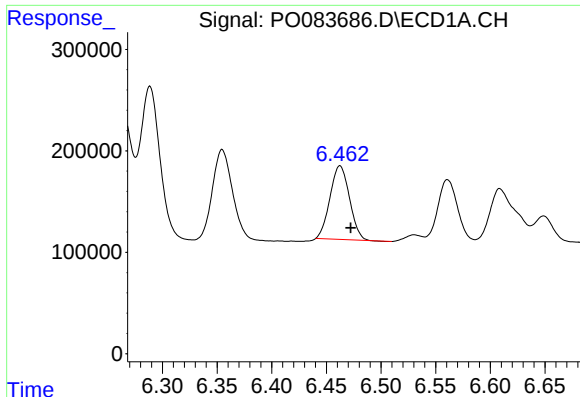
#18 AR-1242-3

R.T.: 6.355 min
Delta R.T.: -0.009 min
Response: 1148749
Conc: 597.55 ng/ml



#18 AR-1242-3

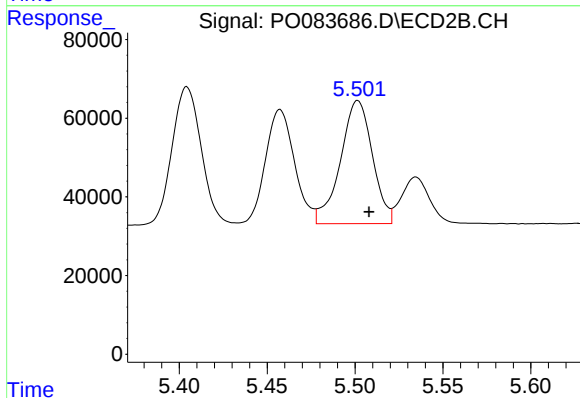
R.T.: 5.404 min
Delta R.T.: -0.006 min
Response: 400598
Conc: 564.77 ng/ml



#19 AR-1242-4

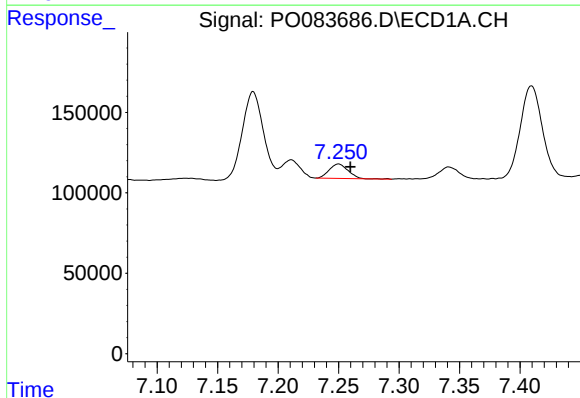
R.T.: 6.462 min
Delta R.T.: -0.010 min
Response: 900115
Conc: 560.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



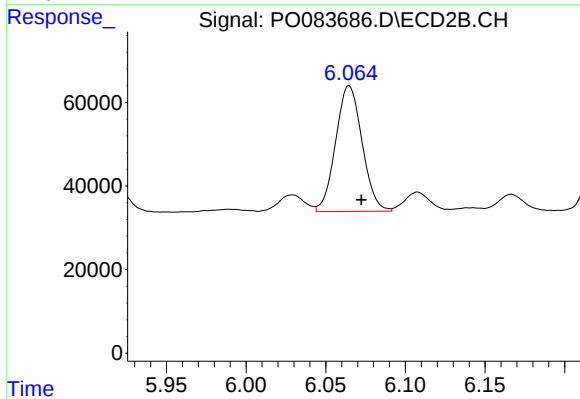
#19 AR-1242-4

R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 396459
Conc: 617.14 ng/ml



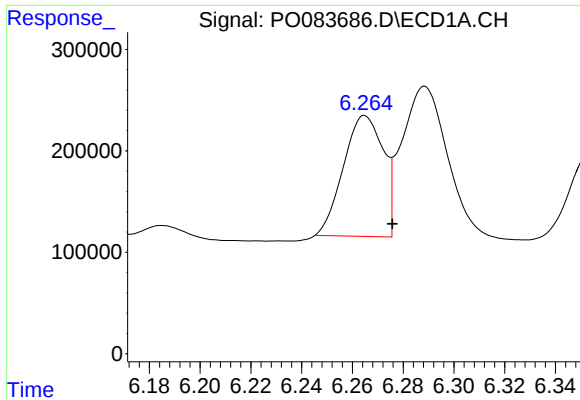
#20 AR-1242-5

R.T.: 7.250 min
Delta R.T.: -0.010 min
Response: 97331
Conc: 55.82 ng/ml



#20 AR-1242-5

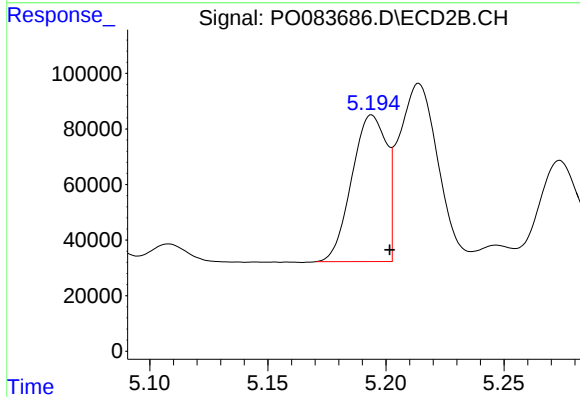
R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 347727
Conc: 369.25 ng/ml



#21 AR-1248-1

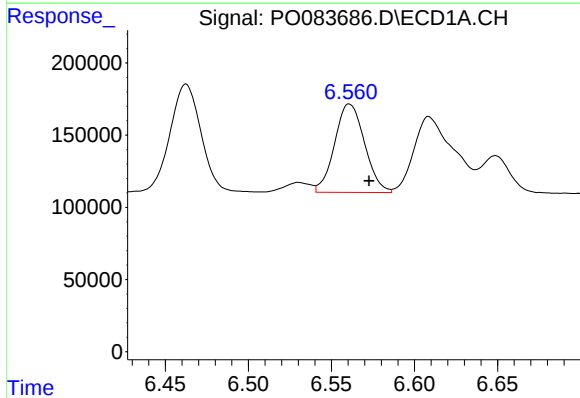
R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 1298588
Conc: 750.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



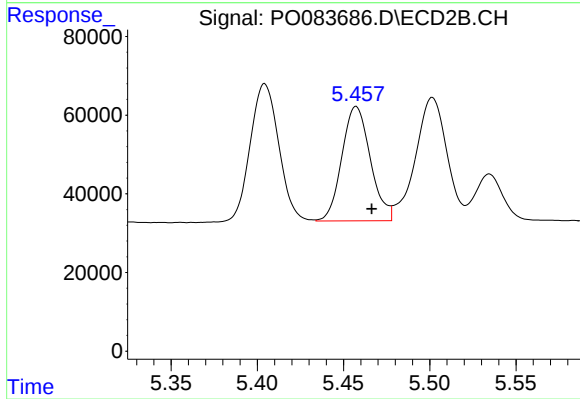
#21 AR-1248-1

R.T.: 5.194 min
Delta R.T.: -0.008 min
Response: 538471
Conc: 739.08 ng/ml



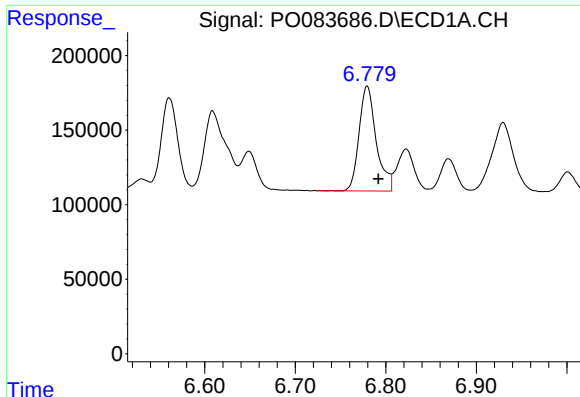
#22 AR-1248-2

R.T.: 6.561 min
Delta R.T.: -0.012 min
Response: 770876
Conc: 330.52 ng/ml



#22 AR-1248-2

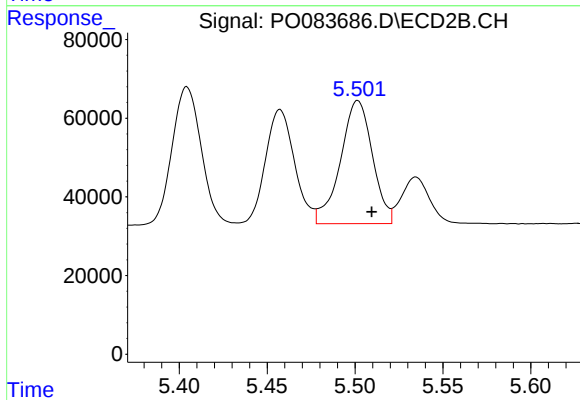
R.T.: 5.457 min
Delta R.T.: -0.009 min
Response: 334711
Conc: 324.60 ng/ml



#23 AR-1248-3

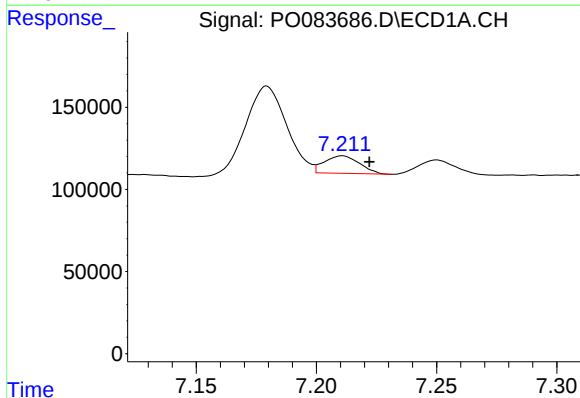
R.T.: 6.779 min
Delta R.T.: -0.012 min
Response: 929954
Conc: 341.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



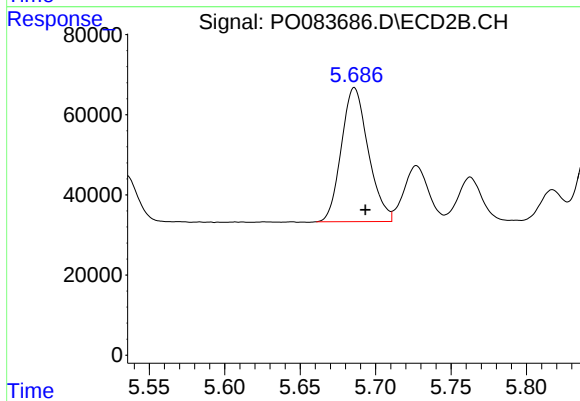
#23 AR-1248-3

R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 396459
Conc: 413.32 ng/ml



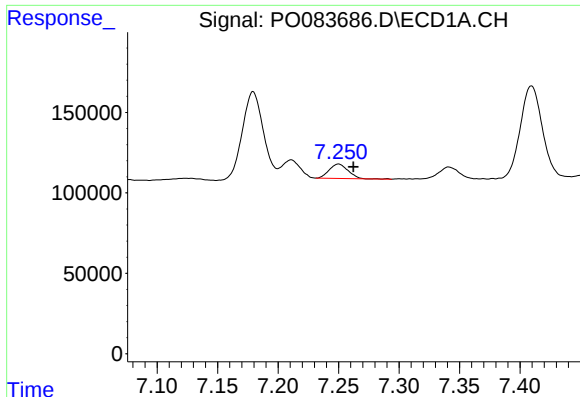
#24 AR-1248-4

R.T.: 7.211 min
Delta R.T.: -0.011 min
Response: 109184
Conc: 36.11 ng/ml



#24 AR-1248-4

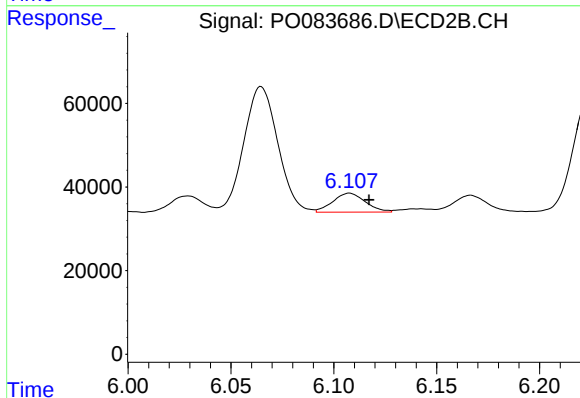
R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 415444
Conc: 360.97 ng/ml



#25 AR-1248-5

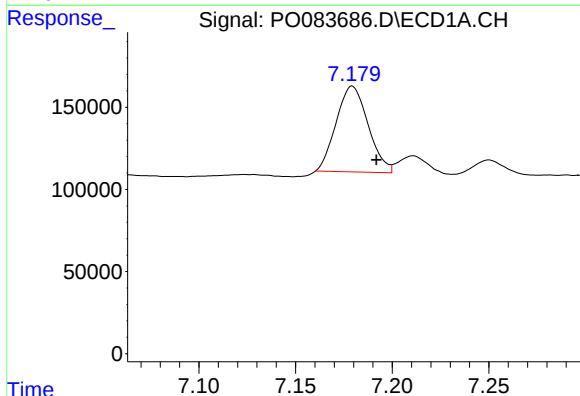
R.T.: 7.250 min
Delta R.T.: -0.012 min
Response: 97331
Conc: 34.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



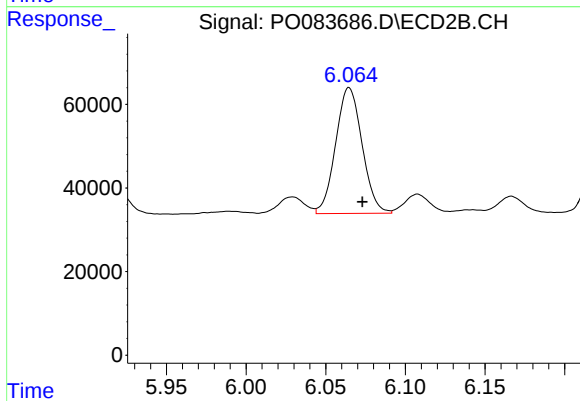
#25 AR-1248-5

R.T.: 6.108 min
Delta R.T.: -0.009 min
Response: 50067
Conc: 38.49 ng/ml



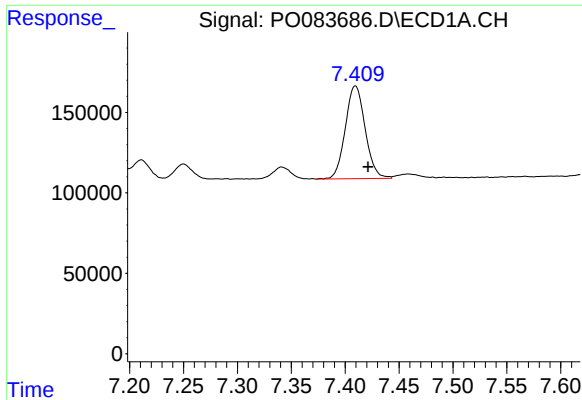
#26 AR-1254-1

R.T.: 7.179 min
Delta R.T.: -0.012 min
Response: 601559
Conc: 188.25 ng/ml



#26 AR-1254-1

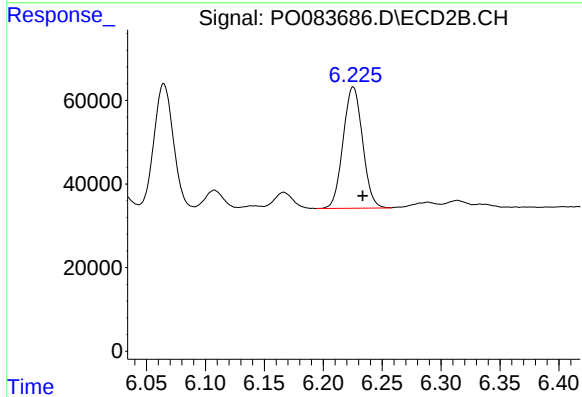
R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 347727
Conc: 175.77 ng/ml



#27 AR-1254-2

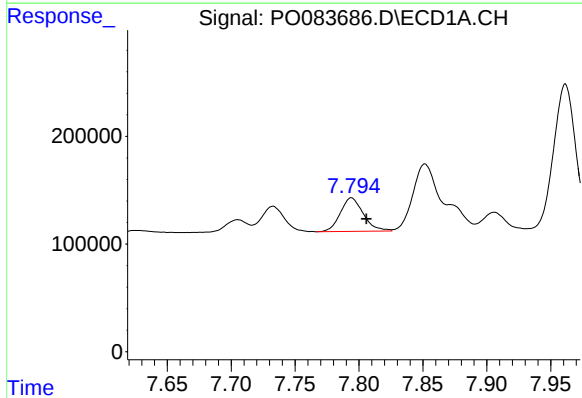
R.T.: 7.409 min
Delta R.T.: -0.012 min
Response: 739850
Conc: 160.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



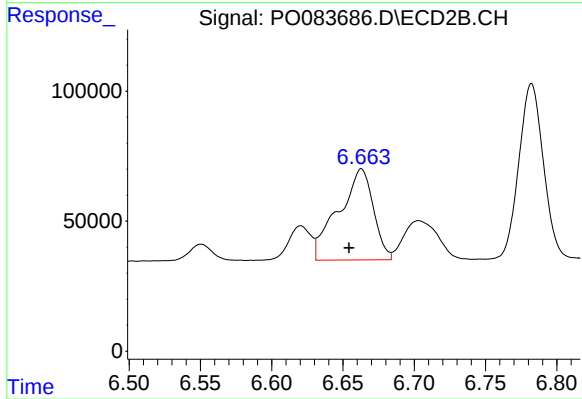
#27 AR-1254-2

R.T.: 6.225 min
Delta R.T.: -0.008 min
Response: 333679
Conc: 192.37 ng/ml



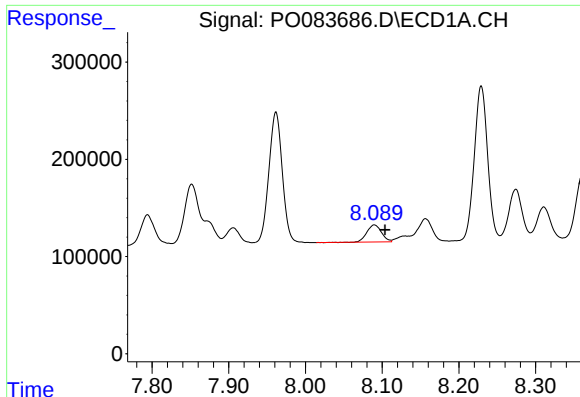
#28 AR-1254-3

R.T.: 7.794 min
Delta R.T.: -0.012 min
Response: 392259
Conc: 78.63 ng/ml



#28 AR-1254-3

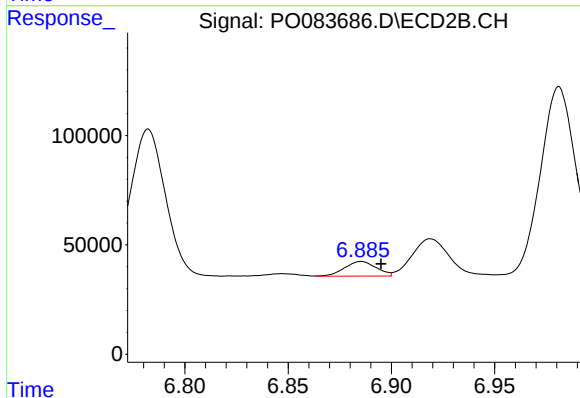
R.T.: 6.663 min
Delta R.T.: 0.009 min
Response: 597344
Conc: 230.24 ng/ml



#29 AR-1254-4

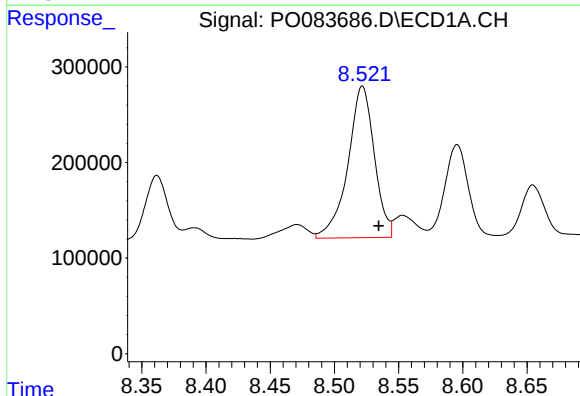
R.T.: 8.090 min
Delta R.T.: -0.014 min
Response: 229369
Conc: 64.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



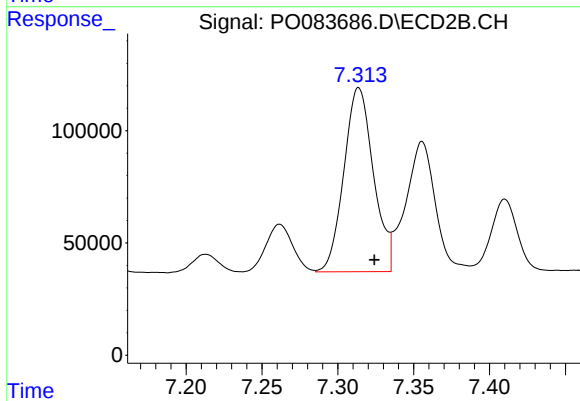
#29 AR-1254-4

R.T.: 6.885 min
Delta R.T.: -0.010 min
Response: 71084
Conc: 37.62 ng/ml



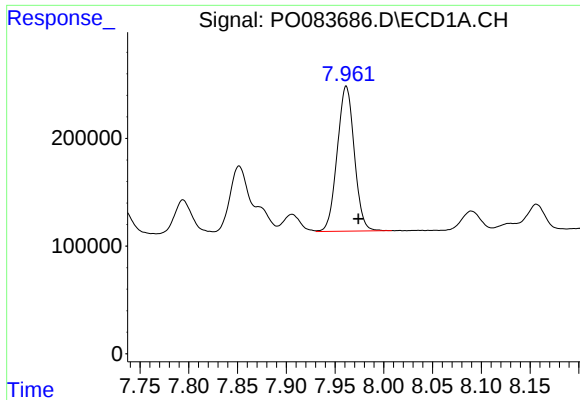
#30 AR-1254-5

R.T.: 8.522 min
Delta R.T.: -0.013 min
Response: 2271260
Conc: 633.25 ng/ml



#30 AR-1254-5

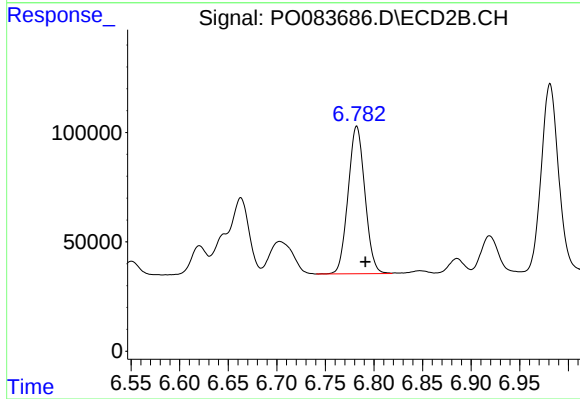
R.T.: 7.314 min
Delta R.T.: -0.010 min
Response: 1111813
Conc: 455.45 ng/ml



#31 AR-1260-1

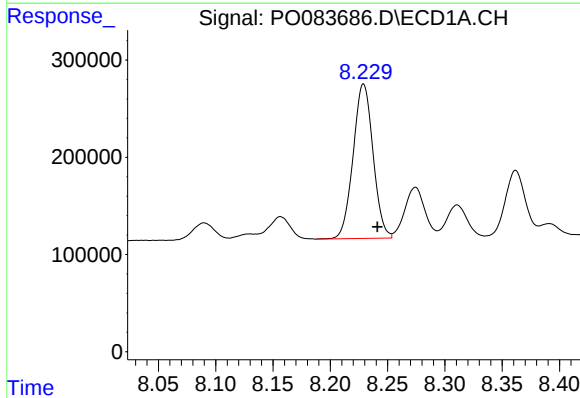
R.T.: 7.962 min
Delta R.T.: -0.012 min
Response: 1644956
Conc: 476.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



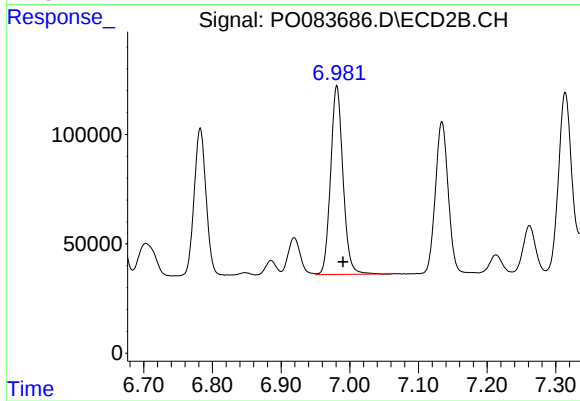
#31 AR-1260-1

R.T.: 6.782 min
Delta R.T.: -0.009 min
Response: 810958
Conc: 419.41 ng/ml



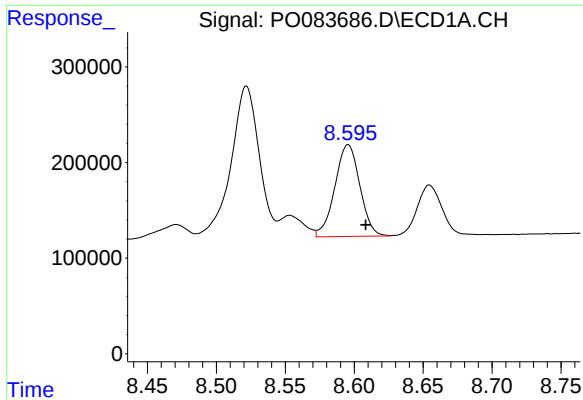
#32 AR-1260-2

R.T.: 8.229 min
Delta R.T.: -0.012 min
Response: 1921444
Conc: 460.35 ng/ml



#32 AR-1260-2

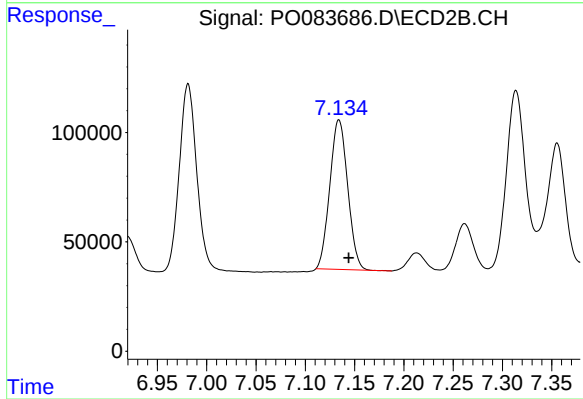
R.T.: 6.981 min
Delta R.T.: -0.009 min
Response: 1081404
Conc: 442.48 ng/ml



#33 AR-1260-3

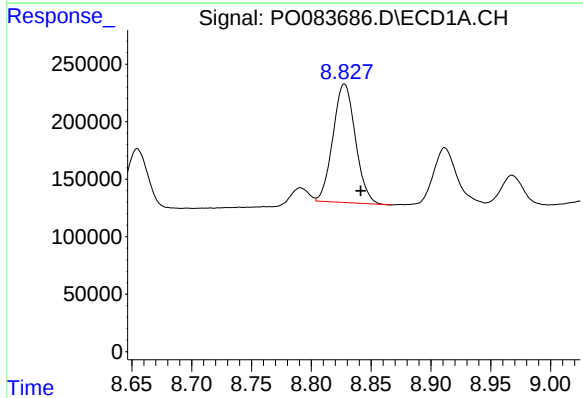
R.T.: 8.596 min
Delta R.T.: -0.013 min
Response: 1214170
Conc: 387.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



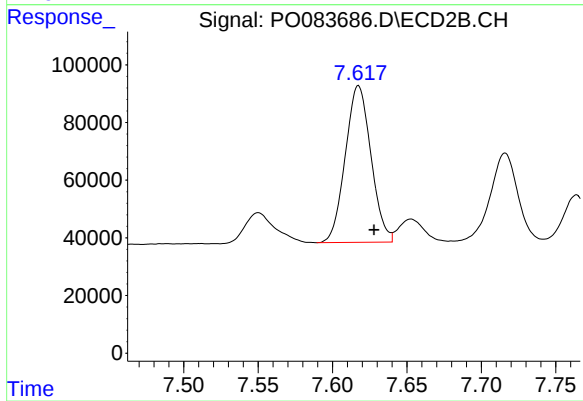
#33 AR-1260-3

R.T.: 7.134 min
Delta R.T.: -0.010 min
Response: 864074
Conc: 377.19 ng/ml



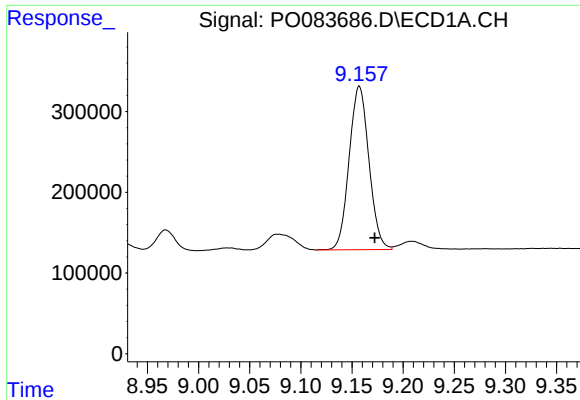
#34 AR-1260-4

R.T.: 8.828 min
Delta R.T.: -0.014 min
Response: 1346794
Conc: 384.65 ng/ml



#34 AR-1260-4

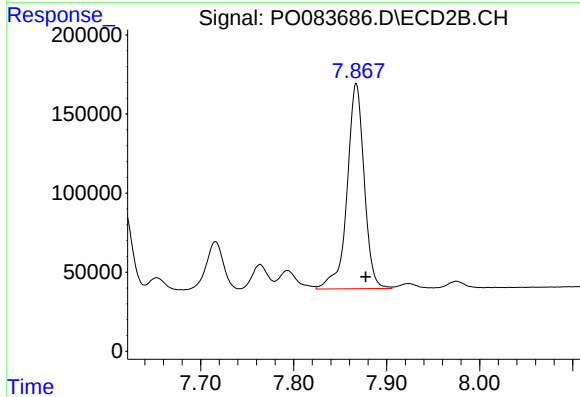
R.T.: 7.617 min
Delta R.T.: -0.010 min
Response: 652327
Conc: 358.79 ng/ml



#35 AR-1260-5

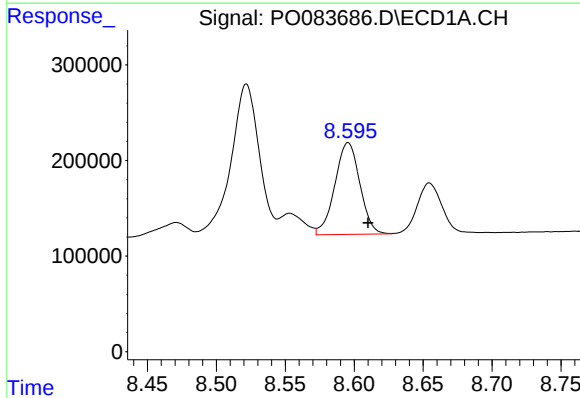
R.T.: 9.157 min
Delta R.T.: -0.015 min
Response: 2736131
Conc: 393.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



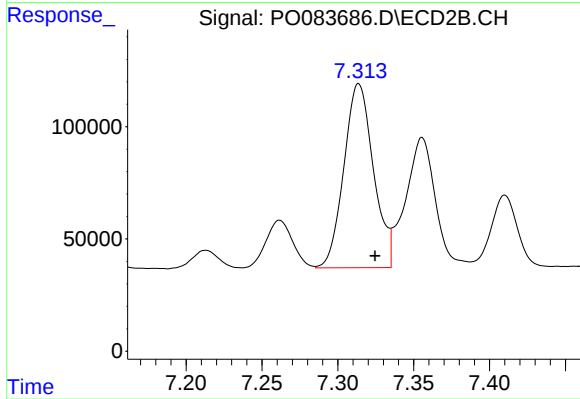
#35 AR-1260-5

R.T.: 7.867 min
Delta R.T.: -0.010 min
Response: 1654638
Conc: 352.18 ng/ml



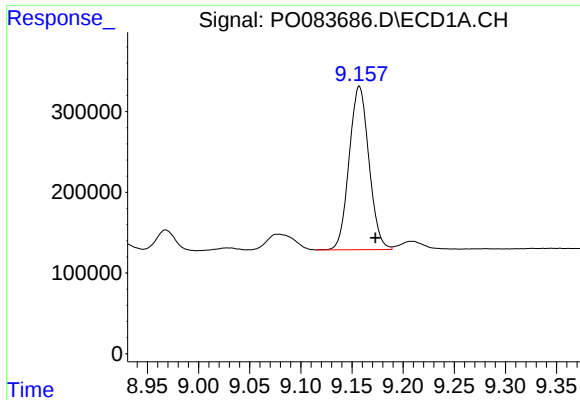
#36 AR-1262-1

R.T.: 8.596 min
Delta R.T.: -0.014 min
Response: 1214170
Conc: 292.25 ng/ml



#36 AR-1262-1

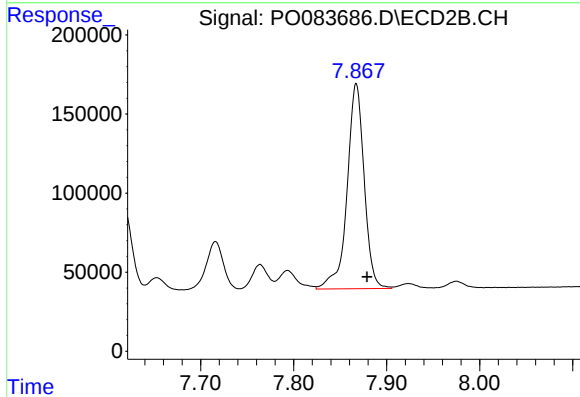
R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 1111813
Conc: 870.84 ng/ml



#37 AR-1262-2

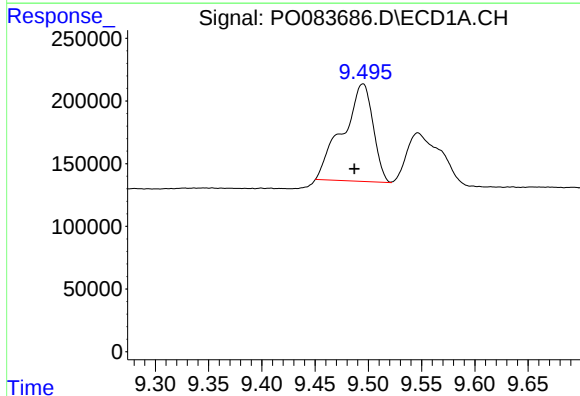
R.T.: 9.157 min
Delta R.T.: -0.016 min
Response: 2736131
Conc: 376.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



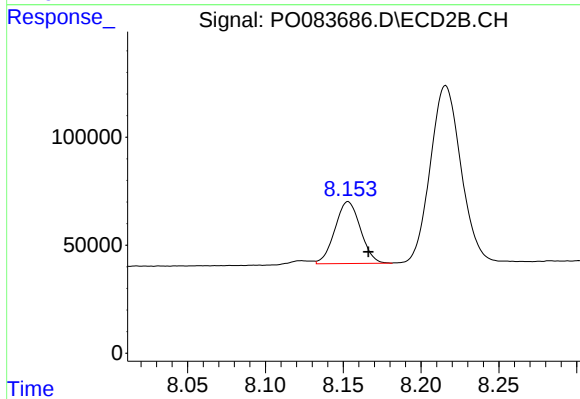
#37 AR-1262-2

R.T.: 7.867 min
Delta R.T.: -0.012 min
Response: 1654638
Conc: 352.89 ng/ml



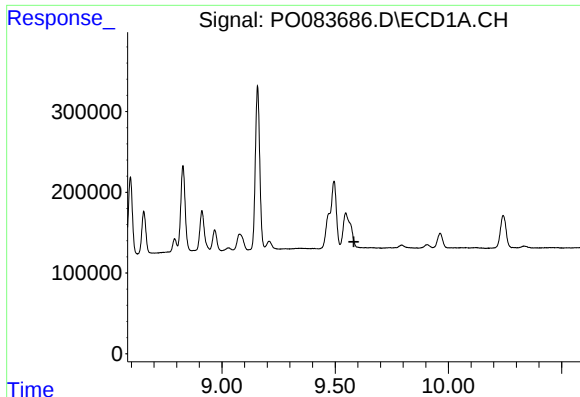
#38 AR-1262-3

R.T.: 9.495 min
Delta R.T.: 0.008 min
Response: 1534675
Conc: 460.13 ng/ml



#38 AR-1262-3

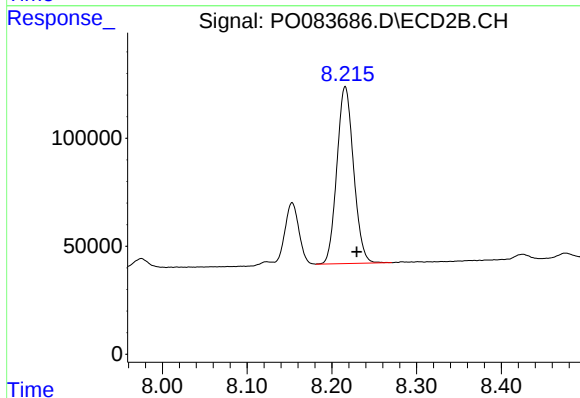
R.T.: 8.153 min
Delta R.T.: -0.013 min
Response: 327206
Conc: 172.72 ng/ml



#39 AR-1262-4

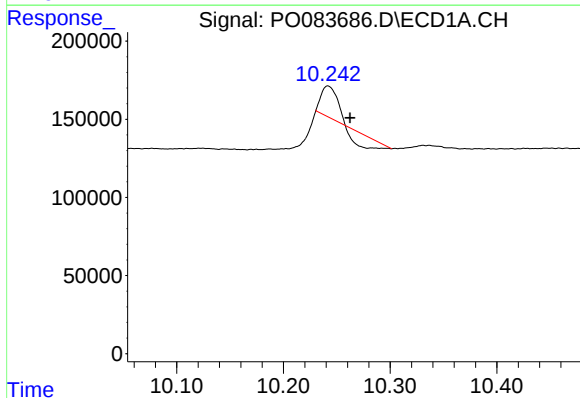
R.T.: 0.000 min
Exp R.T.: 9.583 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



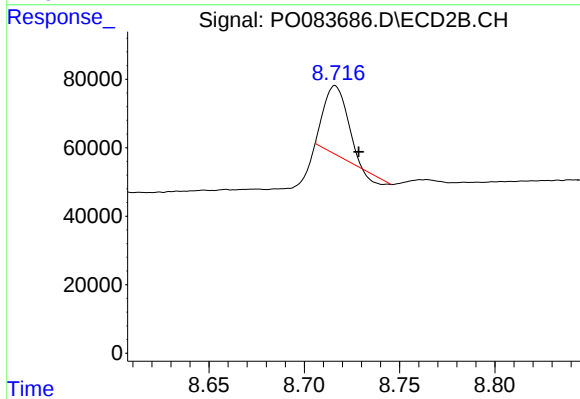
#39 AR-1262-4

R.T.: 8.216 min
Delta R.T.: -0.014 min
Response: 1122260
Conc: 333.61 ng/ml



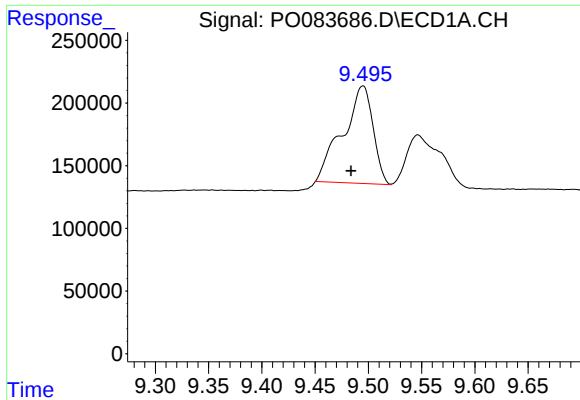
#40 AR-1262-5

R.T.: 10.242 min
Delta R.T.: -0.021 min
Response: 81644
Conc: 29.72 ng/ml



#40 AR-1262-5

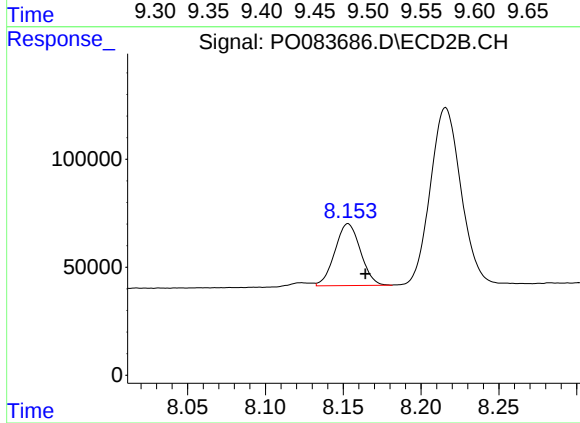
R.T.: 8.716 min
Delta R.T.: -0.012 min
Response: 159408
Conc: 102.40 ng/ml



#41 AR-1268-1

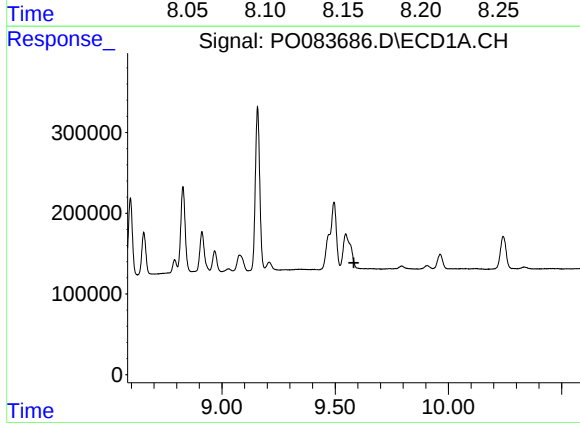
R.T.: 9.495 min
Delta R.T.: 0.011 min
Response: 1534675
Conc: 173.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



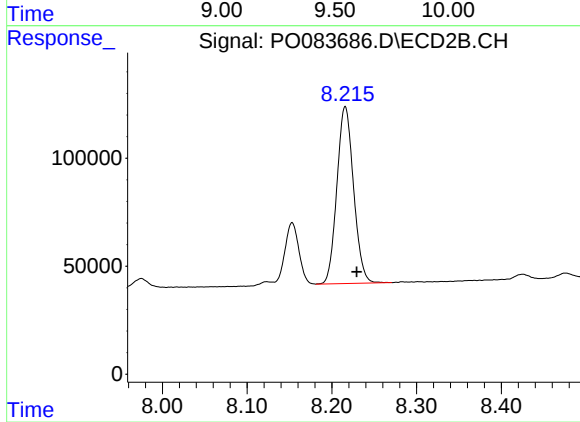
#41 AR-1268-1

R.T.: 8.153 min
Delta R.T.: -0.011 min
Response: 327206
Conc: 58.49 ng/ml



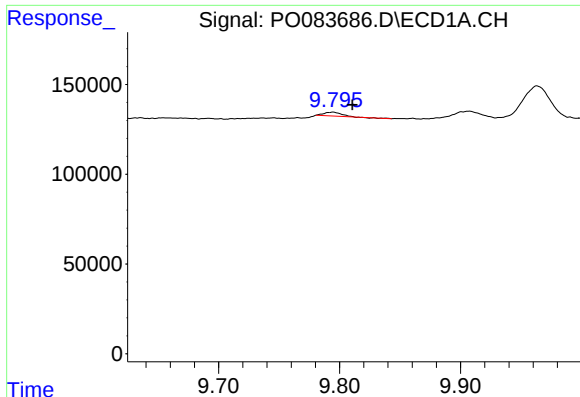
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.583 min
Response: 0
Conc: N.D.



#42 AR-1268-2

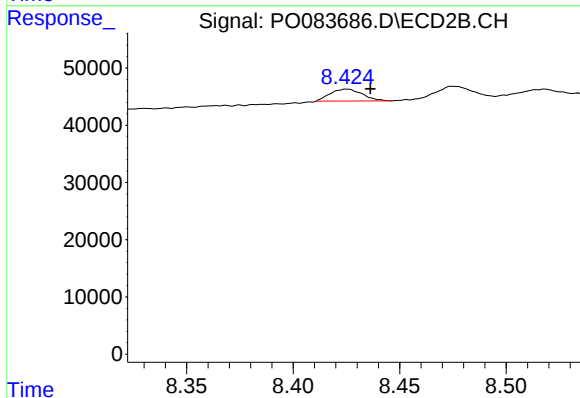
R.T.: 8.216 min
Delta R.T.: -0.013 min
Response: 1122260
Conc: 229.88 ng/ml



#43 AR-1268-3

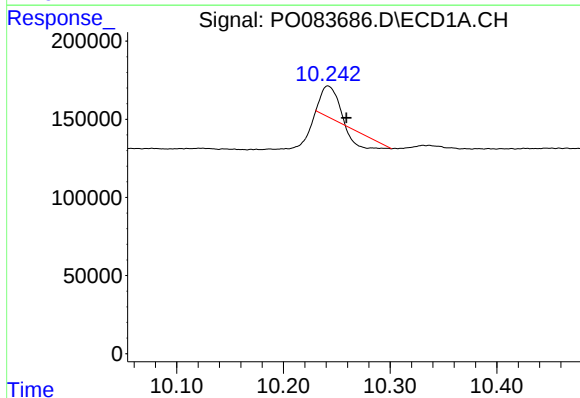
R.T.: 9.795 min
Delta R.T.: -0.016 min
Response: 21539
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



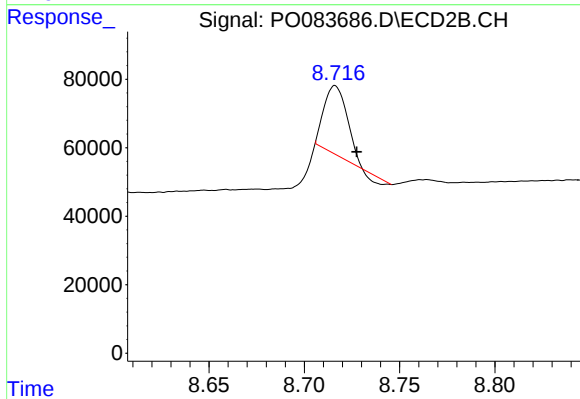
#43 AR-1268-3

R.T.: 8.425 min
Delta R.T.: -0.011 min
Response: 21697
Conc: 5.15 ng/ml



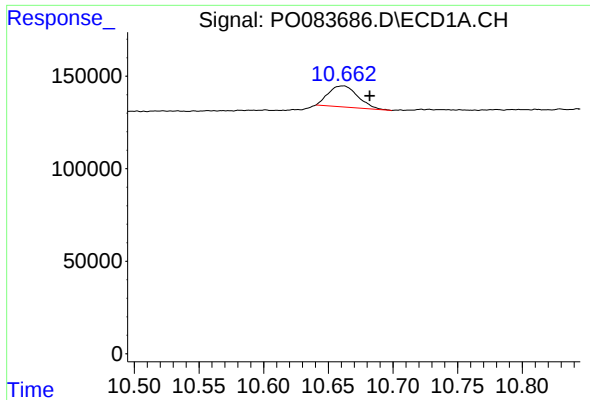
#44 AR-1268-4

R.T.: 10.242 min
Delta R.T.: -0.017 min
Response: 81644
Conc: 27.77 ng/ml



#44 AR-1268-4

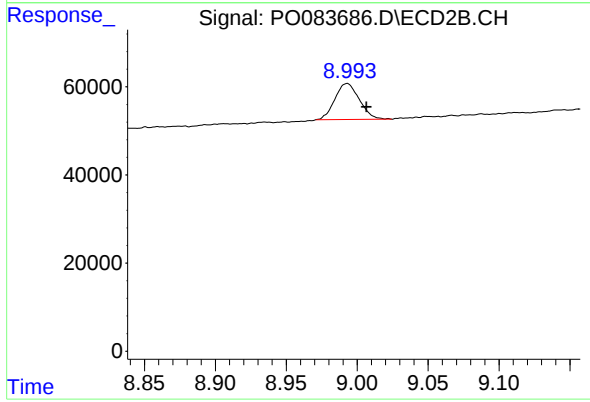
R.T.: 8.716 min
Delta R.T.: -0.011 min
Response: 159408
Conc: 92.43 ng/ml



#45 AR-1268-5

R.T.: 10.661 min
Delta R.T.: -0.021 min
Response: 180841
Conc: 7.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.993 min
Delta R.T.: -0.014 min
Response: 97907
Conc: 8.00 ng/ml