

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103119\
 Data File : PO063371.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Oct 2019 19:22
 Operator : HP/AJ
 Sample : K5146-15MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CL-01-103019MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:17:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102919.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 02:25:39 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...	4.315	3.480	1023348	1198439	17.559	21.944
2)	SA Decachlor...	9.935	8.321	806127	500484	13.855	11.707
Target Compounds							
3)	L1 AR-1016-1	5.475	4.522	501493	390766	229.393	208.576
4)	L1 AR-1016-2	5.497	4.539	717982	638856	229.182	234.225
5)	L1 AR-1016-3	5.558	4.708	431425	318399	230.281	229.415
6)	L1 AR-1016-4	5.656	4.750	410156	244449	259.743	218.870
7)	L1 AR-1016-5	5.947	4.955	271872	314135	178.465	208.517
8)	L2 AR-1221-1	0.000	3.684	0	40599	N.D.	78.518 #
9)	L2 AR-1221-2	0.000	3.768	0	53868	N.D.	139.522 #
10)	L2 AR-1221-3	4.686	3.840	282988	238942	204.821	194.323
11)	L3 AR-1232-1	4.686	3.840	282988	238942	148.305	139.996
12)	L3 AR-1232-2	5.209	4.539	371073	638856	374.855	324.777
13)	L3 AR-1232-3	5.497	4.708	717982	318399	317.060	329.116
14)	L3 AR-1232-4	5.656	4.789	410156	288880	371.374	347.928
15)	L3 AR-1232-5	5.745	4.955	296133	314135	369.306	335.629
16)	L4 AR-1242-1	5.475	4.522	501493	390766	312.651	282.781
17)	L4 AR-1242-2	5.497	4.539	717982	638856	311.406	311.383
18)	L4 AR-1242-3	5.558	4.708	431425	318399	310.507	303.820
19)	L4 AR-1242-4	5.656	4.789	410156	288880	351.055	291.028
20)	L4 AR-1242-5	6.351	5.296	70325	289148	48.861	206.973 #
21)	L5 AR-1248-1	5.475	4.522	501493	390766	406.747	357.518
22)	L5 AR-1248-2	5.745	4.750	296133	244449	170.954	174.806
23)	L5 AR-1248-3	5.947	4.789	271872	288880	140.244	199.752 #
24)	L5 AR-1248-4	6.351	4.955	70325	314135	28.255	174.451 #
25)	L5 AR-1248-5	6.351	5.337	70325	46158	30.124	24.970
26)	L6 AR-1254-1	6.322	5.296	274280	289148	107.882	95.989
27)	L6 AR-1254-2	6.538	5.440	370852	300058	91.681	111.256
28)	L6 AR-1254-3	6.905	5.846	208640	505578	49.018	117.762 #
29)	L6 AR-1254-4	7.187	6.056	125638	88925	37.118	31.206
30)	L6 AR-1254-5	7.603	6.463	965363	826753	291.034	221.790
31)	L7 AR-1260-1	7.065	5.958	685347	631536	220.998	228.664
32)	L7 AR-1260-2	7.321	6.144	1013044	934129	250.943	243.461
33)	L7 AR-1260-3	7.679	6.292	649571	758609	202.265	241.777
34)	L7 AR-1260-4	7.903	6.754	642035	513083	201.116	202.647
35)	L7 AR-1260-5	8.214	6.995	1376212	1379836	234.656	226.373
36)	L8 AR-1262-1	7.679	6.554	649571	332750	136.079	182.873 #
37)	L8 AR-1262-2	8.214	6.995	1376212	1379836	197.394	193.605
38)	L8 AR-1262-3	8.528	7.271	836725	267117	181.036	99.666 #
39)	L8 AR-1262-4	8.581	7.333	515099	867474	143.064	189.161 #
40)	L8 AR-1262-5	9.228	7.824	355530	258668	155.338	131.816
41)	L9 AR-1268-1	8.528	7.271	836725	267117	99.908	33.521 #

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 Acq On : 31 Oct 2019 19:22
 Operator : HP/AJ
 Sample : K5146-15MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

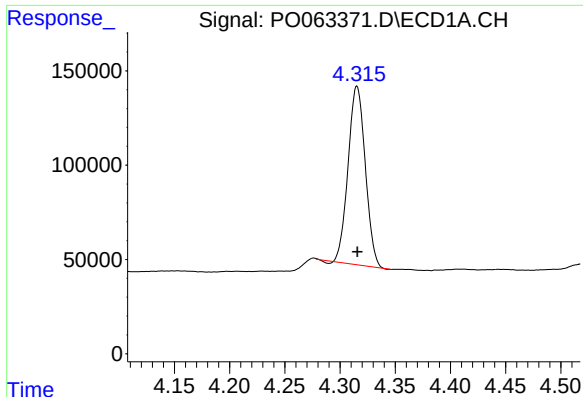
Instrument :
 ECD_O
 ClientSampleId :
 CL-01-103019MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.581	7.333	515099	867474	70.302	131.745 #
43) L9	AR-1268-3	0.000	7.539	0	30890	N.D.	5.528 #
44) L9	AR-1268-4	9.228	7.824	355530	258668	144.447	119.846
45) L9	AR-1268-5	9.619	8.093	139085	86227	7.745	5.759 #

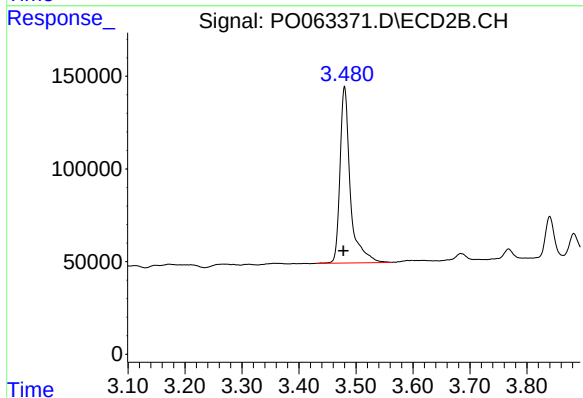
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

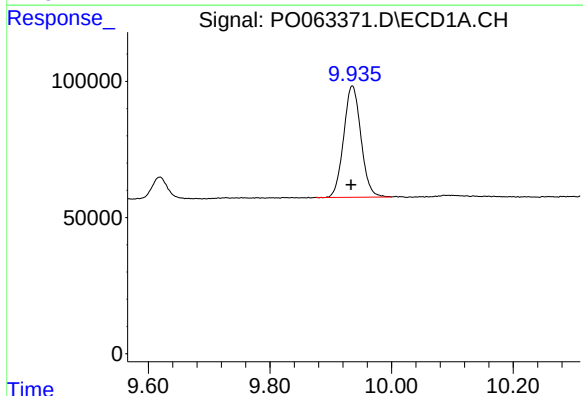
R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 1023348
Conc: 17.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



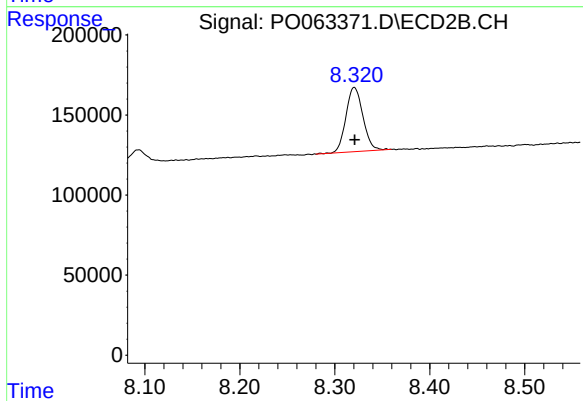
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.002 min
Response: 1198439
Conc: 21.94 ng/ml



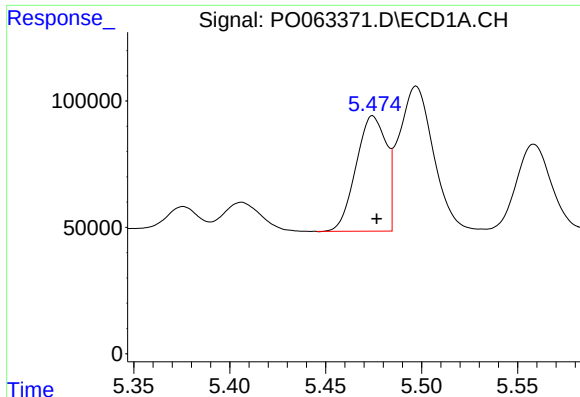
#2 Decachlorobiphenyl

R.T.: 9.935 min
Delta R.T.: 0.002 min
Response: 806127
Conc: 13.85 ng/ml



#2 Decachlorobiphenyl

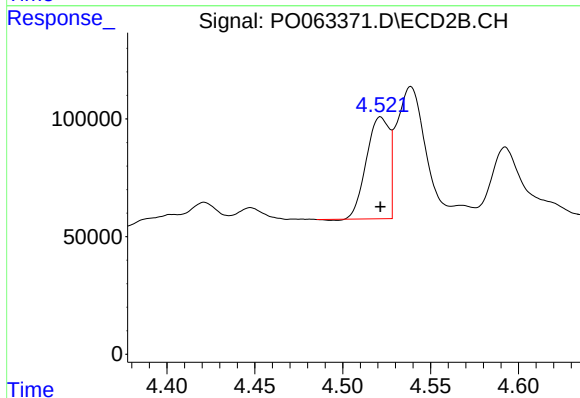
R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 500484
Conc: 11.71 ng/ml



#3 AR-1016-1

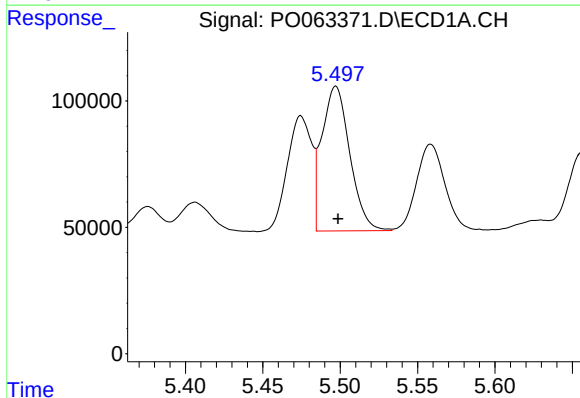
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 501493
Conc: 229.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



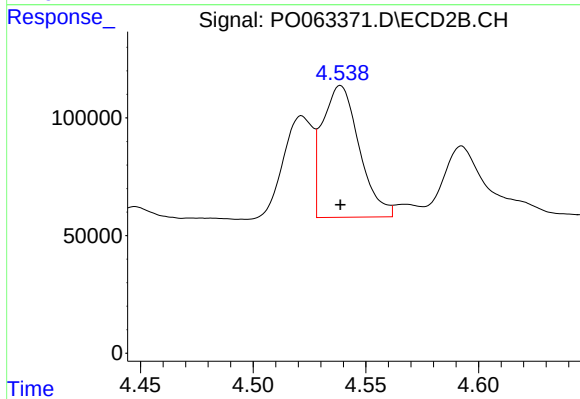
#3 AR-1016-1

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 390766
Conc: 208.58 ng/ml



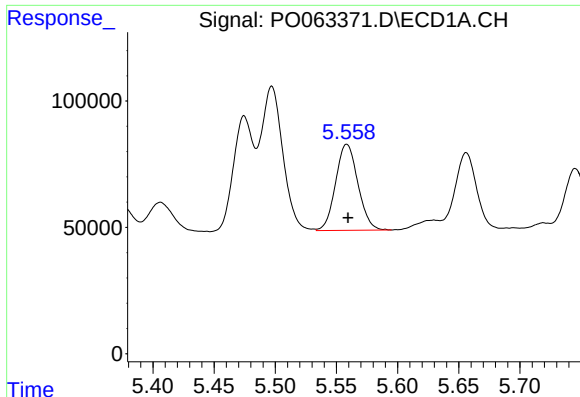
#4 AR-1016-2

R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 717982
Conc: 229.18 ng/ml



#4 AR-1016-2

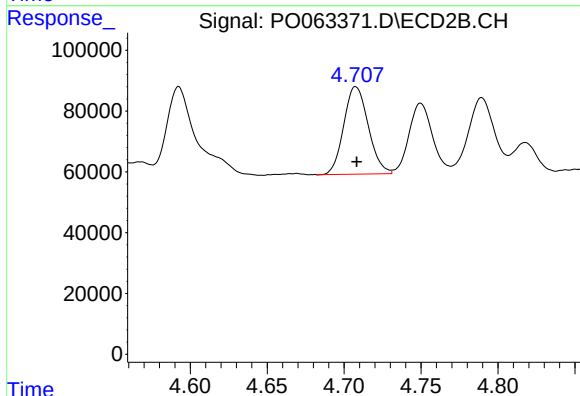
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 638856
Conc: 234.22 ng/ml



#5 AR-1016-3

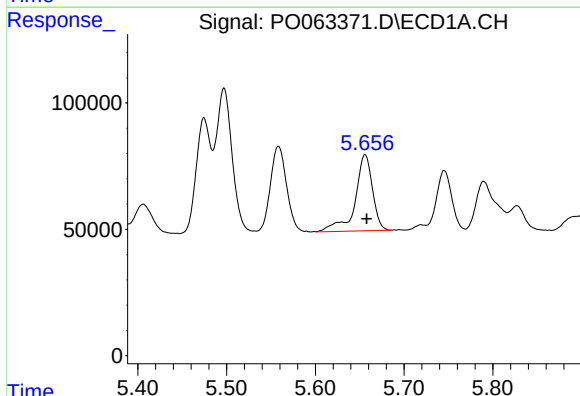
R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 431425
Conc: 230.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



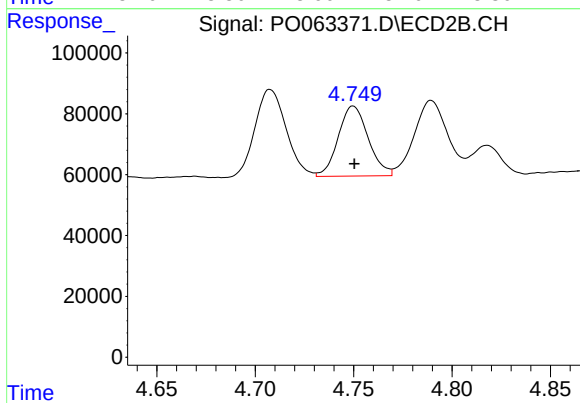
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 318399
Conc: 229.41 ng/ml



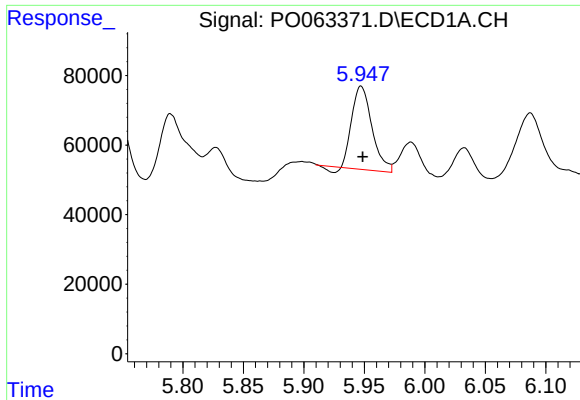
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 410156
Conc: 259.74 ng/ml



#6 AR-1016-4

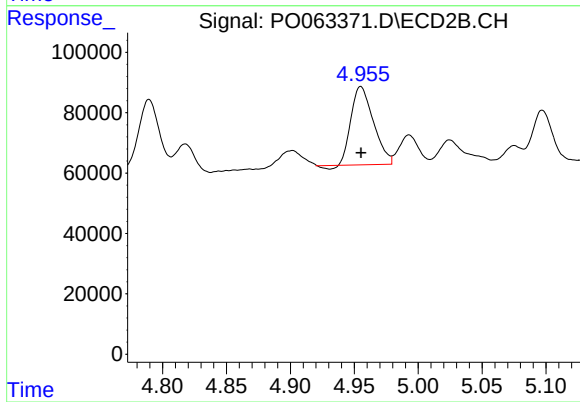
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 244449
Conc: 218.87 ng/ml



#7 AR-1016-5

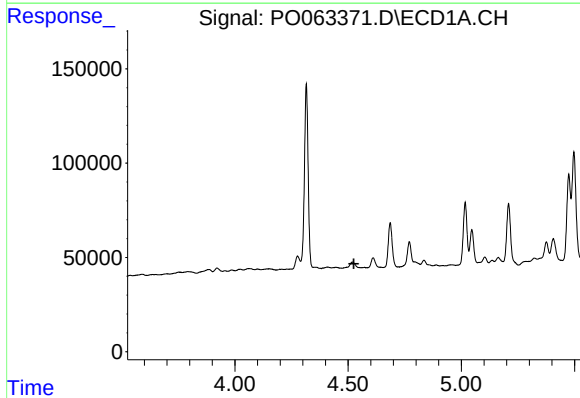
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 271872
Conc: 178.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



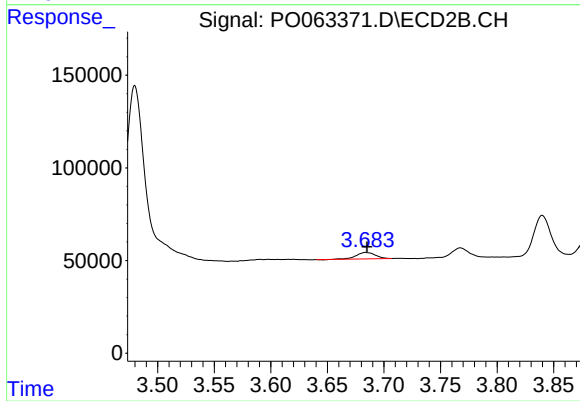
#7 AR-1016-5

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 314135
Conc: 208.52 ng/ml



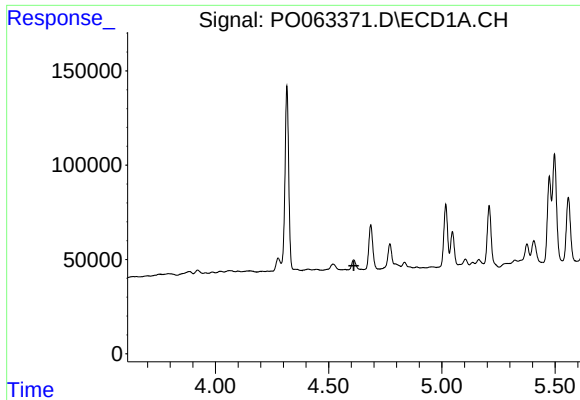
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.526 min
Response: 0
Conc: N.D.



#8 AR-1221-1

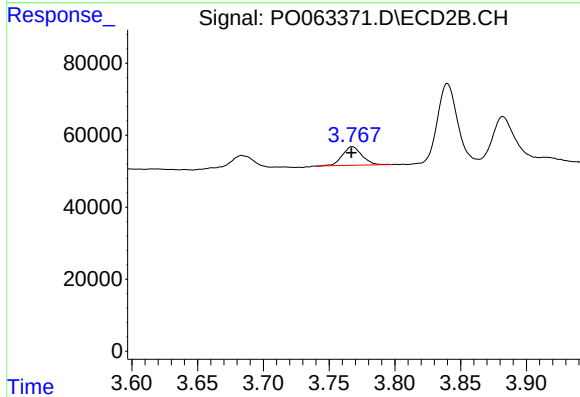
R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 40599
Conc: 78.52 ng/ml



#9 AR-1221-2

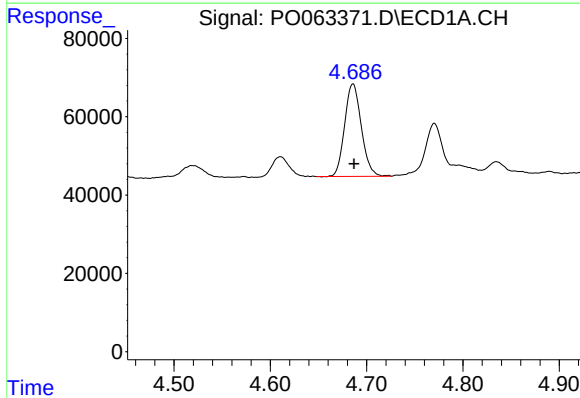
R.T.: 0.000 min
Exp R.T.: 4.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



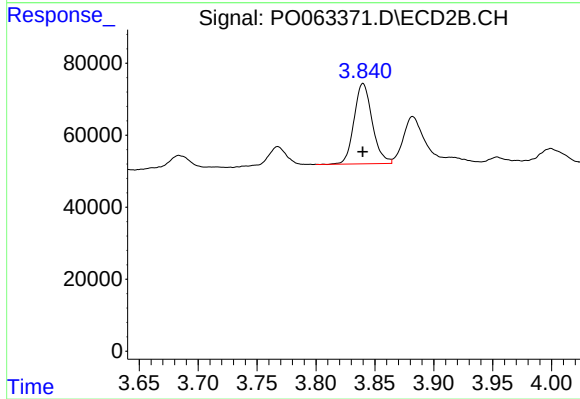
#9 AR-1221-2

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 53868
Conc: 139.52 ng/ml



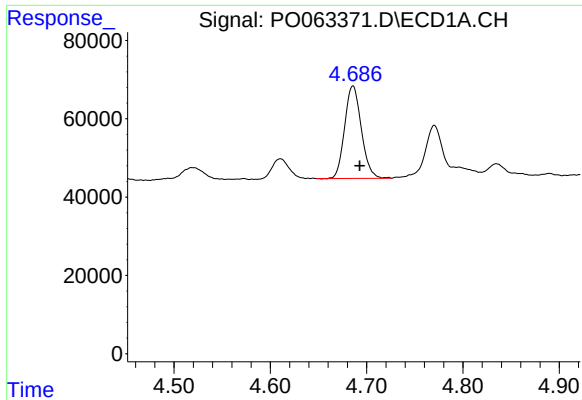
#10 AR-1221-3

R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 282988
Conc: 204.82 ng/ml



#10 AR-1221-3

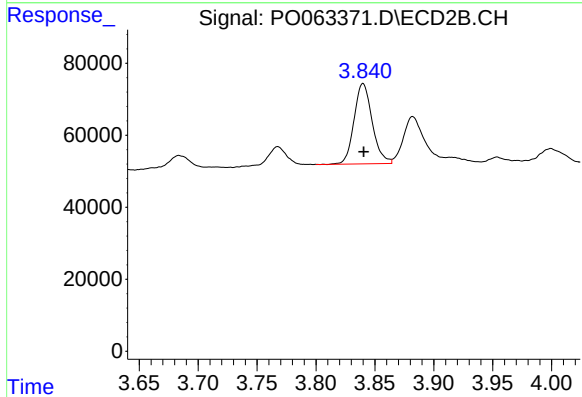
R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 238942
Conc: 194.32 ng/ml



#11 AR-1232-1

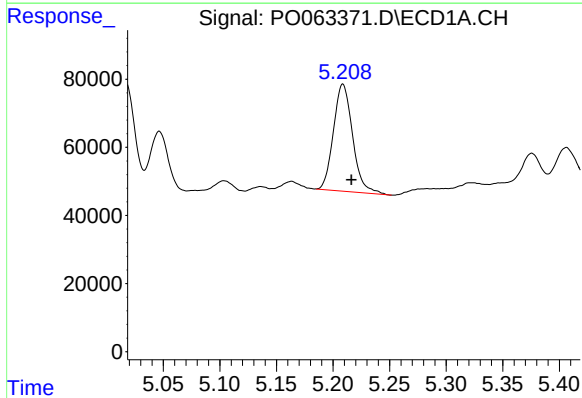
R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 282988
Conc: 148.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



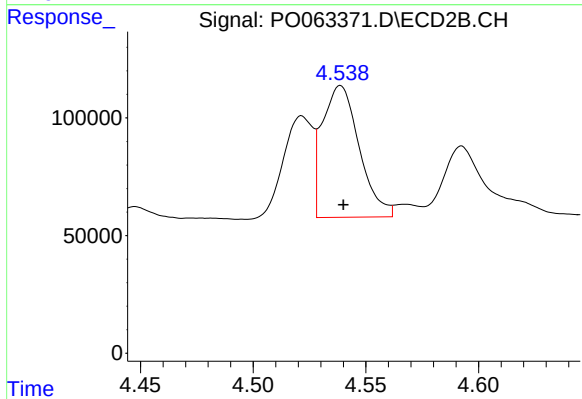
#11 AR-1232-1

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 238942
Conc: 140.00 ng/ml



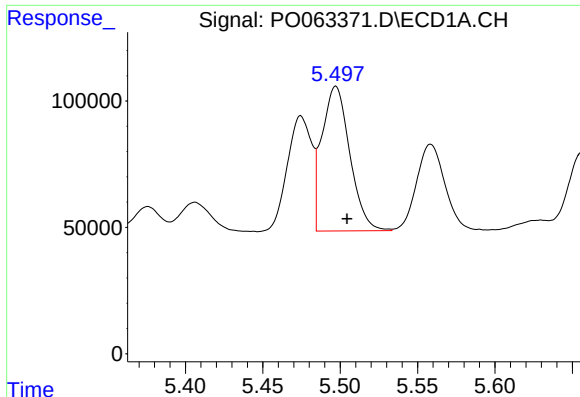
#12 AR-1232-2

R.T.: 5.209 min
Delta R.T.: -0.008 min
Response: 371073
Conc: 374.85 ng/ml



#12 AR-1232-2

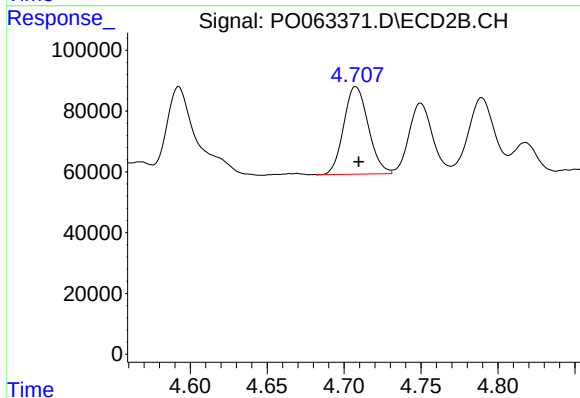
R.T.: 4.539 min
Delta R.T.: -0.001 min
Response: 638856
Conc: 324.78 ng/ml



#13 AR-1232-3

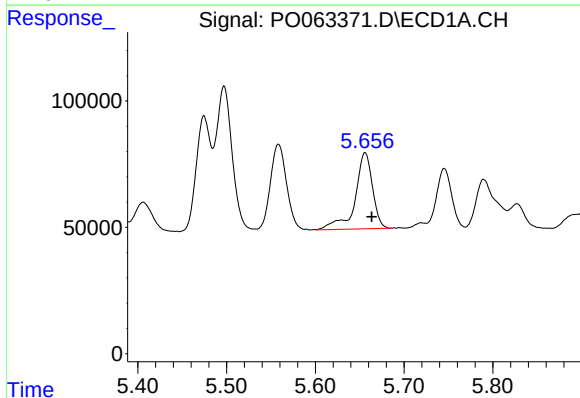
R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 717982
Conc: 317.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



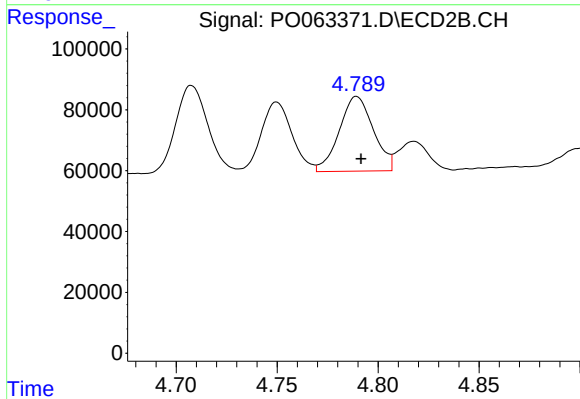
#13 AR-1232-3

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 318399
Conc: 329.12 ng/ml



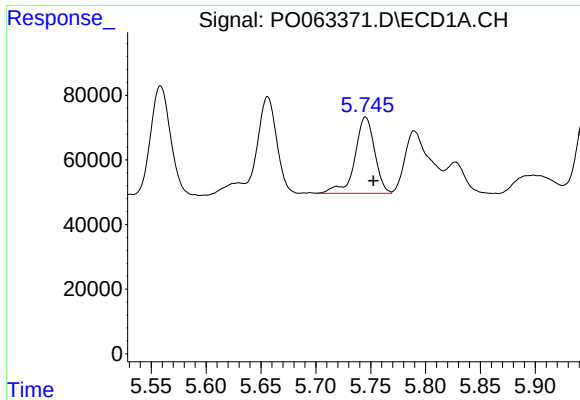
#14 AR-1232-4

R.T.: 5.656 min
Delta R.T.: -0.008 min
Response: 410156
Conc: 371.37 ng/ml



#14 AR-1232-4

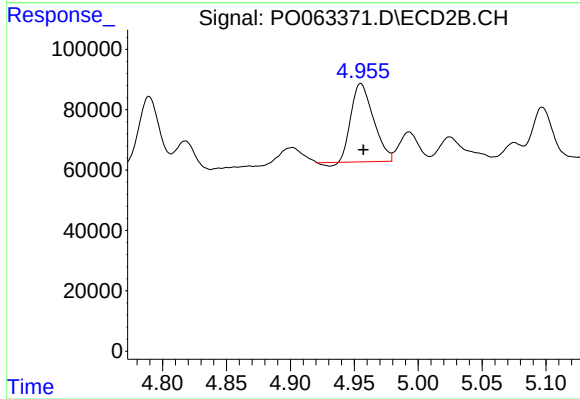
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 288880
Conc: 347.93 ng/ml



#15 AR-1232-5

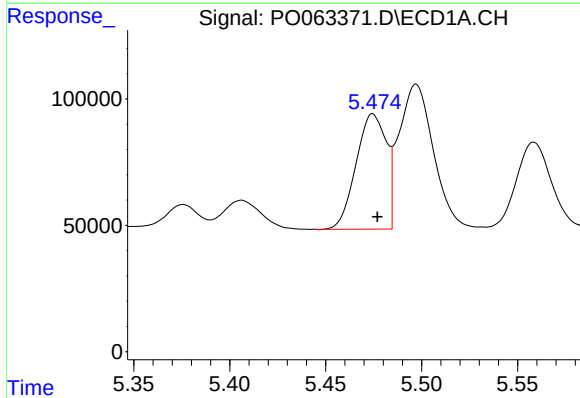
R.T.: 5.745 min
Delta R.T.: -0.007 min
Response: 296133
Conc: 369.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
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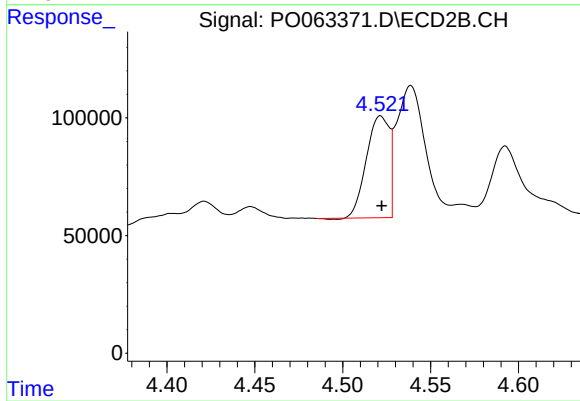
#15 AR-1232-5

R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 314135
Conc: 335.63 ng/ml



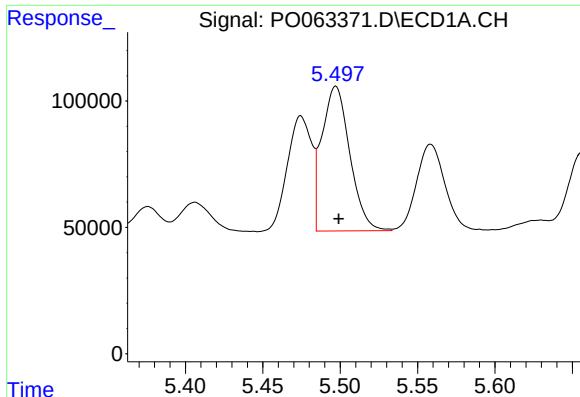
#16 AR-1242-1

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 501493
Conc: 312.65 ng/ml



#16 AR-1242-1

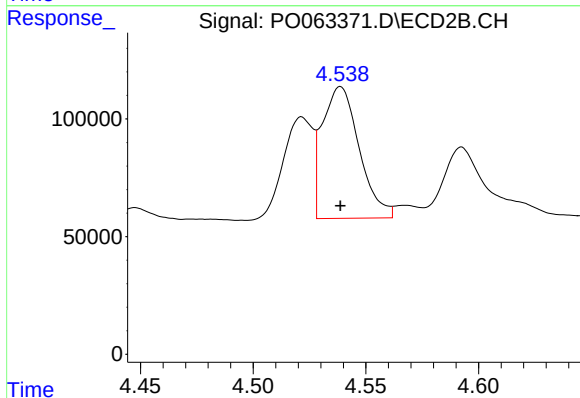
R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 390766
Conc: 282.78 ng/ml



#17 AR-1242-2

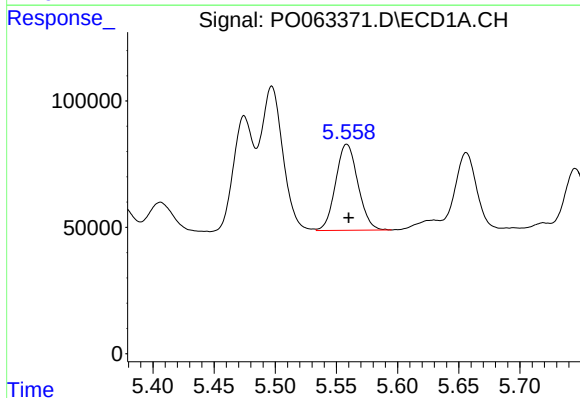
R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 717982
Conc: 311.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
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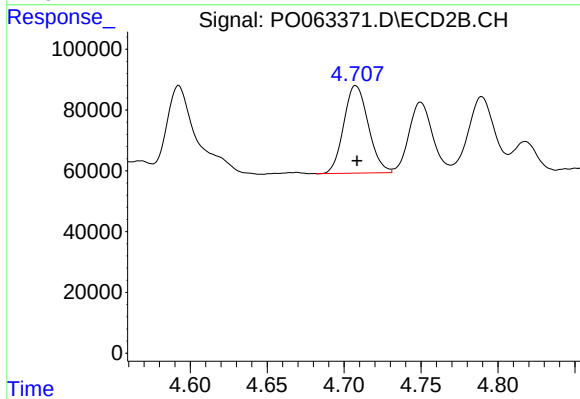
#17 AR-1242-2

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 638856
Conc: 311.38 ng/ml



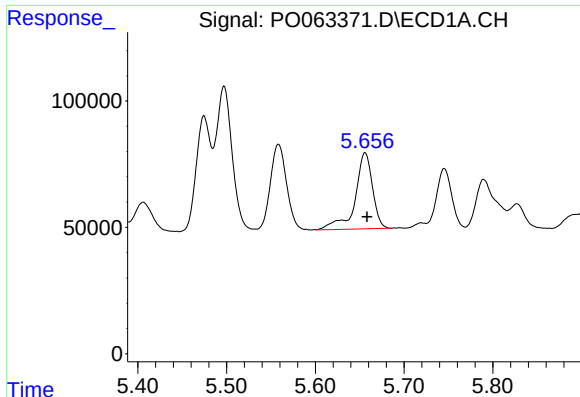
#18 AR-1242-3

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 431425
Conc: 310.51 ng/ml



#18 AR-1242-3

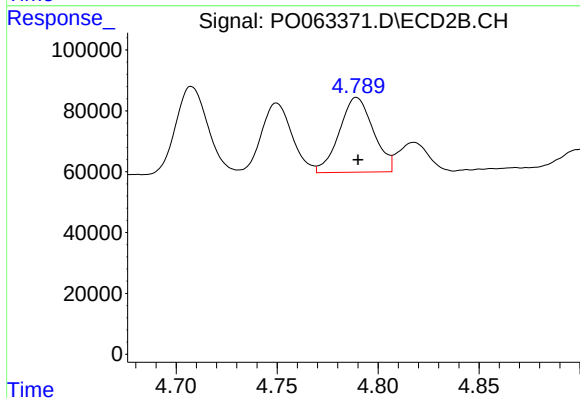
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 318399
Conc: 303.82 ng/ml



#19 AR-1242-4

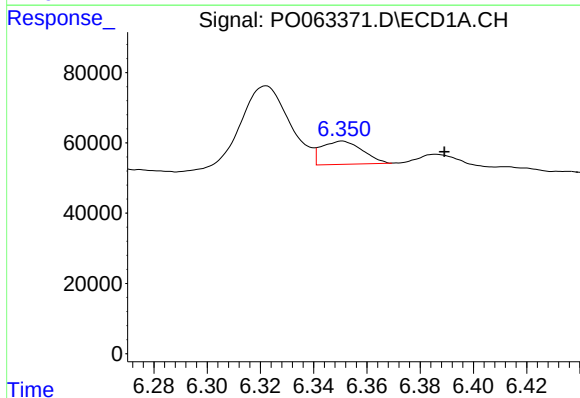
R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 410156
Conc: 351.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



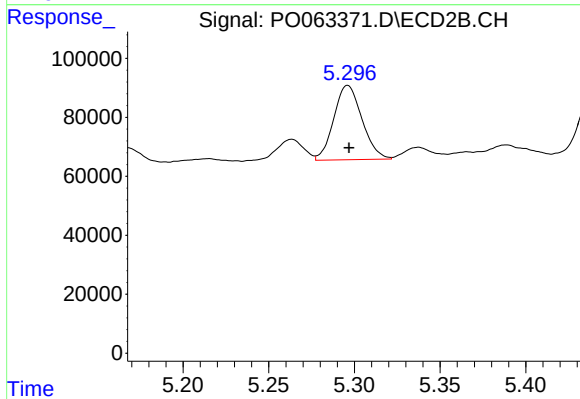
#19 AR-1242-4

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 288880
Conc: 291.03 ng/ml



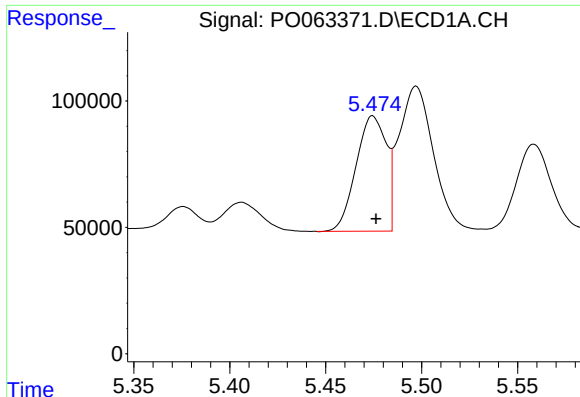
#20 AR-1242-5

R.T.: 6.351 min
Delta R.T.: -0.038 min
Response: 70325
Conc: 48.86 ng/ml



#20 AR-1242-5

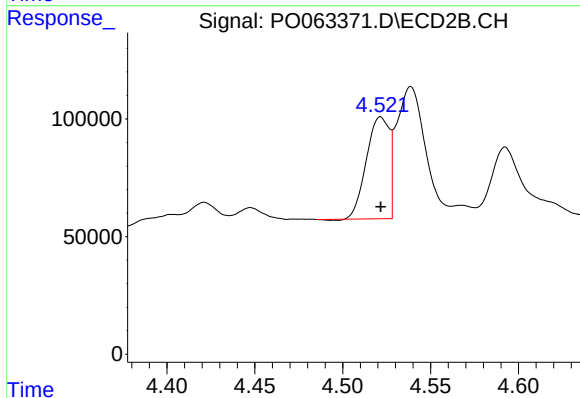
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 289148
Conc: 206.97 ng/ml



#21 AR-1248-1

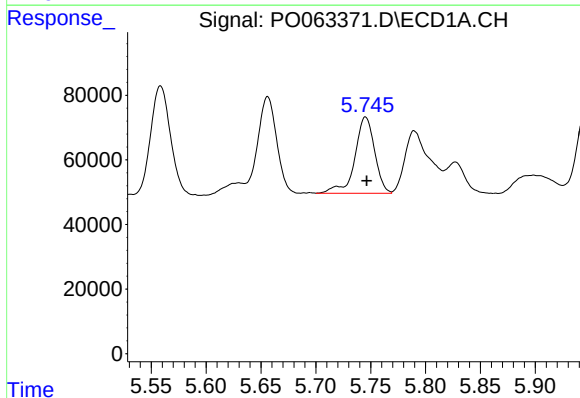
R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 501493
Conc: 406.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



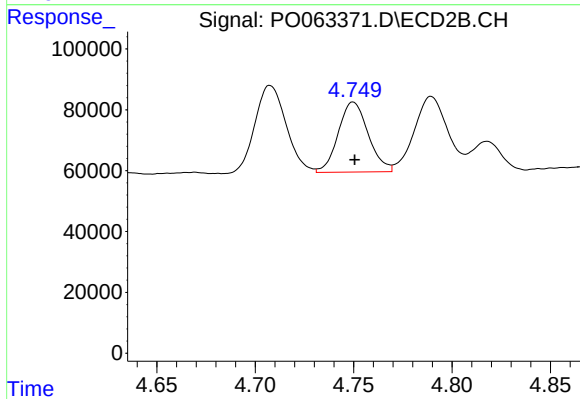
#21 AR-1248-1

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 390766
Conc: 357.52 ng/ml



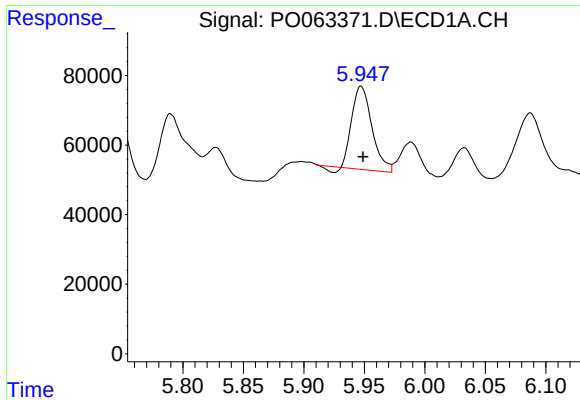
#22 AR-1248-2

R.T.: 5.745 min
Delta R.T.: -0.001 min
Response: 296133
Conc: 170.95 ng/ml



#22 AR-1248-2

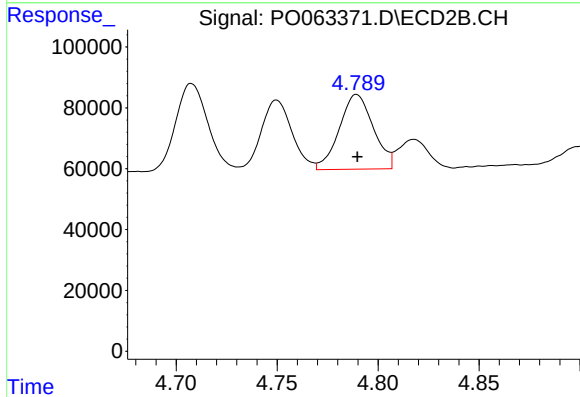
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 244449
Conc: 174.81 ng/ml



#23 AR-1248-3

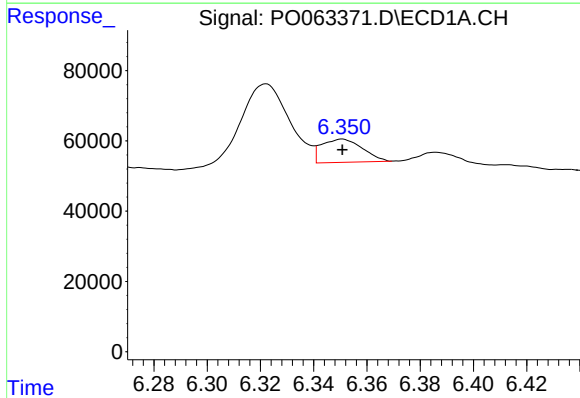
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 271872
Conc: 140.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



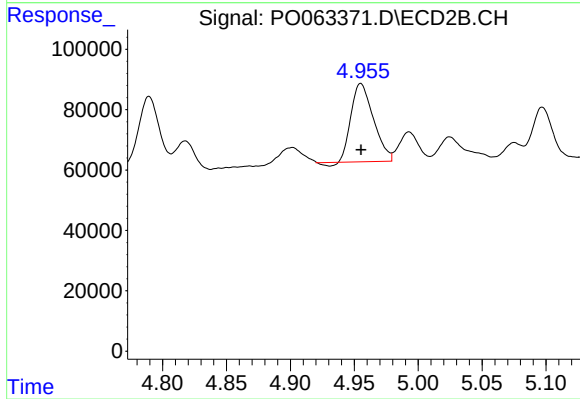
#23 AR-1248-3

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 288880
Conc: 199.75 ng/ml



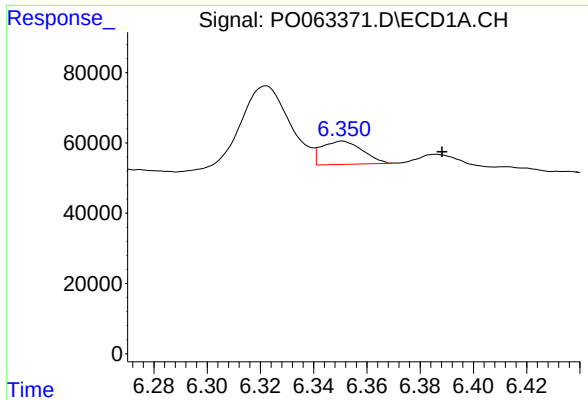
#24 AR-1248-4

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 70325
Conc: 28.25 ng/ml



#24 AR-1248-4

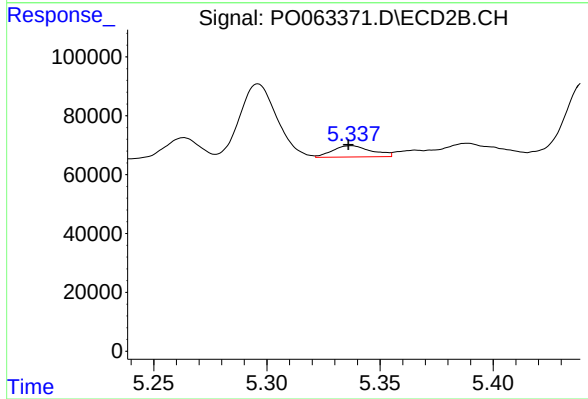
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 314135
Conc: 174.45 ng/ml



#25 AR-1248-5

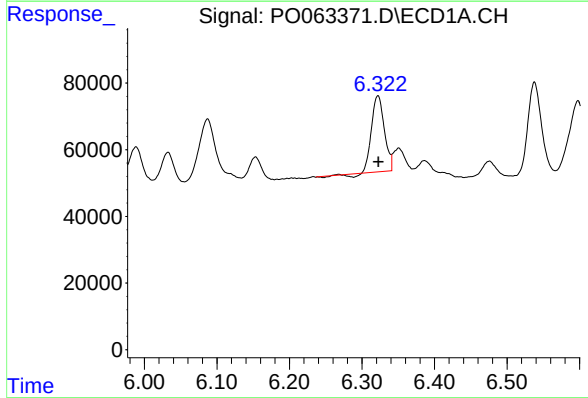
R.T.: 6.351 min
Delta R.T.: -0.038 min
Response: 70325
Conc: 30.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



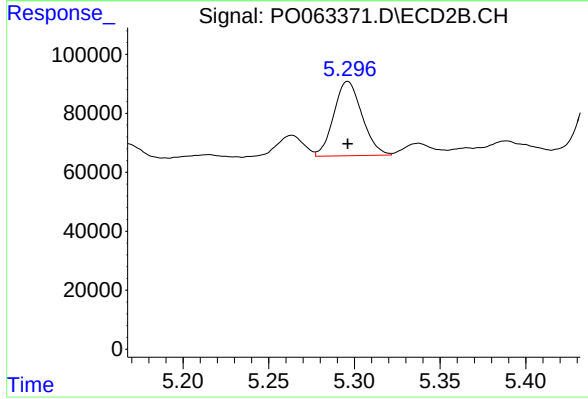
#25 AR-1248-5

R.T.: 5.337 min
Delta R.T.: 0.001 min
Response: 46158
Conc: 24.97 ng/ml



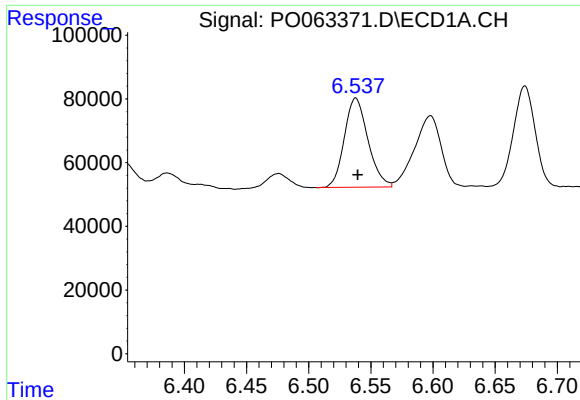
#26 AR-1254-1

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 274280
Conc: 107.88 ng/ml



#26 AR-1254-1

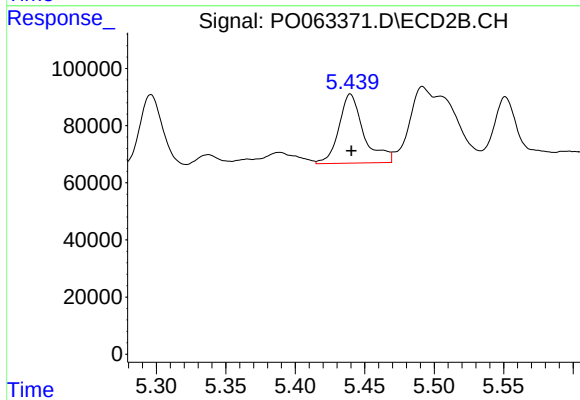
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 289148
Conc: 95.99 ng/ml



#27 AR-1254-2

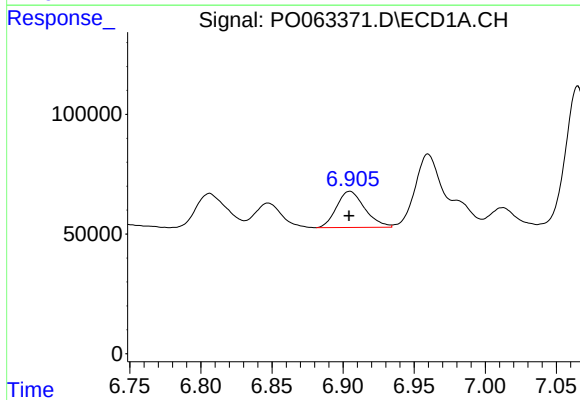
R.T.: 6.538 min
Delta R.T.: -0.002 min
Response: 370852
Conc: 91.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



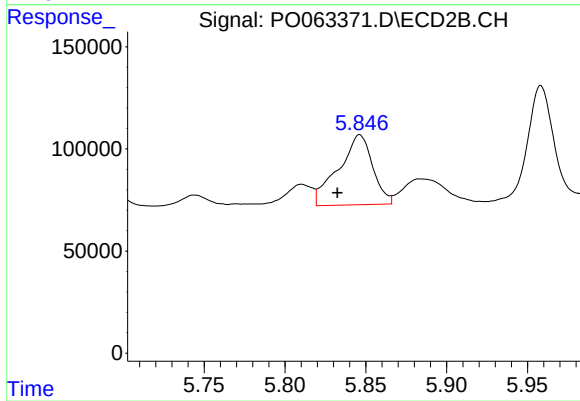
#27 AR-1254-2

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 300058
Conc: 111.26 ng/ml



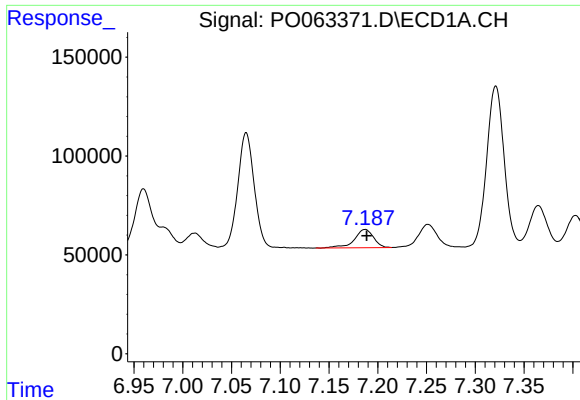
#28 AR-1254-3

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 208640
Conc: 49.02 ng/ml



#28 AR-1254-3

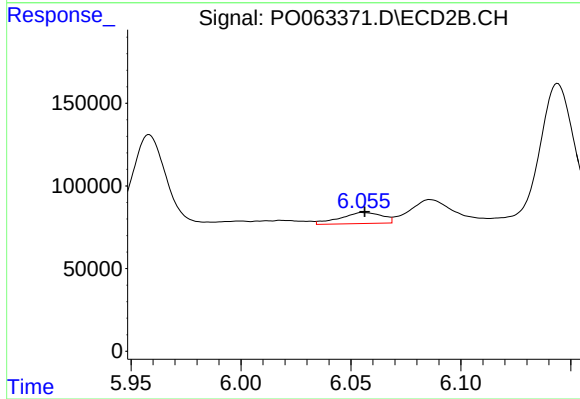
R.T.: 5.846 min
Delta R.T.: 0.014 min
Response: 505578
Conc: 117.76 ng/ml



#29 AR-1254-4

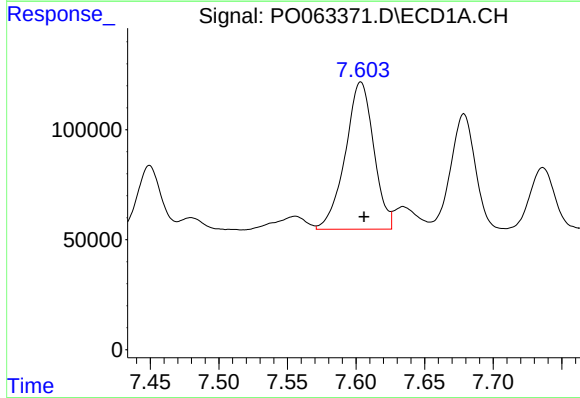
R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 125638
Conc: 37.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



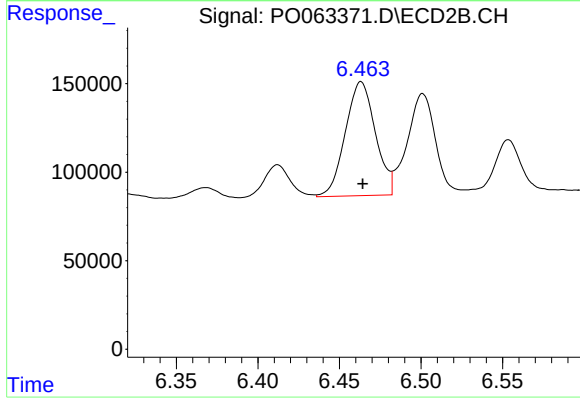
#29 AR-1254-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 88925
Conc: 31.21 ng/ml



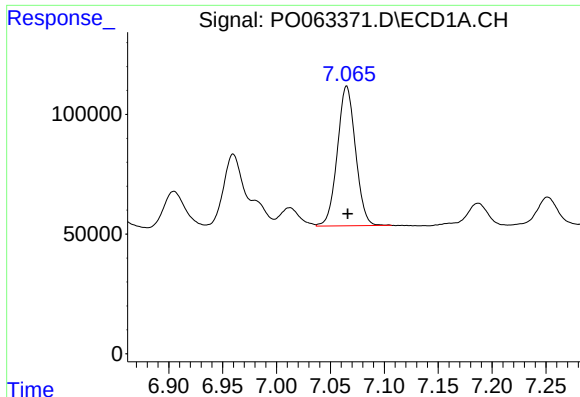
#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: -0.002 min
Response: 965363
Conc: 291.03 ng/ml



#30 AR-1254-5

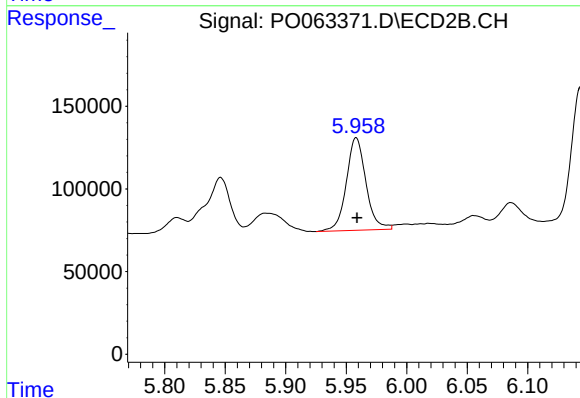
R.T.: 6.463 min
Delta R.T.: -0.001 min
Response: 826753
Conc: 221.79 ng/ml



#31 AR-1260-1

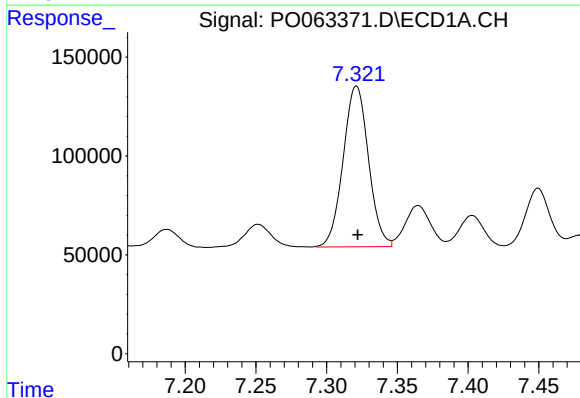
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 685347
Conc: 221.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



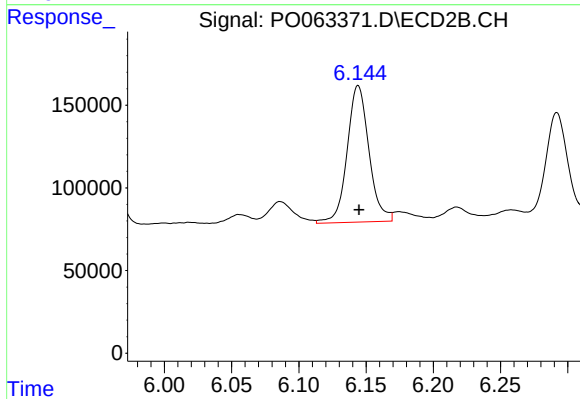
#31 AR-1260-1

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 631536
Conc: 228.66 ng/ml



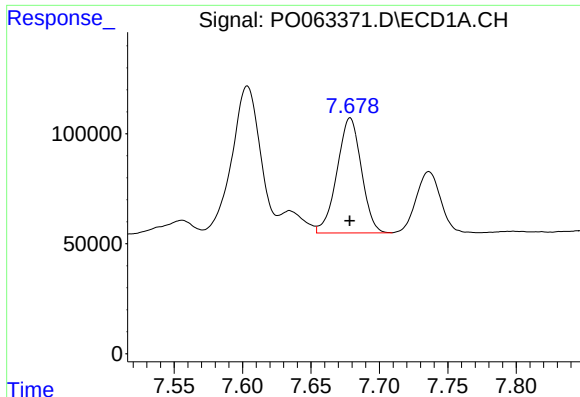
#32 AR-1260-2

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 1013044
Conc: 250.94 ng/ml



#32 AR-1260-2

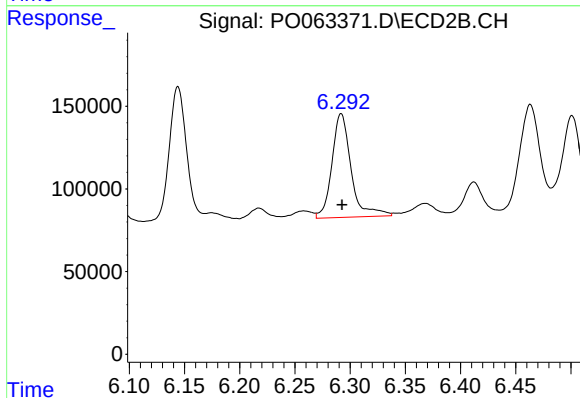
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 934129
Conc: 243.46 ng/ml



#33 AR-1260-3

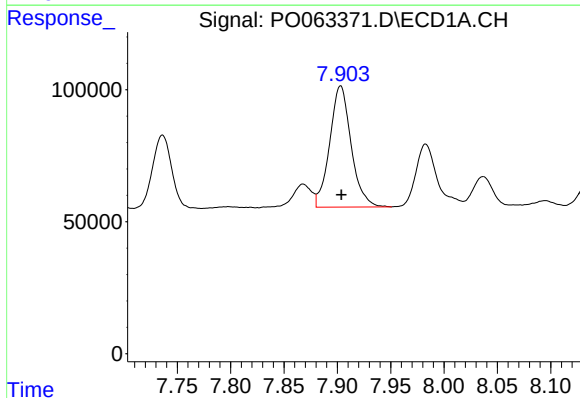
R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 649571
Conc: 202.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



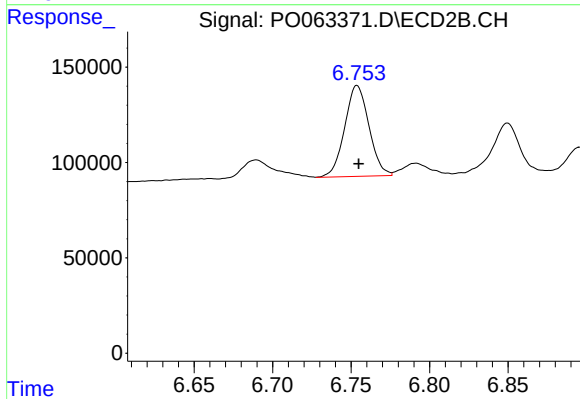
#33 AR-1260-3

R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 758609
Conc: 241.78 ng/ml



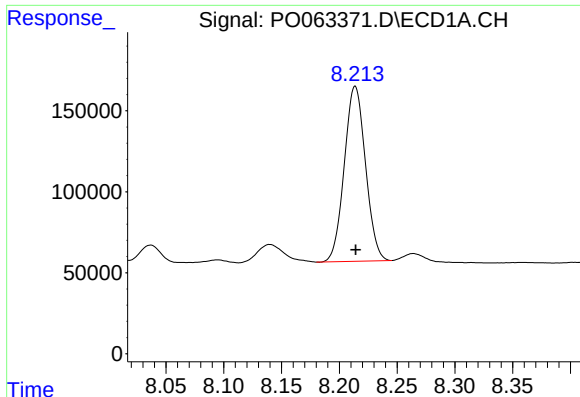
#34 AR-1260-4

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 642035
Conc: 201.12 ng/ml



#34 AR-1260-4

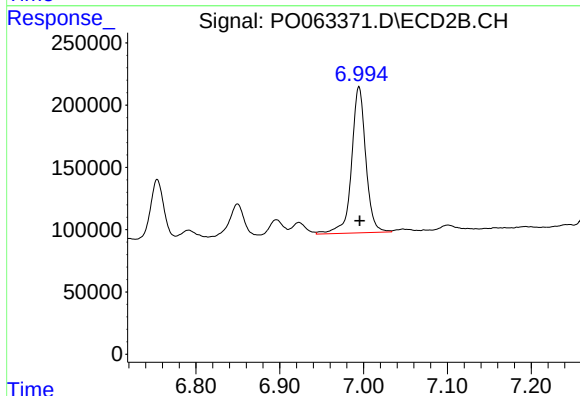
R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 513083
Conc: 202.65 ng/ml



#35 AR-1260-5

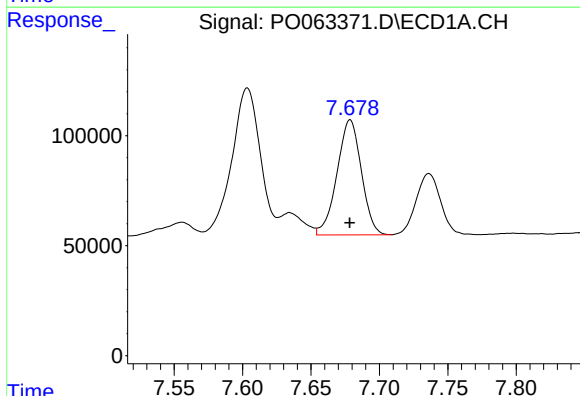
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 1376212
Conc: 234.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



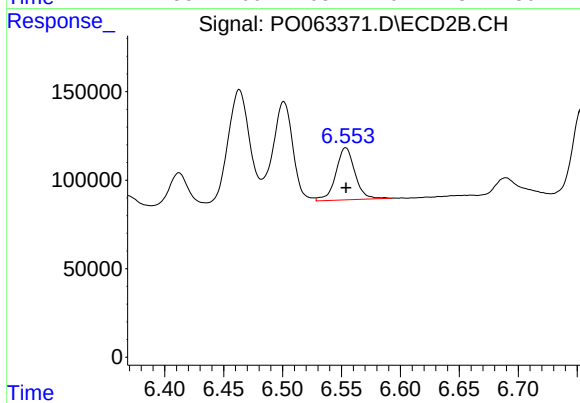
#35 AR-1260-5

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1379836
Conc: 226.37 ng/ml



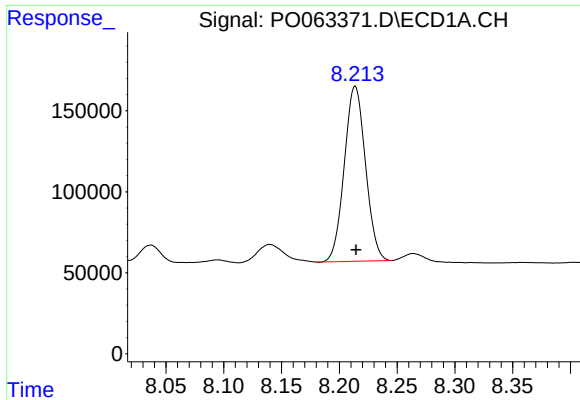
#36 AR-1262-1

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 649571
Conc: 136.08 ng/ml



#36 AR-1262-1

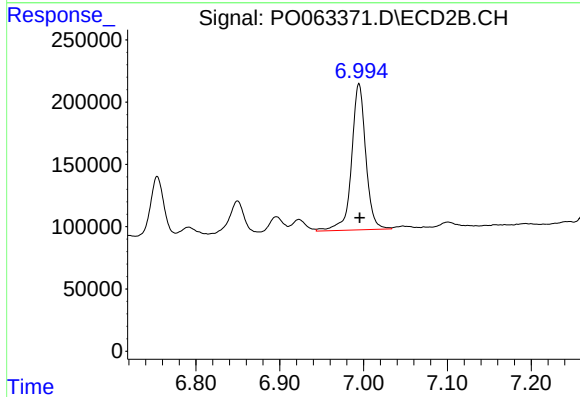
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 332750
Conc: 182.87 ng/ml



#37 AR-1262-2

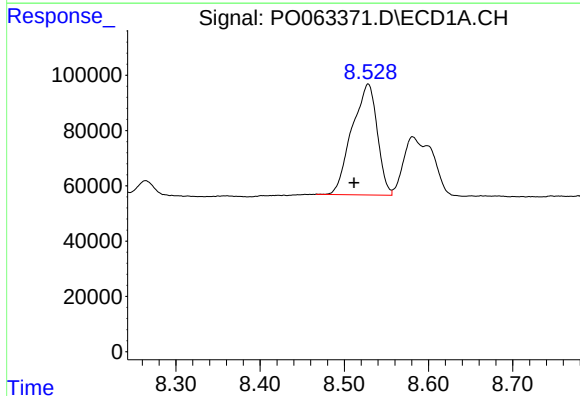
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 1376212
Conc: 197.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



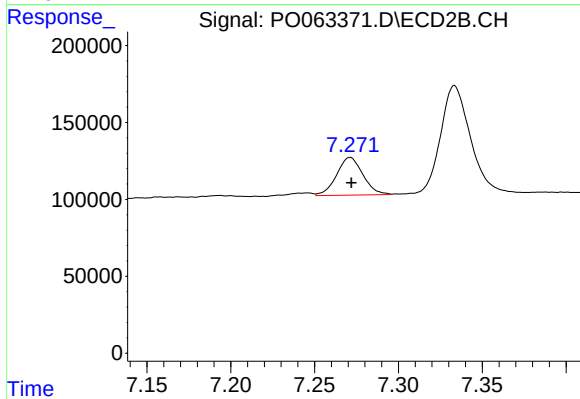
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1379836
Conc: 193.60 ng/ml



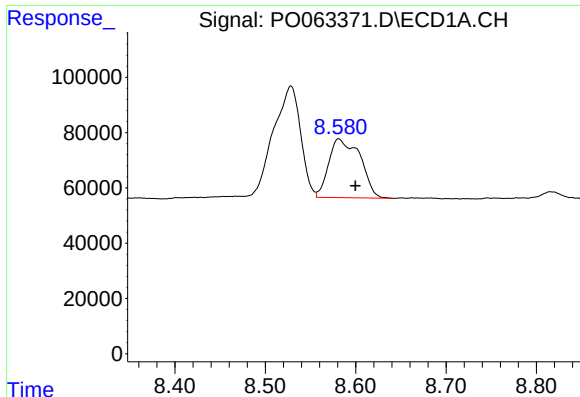
#38 AR-1262-3

R.T.: 8.528 min
Delta R.T.: 0.017 min
Response: 836725
Conc: 181.04 ng/ml



#38 AR-1262-3

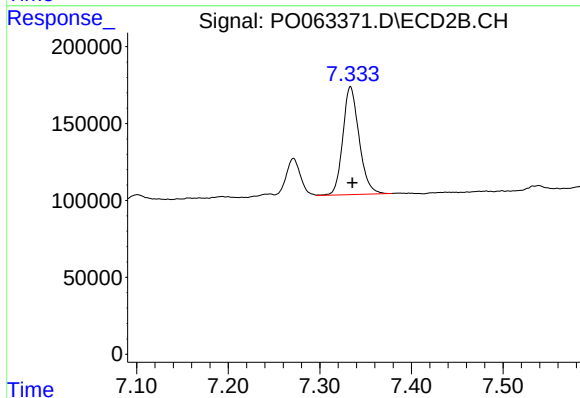
R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 267117
Conc: 99.67 ng/ml



#39 AR-1262-4

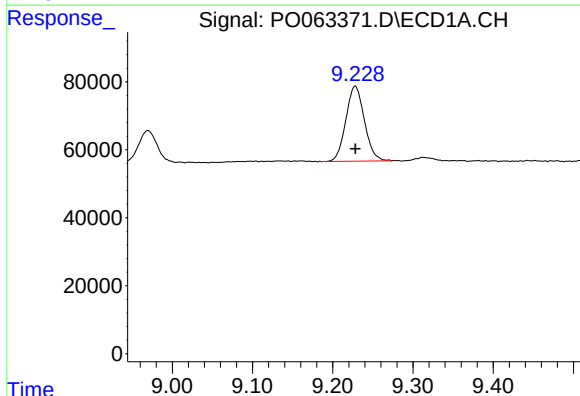
R.T.: 8.581 min
Delta R.T.: -0.019 min
Response: 515099
Conc: 143.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



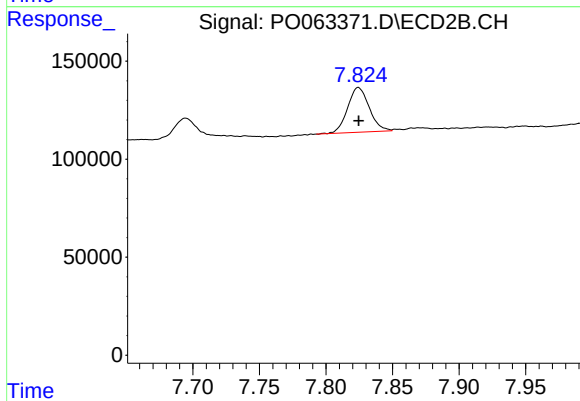
#39 AR-1262-4

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 867474
Conc: 189.16 ng/ml



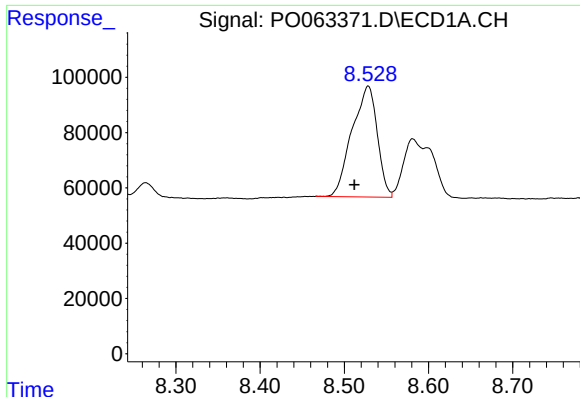
#40 AR-1262-5

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 355530
Conc: 155.34 ng/ml



#40 AR-1262-5

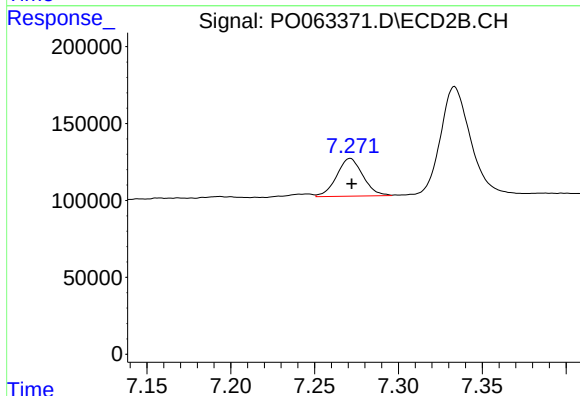
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 258668
Conc: 131.82 ng/ml



#41 AR-1268-1

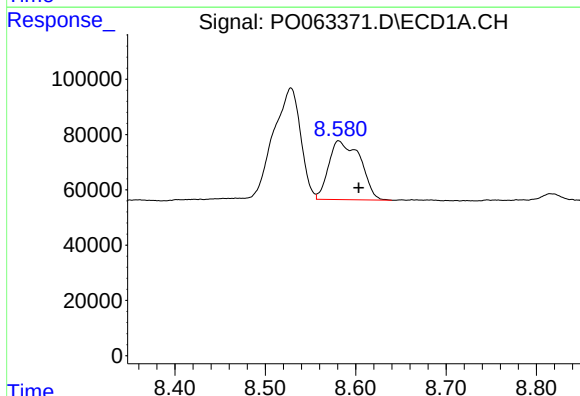
R.T.: 8.528 min
Delta R.T.: 0.016 min
Response: 836725
Conc: 99.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



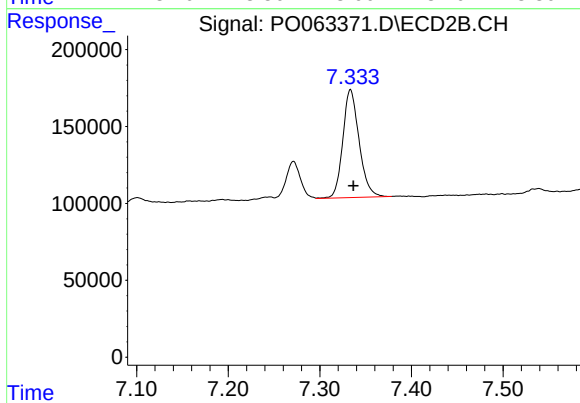
#41 AR-1268-1

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 267117
Conc: 33.52 ng/ml



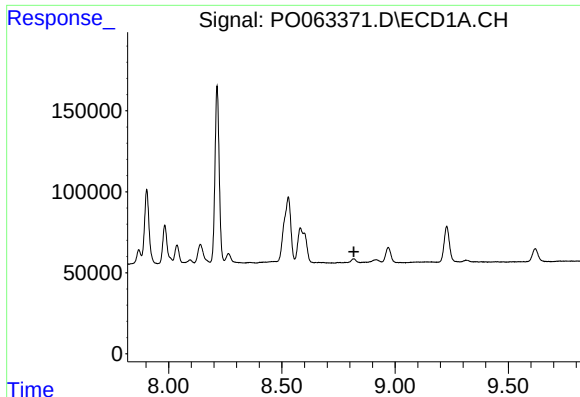
#42 AR-1268-2

R.T.: 8.581 min
Delta R.T.: -0.022 min
Response: 515099
Conc: 70.30 ng/ml



#42 AR-1268-2

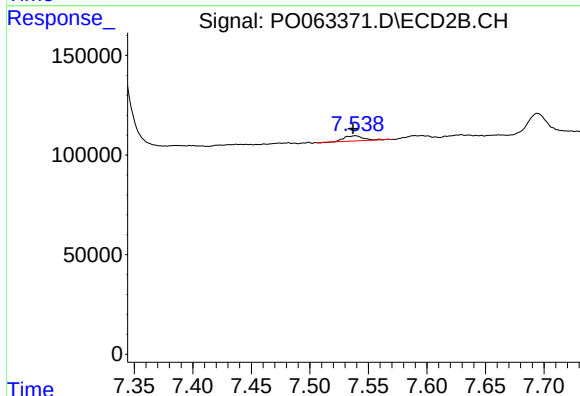
R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 867474
Conc: 131.74 ng/ml



#43 AR-1268-3

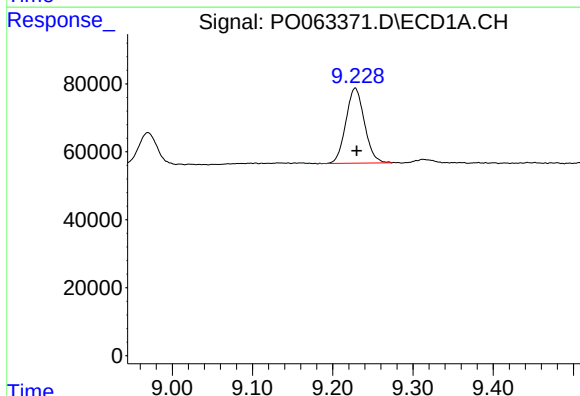
R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



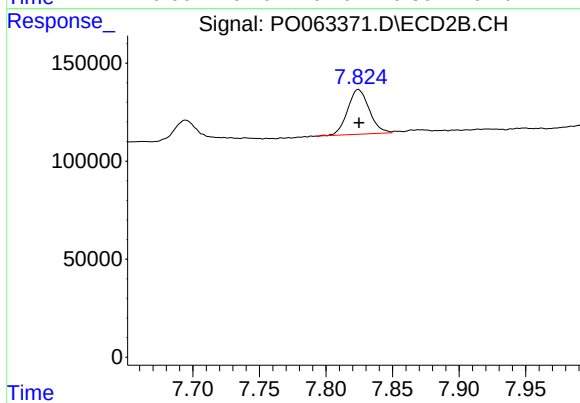
#43 AR-1268-3

R.T.: 7.539 min
Delta R.T.: 0.002 min
Response: 30890
Conc: 5.53 ng/ml



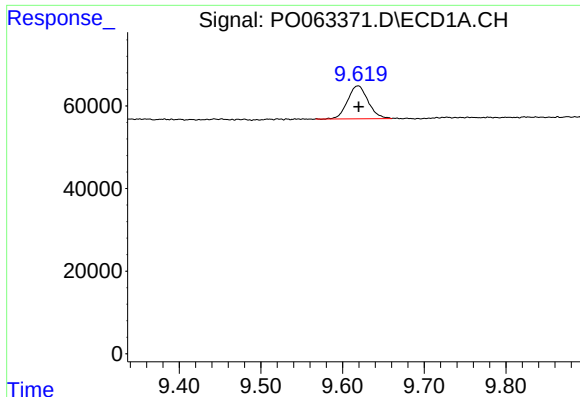
#44 AR-1268-4

R.T.: 9.228 min
Delta R.T.: -0.002 min
Response: 355530
Conc: 144.45 ng/ml



#44 AR-1268-4

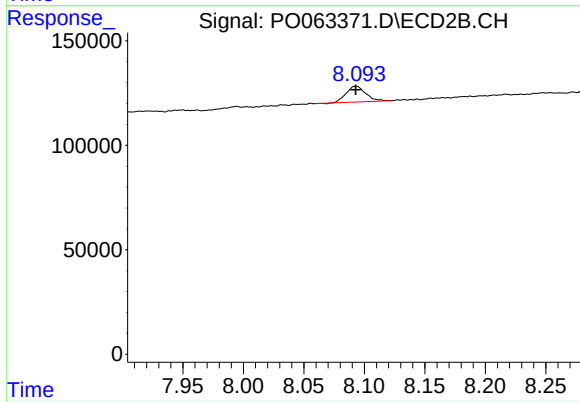
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 258668
Conc: 119.85 ng/ml



#45 AR-1268-5

R.T.: 9.619 min
Delta R.T.: 0.000 min
Response: 139085
Conc: 7.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
CL-01-103019MS



#45 AR-1268-5

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 86227
Conc: 5.76 ng/ml