

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101119\
 Data File : PO061902.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Oct 2019 6:42
 Operator : HP/AJ
 Sample : PB123885BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 00:43:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.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...	4.328	3.485	1167649	792944	18.880	18.491
2)	SA Decachlor...	9.958	8.340	1085430	577118	19.399	19.669
Target Compounds							
3)	L1 AR-1016-1	5.489	4.530	594127	378418	251.036	241.933
4)	L1 AR-1016-2	5.511	4.547	834196	558282	244.905	240.027
5)	L1 AR-1016-3	5.572	4.716	518798	299121	250.697	241.996
6)	L1 AR-1016-4	5.671	4.759	429697	234382	253.523	238.508
7)	L1 AR-1016-5	5.963	4.964	417425	304241	234.731	235.927
8)	L2 AR-1221-1	4.541	3.691	81230	38951	116.731	76.607 #
9)	L2 AR-1221-2	4.622	3.773	63004	49379	120.811	128.508
10)	L2 AR-1221-3	4.698	3.847	285486	194763	174.866	165.503
11)	L3 AR-1232-1	4.698	3.847	285486	194763	130.711	125.693
12)	L3 AR-1232-2	5.223	4.547	379505	558282	318.083	323.368
13)	L3 AR-1232-3	5.511	4.716	834196	299121	326.082	327.255
14)	L3 AR-1232-4	5.671	4.798	429697	295083	334.271	362.723
15)	L3 AR-1232-5	5.760	4.964	378029	304241	381.954	344.490
16)	L4 AR-1242-1	5.489	4.530	594127	378418	320.629	314.652
17)	L4 AR-1242-2	5.511	4.547	834196	558282	314.469	313.422
18)	L4 AR-1242-3	5.572	4.716	518798	299121	317.672	314.192
19)	L4 AR-1242-4	5.671	4.798	429697	295083	318.304	312.576
20)	L4 AR-1242-5	6.403	5.306	59679	245849	39.046	206.029 #
21)	L5 AR-1248-1	5.489	4.530	594127	378418	414.534	385.452
22)	L5 AR-1248-2	5.760	4.759	378029	234382	188.812	185.004
23)	L5 AR-1248-3	5.963	4.798	417425	295083	189.001	222.293
24)	L5 AR-1248-4	6.364	4.964	66726	304241	26.119	192.269 #
25)	L5 AR-1248-5	6.403	5.344	59679	39800	24.407	25.861
26)	L6 AR-1254-1	6.337	5.306	343136	245849	128.726	100.519
27)	L6 AR-1254-2	6.553	5.450	360395	229599	88.149	108.411
28)	L6 AR-1254-3	6.920	5.858	188623	399697	45.081	122.676 #
29)	L6 AR-1254-4	7.203	6.067	112556	42072	37.353	21.783 #
30)	L6 AR-1254-5	7.620	6.476	1020487	673466	325.629	254.985
31)	L7 AR-1260-1	7.081	5.970	780723	546330	274.214	257.128
32)	L7 AR-1260-2	7.337	6.156	896566	630755	261.347	248.561
33)	L7 AR-1260-3	7.695	6.304	577855	578107	218.379	256.014
34)	L7 AR-1260-4	7.920	6.768	636472	389904	227.551	222.060
35)	L7 AR-1260-5	8.232	7.008	1154367	817987	220.484	227.065
36)	L8 AR-1262-1	7.695	6.566	577855	242096	140.773	203.141 #
37)	L8 AR-1262-2	8.232	7.008	1154367	817987	179.026	194.675
38)	L8 AR-1262-3	8.547	7.287	744707	171969	169.353	97.776 #
39)	L8 AR-1262-4	8.599	7.349	445032	579367	128.810	189.514 #
40)	L8 AR-1262-5	9.247	7.839	276904	160124	122.595	122.604
41)	L9 AR-1268-1	8.547	7.287	744707	171969	98.376	36.722 #

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 Operator : HP/AJ
 Sample : PB123885BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

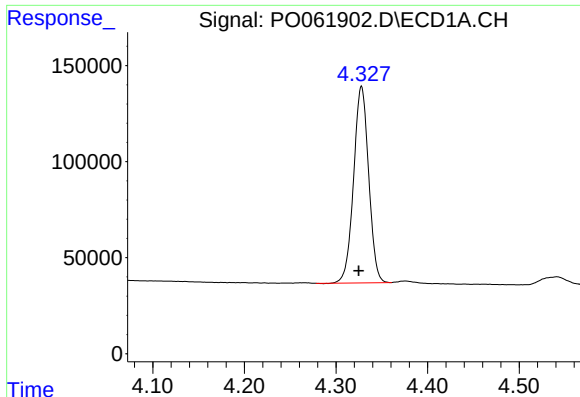
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 00:43:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.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	8.599	7.349	445032	579367	63.351	138.679 #
44) L9	AR-1268-4	9.247	7.839	276904	160124	116.542	112.378
45) L9	AR-1268-5	9.641	8.108	105572	54387	5.857	5.875

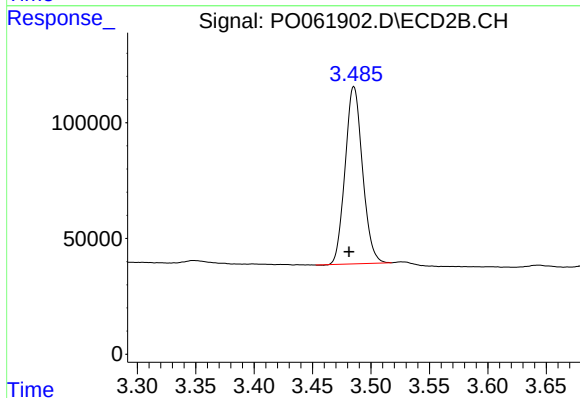
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

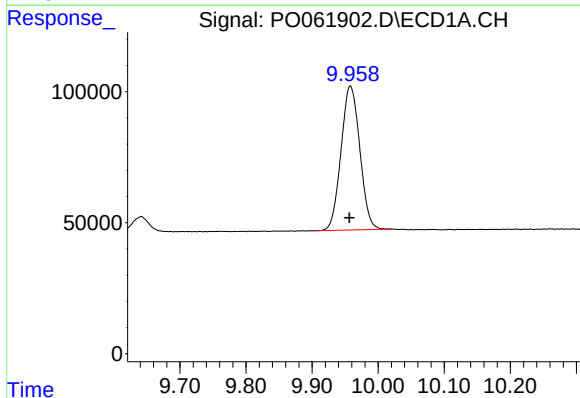
R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 1167649
Conc: 18.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



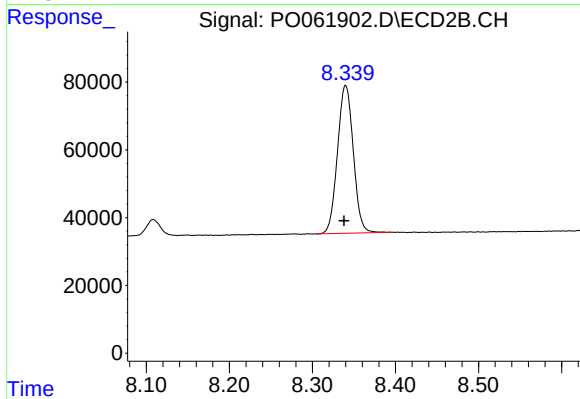
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.004 min
Response: 792944
Conc: 18.49 ng/ml



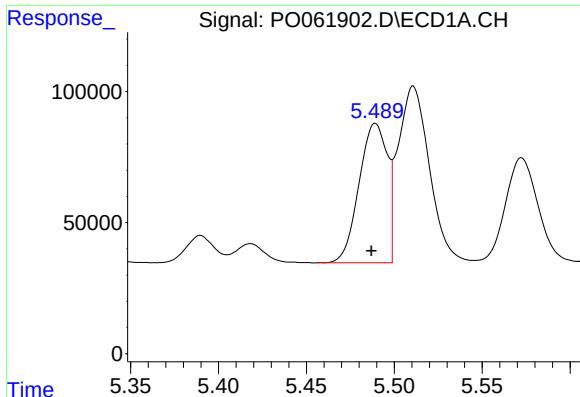
#2 Decachlorobiphenyl

R.T.: 9.958 min
Delta R.T.: 0.001 min
Response: 1085430
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

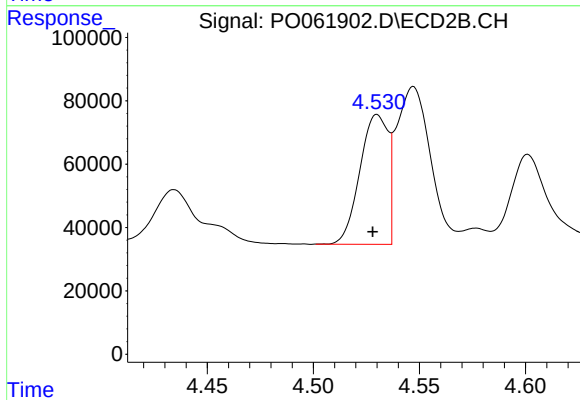
R.T.: 8.340 min
Delta R.T.: 0.002 min
Response: 577118
Conc: 19.67 ng/ml



#3 AR-1016-1

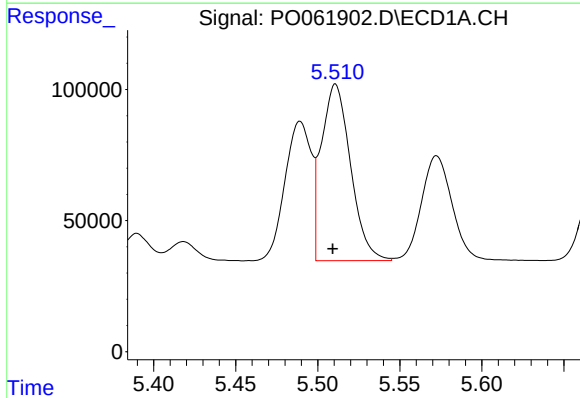
R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 594127
Conc: 251.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



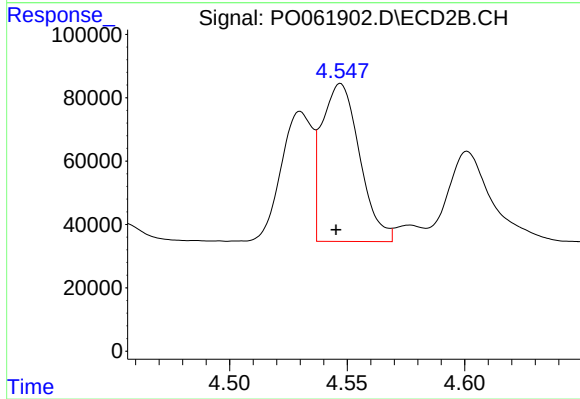
#3 AR-1016-1

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 378418
Conc: 241.93 ng/ml



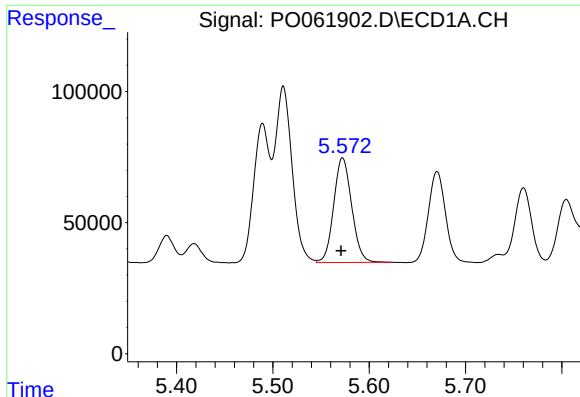
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 834196
Conc: 244.90 ng/ml



#4 AR-1016-2

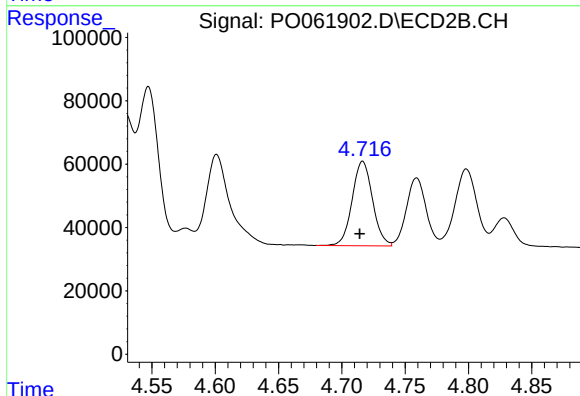
R.T.: 4.547 min
Delta R.T.: 0.002 min
Response: 558282
Conc: 240.03 ng/ml



#5 AR-1016-3

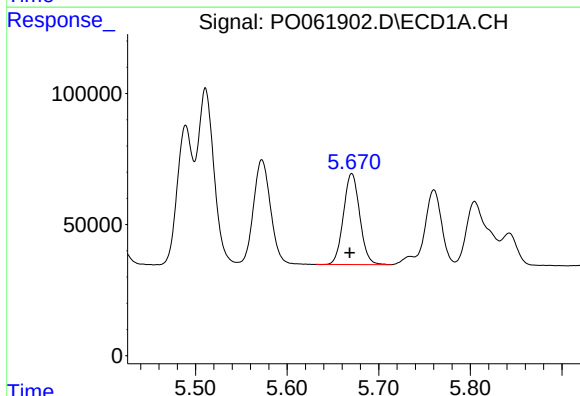
R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 518798
Conc: 250.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



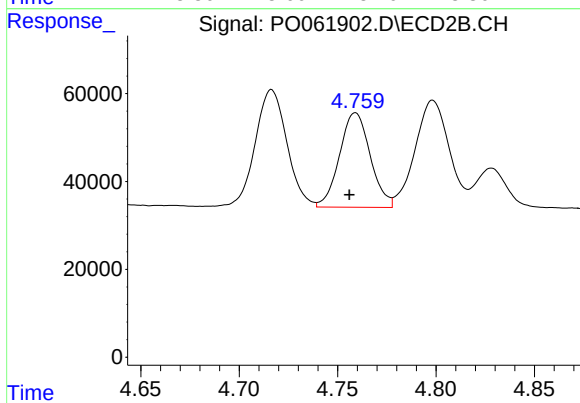
#5 AR-1016-3

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 299121
Conc: 242.00 ng/ml



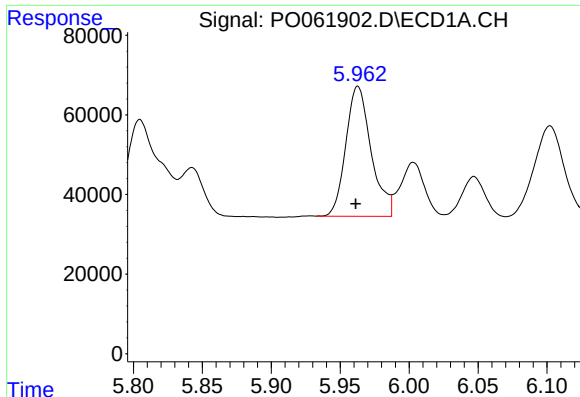
#6 AR-1016-4

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 429697
Conc: 253.52 ng/ml



#6 AR-1016-4

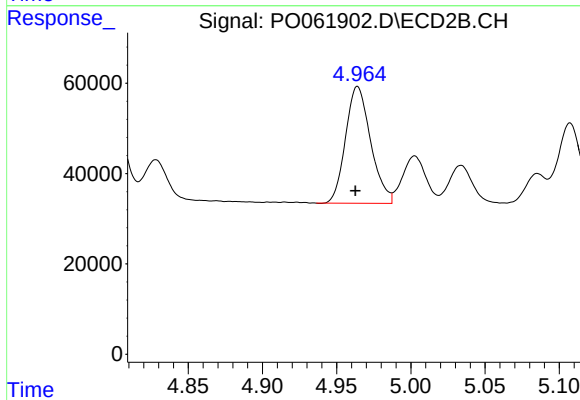
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 234382
Conc: 238.51 ng/ml



#7 AR-1016-5

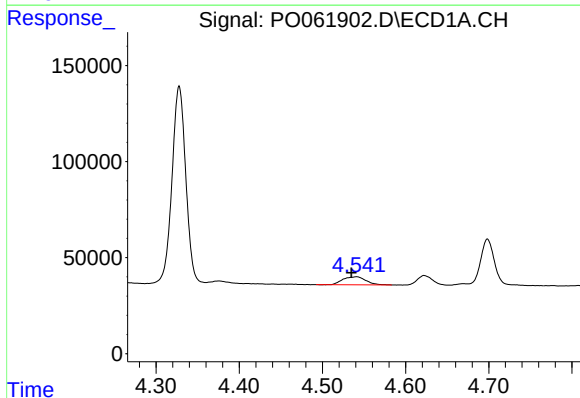
R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 417425
Conc: 234.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



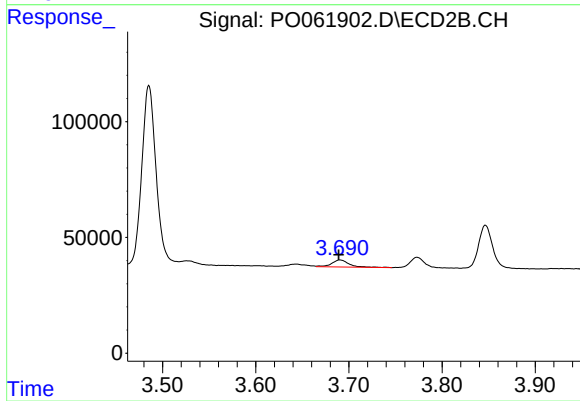
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.001 min
Response: 304241
Conc: 235.93 ng/ml



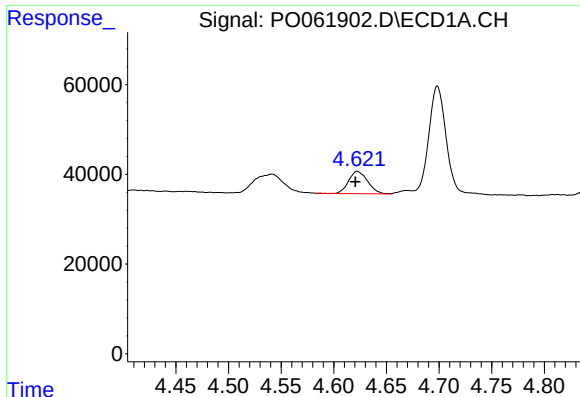
#8 AR-1221-1

R.T.: 4.541 min
Delta R.T.: 0.006 min
Response: 81230
Conc: 116.73 ng/ml



#8 AR-1221-1

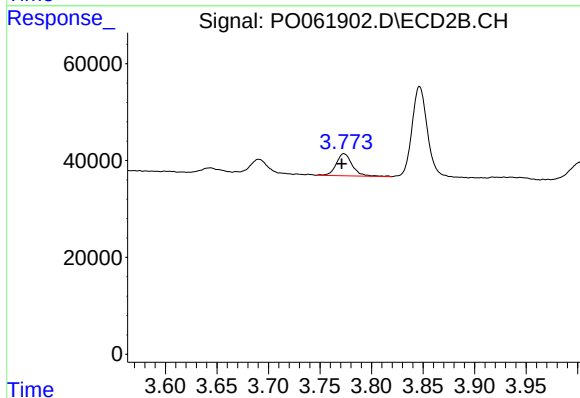
R.T.: 3.691 min
Delta R.T.: 0.002 min
Response: 38951
Conc: 76.61 ng/ml



#9 AR-1221-2

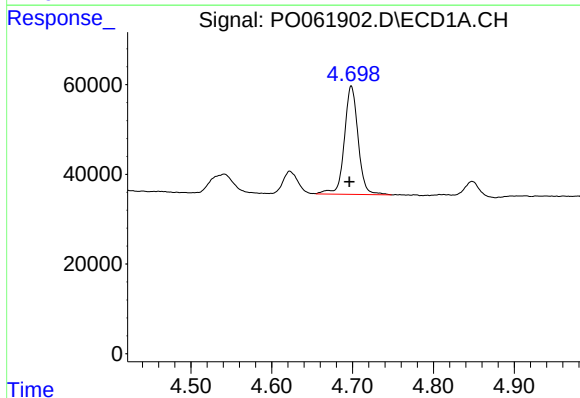
R.T.: 4.622 min
Delta R.T.: 0.002 min
Response: 63004
Conc: 120.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



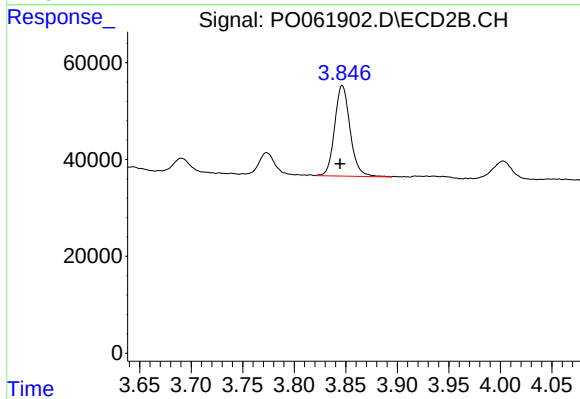
#9 AR-1221-2

R.T.: 3.773 min
Delta R.T.: 0.002 min
Response: 49379
Conc: 128.51 ng/ml



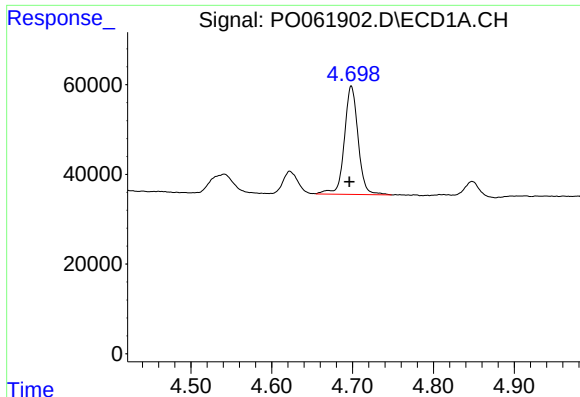
#10 AR-1221-3

R.T.: 4.698 min
Delta R.T.: 0.002 min
Response: 285486
Conc: 174.87 ng/ml



#10 AR-1221-3

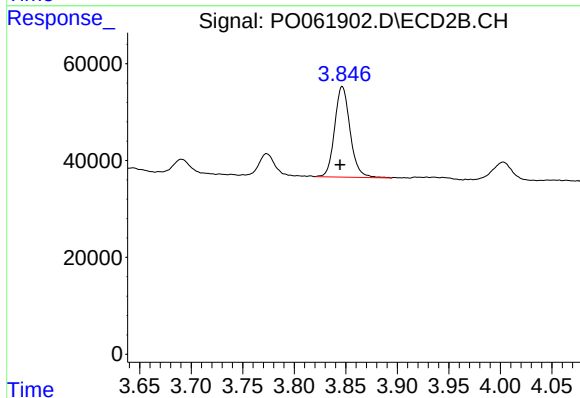
R.T.: 3.847 min
Delta R.T.: 0.002 min
Response: 194763
Conc: 165.50 ng/ml



#11 AR-1232-1

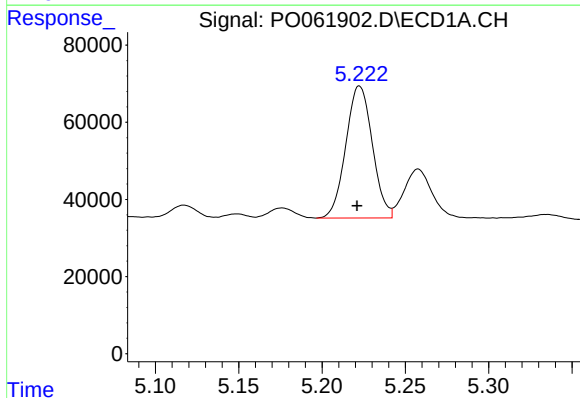
R.T.: 4.698 min
Delta R.T.: 0.002 min
Response: 285486
Conc: 130.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



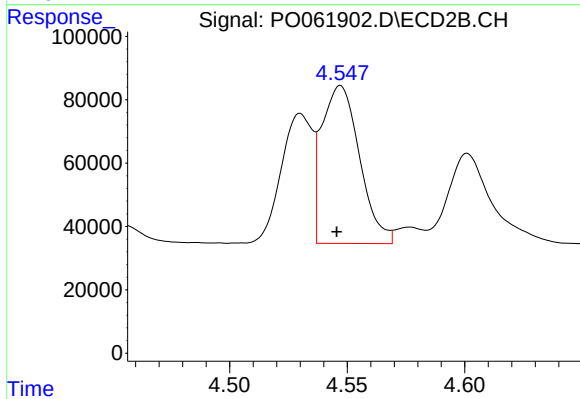
#11 AR-1232-1

R.T.: 3.847 min
Delta R.T.: 0.002 min
Response: 194763
Conc: 125.69 ng/ml



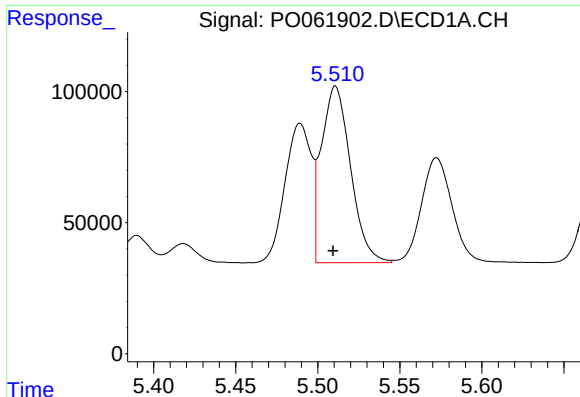
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: 0.002 min
Response: 379505
Conc: 318.08 ng/ml



#12 AR-1232-2

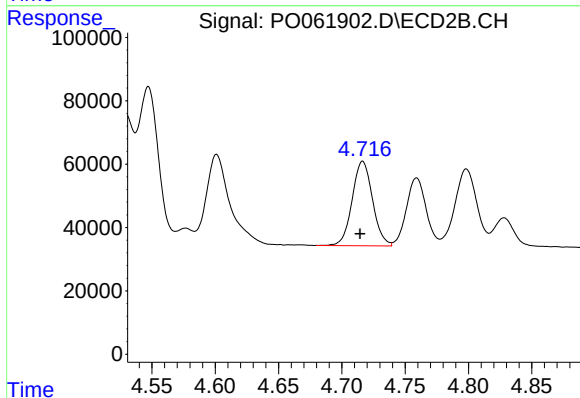
R.T.: 4.547 min
Delta R.T.: 0.002 min
Response: 558282
Conc: 323.37 ng/ml



#13 AR-1232-3

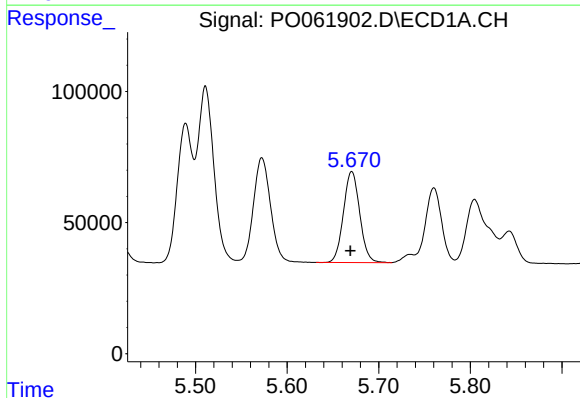
R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 834196
Conc: 326.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



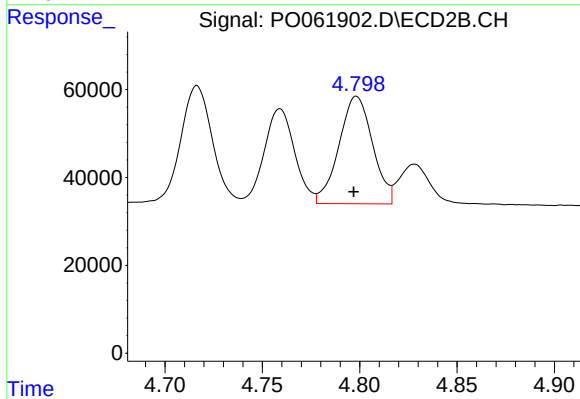
#13 AR-1232-3

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 299121
Conc: 327.25 ng/ml



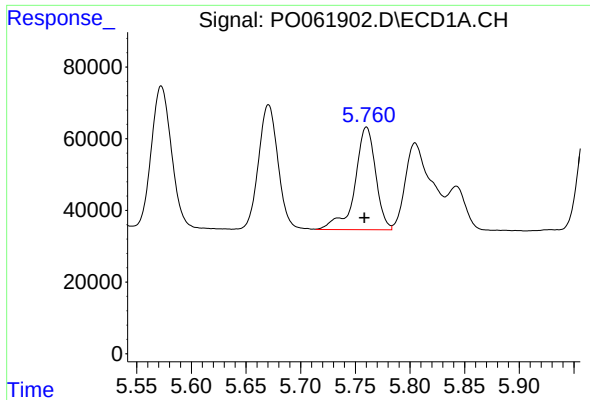
#14 AR-1232-4

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 429697
Conc: 334.27 ng/ml



#14 AR-1232-4

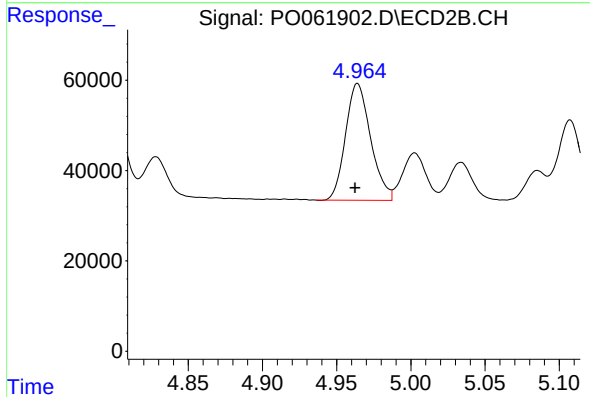
R.T.: 4.798 min
Delta R.T.: 0.001 min
Response: 295083
Conc: 362.72 ng/ml



#15 AR-1232-5

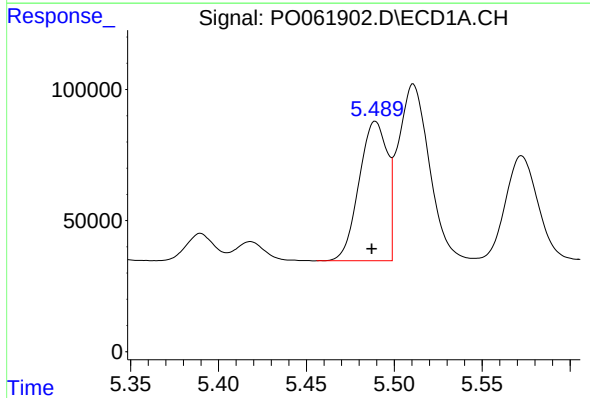
R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 378029
Conc: 381.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



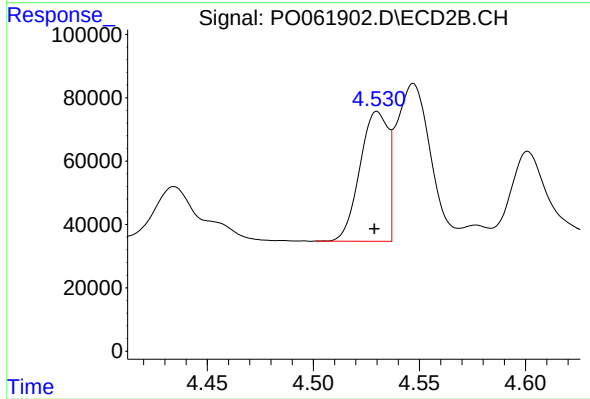
#15 AR-1232-5

R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 304241
Conc: 344.49 ng/ml



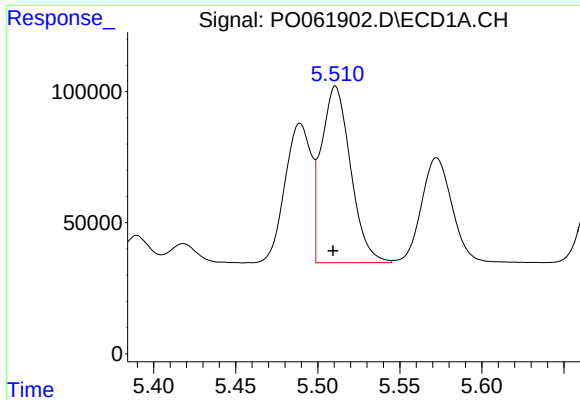
#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 594127
Conc: 320.63 ng/ml



#16 AR-1242-1

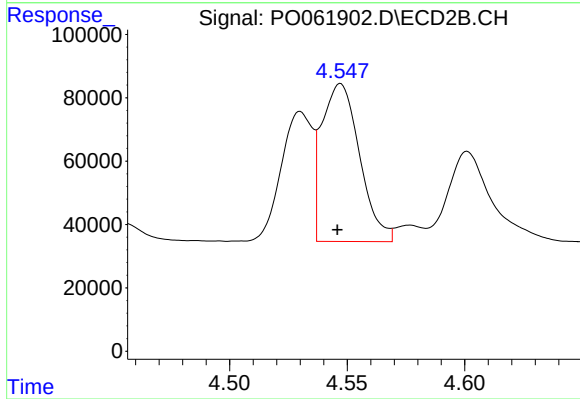
R.T.: 4.530 min
Delta R.T.: 0.001 min
Response: 378418
Conc: 314.65 ng/ml



#17 AR-1242-2

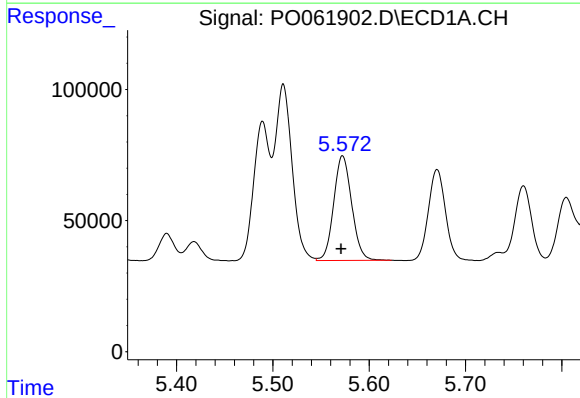
R.T.: 5.511 min
Delta R.T.: 0.001 min
Response: 834196
Conc: 314.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



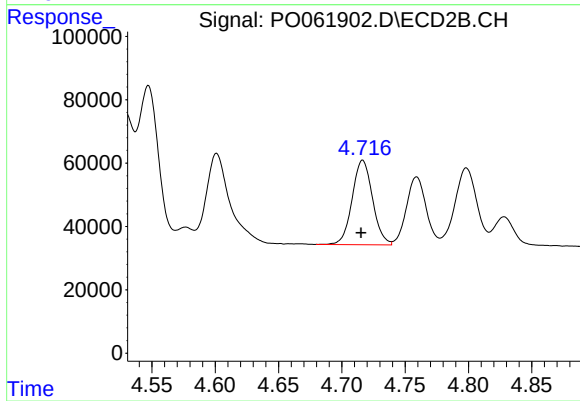
#17 AR-1242-2

R.T.: 4.547 min
Delta R.T.: 0.001 min
Response: 558282
Conc: 313.42 ng/ml



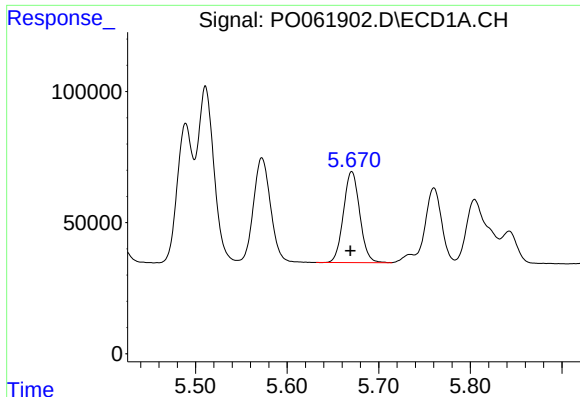
#18 AR-1242-3

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 518798
Conc: 317.67 ng/ml



#18 AR-1242-3

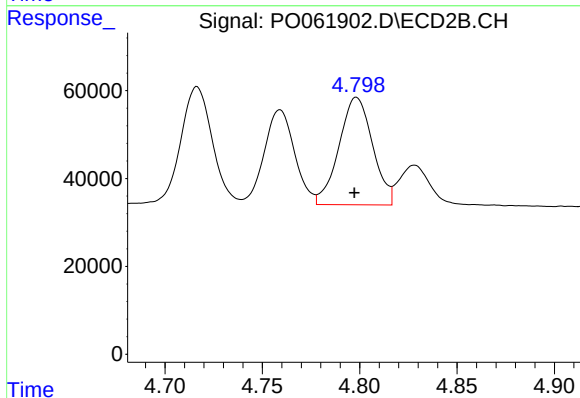
R.T.: 4.716 min
Delta R.T.: 0.001 min
Response: 299121
Conc: 314.19 ng/ml



#19 AR-1242-4

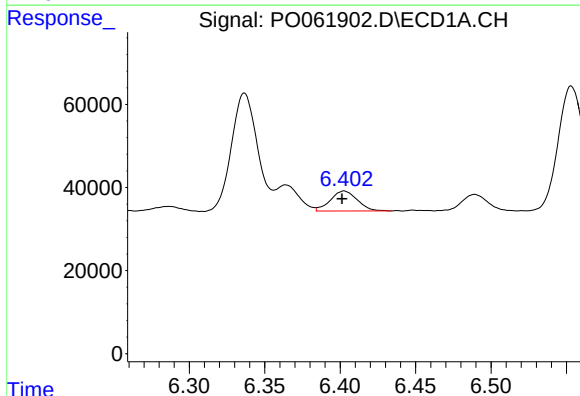
R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 429697
Conc: 318.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



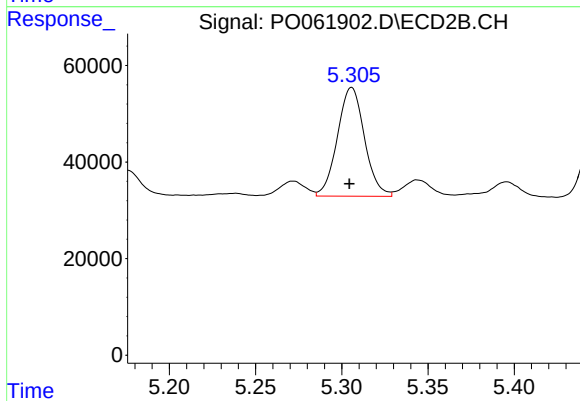
#19 AR-1242-4

R.T.: 4.798 min
Delta R.T.: 0.001 min
Response: 295083
Conc: 312.58 ng/ml



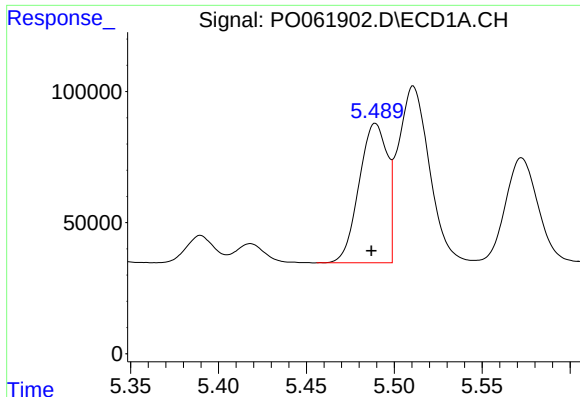
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.001 min
Response: 59679
Conc: 39.05 ng/ml



#20 AR-1242-5

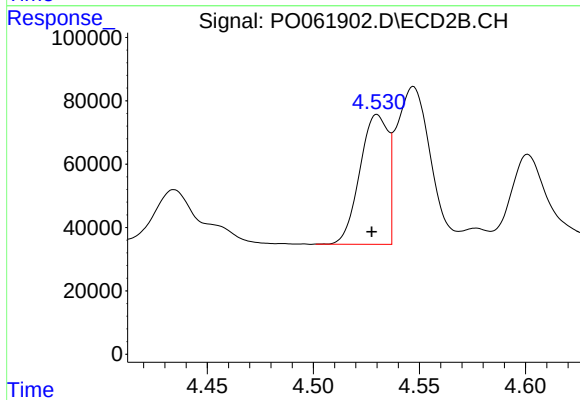
R.T.: 5.306 min
Delta R.T.: 0.001 min
Response: 245849
Conc: 206.03 ng/ml



#21 AR-1248-1

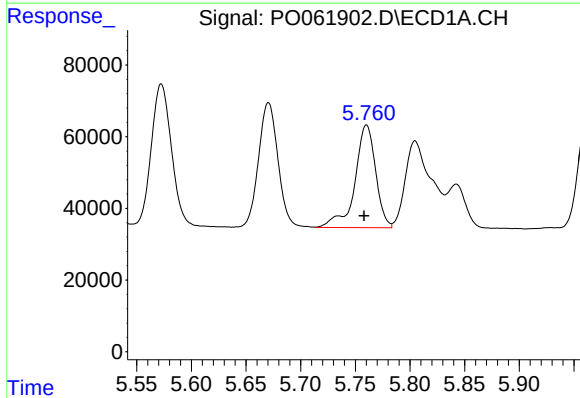
R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 594127
Conc: 414.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



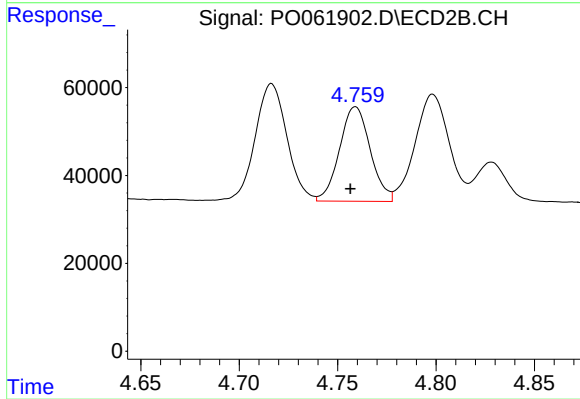
#21 AR-1248-1

R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 378418
Conc: 385.45 ng/ml



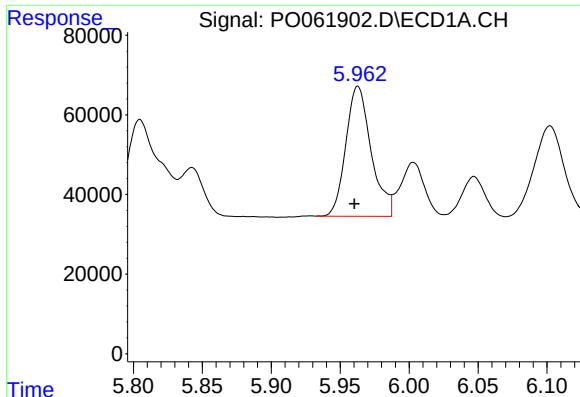
#22 AR-1248-2

R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 378029
Conc: 188.81 ng/ml



#22 AR-1248-2

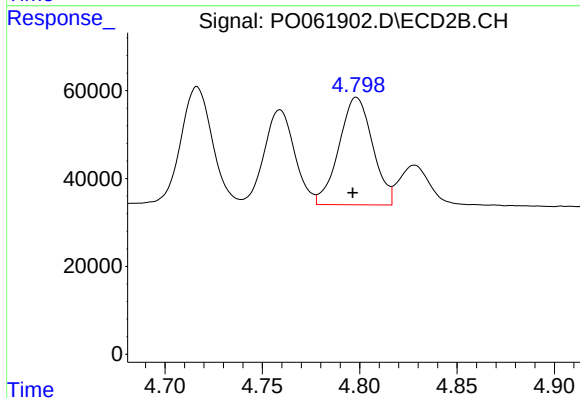
R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 234382
Conc: 185.00 ng/ml



#23 AR-1248-3

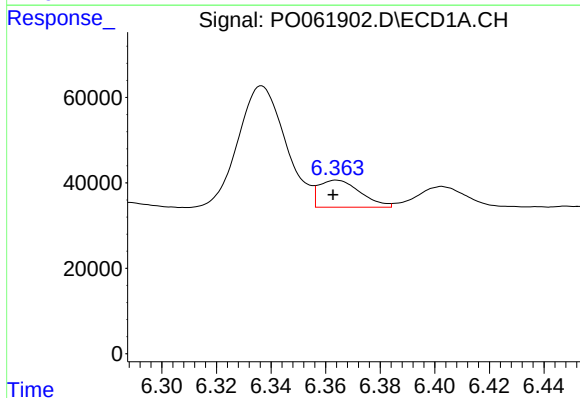
R.T.: 5.963 min
Delta R.T.: 0.003 min
Response: 417425
Conc: 189.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



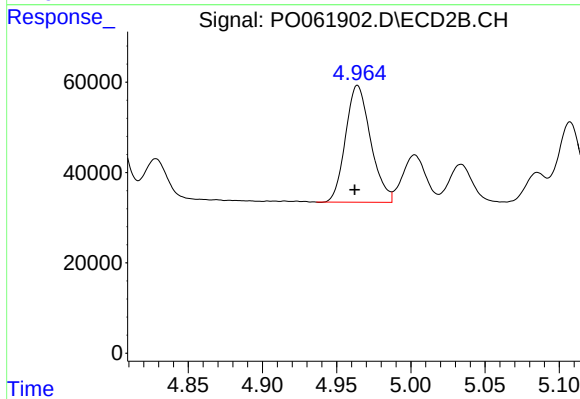
#23 AR-1248-3

R.T.: 4.798 min
Delta R.T.: 0.002 min
Response: 295083
Conc: 222.29 ng/ml



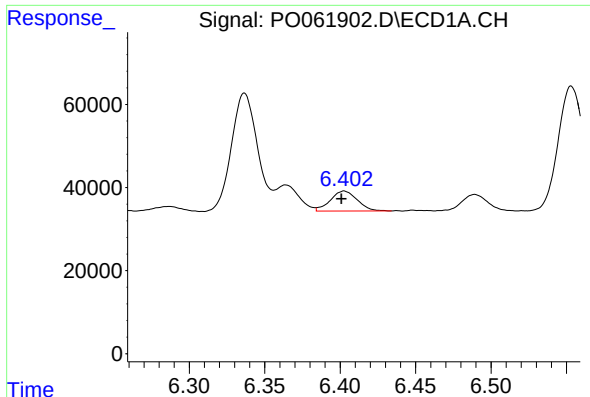
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: 0.001 min
Response: 66726
Conc: 26.12 ng/ml



#24 AR-1248-4

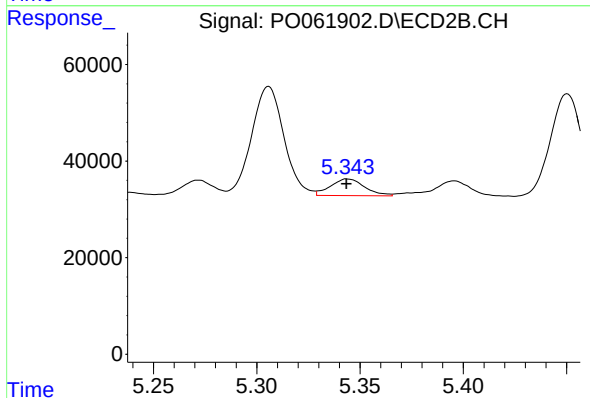
R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 304241
Conc: 192.27 ng/ml



#25 AR-1248-5

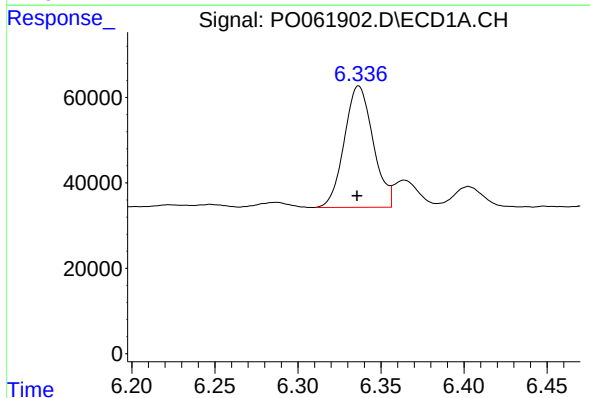
R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 59679
Conc: 24.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



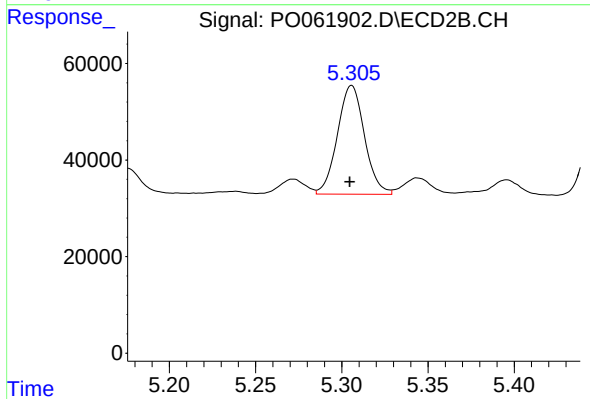
#25 AR-1248-5

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 39800
Conc: 25.86 ng/ml



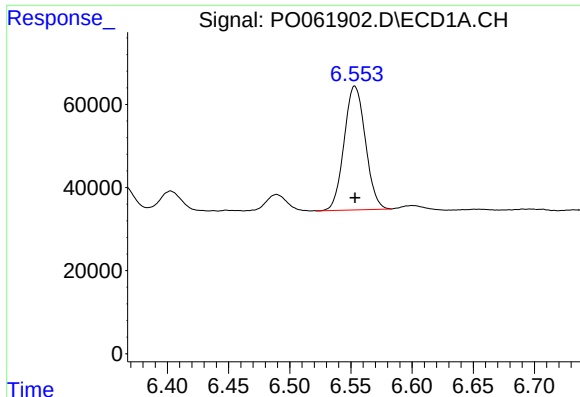
#26 AR-1254-1

R.T.: 6.337 min
Delta R.T.: 0.001 min
Response: 343136
Conc: 128.73 ng/ml



#26 AR-1254-1

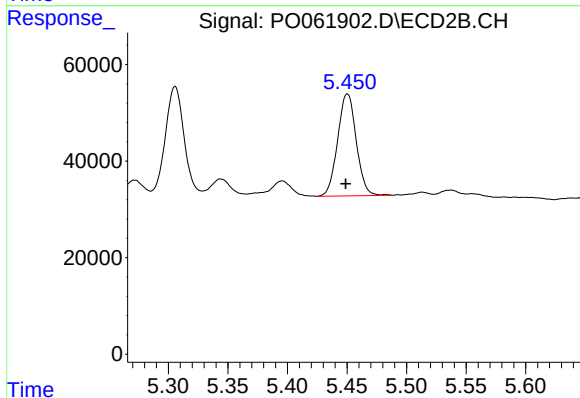
R.T.: 5.306 min
Delta R.T.: 0.001 min
Response: 245849
Conc: 100.52 ng/ml



#27 AR-1254-2

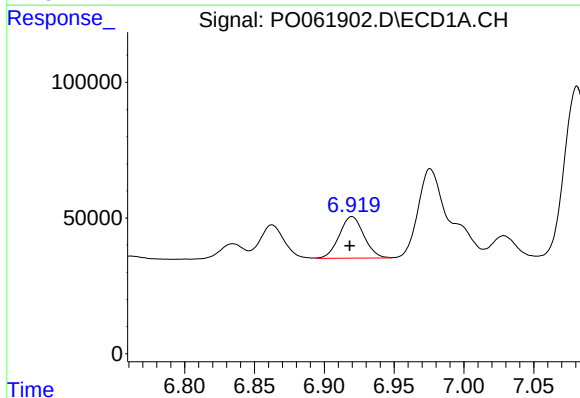
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 360395
Conc: 88.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



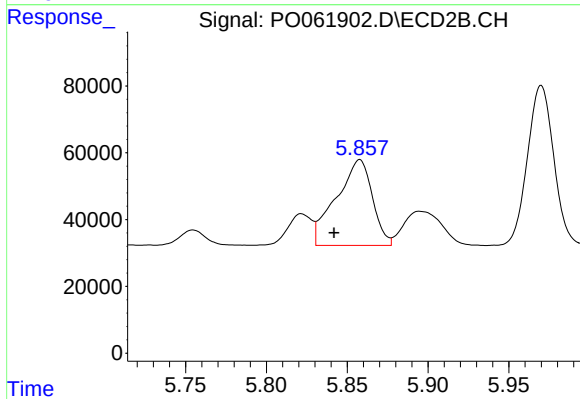
#27 AR-1254-2

R.T.: 5.450 min
Delta R.T.: 0.001 min
Response: 229599
Conc: 108.41 ng/ml



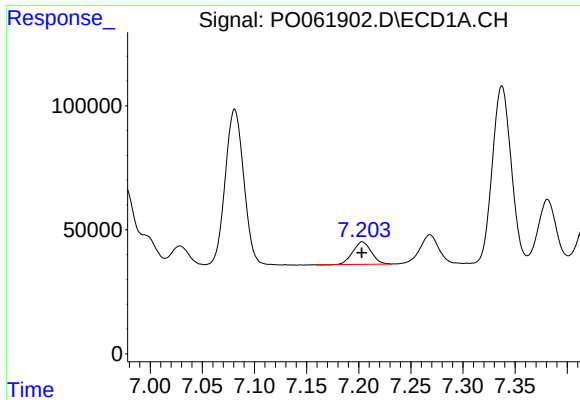
#28 AR-1254-3

R.T.: 6.920 min
Delta R.T.: 0.002 min
Response: 188623
Conc: 45.08 ng/ml



#28 AR-1254-3

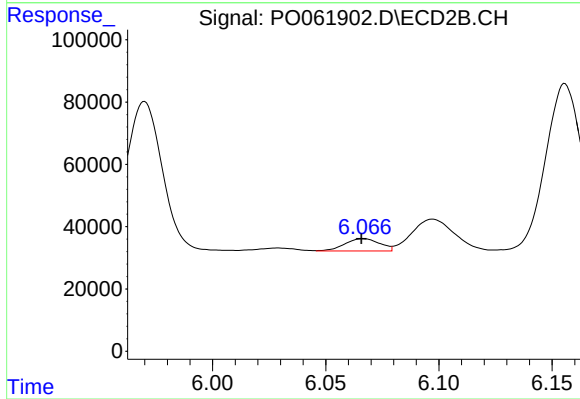
R.T.: 5.858 min
Delta R.T.: 0.016 min
Response: 399697
Conc: 122.68 ng/ml



#29 AR-1254-4

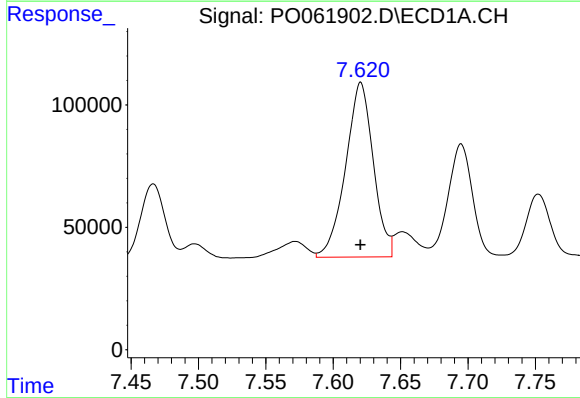
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 112556
Conc: 37.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



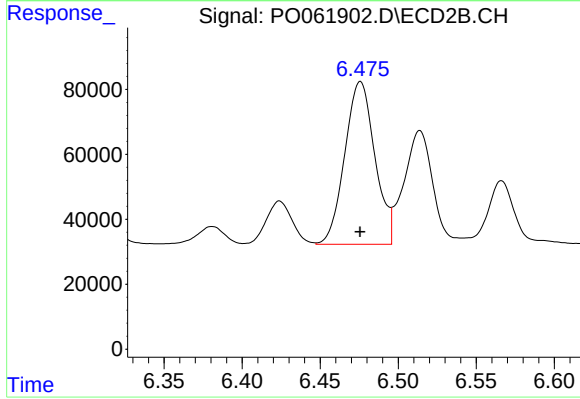
#29 AR-1254-4

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 42072
Conc: 21.78 ng/ml



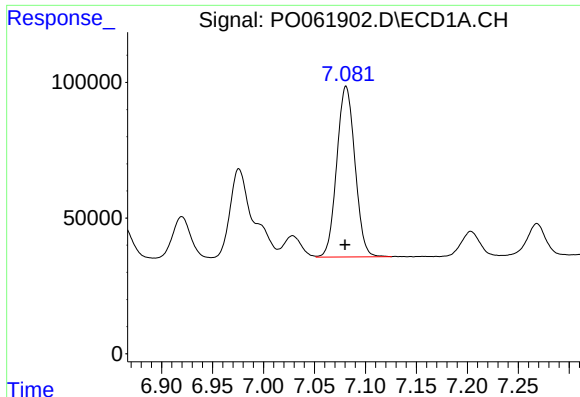
#30 AR-1254-5

R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 1020487
Conc: 325.63 ng/ml



#30 AR-1254-5

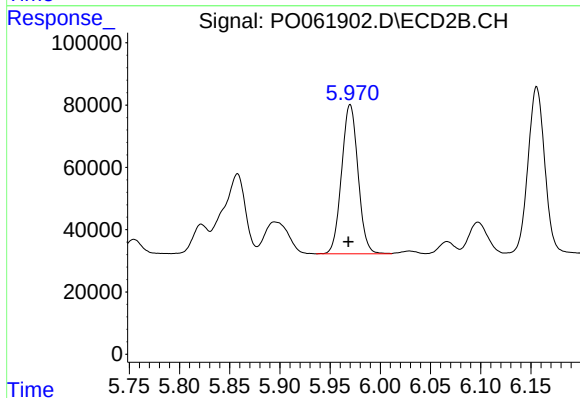
R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 673466
Conc: 254.98 ng/ml



#31 AR-1260-1

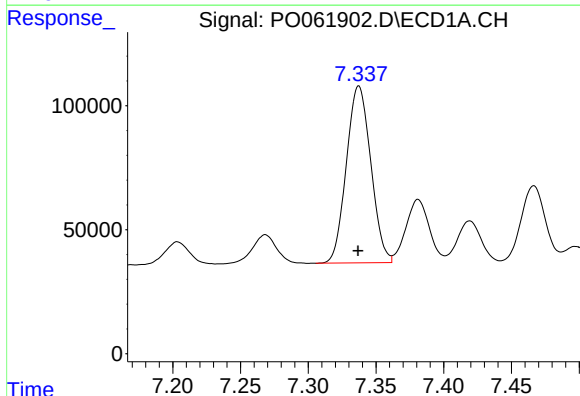
R.T.: 7.081 min
Delta R.T.: 0.001 min
Response: 780723
Conc: 274.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



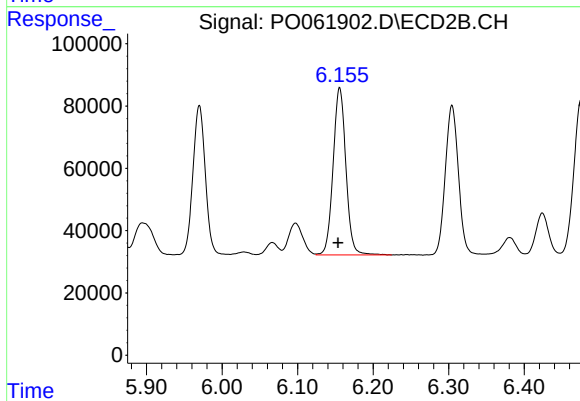
#31 AR-1260-1

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 546330
Conc: 257.13 ng/ml



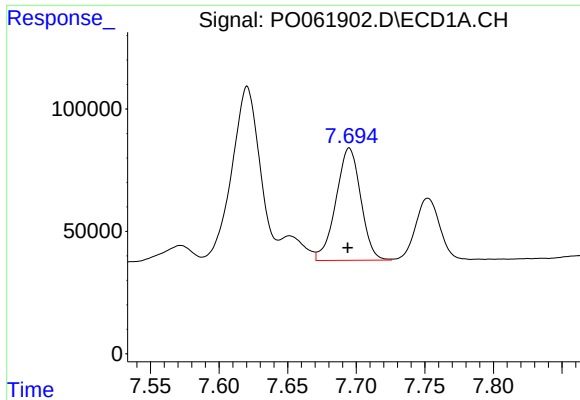
#32 AR-1260-2

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 896566
Conc: 261.35 ng/ml



#32 AR-1260-2

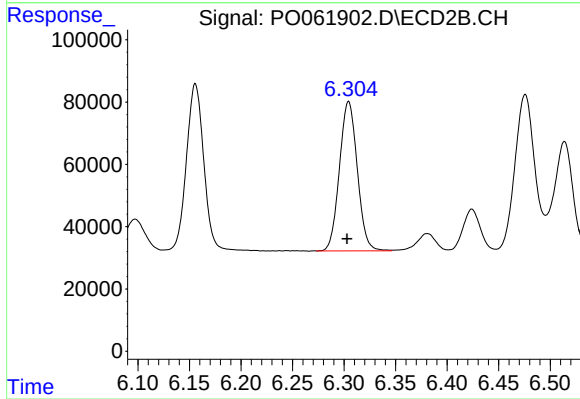
R.T.: 6.156 min
Delta R.T.: 0.002 min
Response: 630755
Conc: 248.56 ng/ml



#33 AR-1260-3

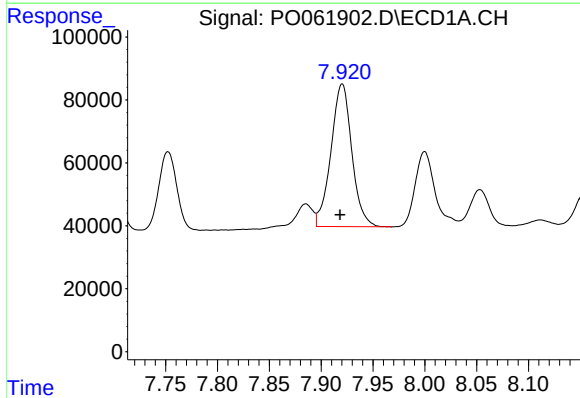
R.T.: 7.695 min
Delta R.T.: 0.001 min
Response: 577855
Conc: 218.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



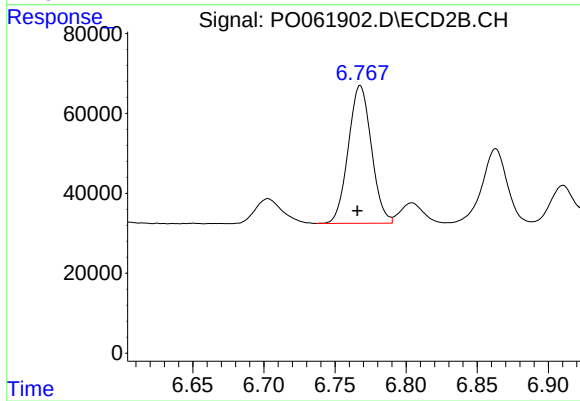
#33 AR-1260-3

R.T.: 6.304 min
Delta R.T.: 0.001 min
Response: 578107
Conc: 256.01 ng/ml



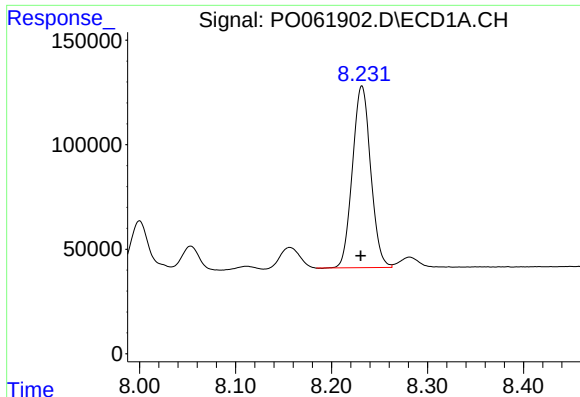
#34 AR-1260-4

R.T.: 7.920 min
Delta R.T.: 0.002 min
Response: 636472
Conc: 227.55 ng/ml



#34 AR-1260-4

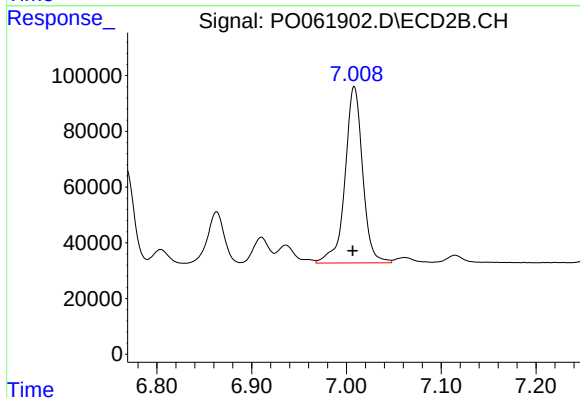
R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 389904
Conc: 222.06 ng/ml



#35 AR-1260-5

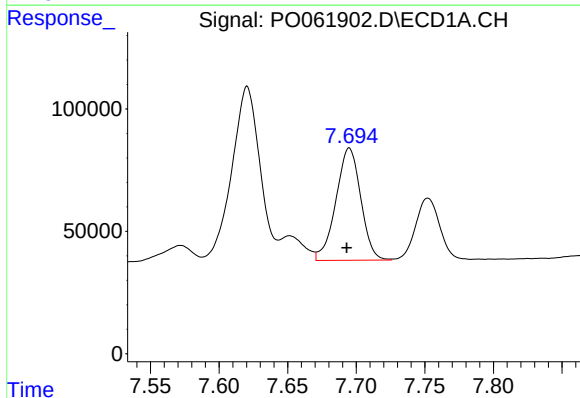
R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 1154367
Conc: 220.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



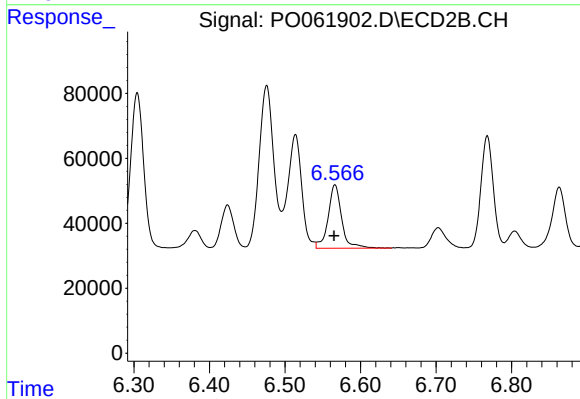
#35 AR-1260-5

R.T.: 7.008 min
Delta R.T.: 0.002 min
Response: 817987
Conc: 227.06 ng/ml



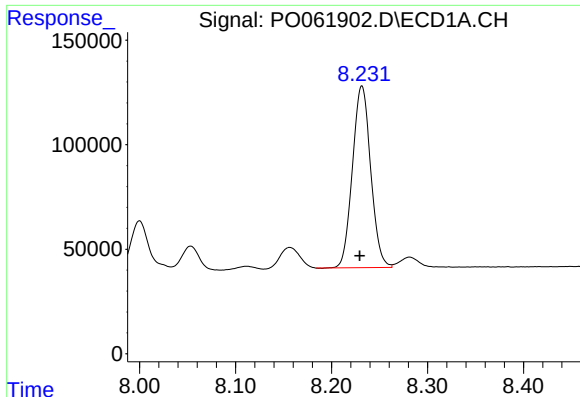
#36 AR-1262-1

R.T.: 7.695 min
Delta R.T.: 0.002 min
Response: 577855
Conc: 140.77 ng/ml



#36 AR-1262-1

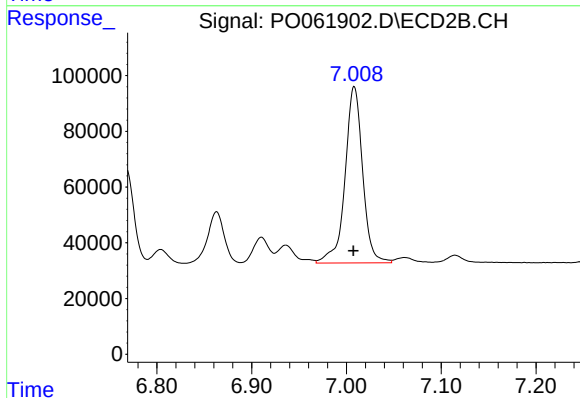
R.T.: 6.566 min
Delta R.T.: 0.001 min
Response: 242096
Conc: 203.14 ng/ml



#37 AR-1262-2

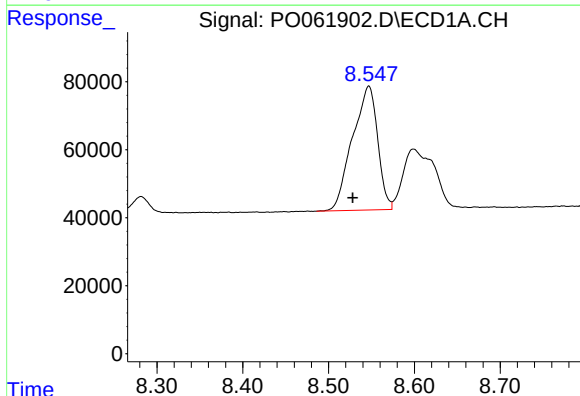
R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 1154367
Conc: 179.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



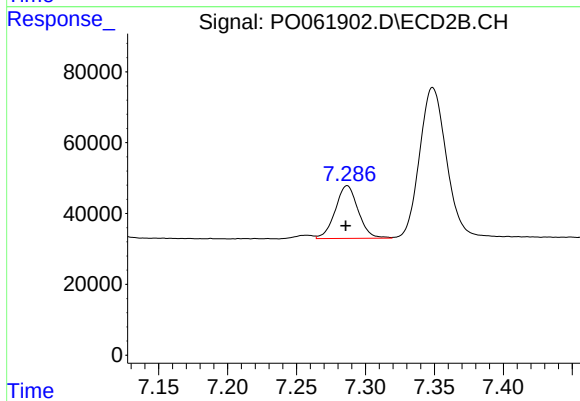
#37 AR-1262-2

R.T.: 7.008 min
Delta R.T.: 0.001 min
Response: 817987
Conc: 194.68 ng/ml



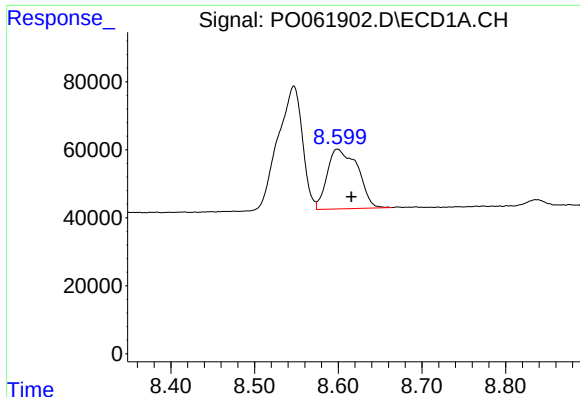
#38 AR-1262-3

R.T.: 8.547 min
Delta R.T.: 0.019 min
Response: 744707
Conc: 169.35 ng/ml



#38 AR-1262-3

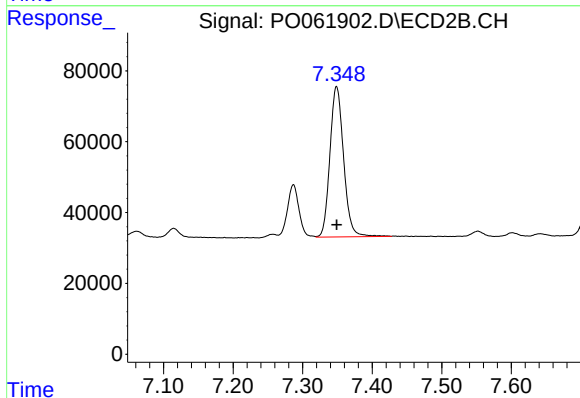
R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 171969
Conc: 97.78 ng/ml



#39 AR-1262-4

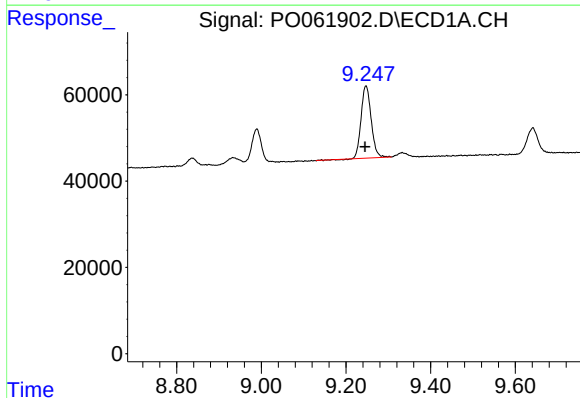
R.T.: 8.599 min
Delta R.T.: -0.017 min
Response: 445032
Conc: 128.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



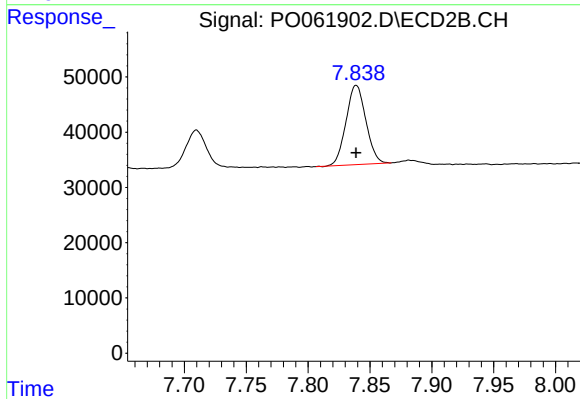
#39 AR-1262-4

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 579367
Conc: 189.51 ng/ml



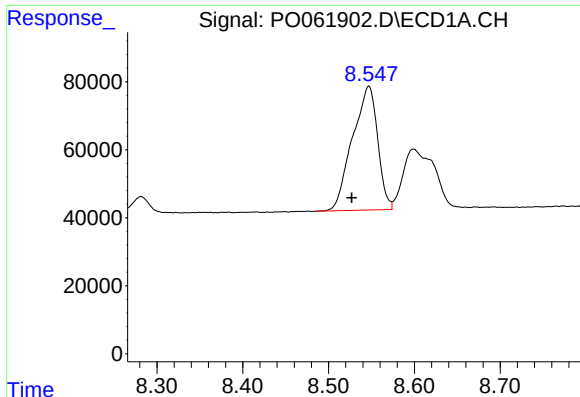
#40 AR-1262-5

R.T.: 9.247 min
Delta R.T.: 0.002 min
Response: 276904
Conc: 122.60 ng/ml



#40 AR-1262-5

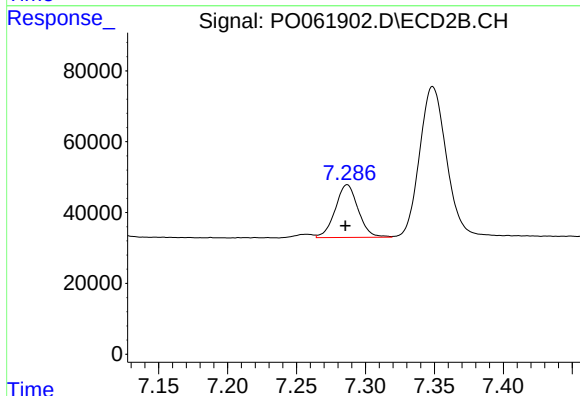
R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 160124
Conc: 122.60 ng/ml



#41 AR-1268-1

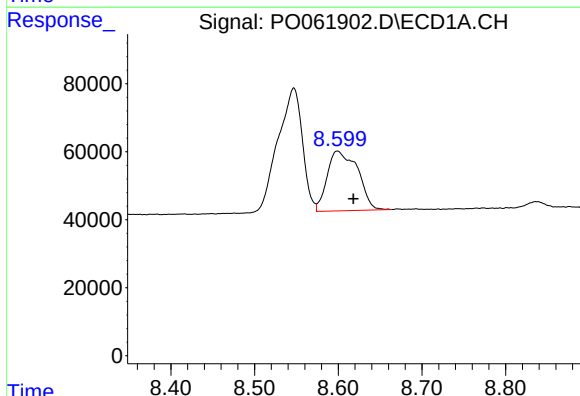
R.T.: 8.547 min
Delta R.T.: 0.020 min
Response: 744707
Conc: 98.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



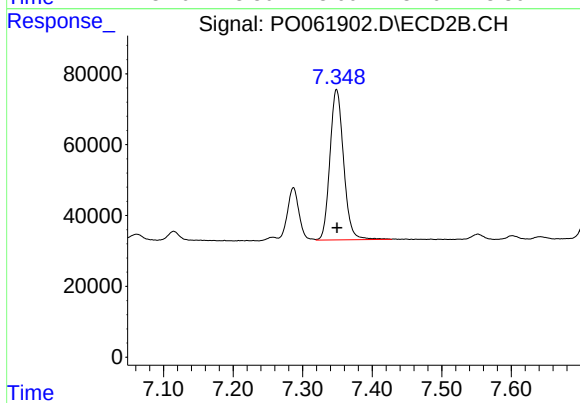
#41 AR-1268-1

R.T.: 7.287 min
Delta R.T.: 0.001 min
Response: 171969
Conc: 36.72 ng/ml



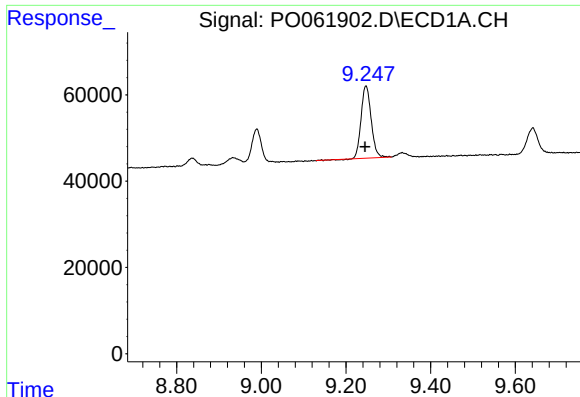
#42 AR-1268-2

R.T.: 8.599 min
Delta R.T.: -0.019 min
Response: 445032
Conc: 63.35 ng/ml



#42 AR-1268-2

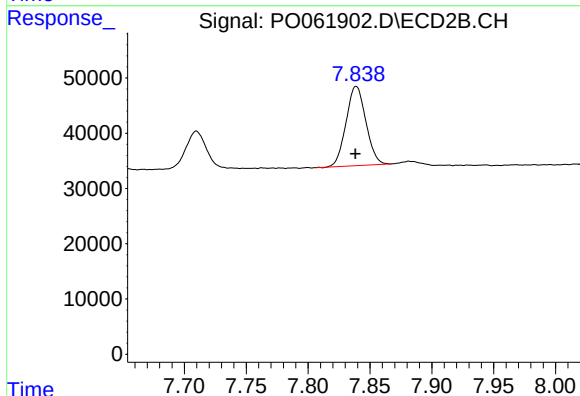
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 579367
Conc: 138.68 ng/ml



#44 AR-1268-4

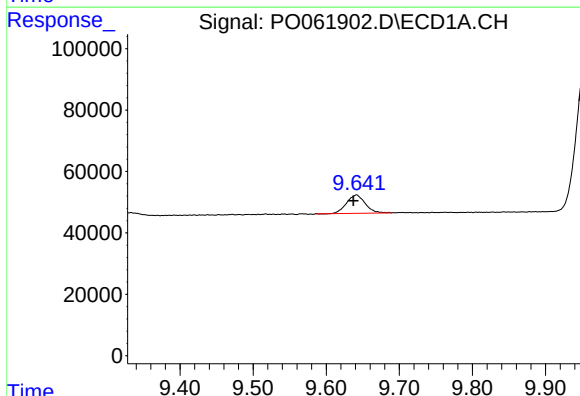
R.T.: 9.247 min
Delta R.T.: 0.002 min
Response: 276904
Conc: 116.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



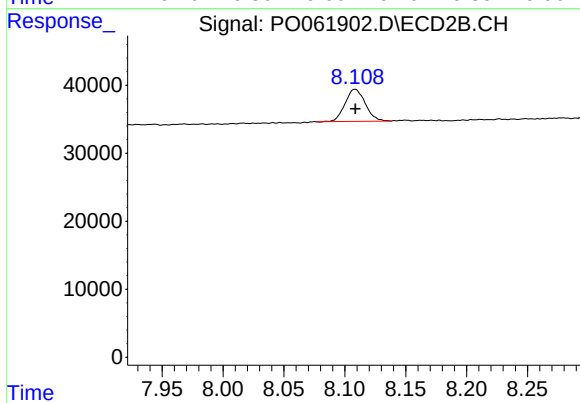
#44 AR-1268-4

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 160124
Conc: 112.38 ng/ml



#45 AR-1268-5

R.T.: 9.641 min
Delta R.T.: 0.004 min
Response: 105572
Conc: 5.86 ng/ml



#45 AR-1268-5

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 54387
Conc: 5.87 ng/ml