

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091819\
 Data File : P0061069.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2019 12:20
 Operator : SM/AJ
 Sample : K4873-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 COMP-28

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 00:57:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.369	3.530	989394	763487	26.892	27.343
2)	SA Decachlor...	10.029	8.407	788322	583398	17.158	16.644
Target Compounds							
3)	L1 AR-1016-1	5.531	4.583	172332	144833	107.833	117.156
4)	L1 AR-1016-2	5.553	4.602	289023	288060	126.246	169.315 #
5)	L1 AR-1016-3	5.616	4.771	126734	155472	88.280	160.368 #
6)	L1 AR-1016-4	5.712	4.814	152087	141437	128.934	172.795 #
7)	L1 AR-1016-5	6.007	5.020	87740	137640	69.993	131.416 #
8)	L2 AR-1221-1	0.000	3.734	0	10279	N.D.	29.038 #
9)	L2 AR-1221-2	4.667	3.821	23144	25967	67.760	92.395 #
10)	L2 AR-1221-3	4.754	3.894	157359	56405	148.563	67.952 #
11)	L3 AR-1232-1	4.754	3.894	157359	56405	134.867	61.892 #
12)	L3 AR-1232-2	5.264	4.602	153982	288060	237.483	285.302
13)	L3 AR-1232-3	5.553	4.771	289023	155472	215.793	277.035 #
14)	L3 AR-1232-4	5.712	4.854	152087	144772	221.333	277.224 #
15)	L3 AR-1232-5	5.803	5.020	164764	137640	300.888	243.210
16)	L4 AR-1242-1	5.531	4.583	172332	144833	144.402	159.090
17)	L4 AR-1242-2	5.553	4.602	289023	288060	169.108	230.106 #
18)	L4 AR-1242-3	5.616	4.771	126734	155472	117.034	217.579 #
19)	L4 AR-1242-4	5.712	4.854	152087	144772	172.278	198.797
20)	L4 AR-1242-5	6.447	5.364	258345	351289	230.525	354.872 #
21)	L5 AR-1248-1	5.531	4.583	172332	144833	187.196	204.198
22)	L5 AR-1248-2	5.803	4.814	164764	141437	123.211	146.385
23)	L5 AR-1248-3	6.007	4.854	87740	144772	57.974	143.748 #
24)	L5 AR-1248-4	6.406	5.020	240269	137640	131.880	114.612
25)	L5 AR-1248-5	6.447	5.402	258345	141227	147.661	111.717
26)	L6 AR-1254-1	6.383	5.364	333178	351289	172.931	170.451
27)	L6 AR-1254-2	6.601	5.507	508301	186846	161.523	99.016 #
28)	L6 AR-1254-3	6.966	5.902	378856	360775	107.569	113.469
29)	L6 AR-1254-4	7.249	6.126	202048	151120	74.638	72.585
30)	L6 AR-1254-5	7.666	6.537	388418	444707	131.720	140.512
31)	L7 AR-1260-1	7.126	6.029	233392	229643	95.864	109.177
32)	L7 AR-1260-2	7.379	6.215	465849	230996	154.084	89.551 #
33)	L7 AR-1260-3	7.740	6.364	140711	190185	58.963	78.978 #
34)	L7 AR-1260-4	7.962	6.829	224553	106614	80.264	49.814 #
35)	L7 AR-1260-5	8.279	7.068	267060	305441	49.044	63.206 #
36)	L8 AR-1262-1	7.740	6.574	140711	117934	39.836	39.484
37)	L8 AR-1262-2	8.279	7.068	267060	305441	42.836	58.745 #
38)	L8 AR-1262-3	8.597	7.348	175242	67892	41.128	31.988
39)	L8 AR-1262-4	8.669	7.410	59984	193667	18.398	50.705 #
40)	L8 AR-1262-5	9.306	7.899	70824	71959	34.831	42.992
41)	L9 AR-1268-1	8.597	7.348	175242	67892	23.744	11.582 #
42)	L9 AR-1268-2	8.669	7.410	59984	193667	8.880	36.335 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091819\
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 Acq On : 18 Sep 2019 12:20
 Operator : SM/AJ
 Sample : K4873-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

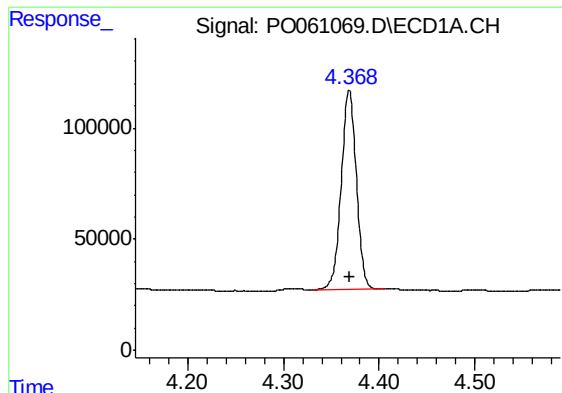
Instrument :
 ECD_O
 ClientSampleId :
 COMP-28

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 00:57:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	0.000	7.614	0	27707	N.D.	6.251 #
44) L9	AR-1268-4	9.306	7.899	70824	71959	30.703	37.658
45) L9	AR-1268-5	9.706	8.172	60210	83317	3.796	6.924 #

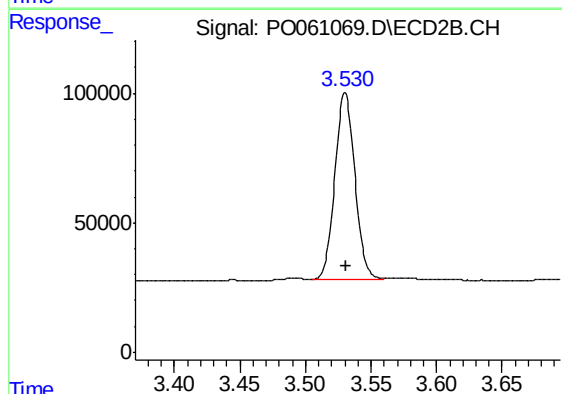
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

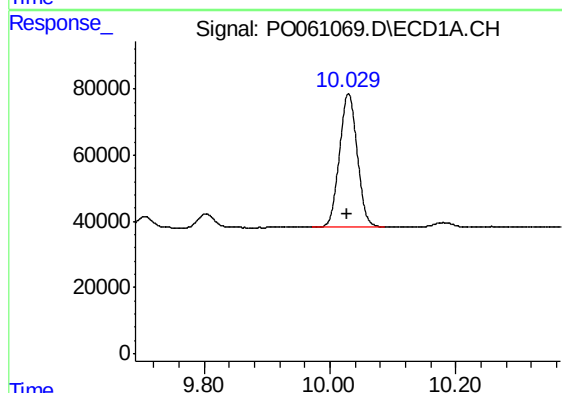
R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 989394
Conc: 26.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



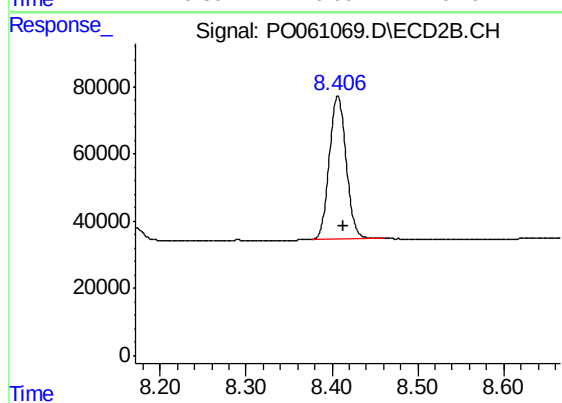
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.001 min
Response: 763487
Conc: 27.34 ng/ml



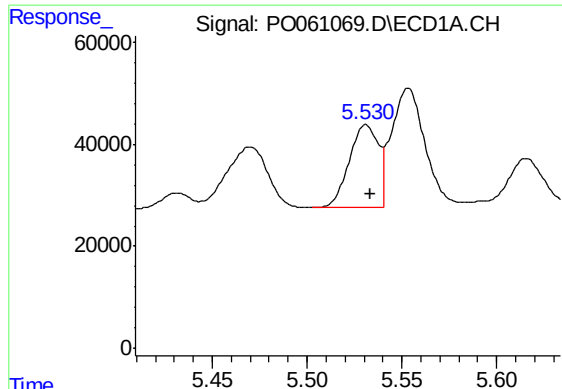
#2 Decachlorobiphenyl

R.T.: 10.029 min
Delta R.T.: 0.002 min
Response: 788322
Conc: 17.16 ng/ml



#2 Decachlorobiphenyl

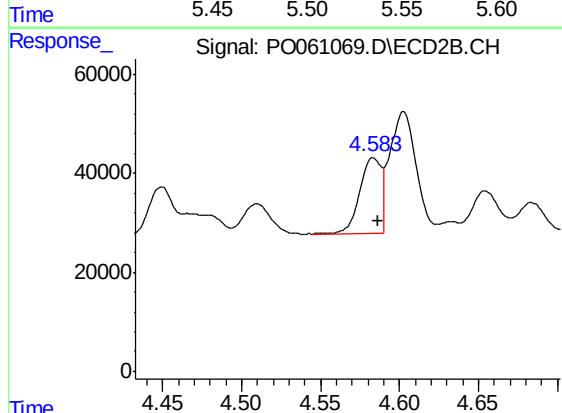
R.T.: 8.407 min
Delta R.T.: -0.006 min
Response: 583398
Conc: 16.64 ng/ml



#3 AR-1016-1

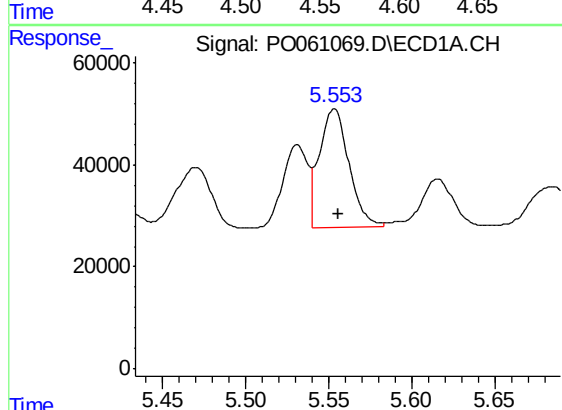
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 172332
Conc: 107.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



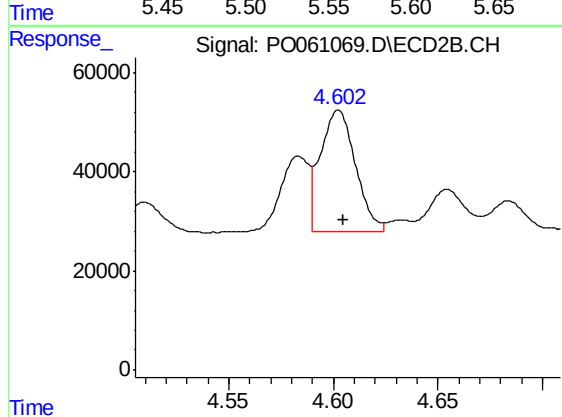
#3 AR-1016-1

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 144833
Conc: 117.16 ng/ml



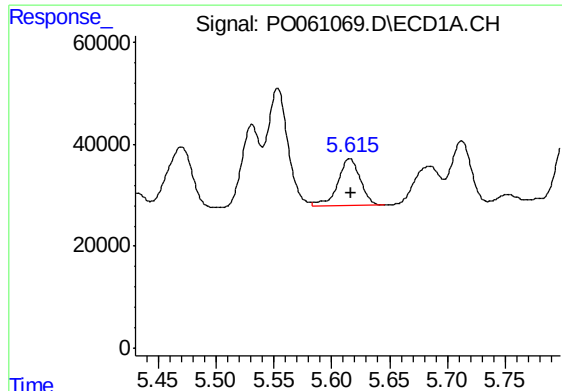
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 289023
Conc: 126.25 ng/ml



#4 AR-1016-2

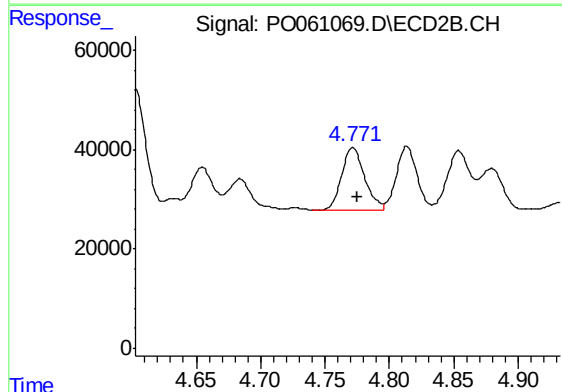
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 288060
Conc: 169.31 ng/ml



#5 AR-1016-3

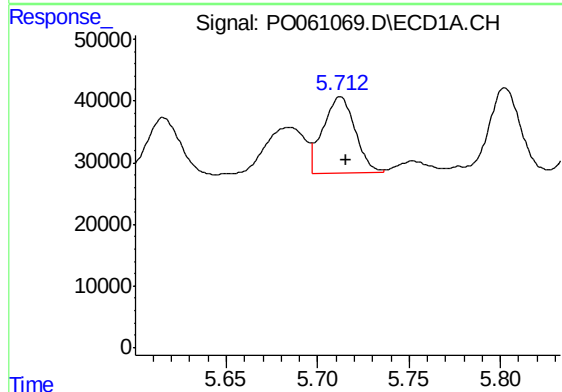
R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 126734
Conc: 88.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



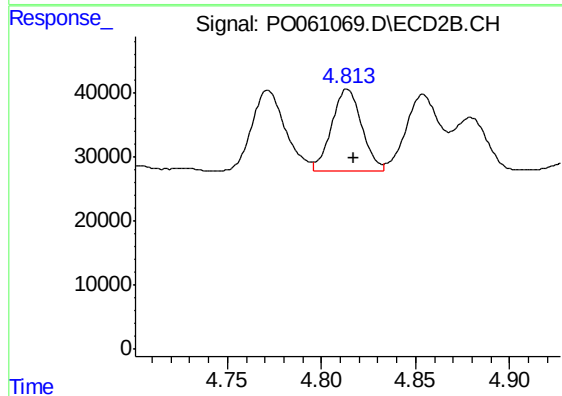
#5 AR-1016-3

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 155472
Conc: 160.37 ng/ml



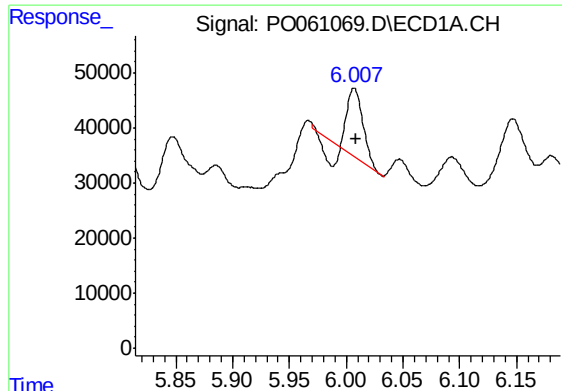
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 152087
Conc: 128.93 ng/ml



#6 AR-1016-4

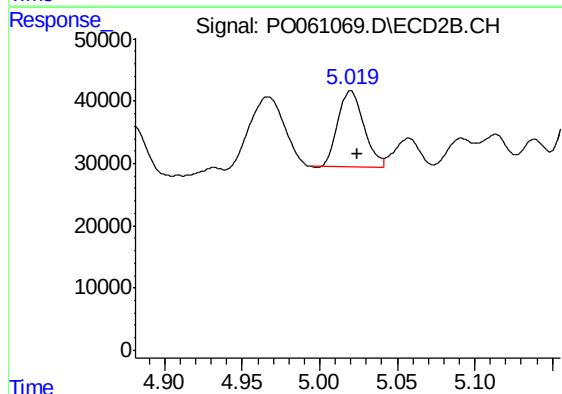
R.T.: 4.814 min
Delta R.T.: -0.004 min
Response: 141437
Conc: 172.79 ng/ml



#7 AR-1016-5

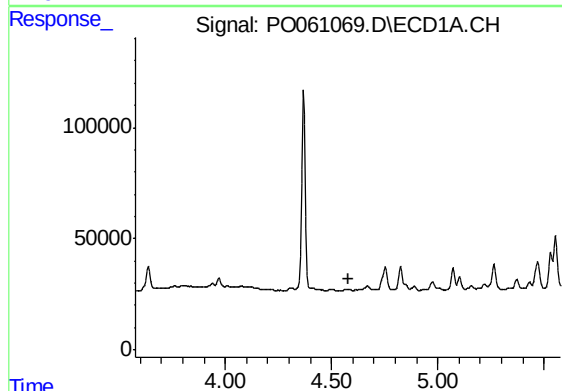
R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 87740
Conc: 69.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



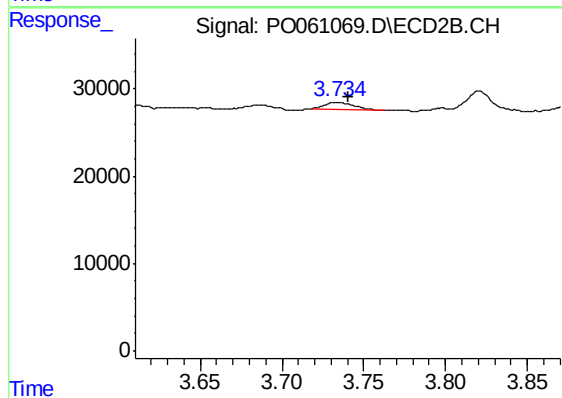
#7 AR-1016-5

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 137640
Conc: 131.42 ng/ml



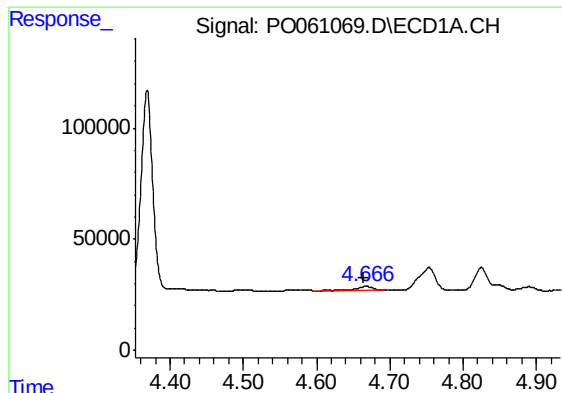
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



#8 AR-1221-1

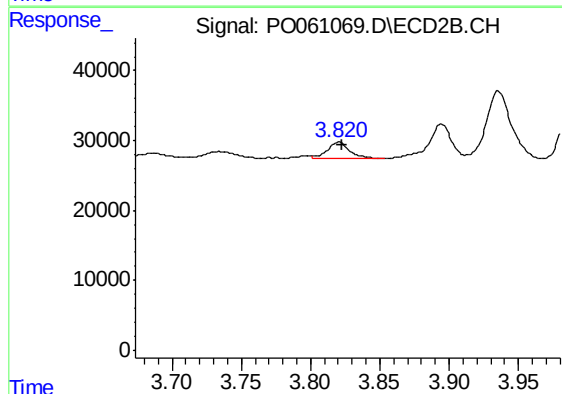
R.T.: 3.734 min
Delta R.T.: -0.006 min
Response: 10279
Conc: 29.04 ng/ml



#9 AR-1221-2

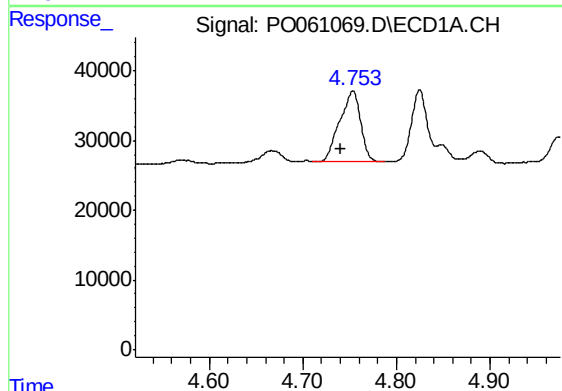
R.T.: 4.667 min
Delta R.T.: 0.003 min
Response: 23144
Conc: 67.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



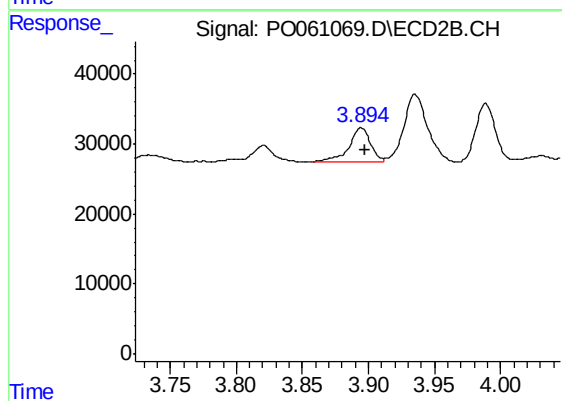
#9 AR-1221-2

R.T.: 3.821 min
Delta R.T.: -0.002 min
Response: 25967
Conc: 92.40 ng/ml



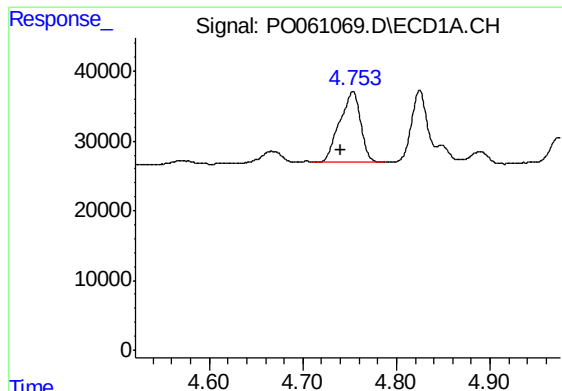
#10 AR-1221-3

R.T.: 4.754 min
Delta R.T.: 0.013 min
Response: 157359
Conc: 148.56 ng/ml



#10 AR-1221-3

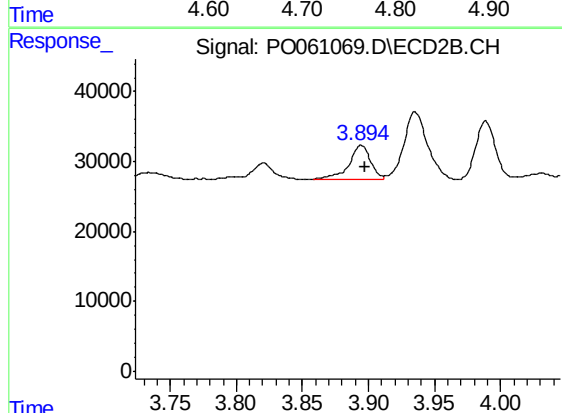
R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 56405
Conc: 67.95 ng/ml



#11 AR-1232-1

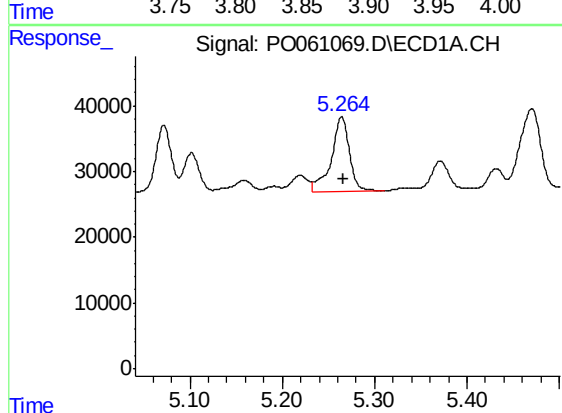
R.T.: 4.754 min
Delta R.T.: 0.013 min
Response: 157359
Conc: 134.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



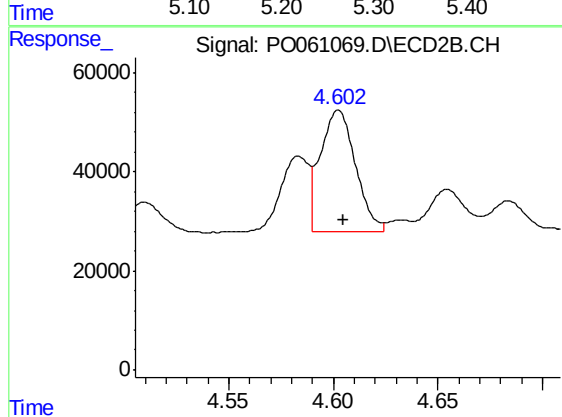
#11 AR-1232-1

R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 56405
Conc: 61.89 ng/ml



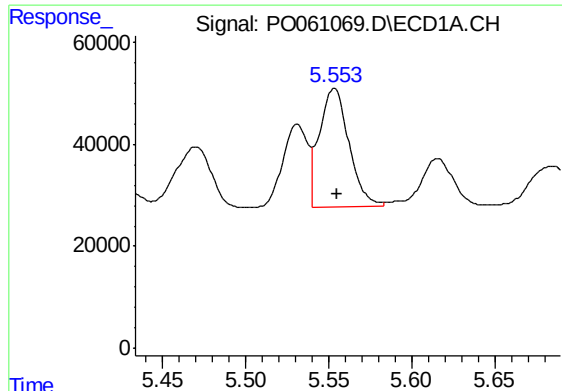
#12 AR-1232-2

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 153982
Conc: 237.48 ng/ml



#12 AR-1232-2

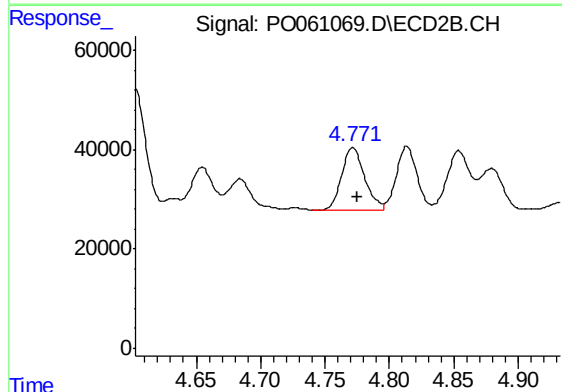
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 288060
Conc: 285.30 ng/ml



#13 AR-1232-3

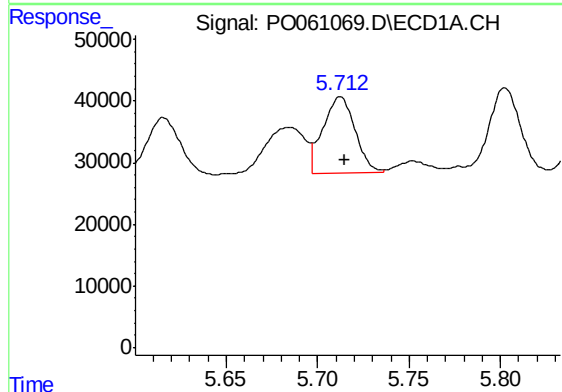
R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 289023
Conc: 215.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



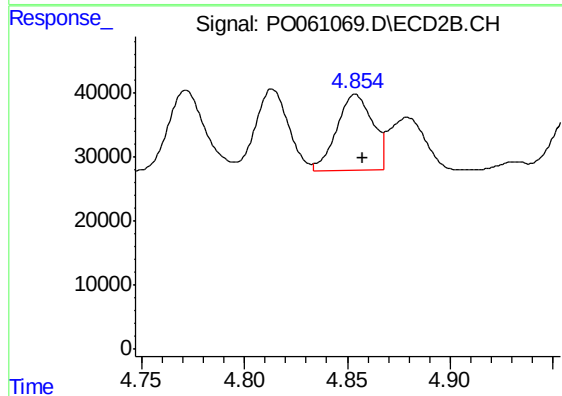
#13 AR-1232-3

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 155472
Conc: 277.03 ng/ml



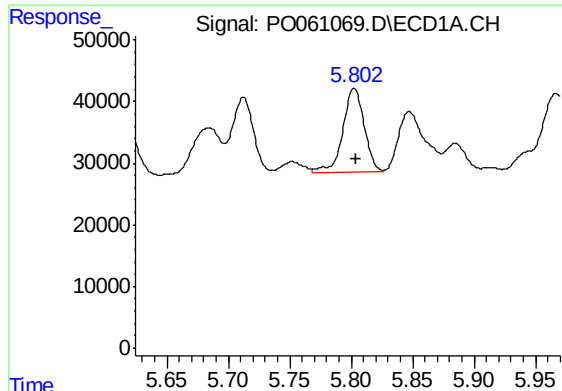
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 152087
Conc: 221.33 ng/ml



#14 AR-1232-4

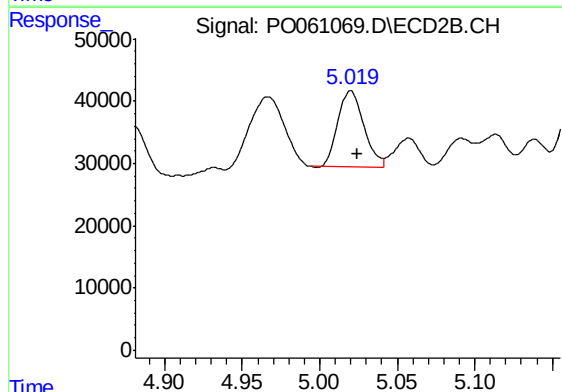
R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 144772
Conc: 277.22 ng/ml



#15 AR-1232-5

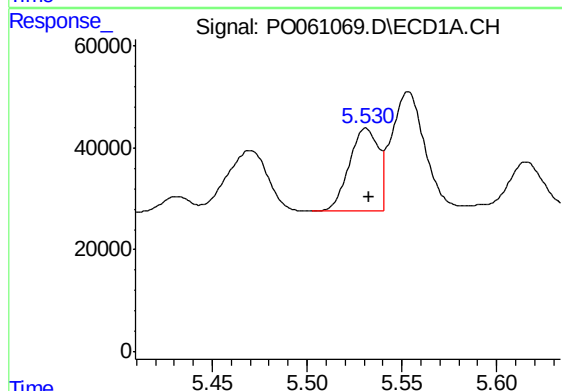
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 164764
Conc: 300.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



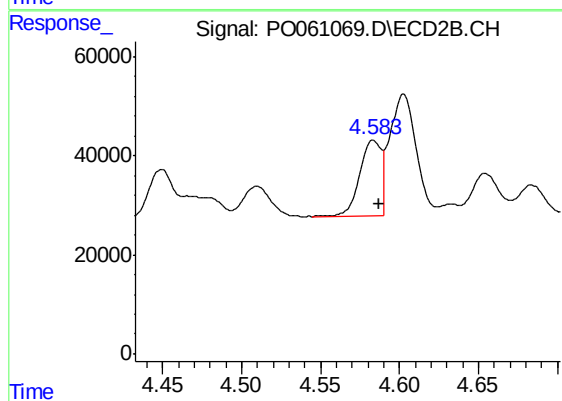
#15 AR-1232-5

R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 137640
Conc: 243.21 ng/ml



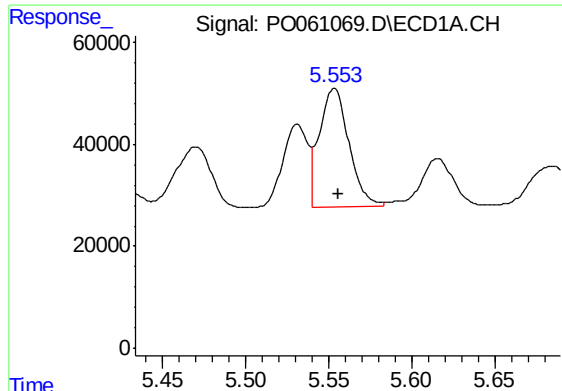
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 172332
Conc: 144.40 ng/ml



#16 AR-1242-1

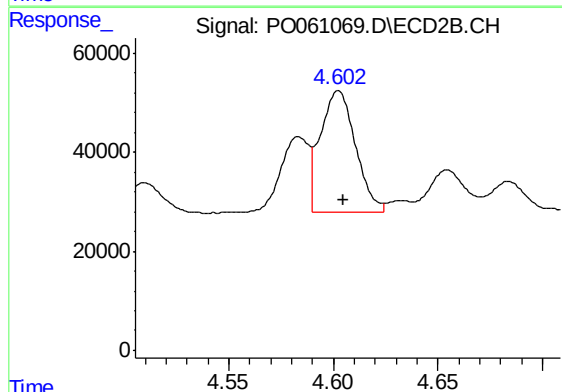
R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 144833
Conc: 159.09 ng/ml



#17 AR-1242-2

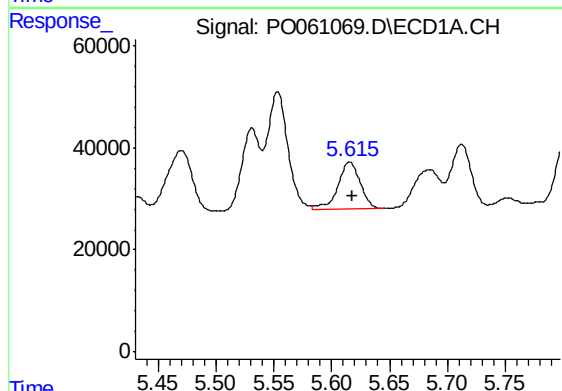
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 289023
Conc: 169.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



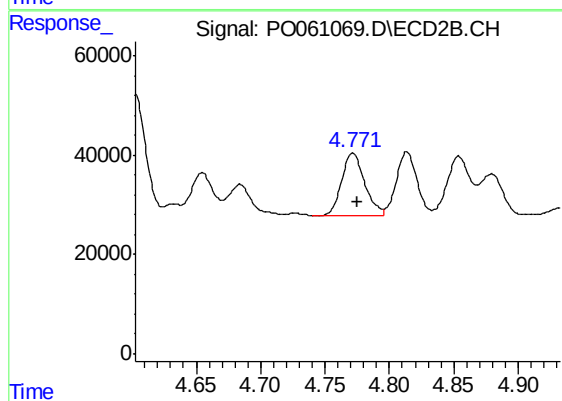
#17 AR-1242-2

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 288060
Conc: 230.11 ng/ml



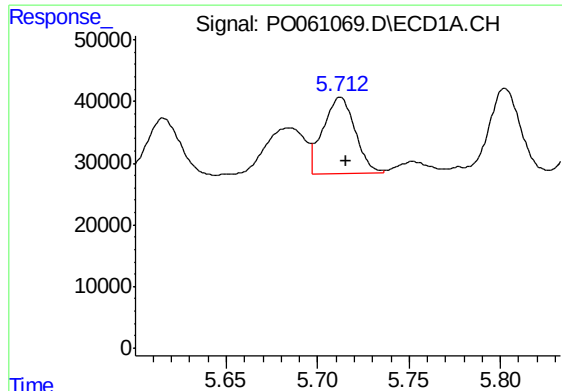
#18 AR-1242-3

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 126734
Conc: 117.03 ng/ml



#18 AR-1242-3

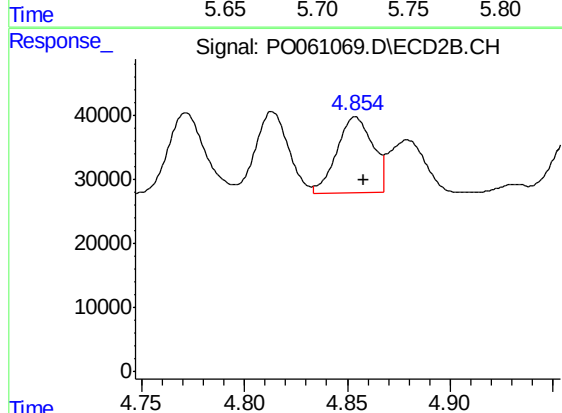
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 155472
Conc: 217.58 ng/ml



#19 AR-1242-4

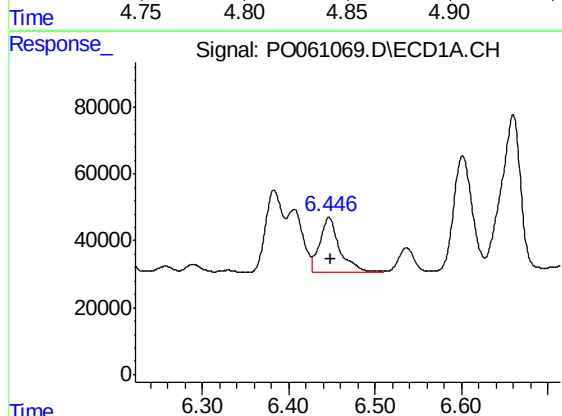
R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 152087
Conc: 172.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



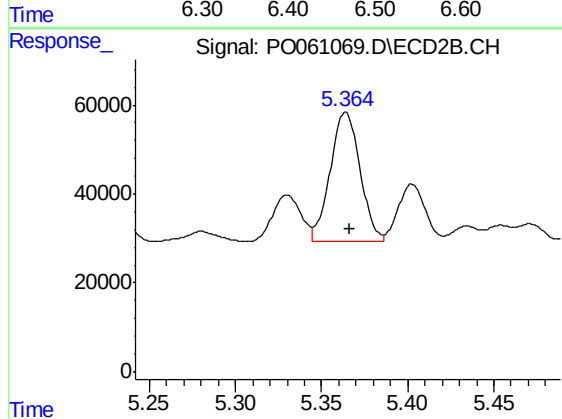
#19 AR-1242-4

R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 144772
Conc: 198.80 ng/ml



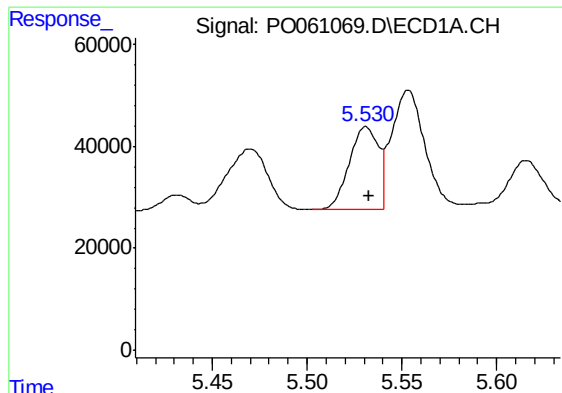
#20 AR-1242-5

R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 258345
Conc: 230.52 ng/ml



#20 AR-1242-5

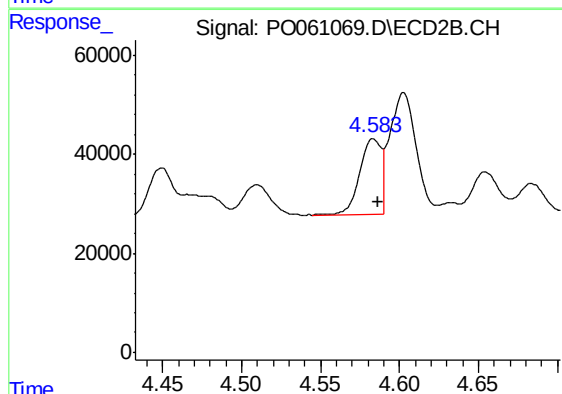
R.T.: 5.364 min
Delta R.T.: -0.003 min
Response: 351289
Conc: 354.87 ng/ml



#21 AR-1248-1

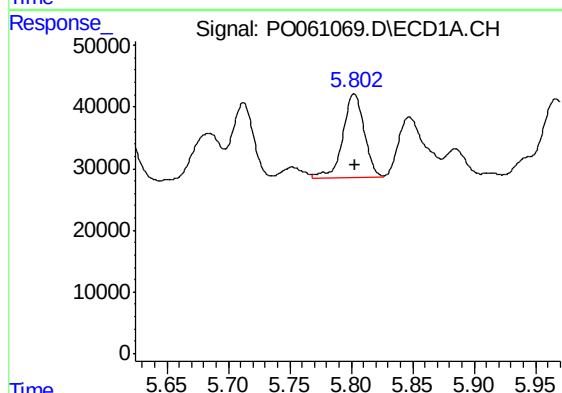
R.T.: 5.531 min
Delta R.T.: -0.001 min
Response: 172332
Conc: 187.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



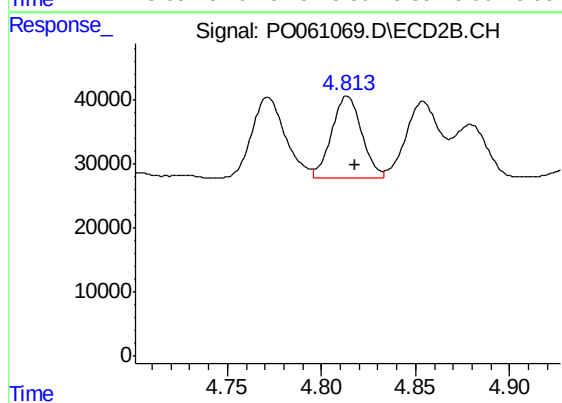
#21 AR-1248-1

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 144833
Conc: 204.20 ng/ml



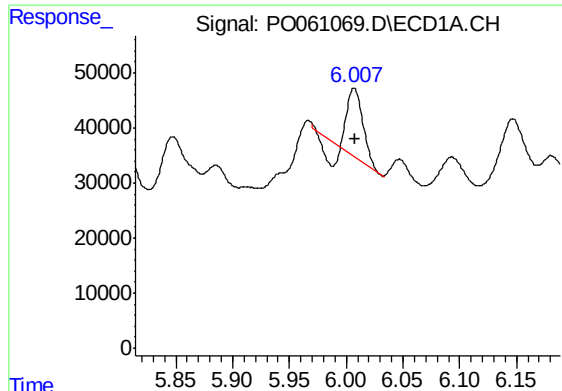
#22 AR-1248-2

R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 164764
Conc: 123.21 ng/ml



#22 AR-1248-2

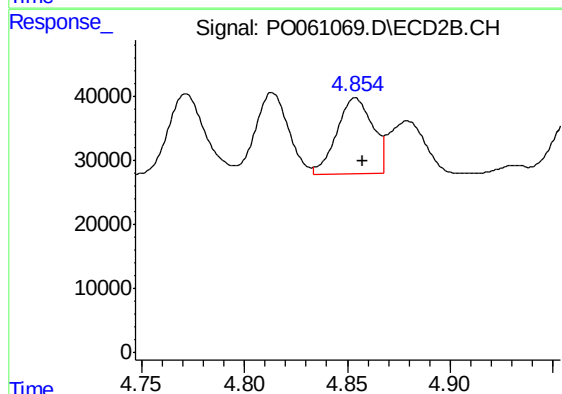
R.T.: 4.814 min
Delta R.T.: -0.004 min
Response: 141437
Conc: 146.38 ng/ml



#23 AR-1248-3

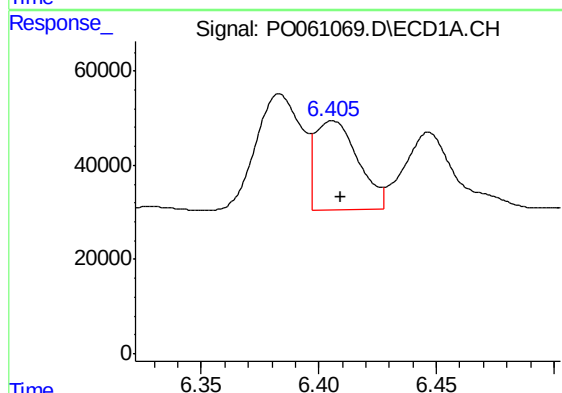
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 87740
Conc: 57.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



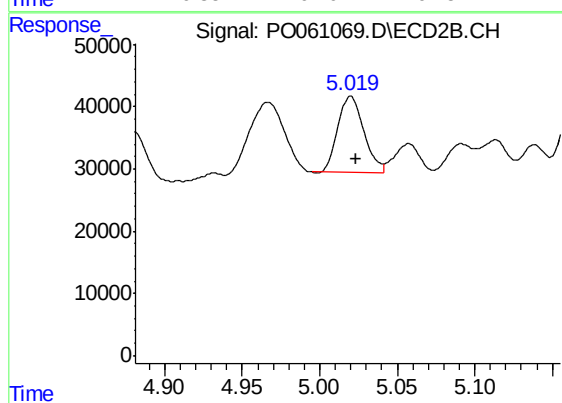
#23 AR-1248-3

R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 144772
Conc: 143.75 ng/ml



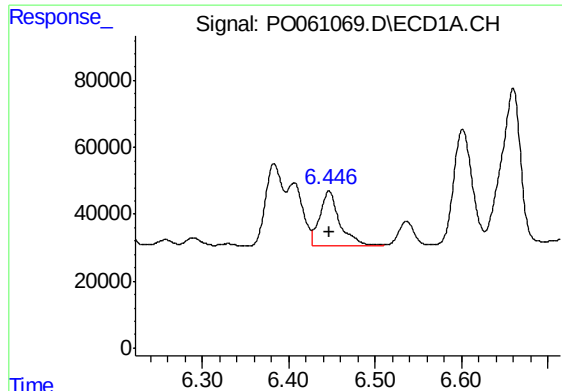
#24 AR-1248-4

R.T.: 6.406 min
Delta R.T.: -0.003 min
Response: 240269
Conc: 131.88 ng/ml



#24 AR-1248-4

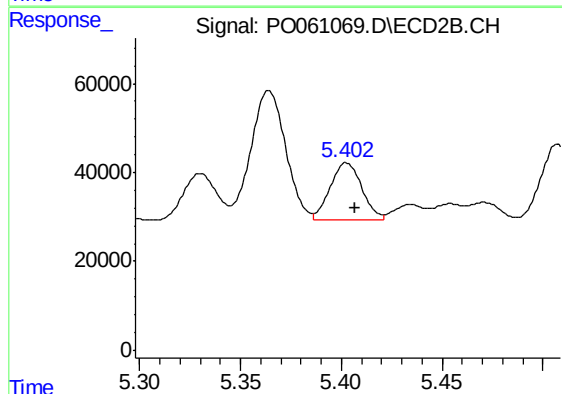
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 137640
Conc: 114.61 ng/ml



#25 AR-1248-5

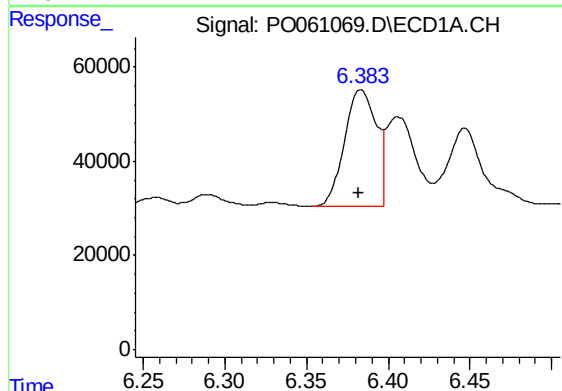
R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 258345
Conc: 147.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



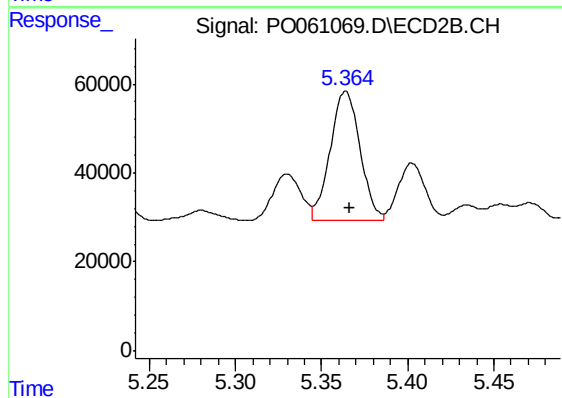
#25 AR-1248-5

R.T.: 5.402 min
Delta R.T.: -0.004 min
Response: 141227
Conc: 111.72 ng/ml



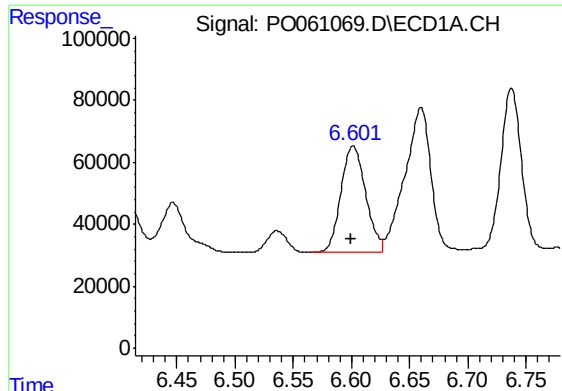
#26 AR-1254-1

R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 333178
Conc: 172.93 ng/ml



#26 AR-1254-1

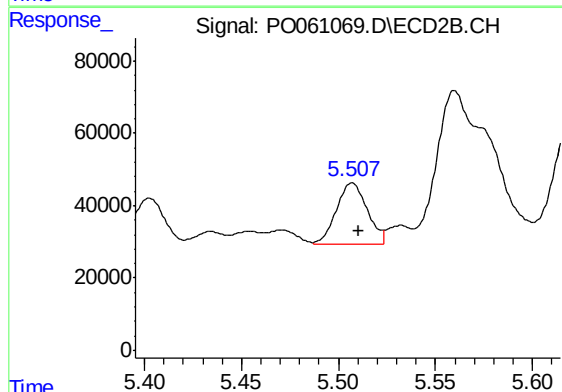
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 351289
Conc: 170.45 ng/ml



#27 AR-1254-2

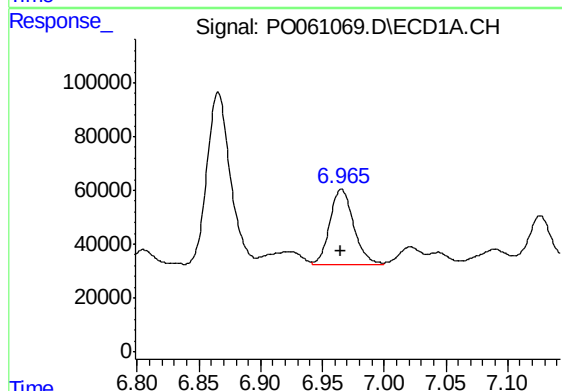
R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 508301
Conc: 161.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



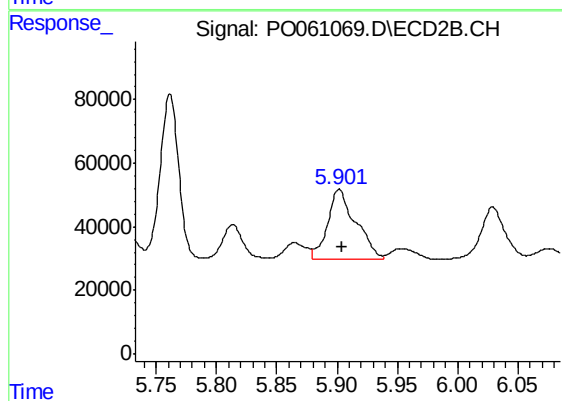
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 186846
Conc: 99.02 ng/ml



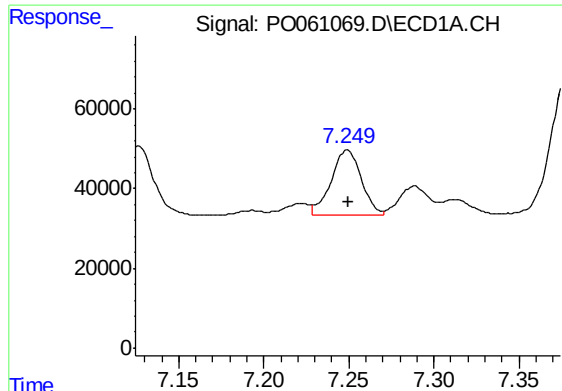
#28 AR-1254-3

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 378856
Conc: 107.57 ng/ml



#28 AR-1254-3

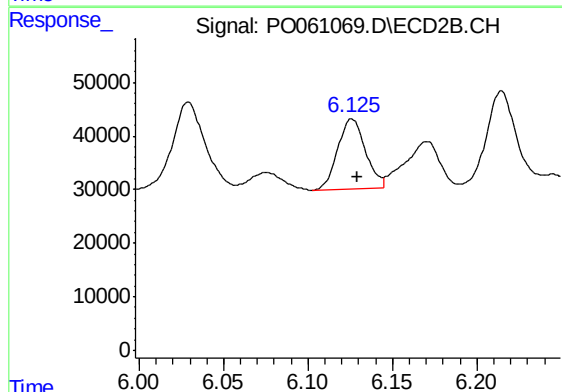
R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 360775
Conc: 113.47 ng/ml



#29 AR-1254-4

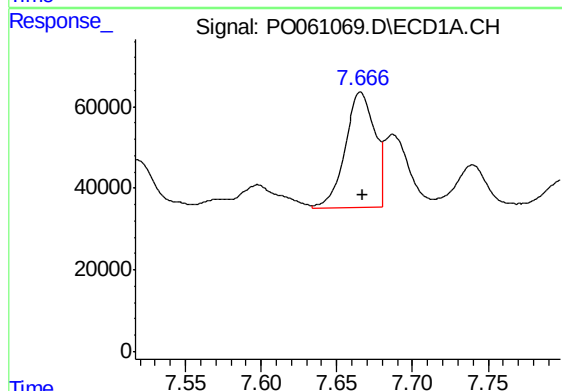
R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 202048
Conc: 74.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



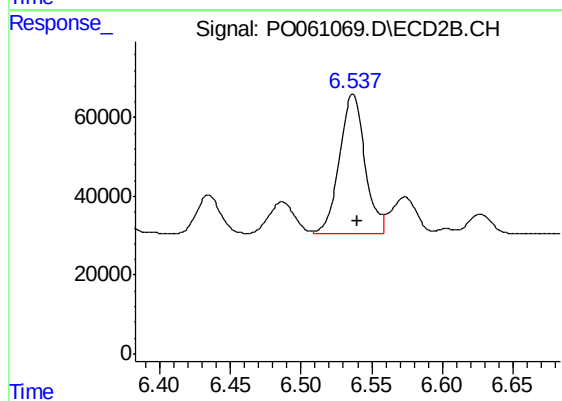
#29 AR-1254-4

R.T.: 6.126 min
Delta R.T.: -0.003 min
Response: 151120
Conc: 72.58 ng/ml



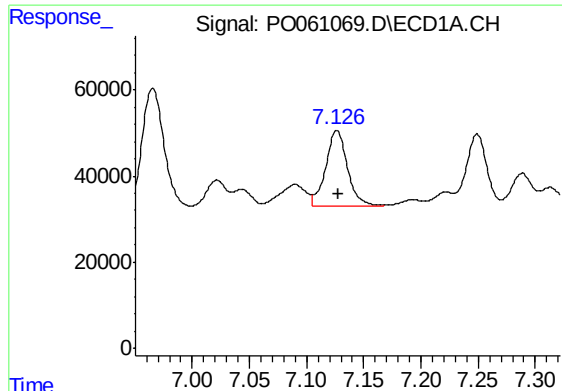
#30 AR-1254-5

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 388418
Conc: 131.72 ng/ml



#30 AR-1254-5

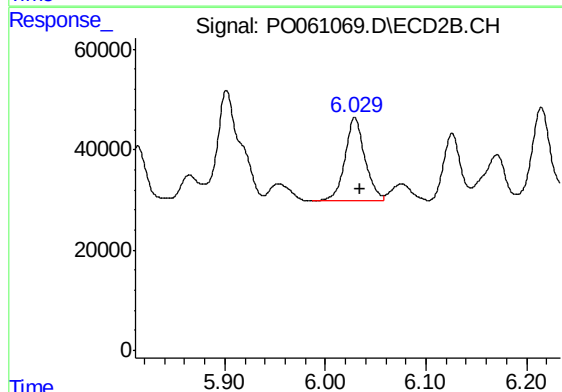
R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 444707
Conc: 140.51 ng/ml



#31 AR-1260-1

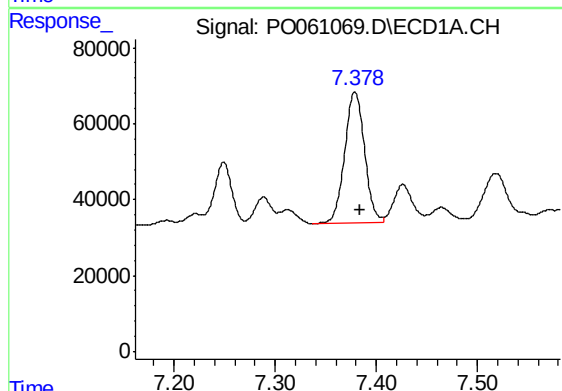
R.T.: 7.126 min
Delta R.T.: -0.001 min
Response: 233392
Conc: 95.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



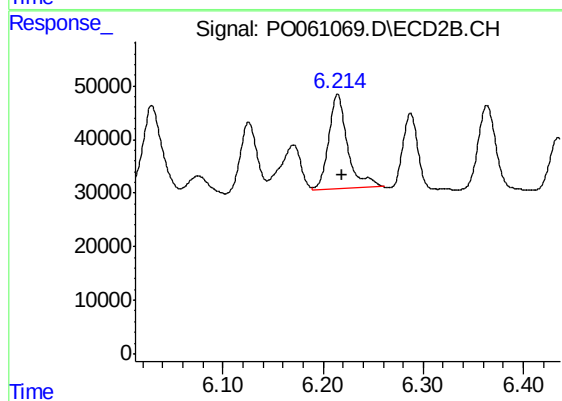
#31 AR-1260-1

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 229643
Conc: 109.18 ng/ml



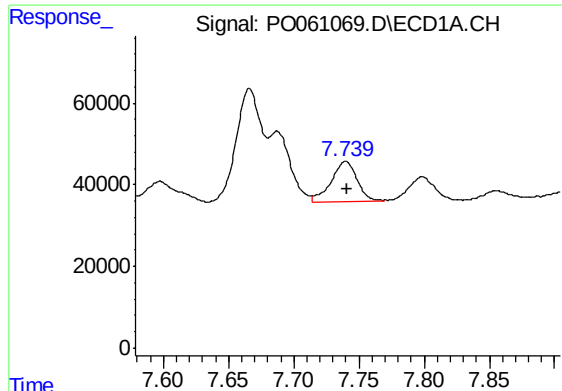
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.006 min
Response: 465849
Conc: 154.08 ng/ml



#32 AR-1260-2

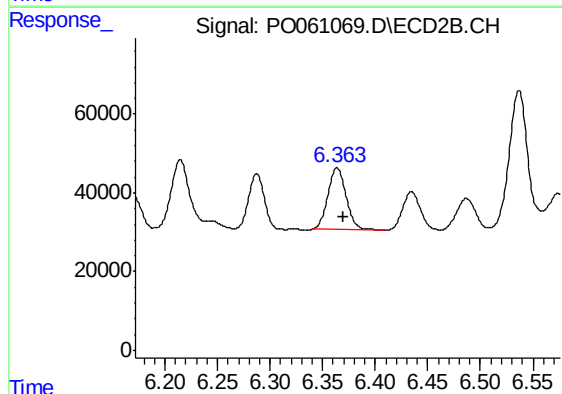
R.T.: 6.215 min
Delta R.T.: -0.005 min
Response: 230996
Conc: 89.55 ng/ml



#33 AR-1260-3

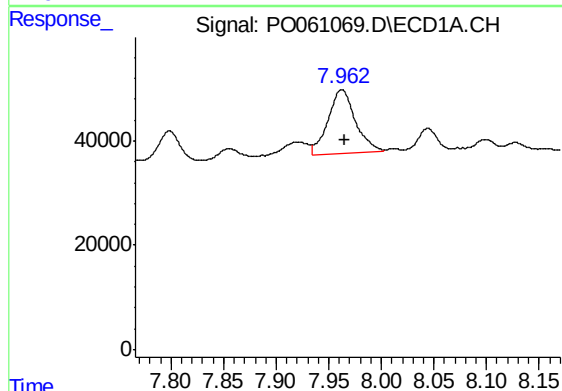
R.T.: 7.740 min
Delta R.T.: -0.001 min
Response: 140711
Conc: 58.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



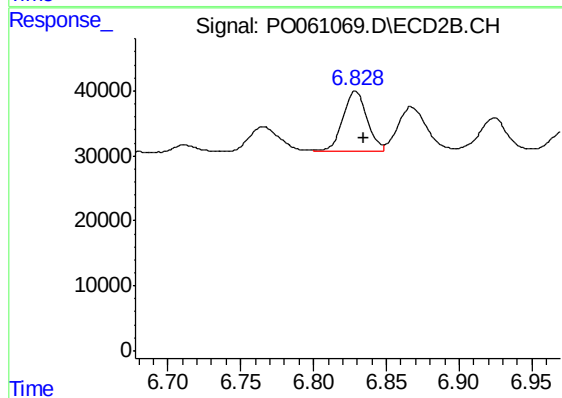
#33 AR-1260-3

R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 190185
Conc: 78.98 ng/ml



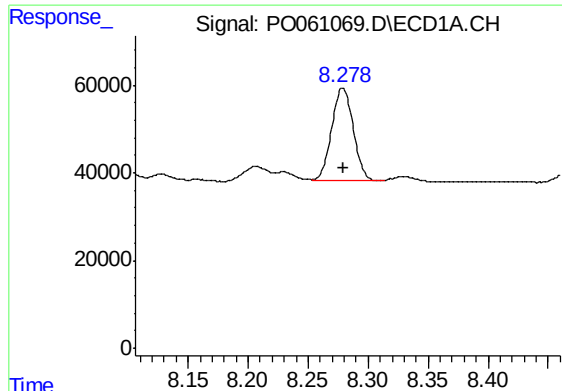
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: -0.003 min
Response: 224553
Conc: 80.26 ng/ml



#34 AR-1260-4

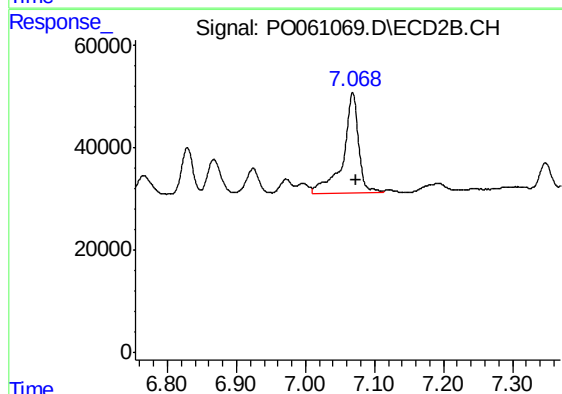
R.T.: 6.829 min
Delta R.T.: -0.006 min
Response: 106614
Conc: 49.81 ng/ml



#35 AR-1260-5

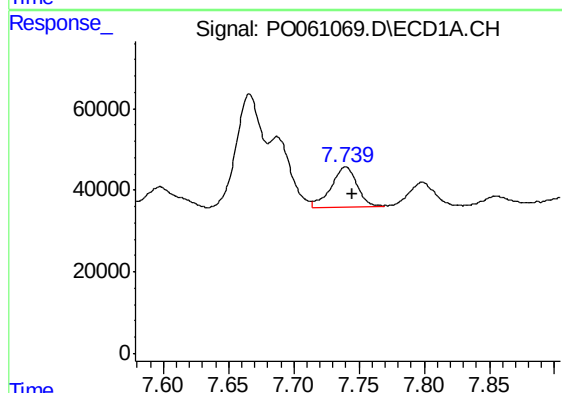
R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 267060
Conc: 49.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



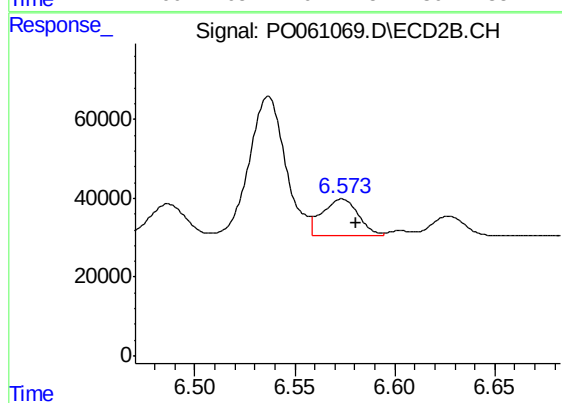
#35 AR-1260-5

R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 305441
Conc: 63.21 ng/ml



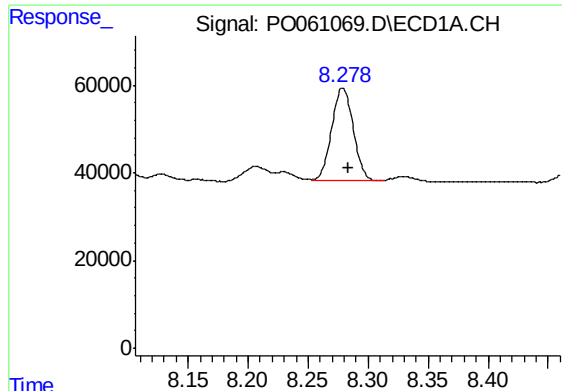
#36 AR-1262-1

R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 140711
Conc: 39.84 ng/ml



#36 AR-1262-1

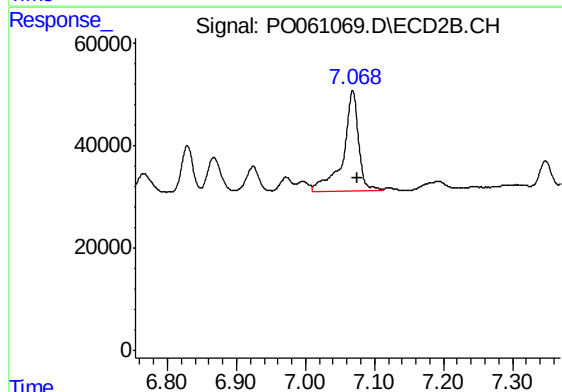
R.T.: 6.574 min
Delta R.T.: -0.007 min
Response: 117934
Conc: 39.48 ng/ml



#37 AR-1262-2

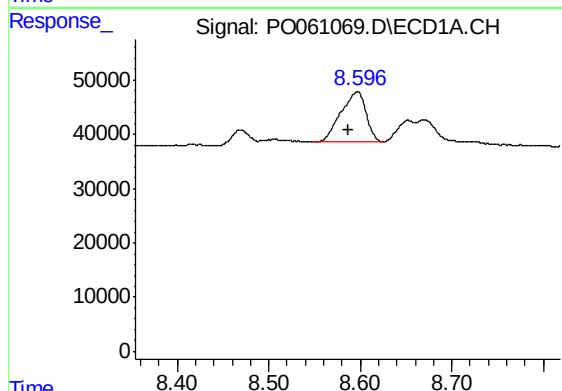
R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 267060
Conc: 42.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



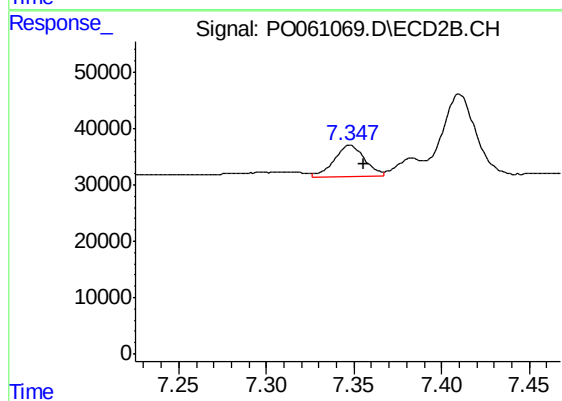
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: -0.006 min
Response: 305441
Conc: 58.74 ng/ml



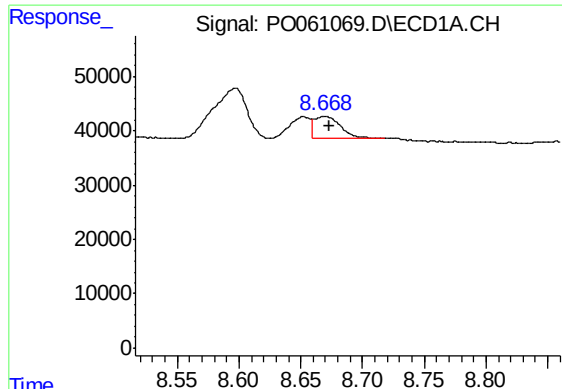
#38 AR-1262-3

R.T.: 8.597 min
Delta R.T.: 0.010 min
Response: 175242
Conc: 41.13 ng/ml



#38 AR-1262-3

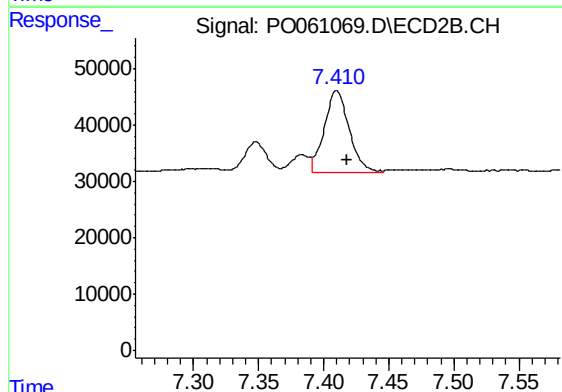
R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 67892
Conc: 31.99 ng/ml



#39 AR-1262-4

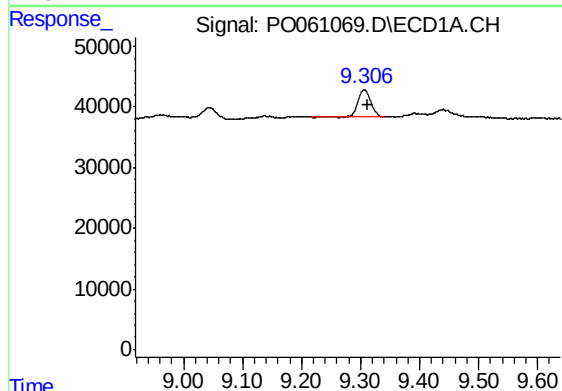
R.T.: 8.669 min
Delta R.T.: -0.004 min
Response: 59984
Conc: 18.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



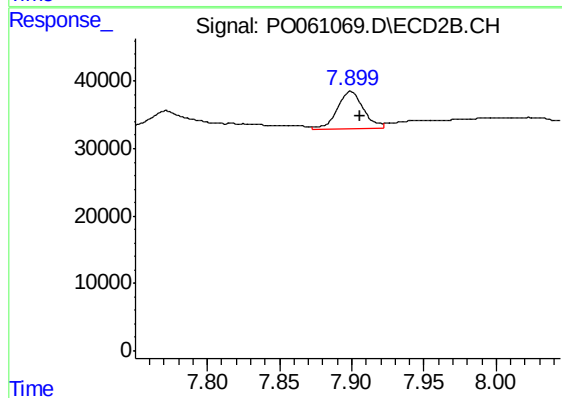
#39 AR-1262-4

R.T.: 7.410 min
Delta R.T.: -0.008 min
Response: 193667
Conc: 50.71 ng/ml



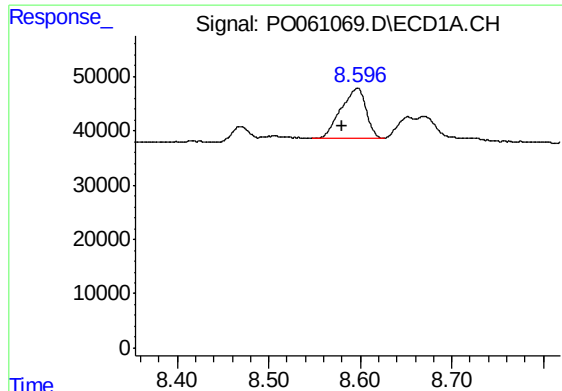
#40 AR-1262-5

R.T.: 9.306 min
Delta R.T.: -0.005 min
Response: 70824
Conc: 34.83 ng/ml



#40 AR-1262-5

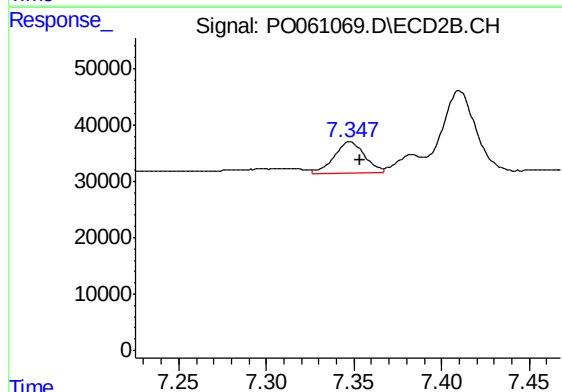
R.T.: 7.899 min
Delta R.T.: -0.006 min
Response: 71959
Conc: 42.99 ng/ml



#41 AR-1268-1

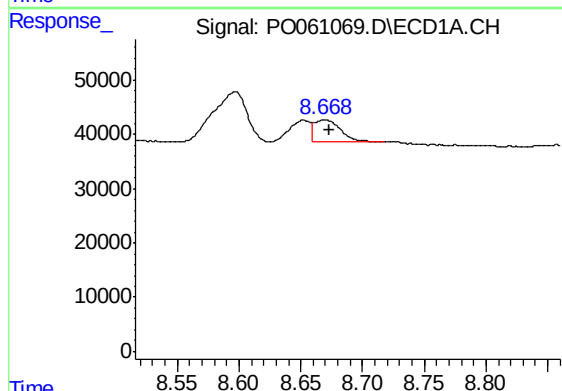
R.T.: 8.597 min
Delta R.T.: 0.017 min
Response: 175242
Conc: 23.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



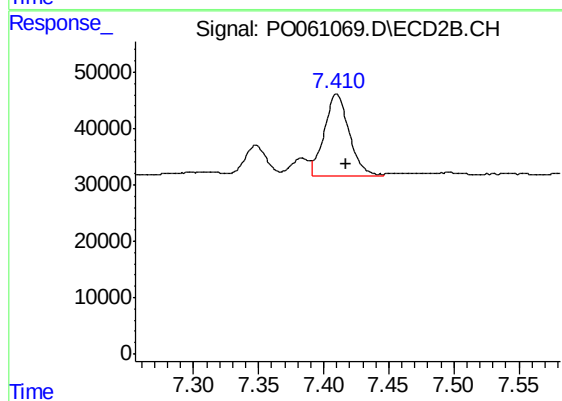
#41 AR-1268-1

R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 67892
Conc: 11.58 ng/ml



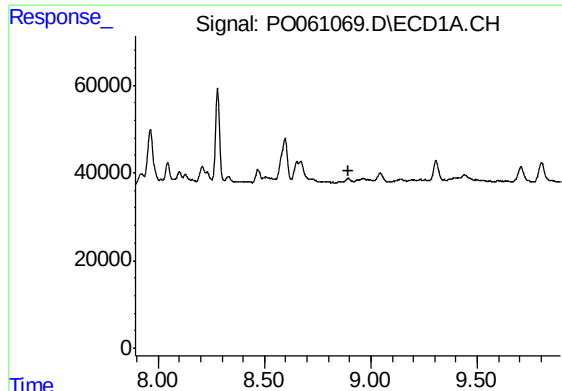
#42 AR-1268-2

R.T.: 8.669 min
Delta R.T.: -0.004 min
Response: 59984
Conc: 8.88 ng/ml



#42 AR-1268-2

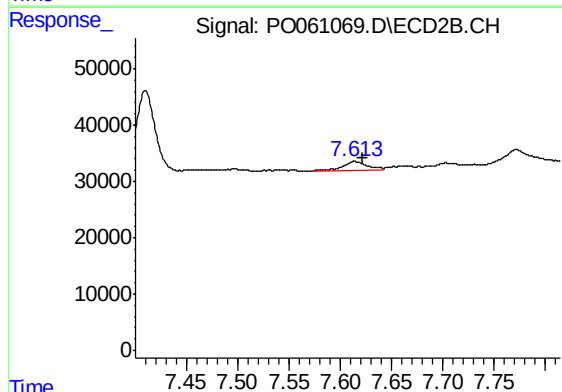
R.T.: 7.410 min
Delta R.T.: -0.007 min
Response: 193667
Conc: 36.34 ng/ml



#43 AR-1268-3

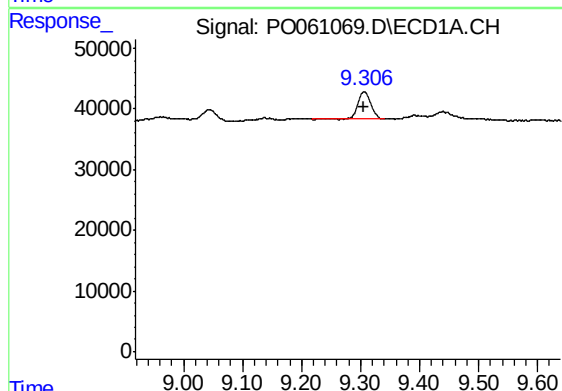
R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
COMP-28



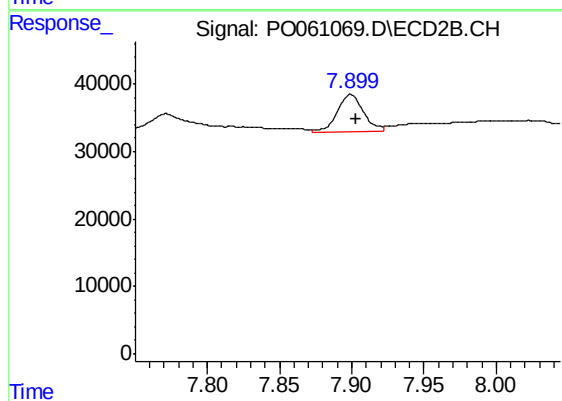
#43 AR-1268-3

R.T.: 7.614 min
Delta R.T.: -0.008 min
Response: 27707
Conc: 6.25 ng/ml



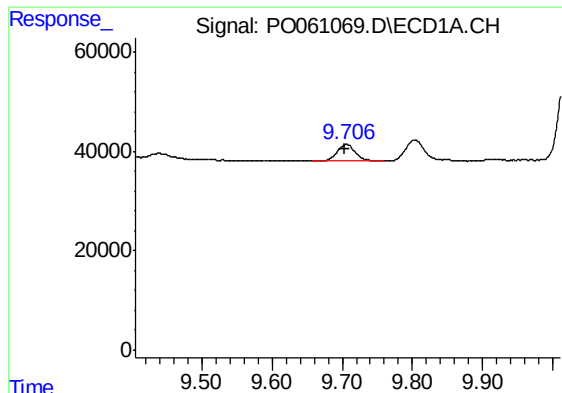
#44 AR-1268-4

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 70824
Conc: 30.70 ng/ml



#44 AR-1268-4

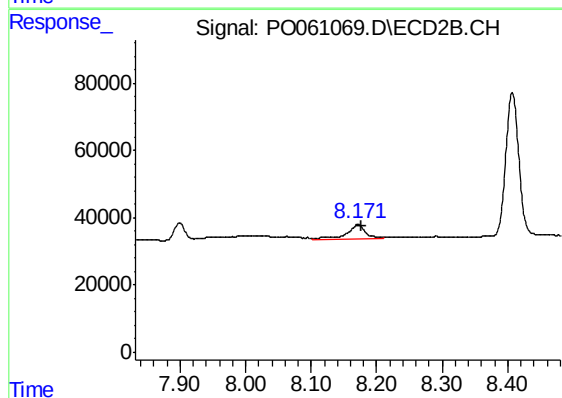
R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 71959
Conc: 37.66 ng/ml



#45 AR-1268-5

R.T.: 9.706 min
Delta R.T.: 0.002 min
Response: 60210
Conc: 3.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-28



#45 AR-1268-5

R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 83317
Conc: 6.92 ng/ml