

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103019\
 Data File : PO063313.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2019 19:30
 Operator : HP/AJ
 Sample : K5599-15MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 Z3-23BMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:57:35 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...	4.317	3.480	1086148	1050397	18.636	19.233
2)	SA Decachlor...	9.933	8.321	807629	566763	13.880	13.257
Target Compounds							
3)	L1 AR-1016-1	5.476	4.522	431100	338039	197.194	180.432
4)	L1 AR-1016-2	5.498	4.538	643556	612693	205.425	224.632
5)	L1 AR-1016-3	5.559	4.708	383127	267019	204.501	192.394
6)	L1 AR-1016-4	5.658	4.750	308860	213736	195.595	191.370
7)	L1 AR-1016-5	5.948	4.955	298998	268800	196.271	178.425
8)	L2 AR-1221-1	0.000	3.685	0	32950	N.D.	63.725 #
9)	L2 AR-1221-2	0.000	3.768	0	52545	N.D.	136.095 #
10)	L2 AR-1221-3	4.687	3.841	238977	197333	172.966	160.483
11)	L3 AR-1232-1	4.687	3.841	238977	197333	125.240	115.617
12)	L3 AR-1232-2	5.210	4.538	315267	612693	318.480	311.477
13)	L3 AR-1232-3	5.498	4.708	643556	267019	284.193	276.006
14)	L3 AR-1232-4	5.658	4.790	308860	256998	279.656	309.528
15)	L3 AR-1232-5	5.746	4.955	268199	268800	334.469	287.193
16)	L4 AR-1242-1	5.476	4.522	431100	338039	268.765	244.624
17)	L4 AR-1242-2	5.498	4.538	643556	612693	279.126	298.630
18)	L4 AR-1242-3	5.559	4.708	383127	267019	275.745	254.792
19)	L4 AR-1242-4	5.658	4.790	308860	256998	264.355	258.909
20)	L4 AR-1242-5	6.321	5.295	180098	203362	125.130	145.567
21)	L5 AR-1248-1	5.476	4.522	431100	338039	349.653	309.277
22)	L5 AR-1248-2	5.746	4.750	268199	213736	154.828	152.843
23)	L5 AR-1248-3	5.948	4.790	298998	256998	154.236	177.706
24)	L5 AR-1248-4	6.321	4.955	180098	268800	72.359	149.275 #
25)	L5 AR-1248-5	6.321	5.335	180098	26711	77.145	14.450 #
26)	L6 AR-1254-1	6.321	5.295	180098	203362	70.837	67.511
27)	L6 AR-1254-2	6.538	5.440	243456	197579	60.187	73.259
28)	L6 AR-1254-3	6.903	5.845	114894	351541	26.993	81.883 #
29)	L6 AR-1254-4	7.252	6.056	104464	29727	30.863	10.432 #
30)	L6 AR-1254-5	7.603	6.463	679375	625301	204.816	167.747
31)	L7 AR-1260-1	7.065	5.958	513383	474972	165.546	171.976
32)	L7 AR-1260-2	7.321	6.143	644434	669222	159.634	174.419
33)	L7 AR-1260-3	7.678	6.291	436935	554970	136.054	176.875 #
34)	L7 AR-1260-4	7.903	6.754	436054	379003	136.593	149.691
35)	L7 AR-1260-5	8.214	6.995	817555	942959	139.400	154.700
36)	L8 AR-1262-1	7.678	6.553	436935	236752	91.534	130.115 #
37)	L8 AR-1262-2	8.214	6.995	817555	942959	117.264	132.306
38)	L8 AR-1262-3	8.528	7.272	522787	180645	113.112	67.401 #
39)	L8 AR-1262-4	8.581	7.334	317281	587880	88.122	128.192 #
40)	L8 AR-1262-5	9.227	7.824	199047	164262	86.968	83.707
41)	L9 AR-1268-1	8.528	7.272	522787	180645	62.423	22.670 #

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 Acq On : 30 Oct 2019 19:30
 Operator : HP/AJ
 Sample : K5599-15MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

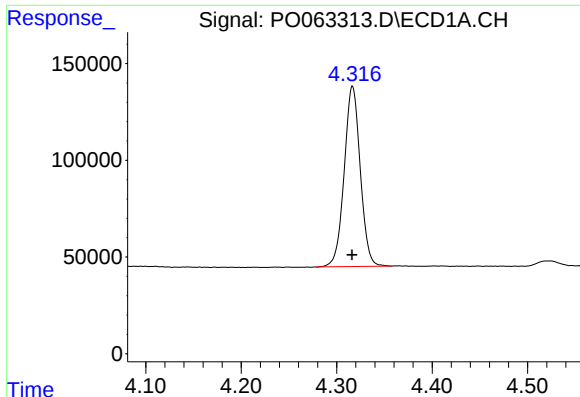
Instrument :
 ECD_O
 ClientSampleId :
 Z3-23BMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.581	7.334	317281	587880	43.303	89.282 #
44) L9	AR-1268-4	9.227	7.824	199047	164262	80.870	76.105
45) L9	AR-1268-5	0.000	8.094	0	56751	N.D.	3.790 #

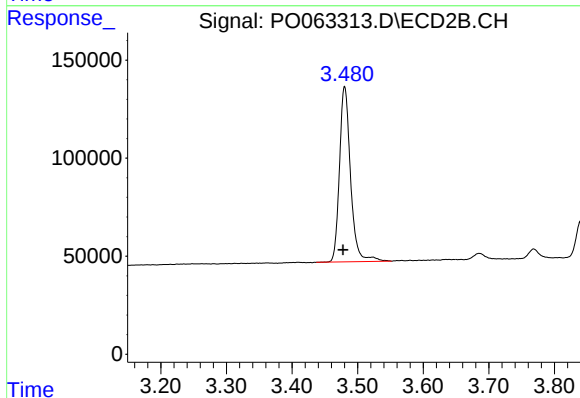
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

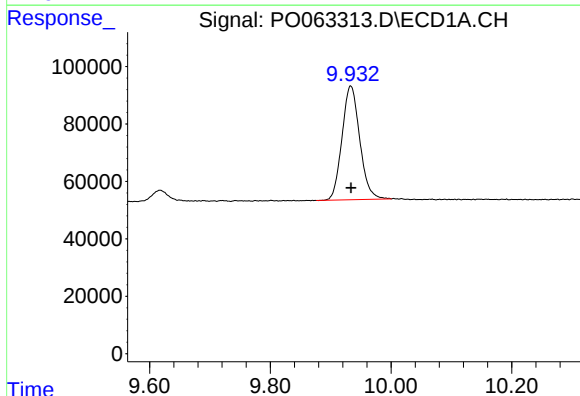
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 1086148
Conc: 18.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



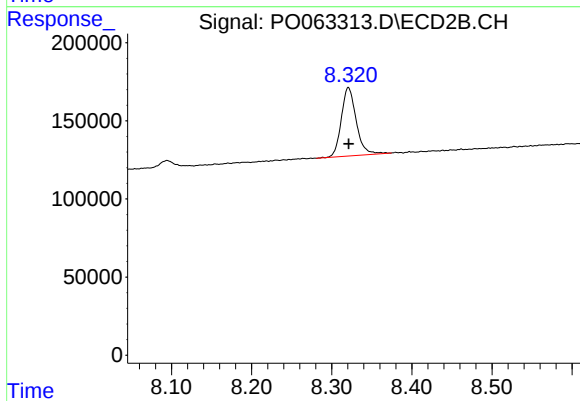
#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.002 min
Response: 1050397
Conc: 19.23 ng/ml



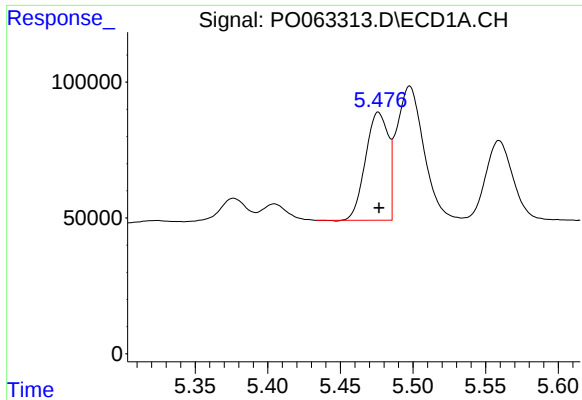
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 807629
Conc: 13.88 ng/ml



#2 Decachlorobiphenyl

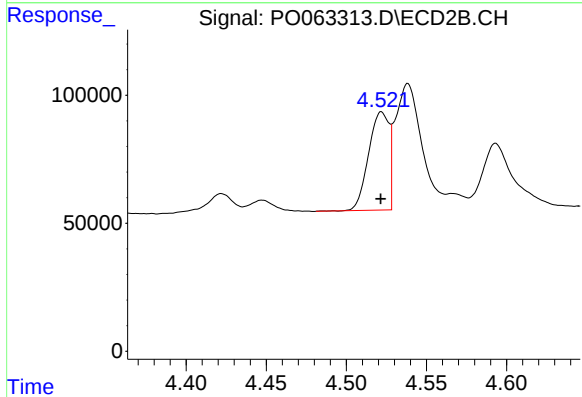
R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 566763
Conc: 13.26 ng/ml



#3 AR-1016-1

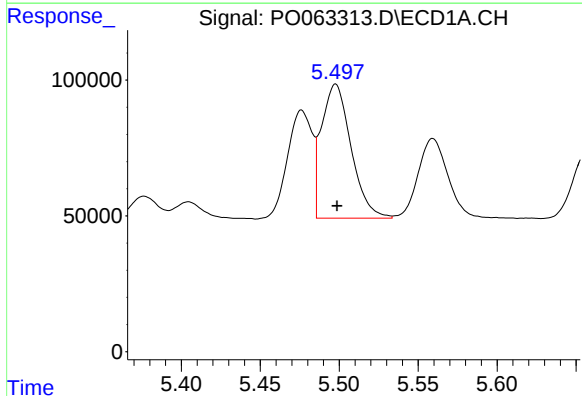
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 431100
Conc: 197.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



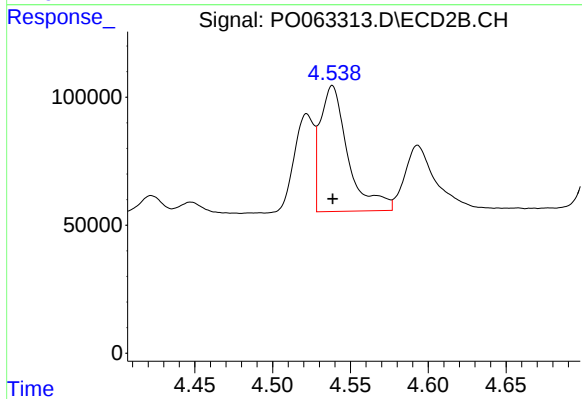
#3 AR-1016-1

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 338039
Conc: 180.43 ng/ml



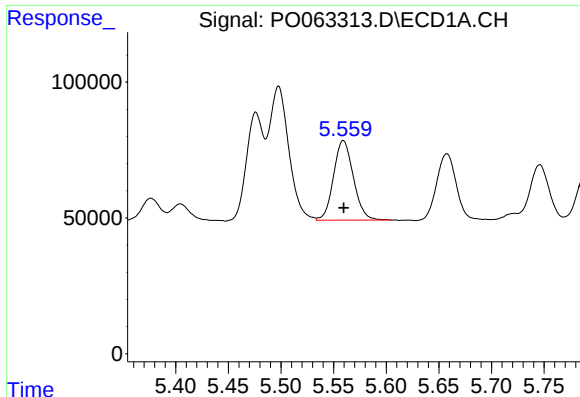
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 643556
Conc: 205.43 ng/ml



#4 AR-1016-2

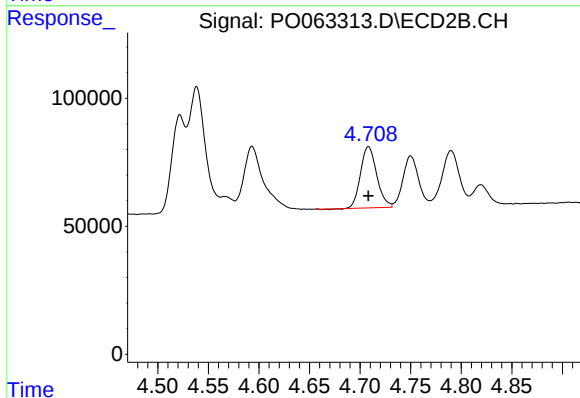
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 612693
Conc: 224.63 ng/ml



#5 AR-1016-3

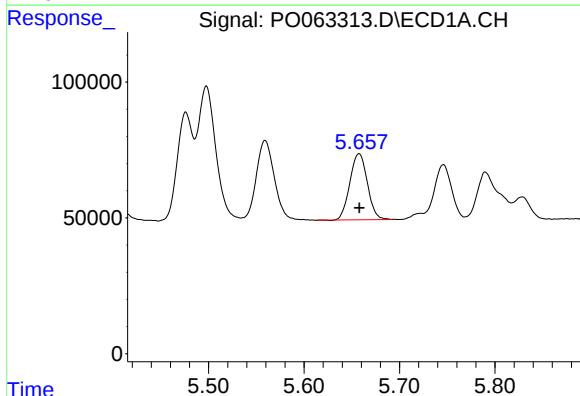
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 383127
Conc: 204.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



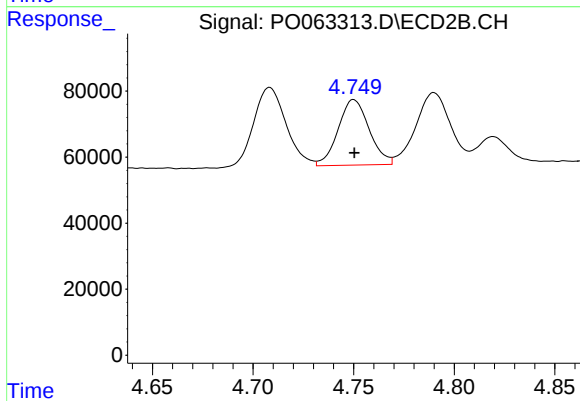
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 267019
Conc: 192.39 ng/ml



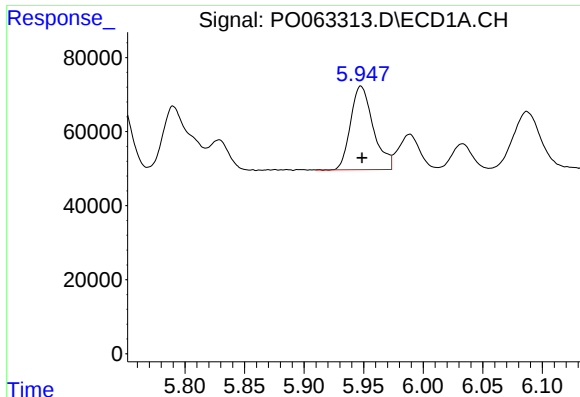
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 308860
Conc: 195.59 ng/ml



#6 AR-1016-4

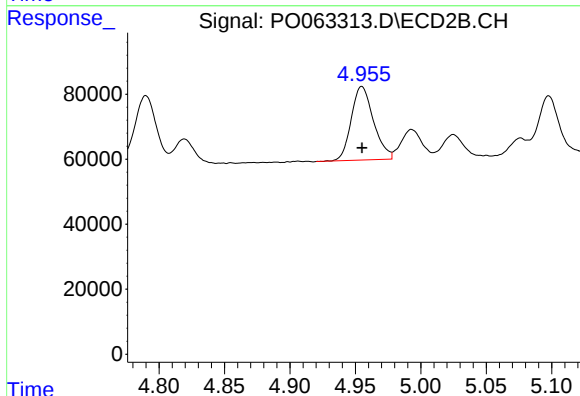
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 213736
Conc: 191.37 ng/ml



#7 AR-1016-5

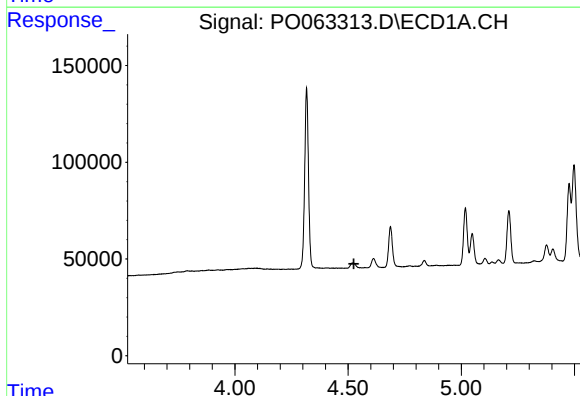
R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 298998
Conc: 196.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



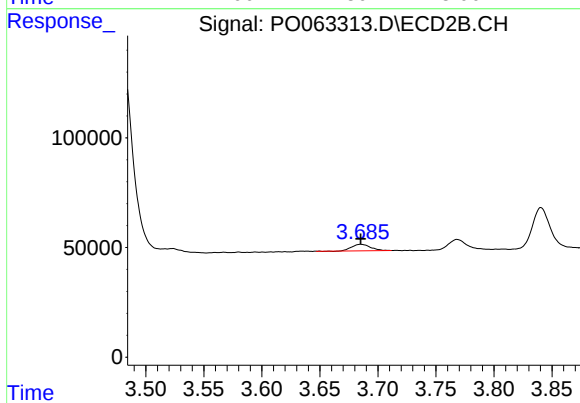
#7 AR-1016-5

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 268800
Conc: 178.42 ng/ml



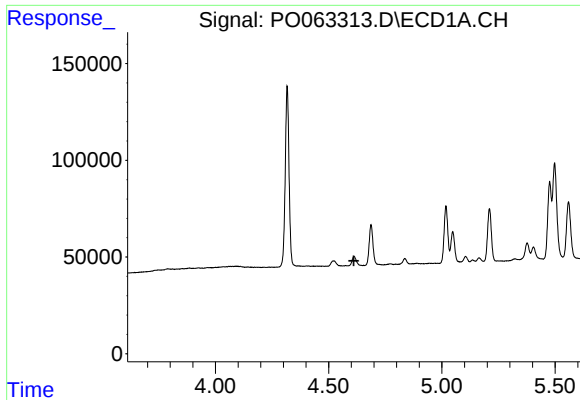
#8 AR-1221-1

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



#8 AR-1221-1

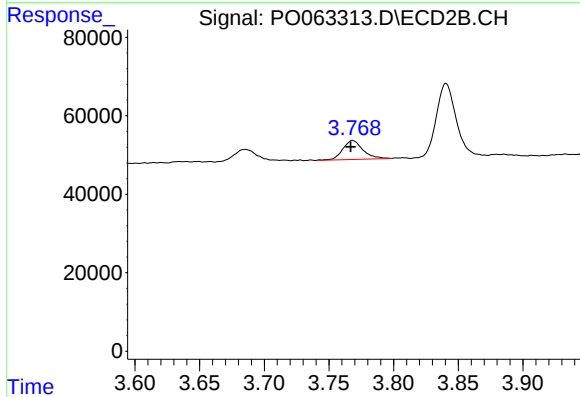
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 32950
Conc: 63.72 ng/ml



#9 AR-1221-2

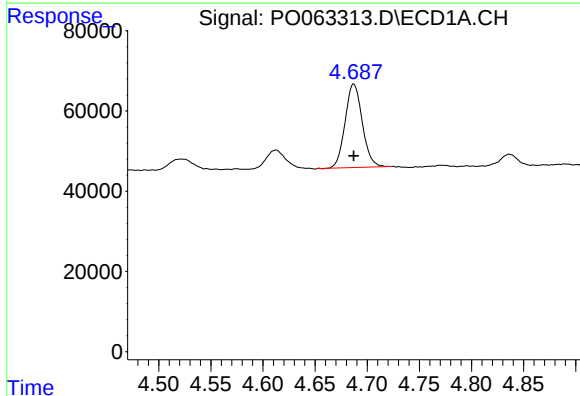
R.T.: 0.000 min
Exp R.T.: 4.611 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



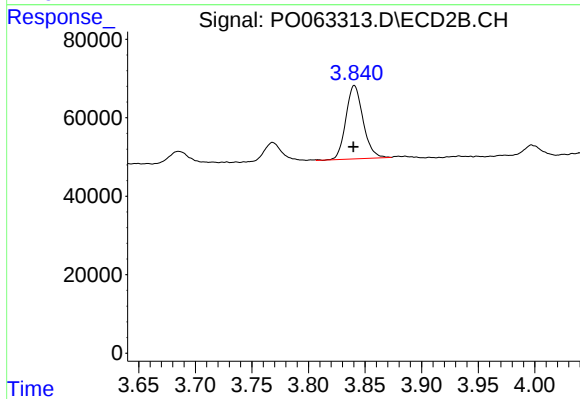
#9 AR-1221-2

R.T.: 3.768 min
Delta R.T.: 0.002 min
Response: 52545
Conc: 136.10 ng/ml



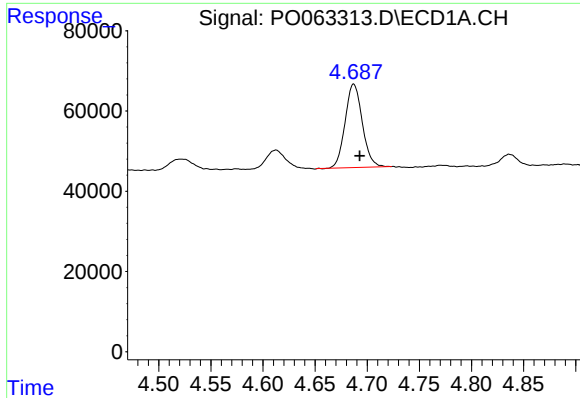
#10 AR-1221-3

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 238977
Conc: 172.97 ng/ml



#10 AR-1221-3

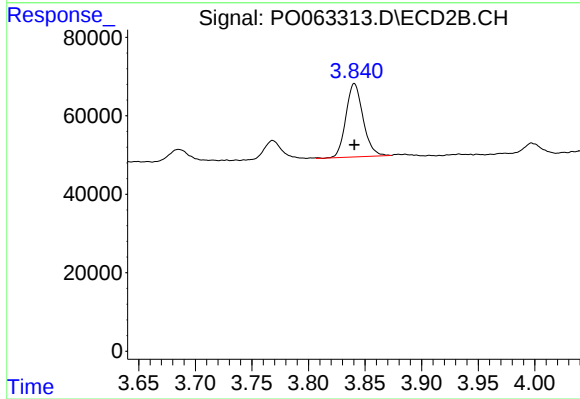
R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 197333
Conc: 160.48 ng/ml



#11 AR-1232-1

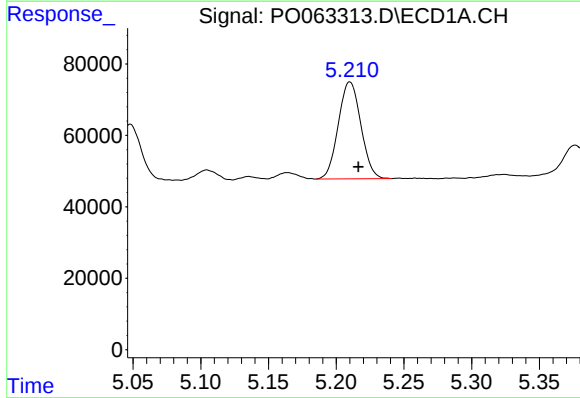
R.T.: 4.687 min
Delta R.T.: -0.006 min
Response: 238977
Conc: 125.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



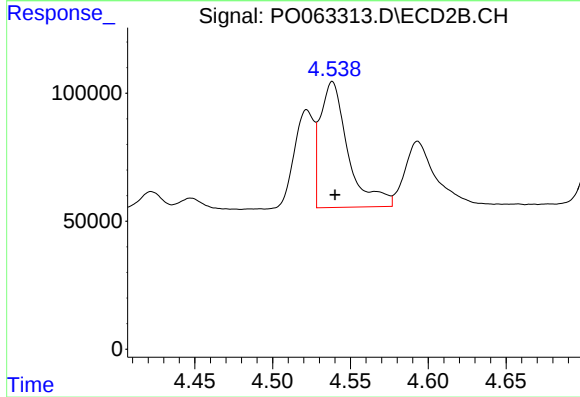
#11 AR-1232-1

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 197333
Conc: 115.62 ng/ml



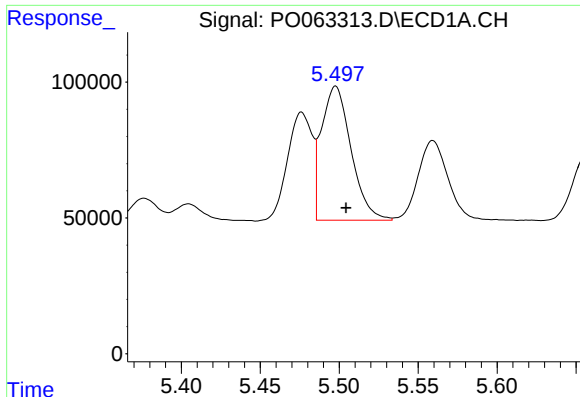
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: -0.006 min
Response: 315267
Conc: 318.48 ng/ml



#12 AR-1232-2

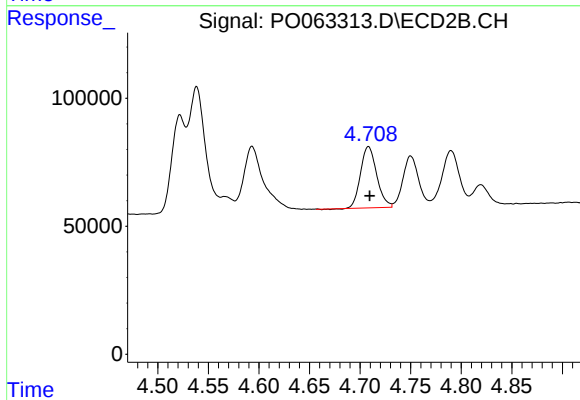
R.T.: 4.538 min
Delta R.T.: -0.002 min
Response: 612693
Conc: 311.48 ng/ml



#13 AR-1232-3

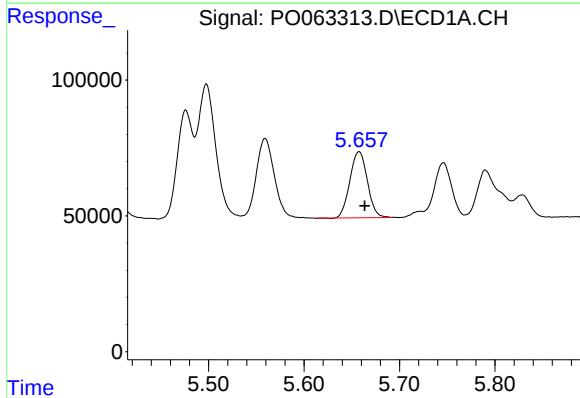
R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 643556
Conc: 284.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



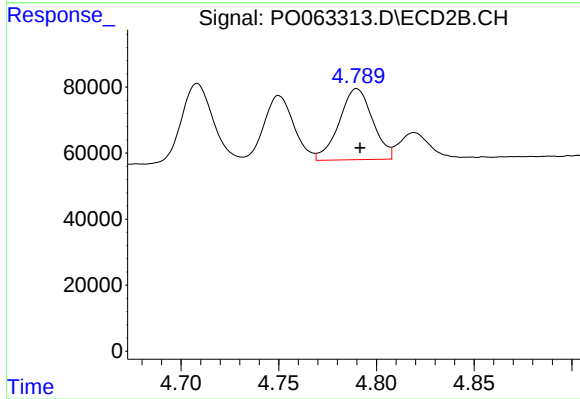
#13 AR-1232-3

R.T.: 4.708 min
Delta R.T.: -0.001 min
Response: 267019
Conc: 276.01 ng/ml



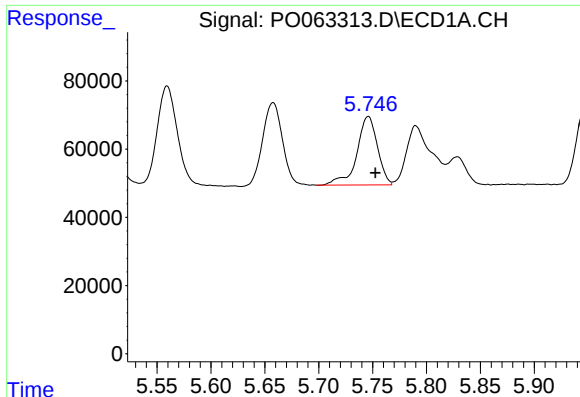
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: -0.006 min
Response: 308860
Conc: 279.66 ng/ml



#14 AR-1232-4

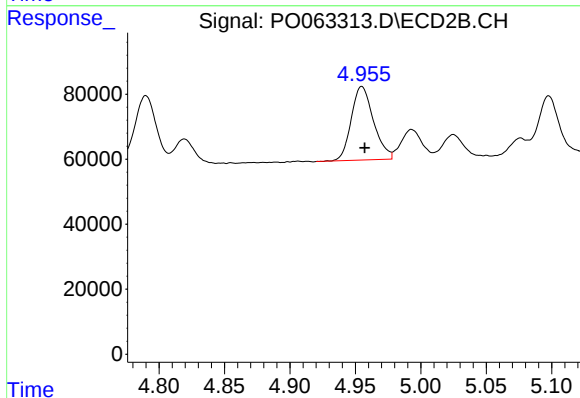
R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 256998
Conc: 309.53 ng/ml



#15 AR-1232-5

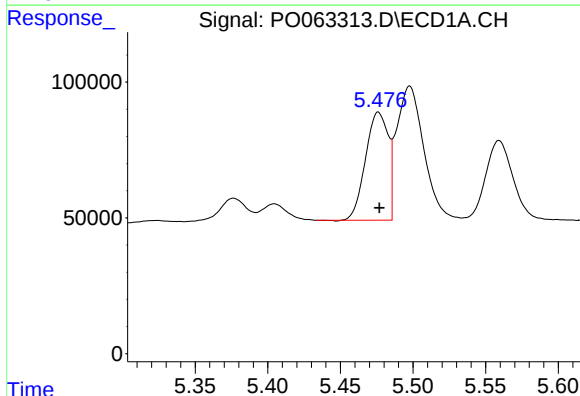
R.T.: 5.746 min
Delta R.T.: -0.007 min
Response: 268199
Conc: 334.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



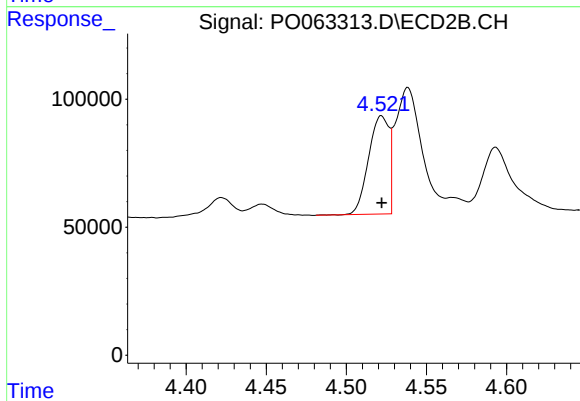
#15 AR-1232-5

R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 268800
Conc: 287.19 ng/ml



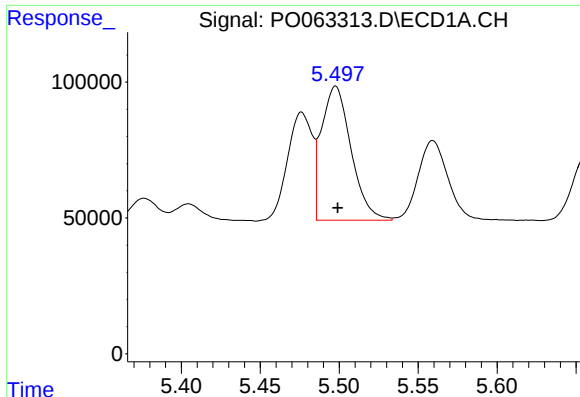
#16 AR-1242-1

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 431100
Conc: 268.77 ng/ml



#16 AR-1242-1

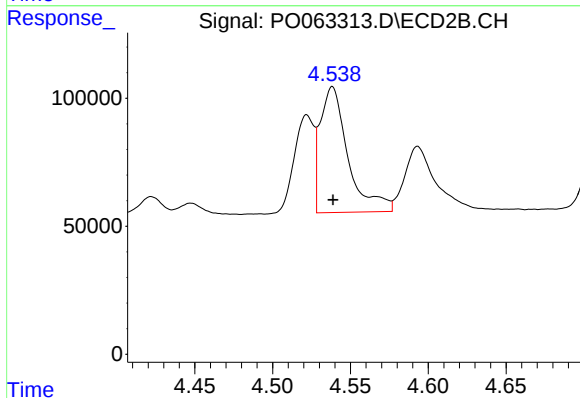
R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 338039
Conc: 244.62 ng/ml



#17 AR-1242-2

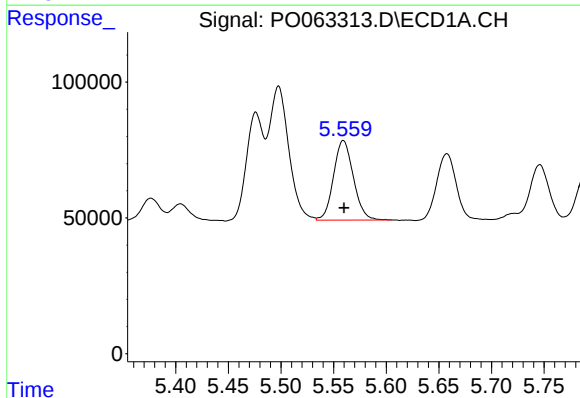
R.T.: 5.498 min
Delta R.T.: -0.001 min
Response: 643556
Conc: 279.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



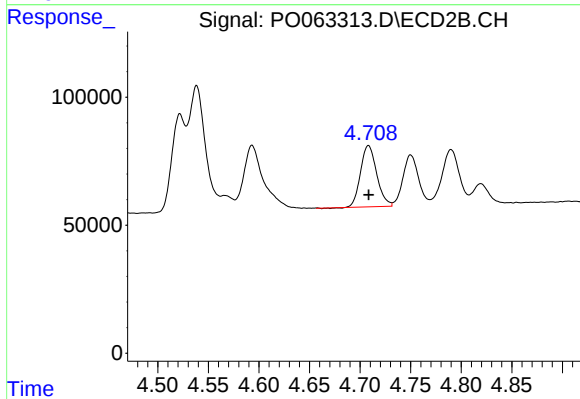
#17 AR-1242-2

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 612693
Conc: 298.63 ng/ml



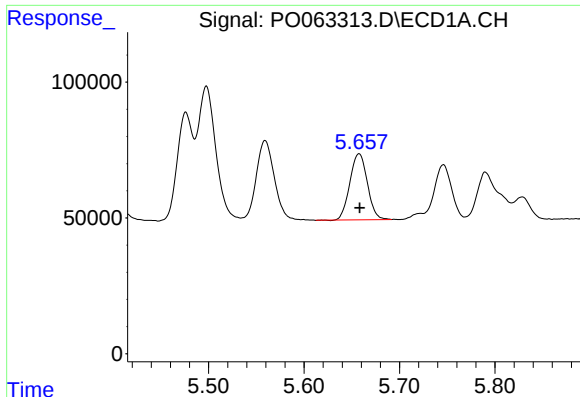
#18 AR-1242-3

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 383127
Conc: 275.75 ng/ml



#18 AR-1242-3

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 267019
Conc: 254.79 ng/ml



#19 AR-1242-4

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 308860
Conc: 264.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD

#19 AR-1242-4

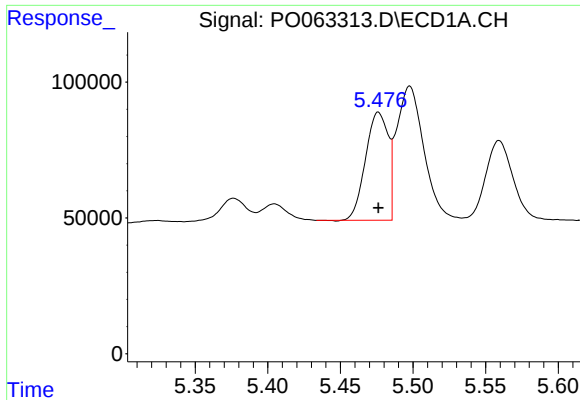
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 256998
Conc: 258.91 ng/ml

#20 AR-1242-5

R.T.: 6.321 min
Delta R.T.: -0.068 min
Response: 180098
Conc: 125.13 ng/ml

#20 AR-1242-5

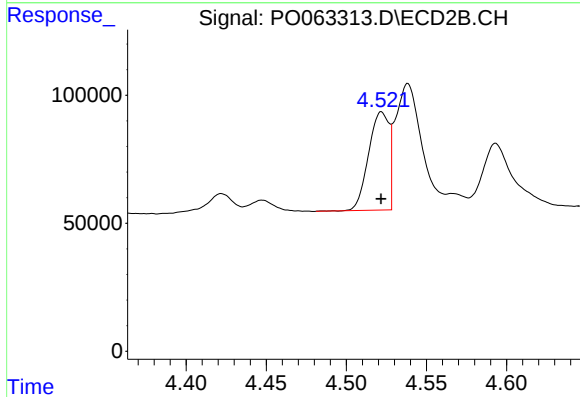
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 203362
Conc: 145.57 ng/ml



#21 AR-1248-1

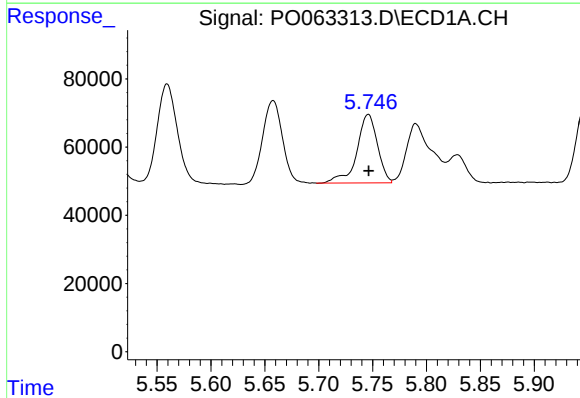
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 431100
Conc: 349.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



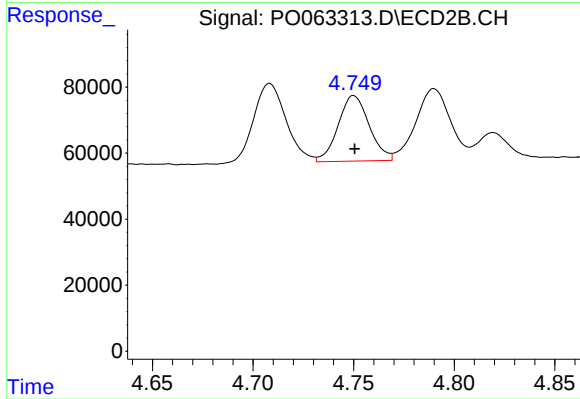
#21 AR-1248-1

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 338039
Conc: 309.28 ng/ml



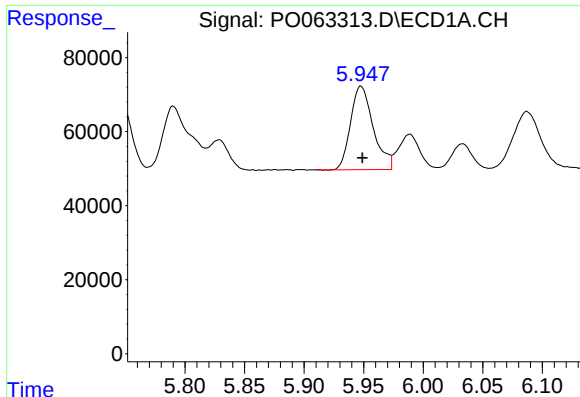
#22 AR-1248-2

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 268199
Conc: 154.83 ng/ml



#22 AR-1248-2

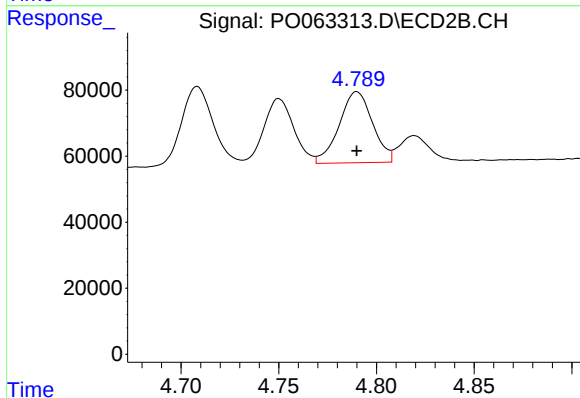
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 213736
Conc: 152.84 ng/ml



#23 AR-1248-3

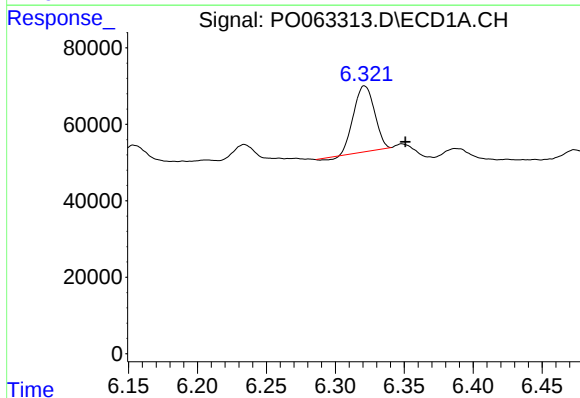
R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 298998
Conc: 154.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



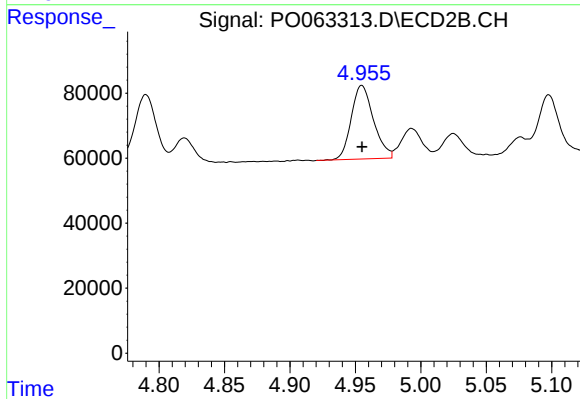
#23 AR-1248-3

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 256998
Conc: 177.71 ng/ml



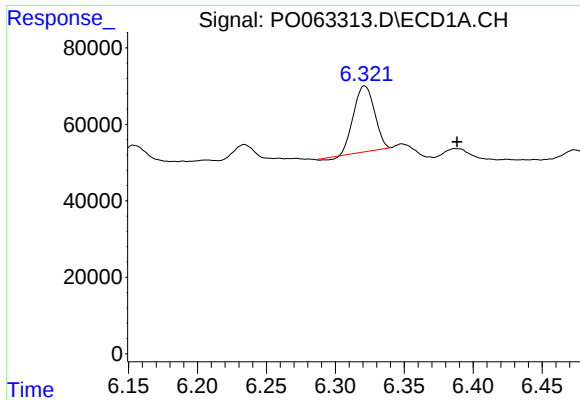
#24 AR-1248-4

R.T.: 6.321 min
Delta R.T.: -0.030 min
Response: 180098
Conc: 72.36 ng/ml



#24 AR-1248-4

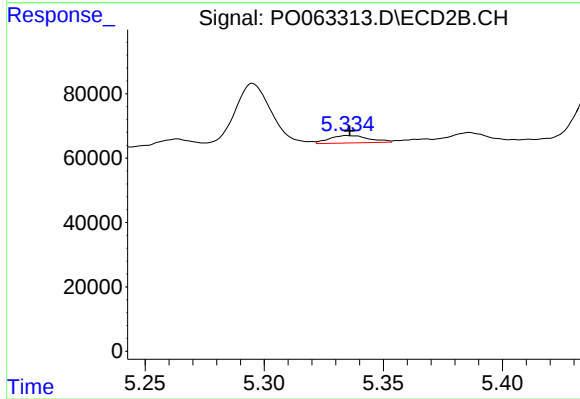
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 268800
Conc: 149.28 ng/ml



#25 AR-1248-5

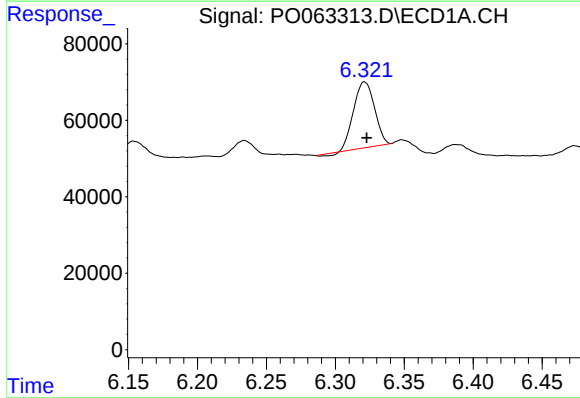
R.T.: 6.321 min
Delta R.T.: -0.067 min
Response: 180098
Conc: 77.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



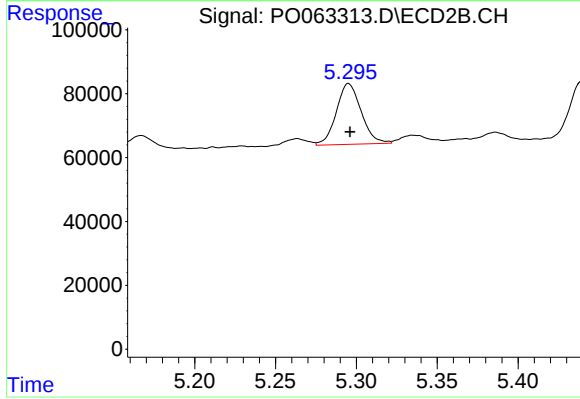
#25 AR-1248-5

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 26711
Conc: 14.45 ng/ml



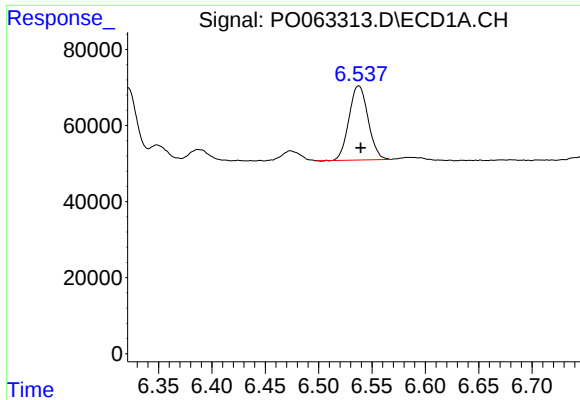
#26 AR-1254-1

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 180098
Conc: 70.84 ng/ml



#26 AR-1254-1

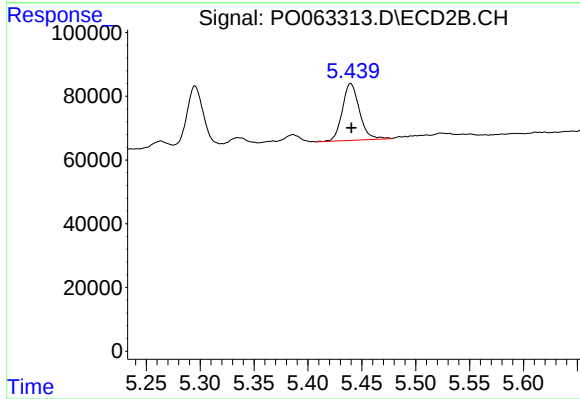
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 203362
Conc: 67.51 ng/ml



#27 AR-1254-2

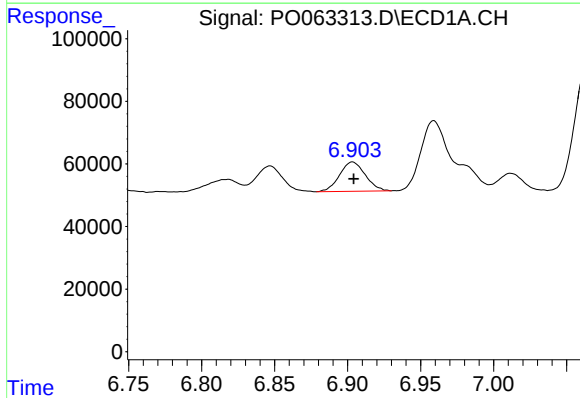
R.T.: 6.538 min
Delta R.T.: -0.002 min
Response: 243456
Conc: 60.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



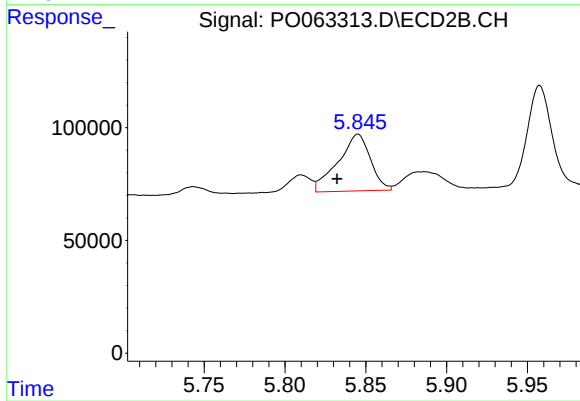
#27 AR-1254-2

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 197579
Conc: 73.26 ng/ml



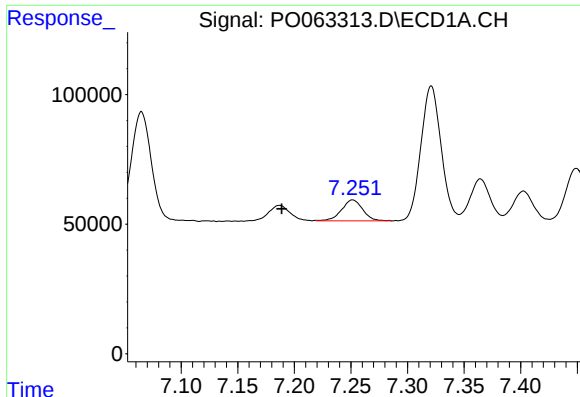
#28 AR-1254-3

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 114894
Conc: 26.99 ng/ml



#28 AR-1254-3

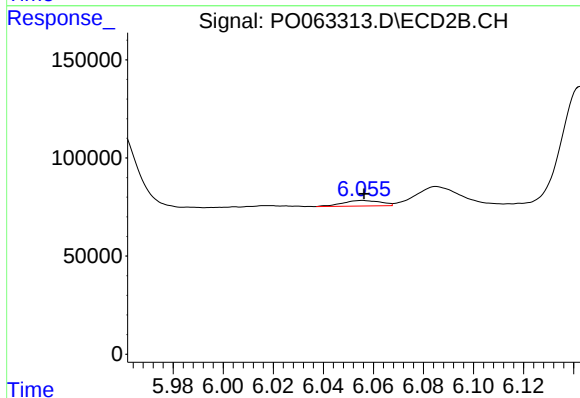
R.T.: 5.845 min
Delta R.T.: 0.013 min
Response: 351541
Conc: 81.88 ng/ml



#29 AR-1254-4

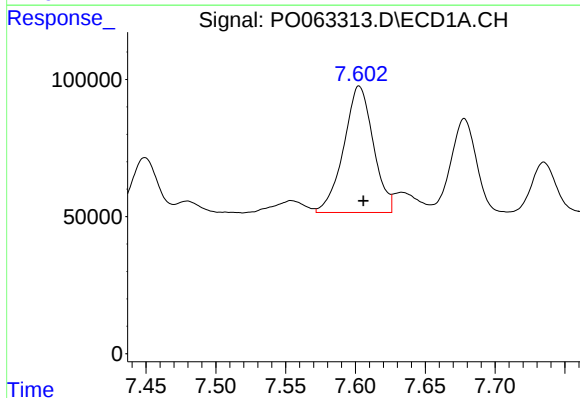
R.T.: 7.252 min
Delta R.T.: 0.063 min
Response: 104464
Conc: 30.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



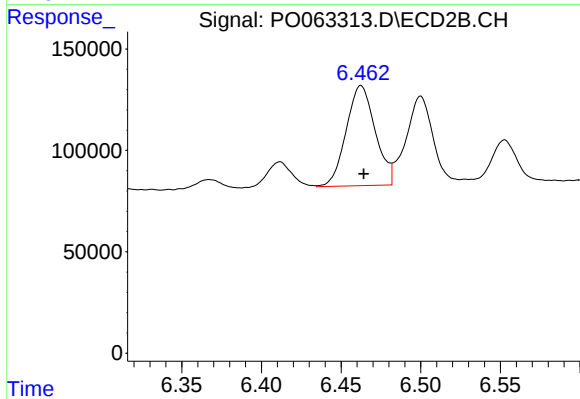
#29 AR-1254-4

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 29727
Conc: 10.43 ng/ml



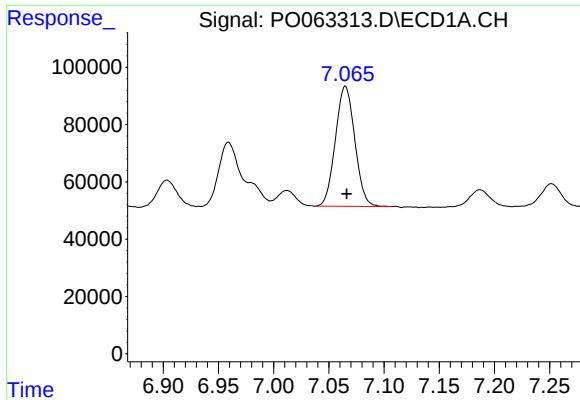
#30 AR-1254-5

R.T.: 7.603 min
Delta R.T.: -0.003 min
Response: 679375
Conc: 204.82 ng/ml



#30 AR-1254-5

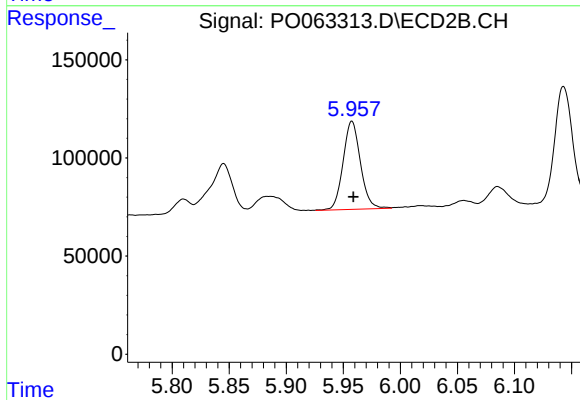
R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 625301
Conc: 167.75 ng/ml



#31 AR-1260-1

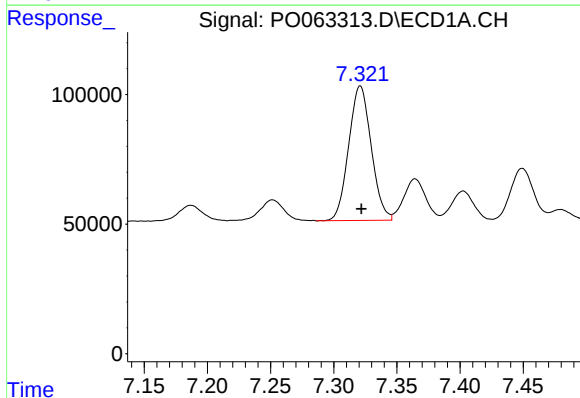
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 513383
Conc: 165.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



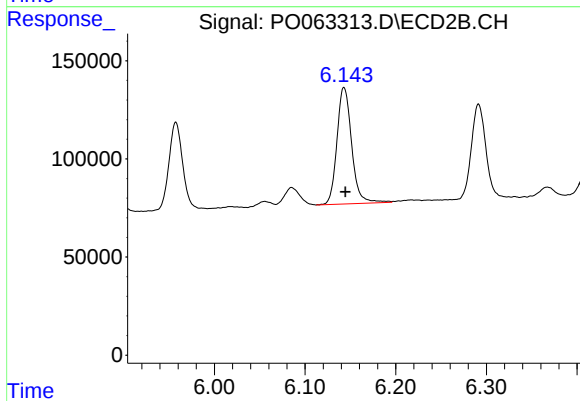
#31 AR-1260-1

R.T.: 5.958 min
Delta R.T.: -0.001 min
Response: 474972
Conc: 171.98 ng/ml



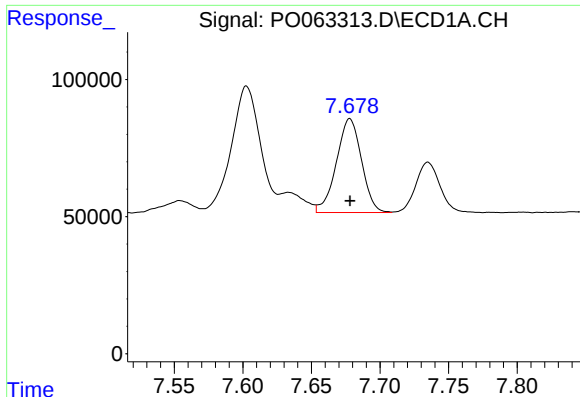
#32 AR-1260-2

R.T.: 7.321 min
Delta R.T.: -0.001 min
Response: 644434
Conc: 159.63 ng/ml



#32 AR-1260-2

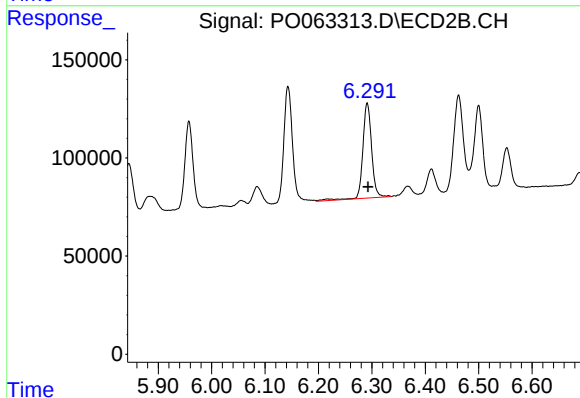
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 669222
Conc: 174.42 ng/ml



#33 AR-1260-3

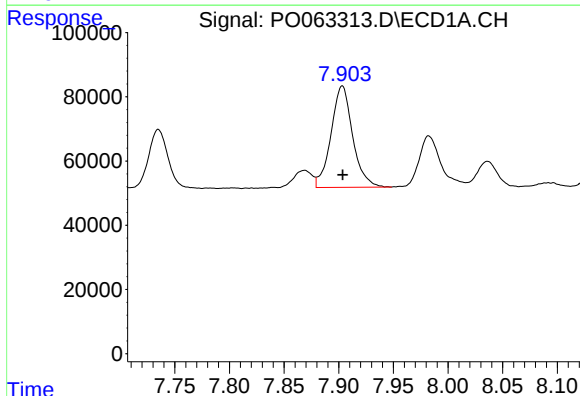
R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 436935
Conc: 136.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



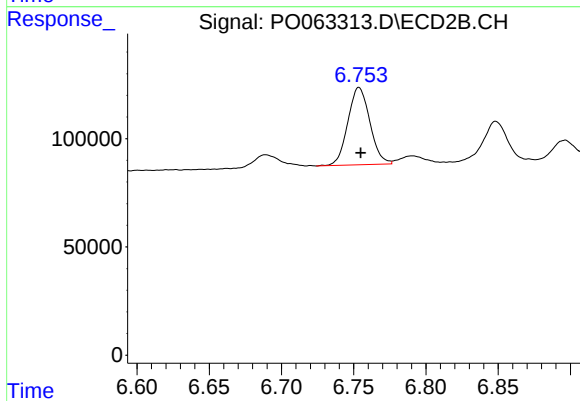
#33 AR-1260-3

R.T.: 6.291 min
Delta R.T.: -0.001 min
Response: 554970
Conc: 176.88 ng/ml



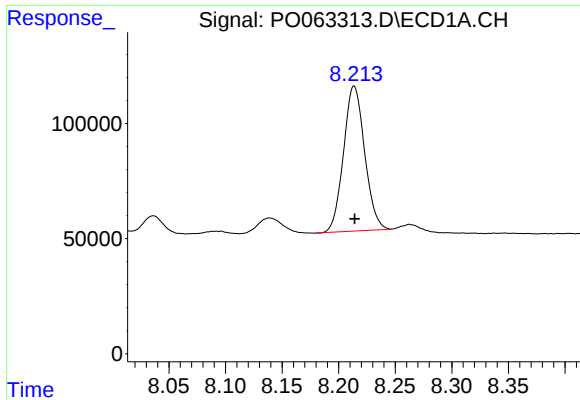
#34 AR-1260-4

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 436054
Conc: 136.59 ng/ml



#34 AR-1260-4

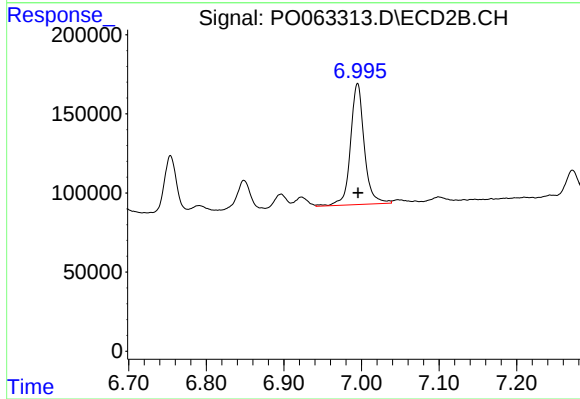
R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 379003
Conc: 149.69 ng/ml



#35 AR-1260-5

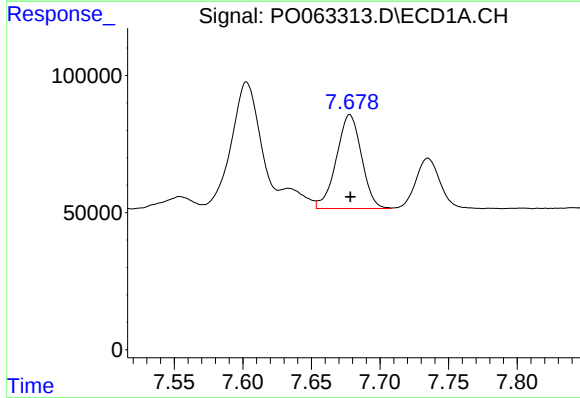
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 817555
Conc: 139.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



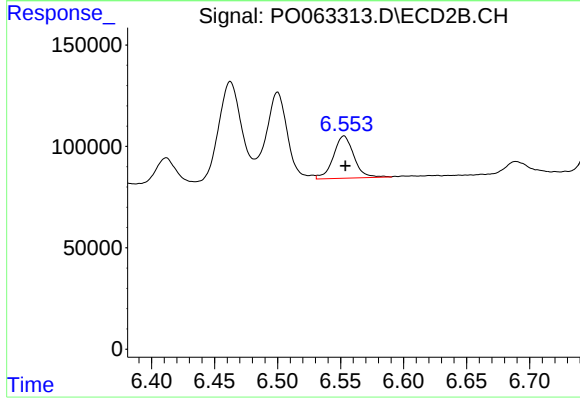
#35 AR-1260-5

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 942959
Conc: 154.70 ng/ml



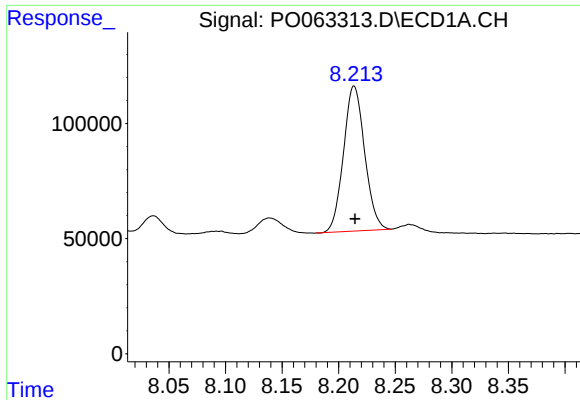
#36 AR-1262-1

R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 436935
Conc: 91.53 ng/ml



#36 AR-1262-1

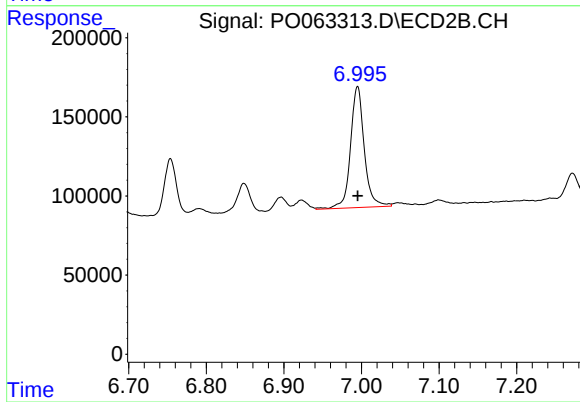
R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 236752
Conc: 130.11 ng/ml



#37 AR-1262-2

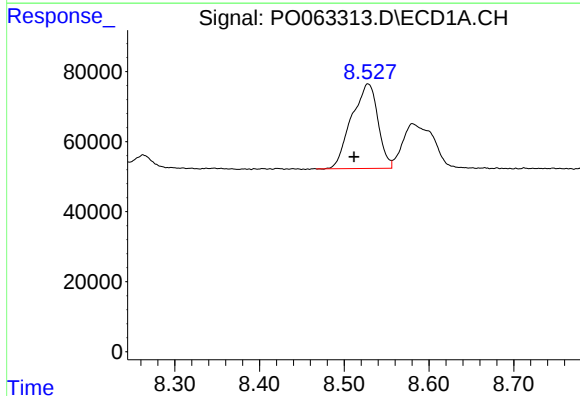
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 817555
Conc: 117.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



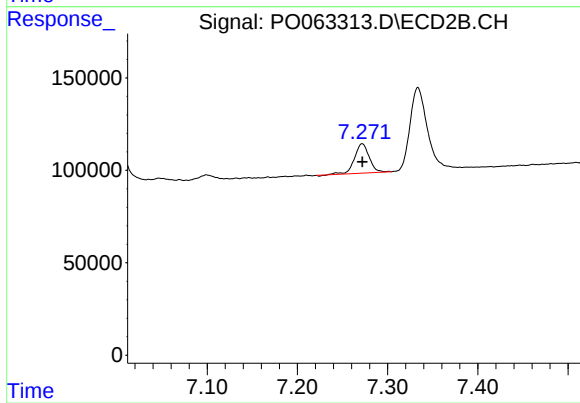
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 942959
Conc: 132.31 ng/ml



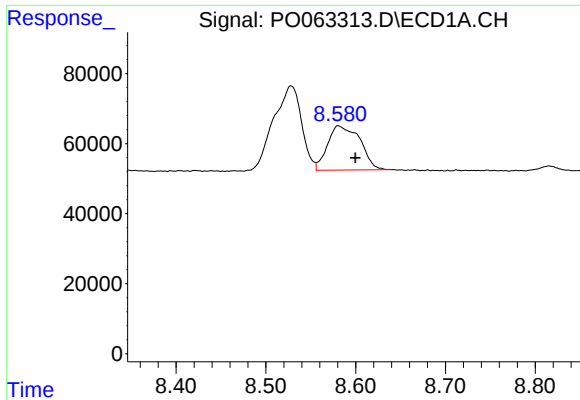
#38 AR-1262-3

R.T.: 8.528 min
Delta R.T.: 0.017 min
Response: 522787
Conc: 113.11 ng/ml



#38 AR-1262-3

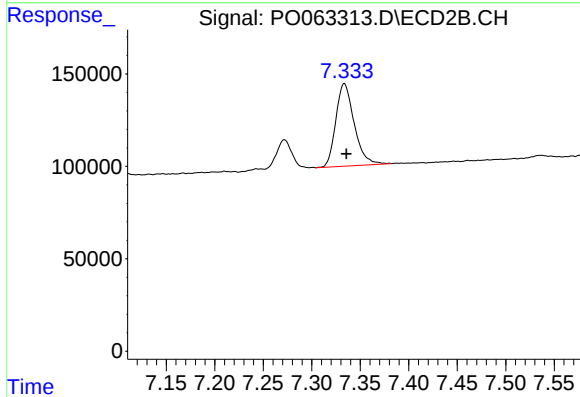
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 180645
Conc: 67.40 ng/ml



#39 AR-1262-4

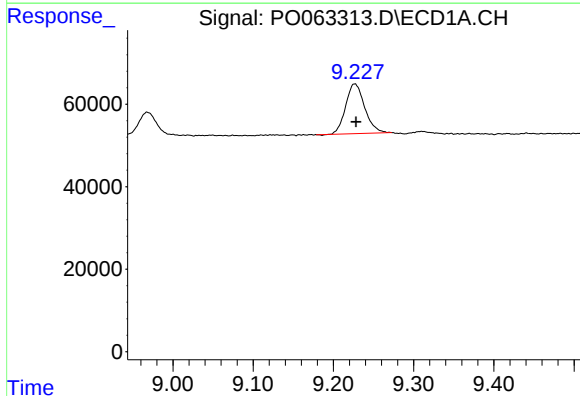
R.T.: 8.581 min
Delta R.T.: -0.019 min
Response: 317281
Conc: 88.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



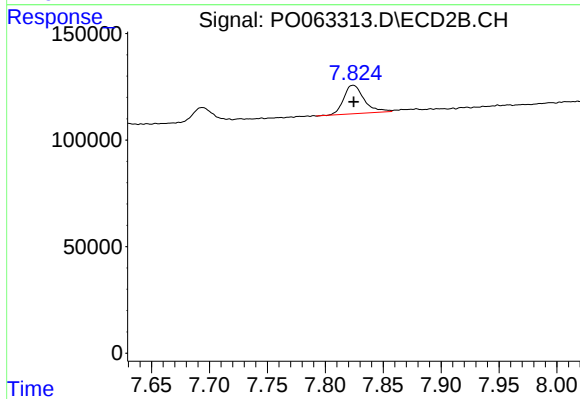
#39 AR-1262-4

R.T.: 7.334 min
Delta R.T.: -0.002 min
Response: 587880
Conc: 128.19 ng/ml



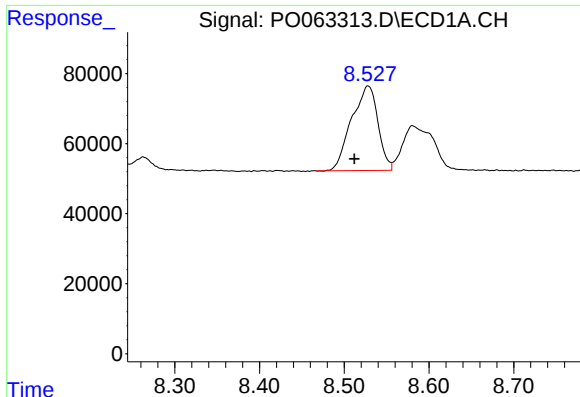
#40 AR-1262-5

R.T.: 9.227 min
Delta R.T.: -0.002 min
Response: 199047
Conc: 86.97 ng/ml



#40 AR-1262-5

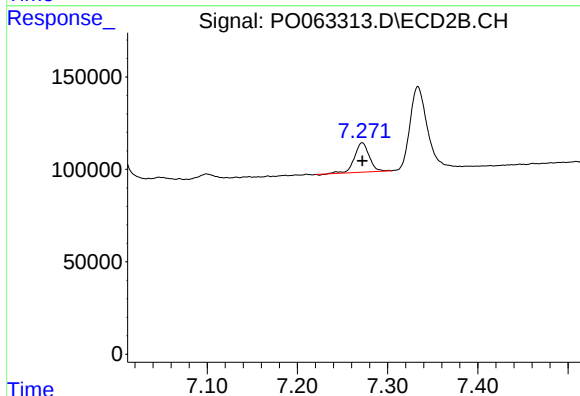
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 164262
Conc: 83.71 ng/ml



#41 AR-1268-1

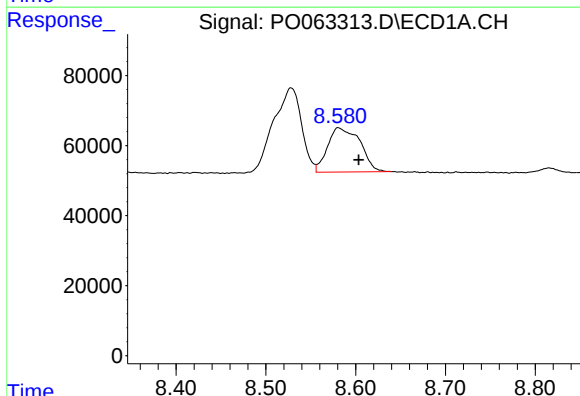
R.T.: 8.528 min
Delta R.T.: 0.016 min
Response: 522787
Conc: 62.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



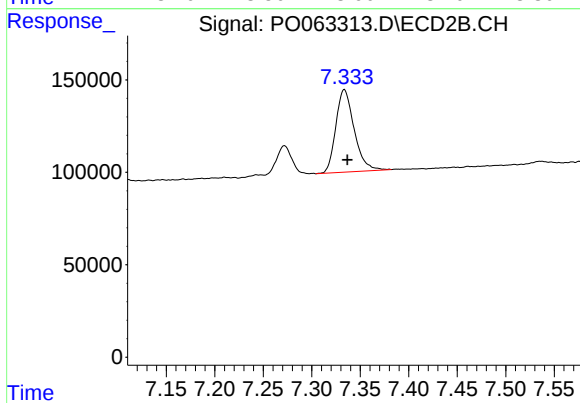
#41 AR-1268-1

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 180645
Conc: 22.67 ng/ml



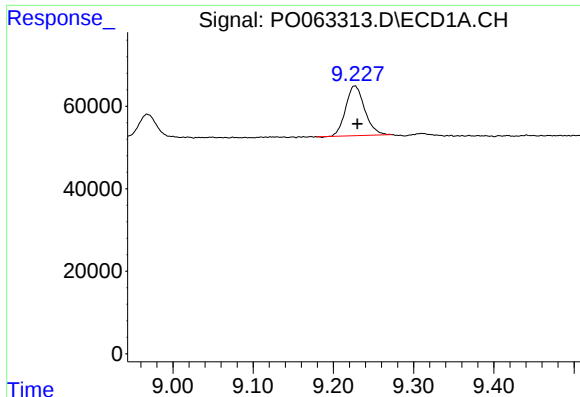
#42 AR-1268-2

R.T.: 8.581 min
Delta R.T.: -0.023 min
Response: 317281
Conc: 43.30 ng/ml



#42 AR-1268-2

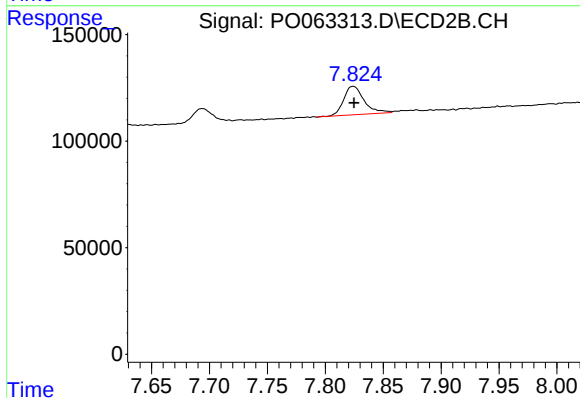
R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 587880
Conc: 89.28 ng/ml



#44 AR-1268-4

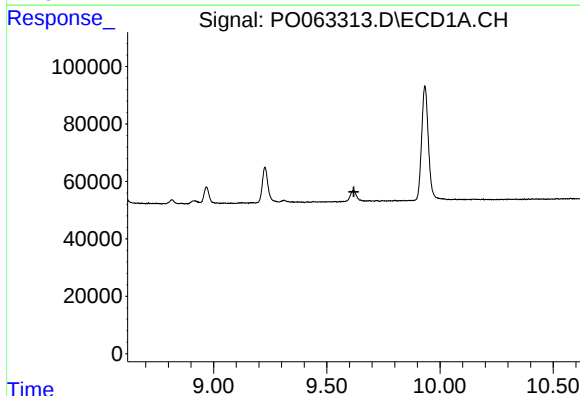
R.T.: 9.227 min
Delta R.T.: -0.003 min
Response: 199047
Conc: 80.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
Z3-23BMSD



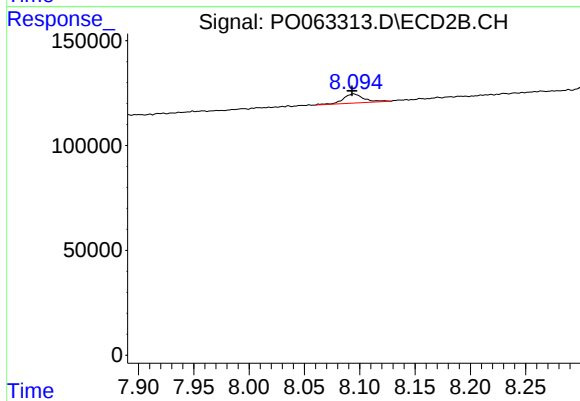
#44 AR-1268-4

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 164262
Conc: 76.11 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.620 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.094 min
Delta R.T.: 0.001 min
Response: 56751
Conc: 3.79 ng/ml