

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092120\
 Data File : PQ049888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2020 09:28
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 04:23:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 22 04:20:45 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.225	4.278	283.1E6	111.3E6	18.283	18.980
2)	SA Decachlor...	11.425	9.628	348.9E6	238.3E6	49.483	49.736
Target Compounds							
3)	L1 AR-1016-1	6.555	5.537	92734645	53240215	253.682	236.792
4)	L1 AR-1016-2	6.579	5.558	136.6E6	72275174	240.695	236.967
5)	L1 AR-1016-3	6.646	5.750	87108833	36705134	230.330	236.832
6)	L1 AR-1016-4	6.755	5.801	69698338	27787708	235.659	226.826
7)	L1 AR-1016-5	7.067	6.031	66849070	42640016	264.213	267.205
8)	L2 AR-1221-1	0.000	4.534	0	3831332	N.D.	64.826 #
9)	L2 AR-1221-2	5.580	4.635	13875241	5380211	106.013	119.042
10)	L2 AR-1221-3	5.668	4.723	53086773	20899362	147.001	145.325
11)	L3 AR-1232-1	5.668	4.723	53086773	20899362	172.206	174.720
12)	L3 AR-1232-2	6.259	5.558	69583282	72275174	448.827	574.684 #
13)	L3 AR-1232-3	6.579	5.750	136.6E6	36705134	468.852	577.352
14)	L3 AR-1232-4	6.755	5.846	69698338	36789119	372.760	612.492 #
15)	L3 AR-1232-5	6.848	6.031	64763779	42640016	461.206	689.575 #
16)	L4 AR-1242-1	6.555	5.537	92734645	53240215	315.449	328.011
17)	L4 AR-1242-2	6.579	5.558	136.6E6	72275174	309.331	328.468
18)	L4 AR-1242-3	6.646	5.750	87108833	36705134	292.929	323.056
19)	L4 AR-1242-4	6.755	5.846	69698338	36789119	302.433	326.012
20)	L4 AR-1242-5	0.000	6.410	0	33159420	N.D.	212.821 #
21)	L5 AR-1248-1	6.555	5.537	92734645	53240215	400.037	431.347
22)	L5 AR-1248-2	6.848	5.801	64763779	27787708	189.642	178.728
23)	L5 AR-1248-3	7.067	5.846	66849070	36789119	199.576	222.450
24)	L5 AR-1248-4	7.465f	6.031	34485217	42640016	95.408	214.475 #
25)	L5 AR-1248-5	0.000	6.454	0	6994421	N.D.	32.685 #
26)	L6 AR-1254-1	7.465	6.410	34485217	33159420	97.146	105.048
27)	L6 AR-1254-2	7.693	6.568	55057856	30437733	117.643	117.529
28)	L6 AR-1254-3	8.080	6.970f	43581920	12004630	79.864	28.323 #
29)	L6 AR-1254-4	8.376	7.229	21580946	11325343	51.228	38.182 #
30)	L6 AR-1254-5	8.806	7.657	157.7E6	131.1E6	423.967	363.738
31)	L7 AR-1260-1	8.244	7.126	115.0E6	85284822	310.944	331.510
32)	L7 AR-1260-2	8.510	7.322	136.1E6	126.5E6	321.038	340.264
33)	L7 AR-1260-3	8.876	7.479	107.8E6	106.2E6	334.534	309.718
34)	L7 AR-1260-4	9.121	7.962	121.4E6	99021539	358.384	362.638
35)	L7 AR-1260-5	9.469	8.208	266.3E6	295.6E6	385.552	417.242
36)	L8 AR-1262-1	8.876	7.657	107.8E6	131.1E6	264.013	702.037 #
37)	L8 AR-1262-2	9.469	8.208	266.3E6	295.6E6	385.262	410.385
38)	L8 AR-1262-3	9.799	8.495	76466954	69633145	236.525	244.493
39)	L8 AR-1262-4	9.885	8.559	129.0E6	205.2E6	329.463	420.077 #
40)	L8 AR-1262-5	10.620	9.063	112.1E6	87237245	379.744	360.033
41)	L9 AR-1268-1	9.799	8.495	76466954	69633145	86.458	76.786

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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

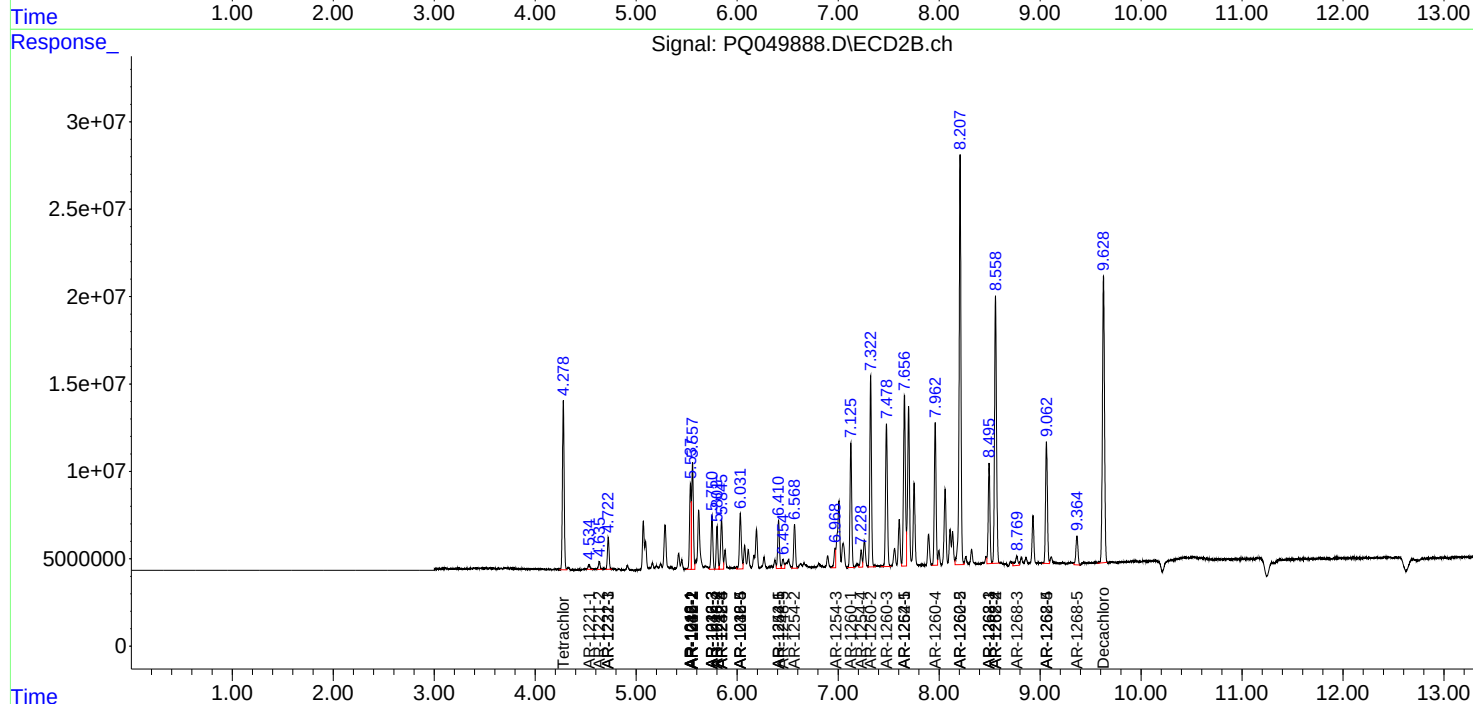
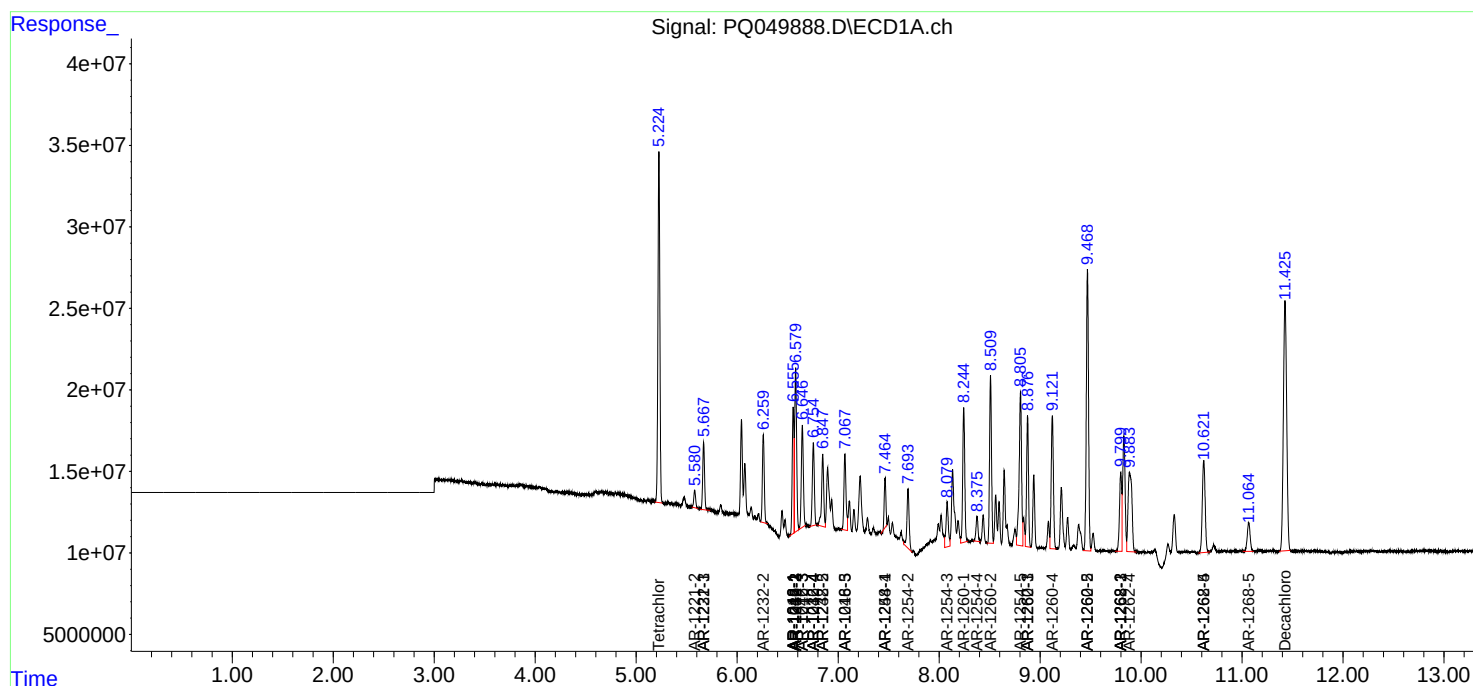
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.799	8.559	76466954	205.2E6	86.458	267.721 #
43) L9	AR-1268-3	0.000	8.770	0	10145339	N.D.	14.937 #
44) L9	AR-1268-4	10.620	9.063	112.1E6	87237245	334.179	315.412
45) L9	AR-1268-5	11.065	9.365	35197116	24140340	16.305	13.470

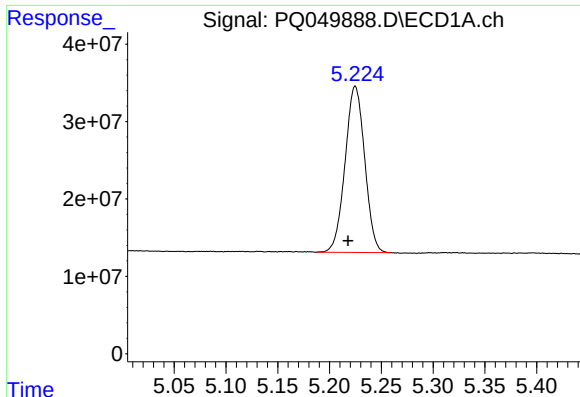
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 22 04:20:45 2020
Response via : Initial Calibration
Integrator: ChemStation

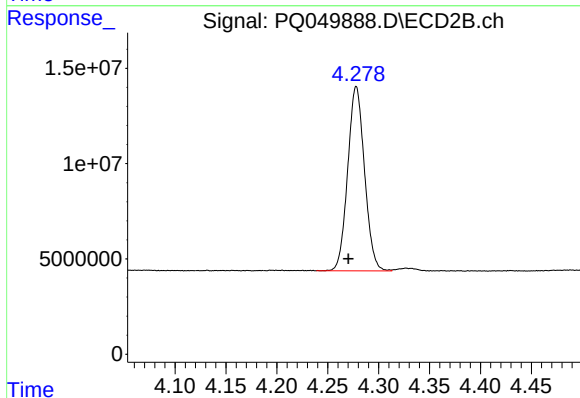
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





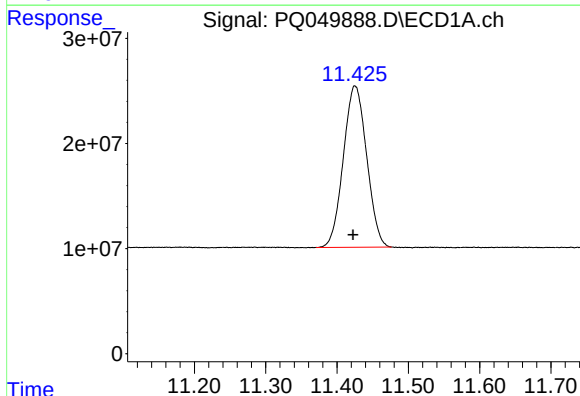
#1 Tetrachloro-m-xylene

R.T.: 5.225 min
Delta R.T.: 0.007 min
Response: 283121837
Conc: 18.28 ng/ml



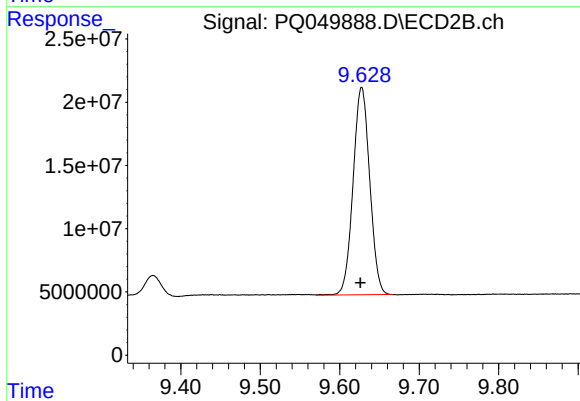
#1 Tetrachloro-m-xylene

R.T.: 4.278 min
Delta R.T.: 0.008 min
Response: 111254466
Conc: 18.98 ng/ml



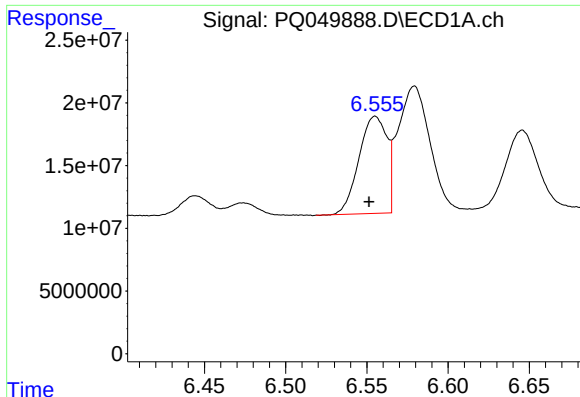
#2 Decachlorobiphenyl

R.T.: 11.425 min
Delta R.T.: 0.003 min
Response: 348855355
Conc: 49.48 ng/ml



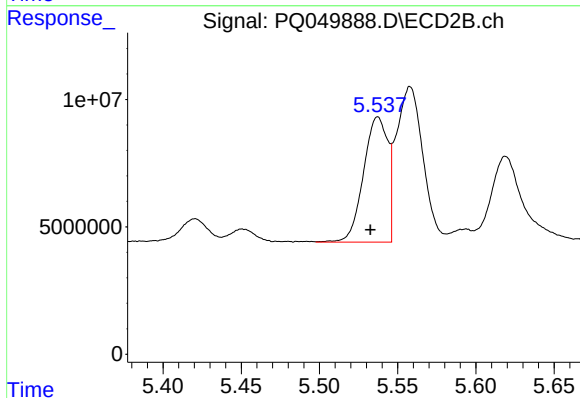
#2 Decachlorobiphenyl

R.T.: 9.628 min
Delta R.T.: 0.002 min
Response: 238344944
Conc: 49.74 ng/ml



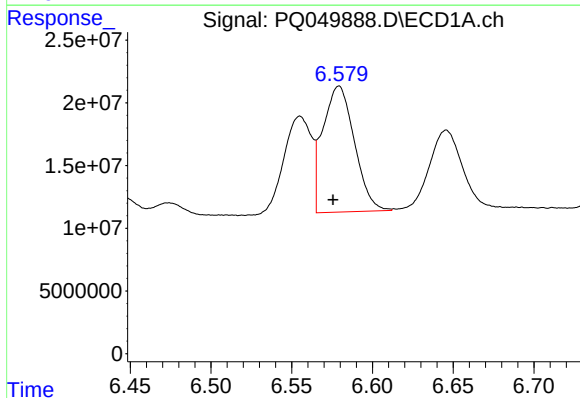
#3 AR-1016-1

R.T.: 6.555 min
Delta R.T.: 0.004 min
Response: 92734645
Conc: 253.68 ng/ml



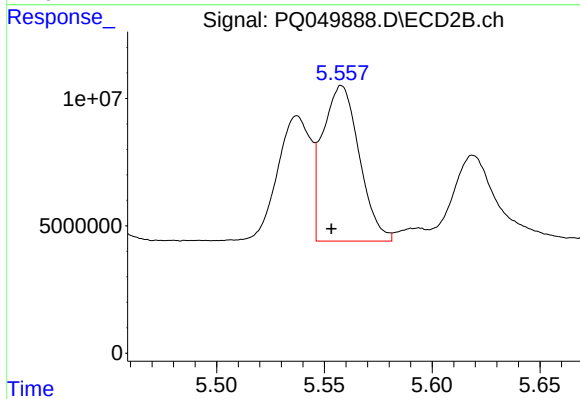
#3 AR-1016-1

R.T.: 5.537 min
Delta R.T.: 0.005 min
Response: 53240215
Conc: 236.79 ng/ml



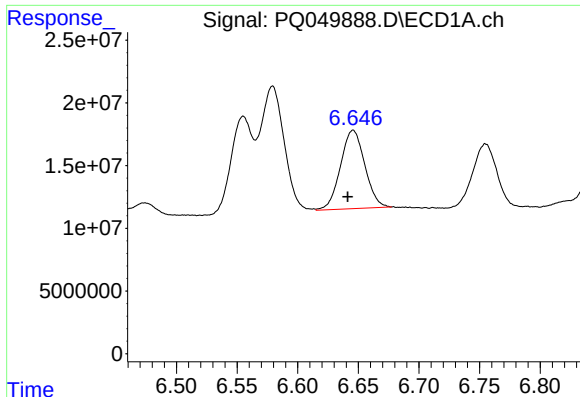
#4 AR-1016-2

R.T.: 6.579 min
Delta R.T.: 0.004 min
Response: 136632143
Conc: 240.70 ng/ml



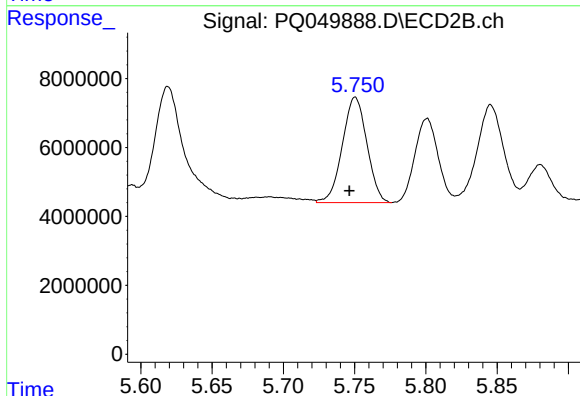
#4 AR-1016-2

R.T.: 5.558 min
Delta R.T.: 0.005 min
Response: 72275174
Conc: 236.97 ng/ml



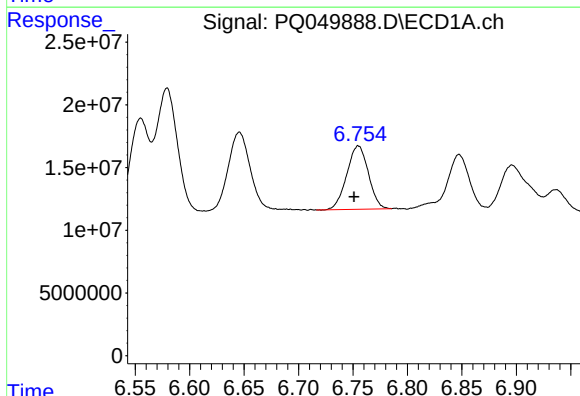
#5 AR-1016-3

R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 87108833
Conc: 230.33 ng/ml



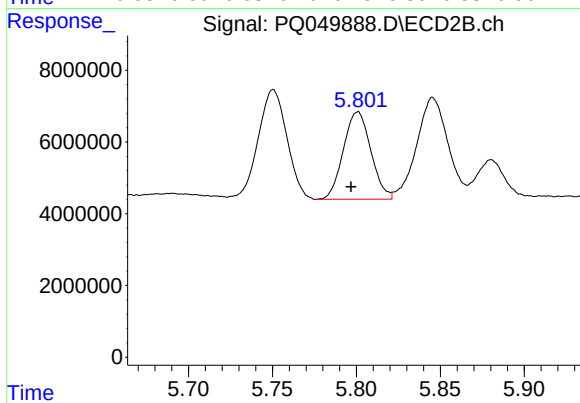
#5 AR-1016-3

R.T.: 5.750 min
Delta R.T.: 0.004 min
Response: 36705134
Conc: 236.83 ng/ml



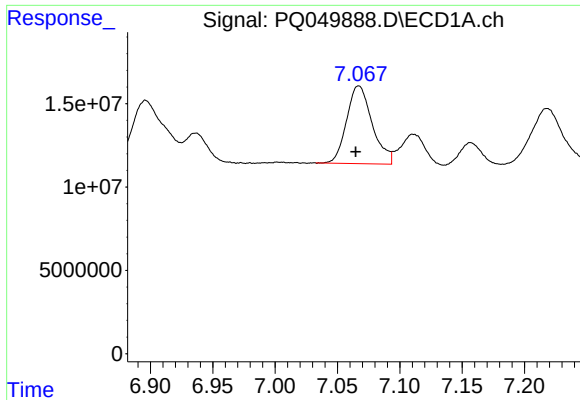
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: 0.004 min
Response: 69698338
Conc: 235.66 ng/ml



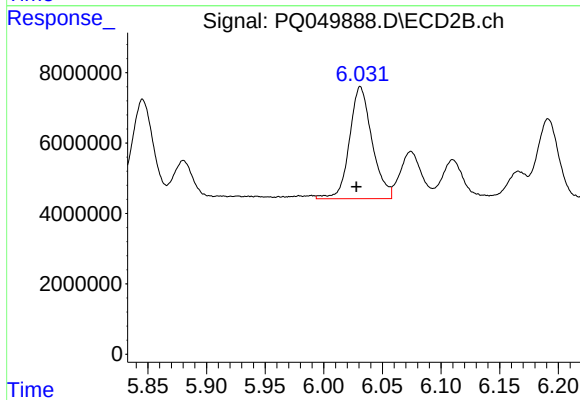
#6 AR-1016-4

R.T.: 5.801 min
Delta R.T.: 0.004 min
Response: 27787708
Conc: 226.83 ng/ml



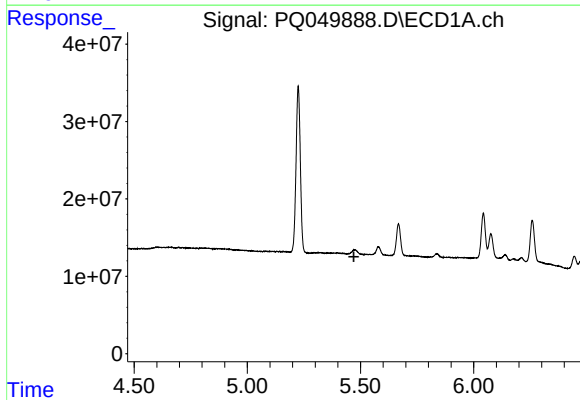
#7 AR-1016-5

R.T.: 7.067 min
Delta R.T.: 0.003 min
Response: 66849070
Conc: 264.21 ng/ml



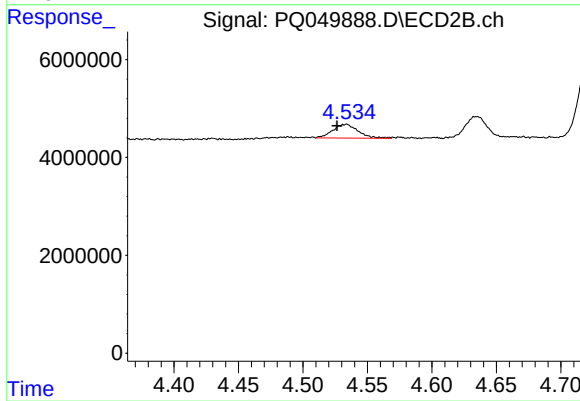
#7 AR-1016-5

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 42640016
Conc: 267.21 ng/ml



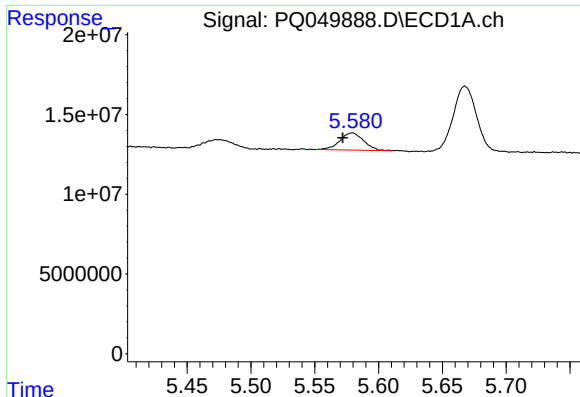
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



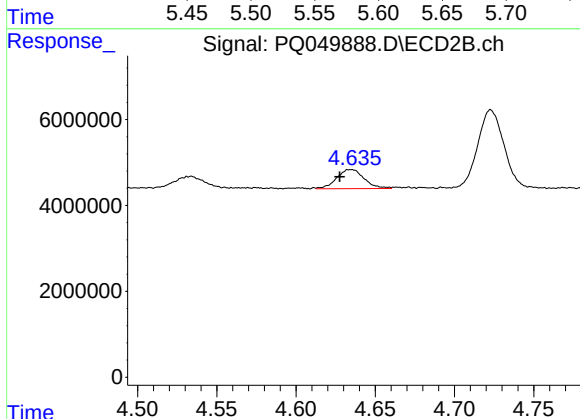
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: 0.007 min
Response: 3831332
Conc: 64.83 ng/ml



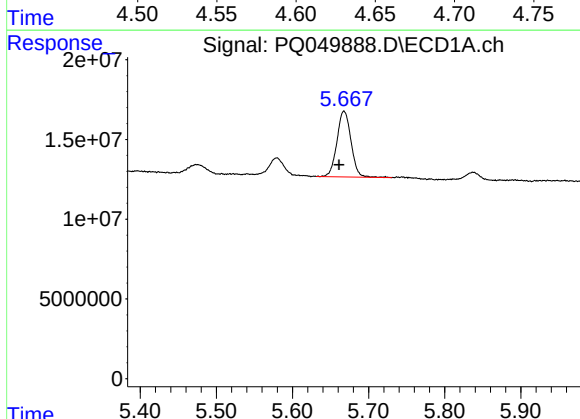
#9 AR-1221-2

R.T.: 5.580 min
Delta R.T.: 0.008 min
Response: 13875241
Conc: 106.01 ng/ml



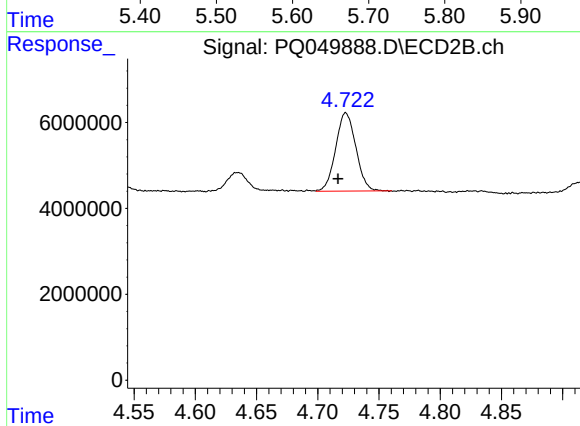
#9 AR-1221-2

R.T.: 4.635 min
Delta R.T.: 0.008 min
Response: 5380211
Conc: 119.04 ng/ml



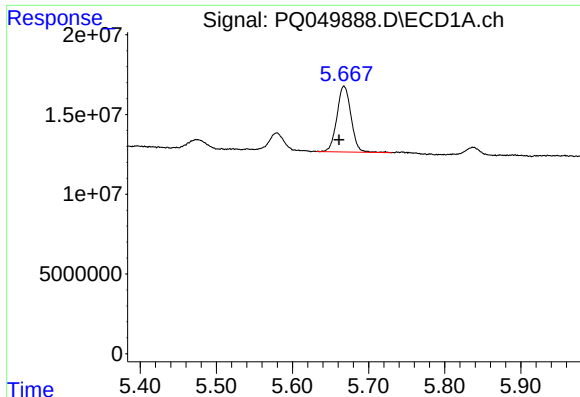
#10 AR-1221-3

R.T.: 5.668 min
Delta R.T.: 0.007 min
Response: 53086773
Conc: 147.00 ng/ml



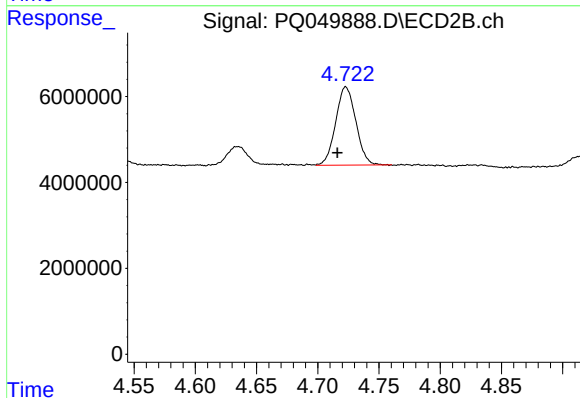
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: 0.006 min
Response: 20899362
Conc: 145.32 ng/ml



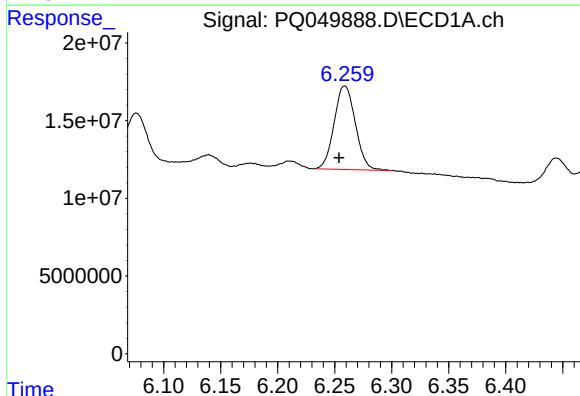
#11 AR-1232-1

R.T.: 5.668 min
Delta R.T.: 0.006 min
Response: 53086773
Conc: 172.21 ng/ml



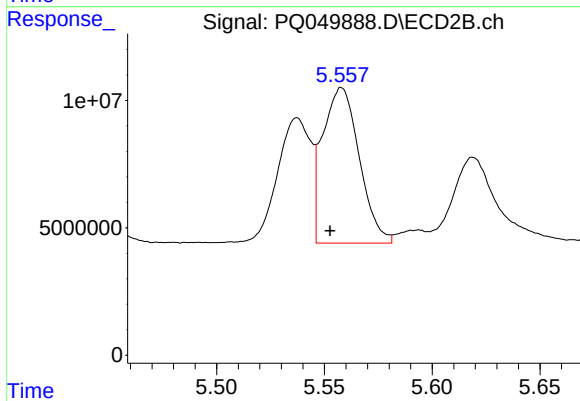
#11 AR-1232-1

R.T.: 4.723 min
Delta R.T.: 0.007 min
Response: 20899362
Conc: 174.72 ng/ml



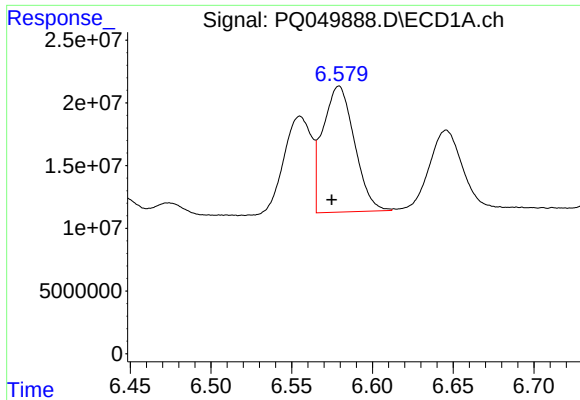
#12 AR-1232-2

R.T.: 6.259 min
Delta R.T.: 0.005 min
Response: 69583282
Conc: 448.83 ng/ml



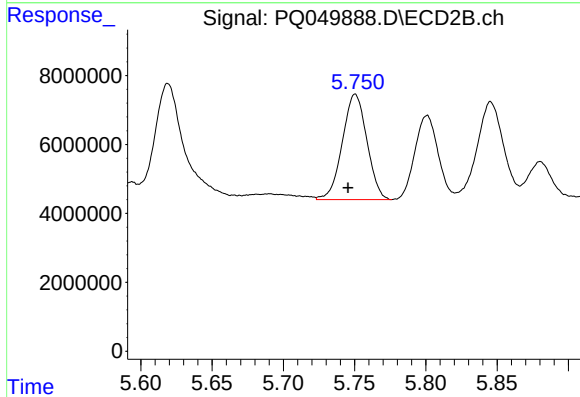
#12 AR-1232-2

R.T.: 5.558 min
Delta R.T.: 0.005 min
Response: 72275174
Conc: 574.68 ng/ml



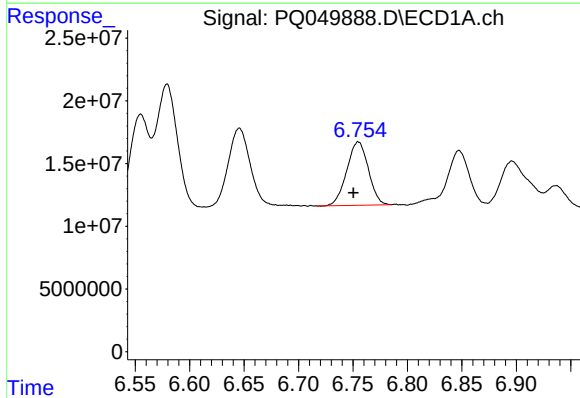
#13 AR-1232-3

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 136632143
Conc: 468.85 ng/ml



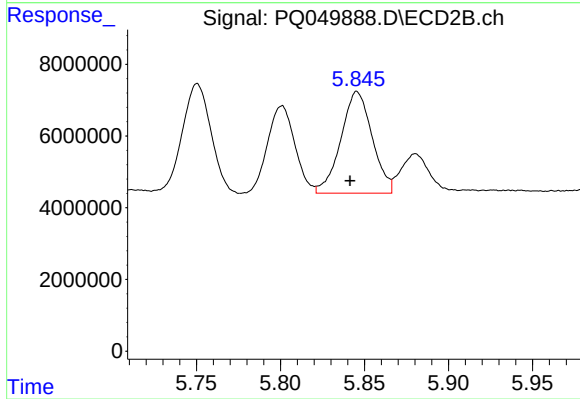
#13 AR-1232-3

R.T.: 5.750 min
Delta R.T.: 0.005 min
Response: 36705134
Conc: 577.35 ng/ml



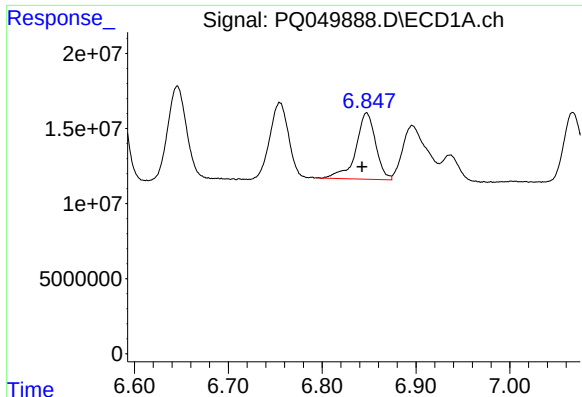
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: 0.004 min
Response: 69698338
Conc: 372.76 ng/ml



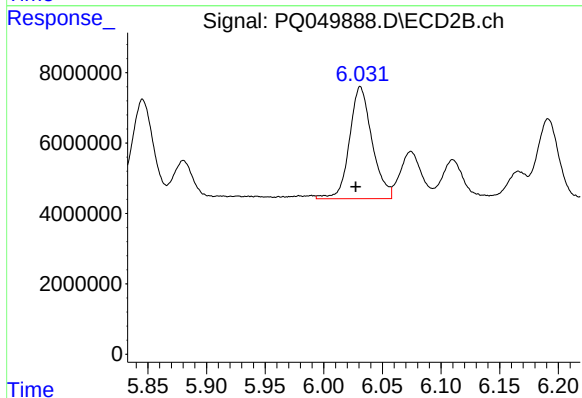
#14 AR-1232-4

R.T.: 5.846 min
Delta R.T.: 0.004 min
Response: 36789119
Conc: 612.49 ng/ml



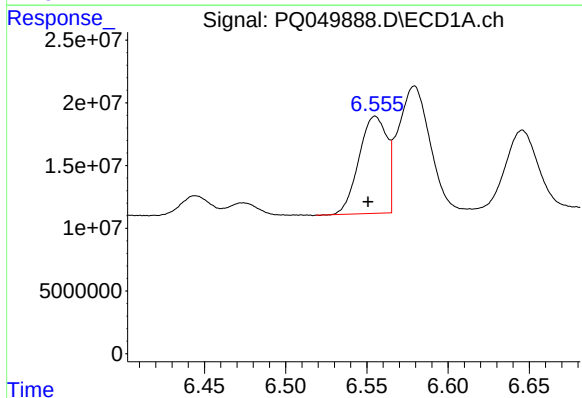
#15 AR-1232-5

R.T.: 6.848 min
Delta R.T.: 0.005 min
Response: 64763779
Conc: 461.21 ng/ml



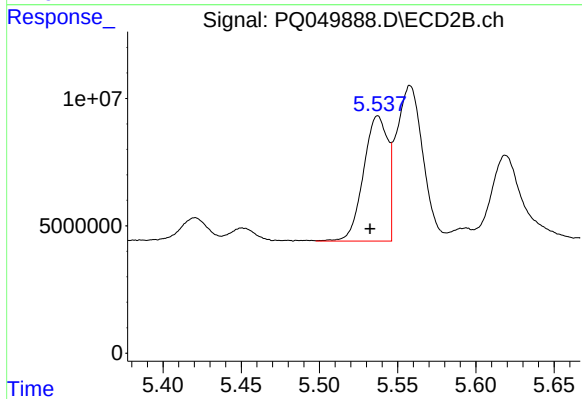
#15 AR-1232-5

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 42640016
Conc: 689.58 ng/ml



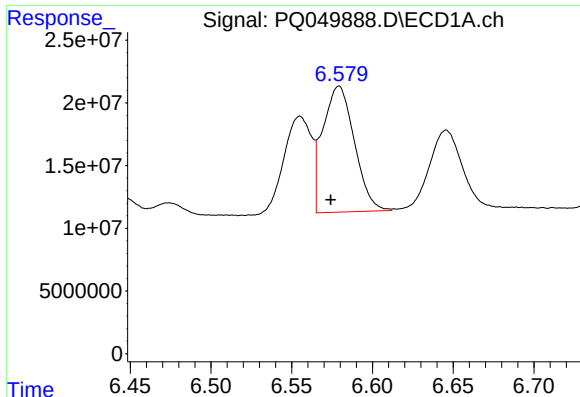
#16 AR-1242-1

R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 92734645
Conc: 315.45 ng/ml



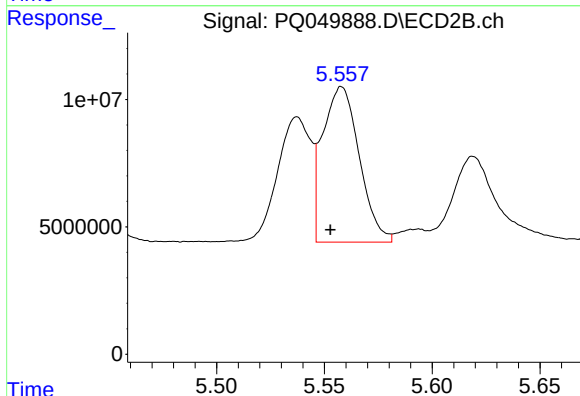
#16 AR-1242-1

R.T.: 5.537 min
Delta R.T.: 0.005 min
Response: 53240215
Conc: 328.01 ng/ml



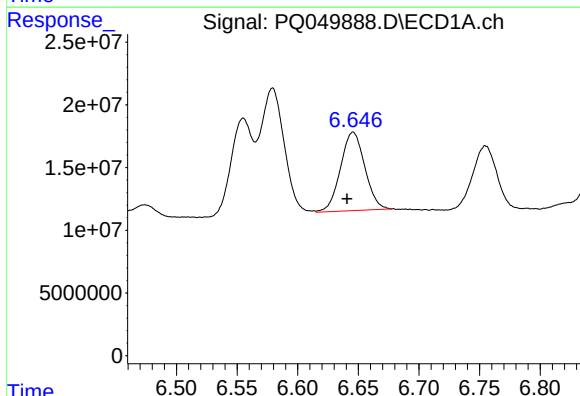
#17 AR-1242-2

R.T.: 6.579 min
Delta R.T.: 0.005 min
Response: 136632143
Conc: 309.33 ng/ml



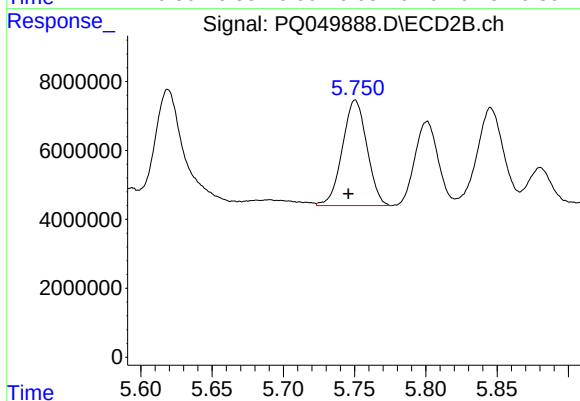
#17 AR-1242-2

R.T.: 5.558 min
Delta R.T.: 0.005 min
Response: 72275174
Conc: 328.47 ng/ml



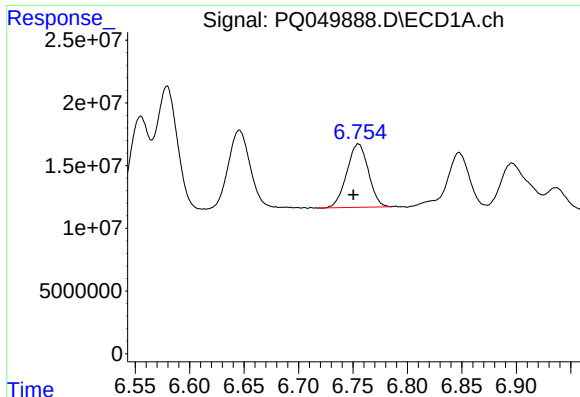
#18 AR-1242-3

R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 87108833
Conc: 292.93 ng/ml



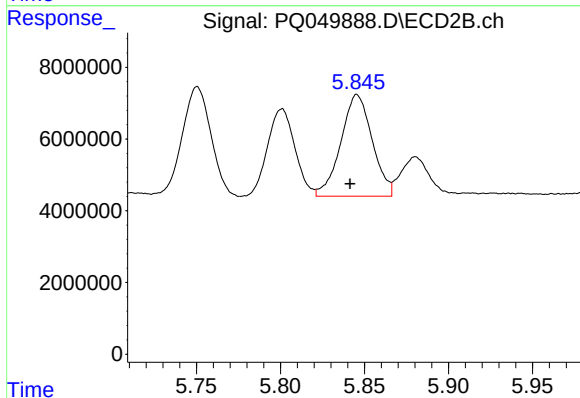
#18 AR-1242-3

R.T.: 5.750 min
Delta R.T.: 0.005 min
Response: 36705134
Conc: 323.06 ng/ml



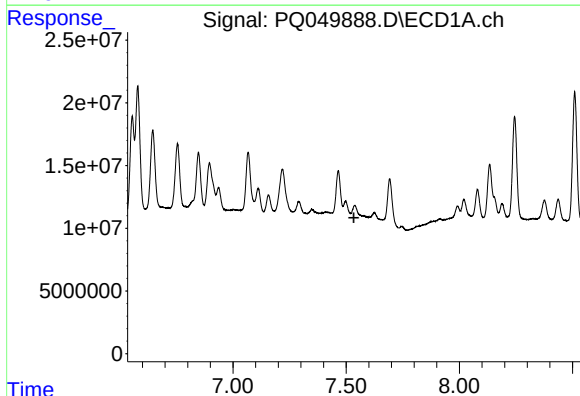
#19 AR-1242-4

R.T.: 6.755 min
Delta R.T.: 0.004 min
Response: 69698338
Conc: 302.43 ng/ml



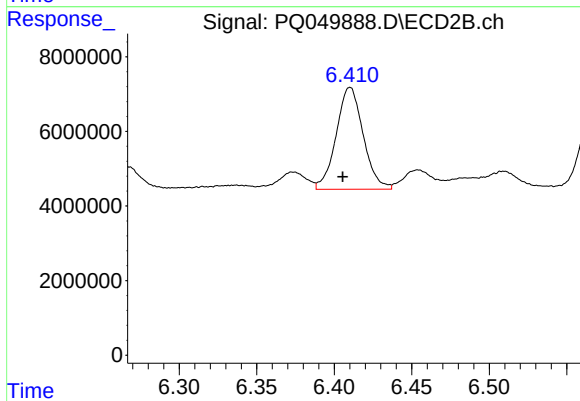
#19 AR-1242-4

R.T.: 5.846 min
Delta R.T.: 0.004 min
Response: 36789119
Conc: 326.01 ng/ml



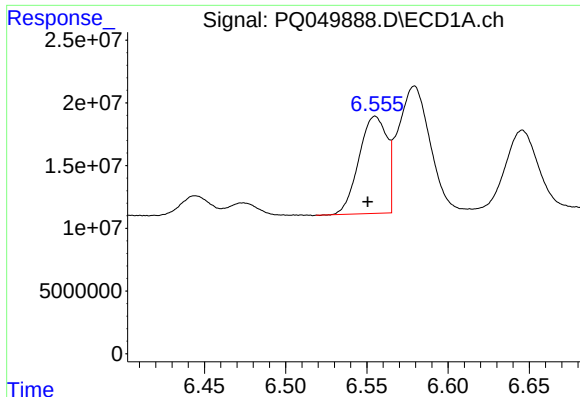
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.534 min
Response: 0
Conc: N.D.



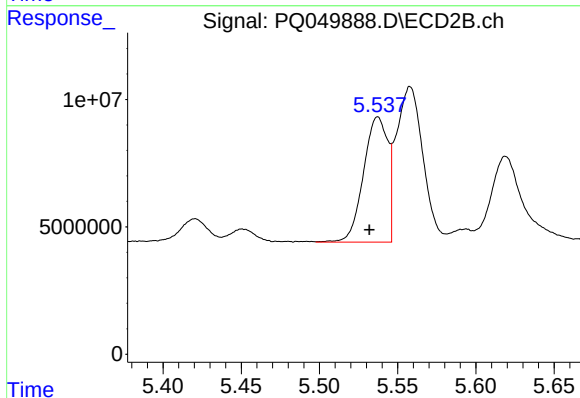
#20 AR-1242-5

R.T.: 6.410 min
Delta R.T.: 0.005 min
Response: 33159420
Conc: 212.82 ng/ml



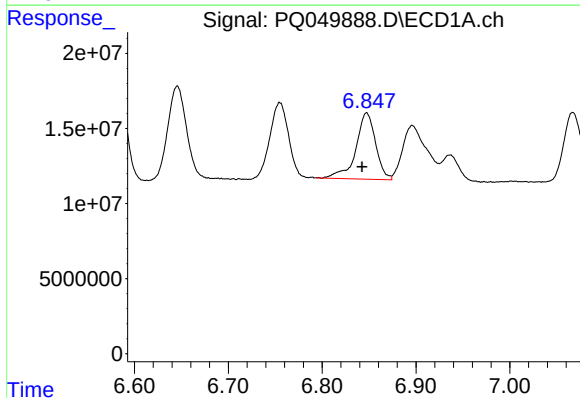
#21 AR-1248-1

R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 92734645
Conc: 400.04 ng/ml



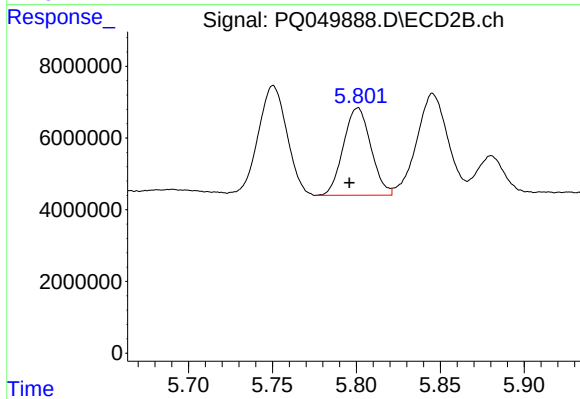
#21 AR-1248-1

R.T.: 5.537 min
Delta R.T.: 0.005 min
Response: 53240215
Conc: 431.35 ng/ml



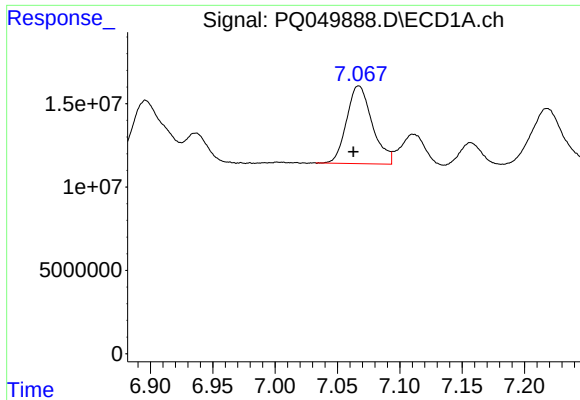
#22 AR-1248-2

R.T.: 6.848 min
Delta R.T.: 0.005 min
Response: 64763779
Conc: 189.64 ng/ml



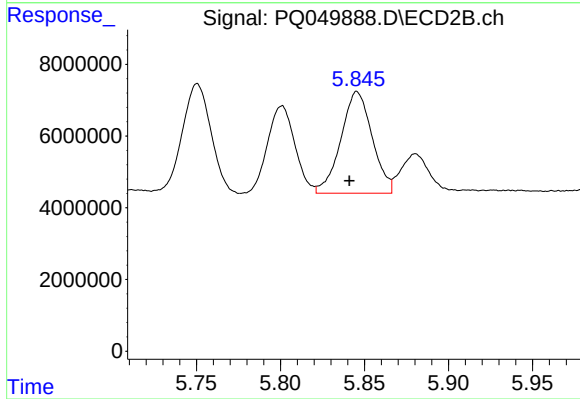
#22 AR-1248-2

R.T.: 5.801 min
Delta R.T.: 0.005 min
Response: 27787708
Conc: 178.73 ng/ml



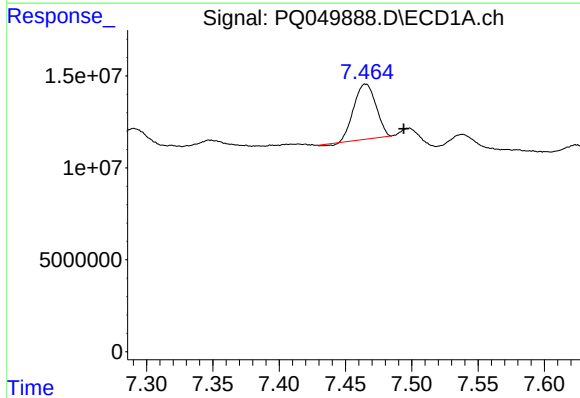
#23 AR-1248-3

R.T.: 7.067 min
Delta R.T.: 0.004 min
Response: 66849070
Conc: 199.58 ng/ml



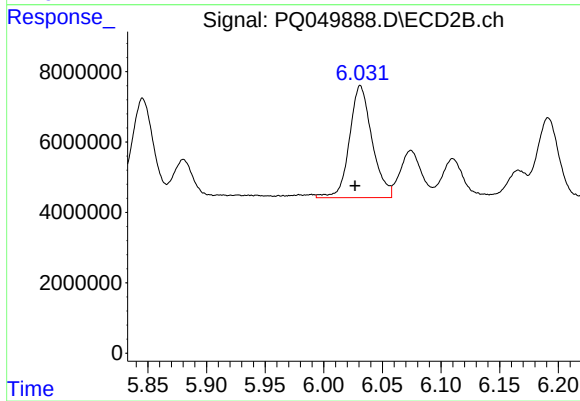
#23 AR-1248-3

R.T.: 5.846 min
Delta R.T.: 0.005 min
Response: 36789119
Conc: 222.45 ng/ml



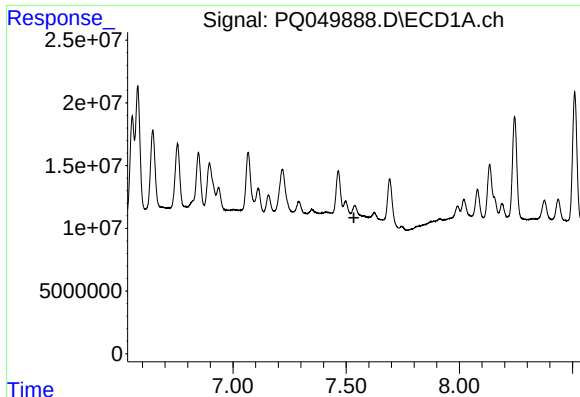
#24 AR-1248-4

R.T.: 7.465 min
Delta R.T.: -0.029 min
Response: 34485217
Conc: 95.41 ng/ml



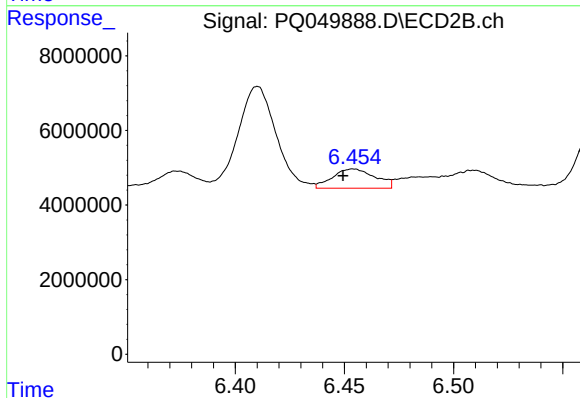
#24 AR-1248-4

R.T.: 6.031 min
Delta R.T.: 0.005 min
Response: 42640016
Conc: 214.47 ng/ml



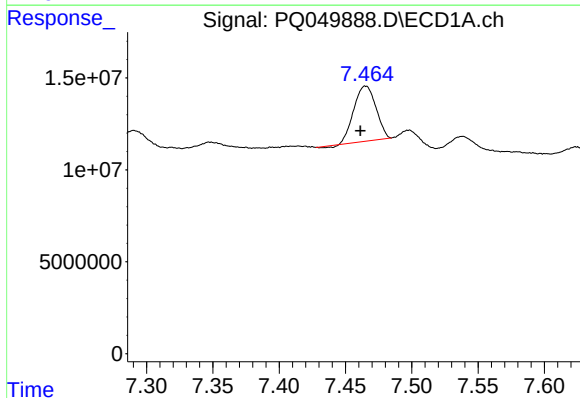
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.534 min
Response: 0
Conc: N.D.



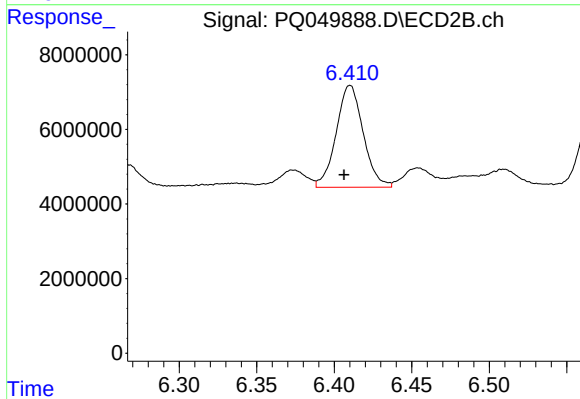
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: 0.005 min
Response: 6994421
Conc: 32.69 ng/ml



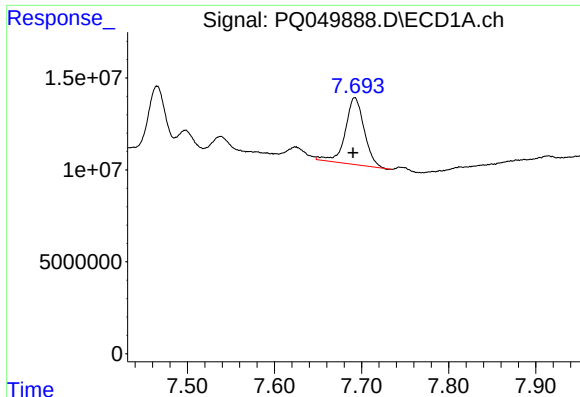
#26 AR-1254-1

R.T.: 7.465 min
Delta R.T.: 0.003 min
Response: 34485217
Conc: 97.15 ng/ml



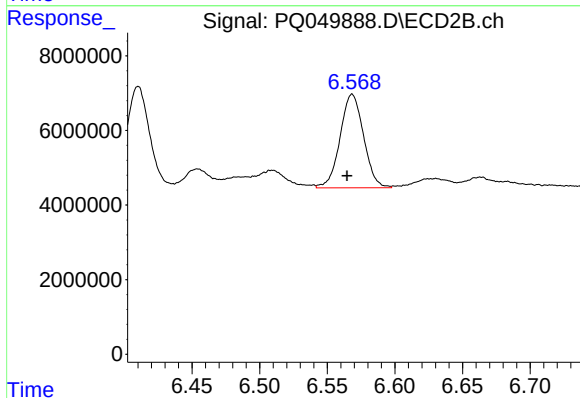
#26 AR-1254-1

R.T.: 6.410 min
Delta R.T.: 0.004 min
Response: 33159420
Conc: 105.05 ng/ml



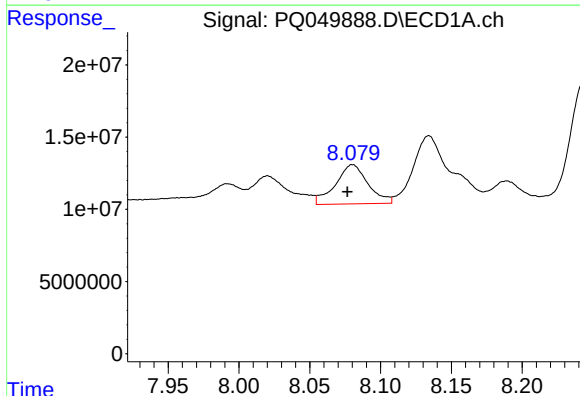
#27 AR-1254-2

R.T.: 7.693 min
Delta R.T.: 0.002 min
Response: 55057856
Conc: 117.64 ng/ml



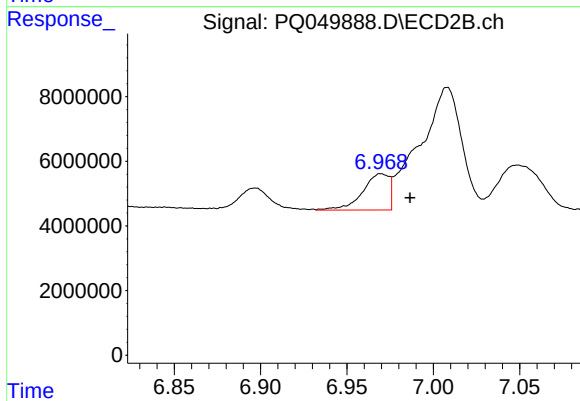
#27 AR-1254-2

R.T.: 6.568 min
Delta R.T.: 0.004 min
Response: 30437733
Conc: 117.53 ng/ml



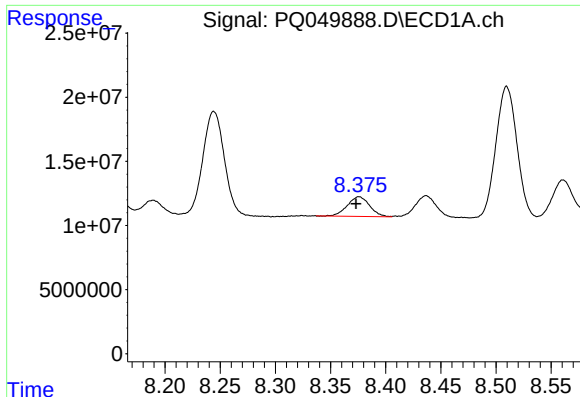
#28 AR-1254-3

R.T.: 8.080 min
Delta R.T.: 0.003 min
Response: 43581920
Conc: 79.86 ng/ml



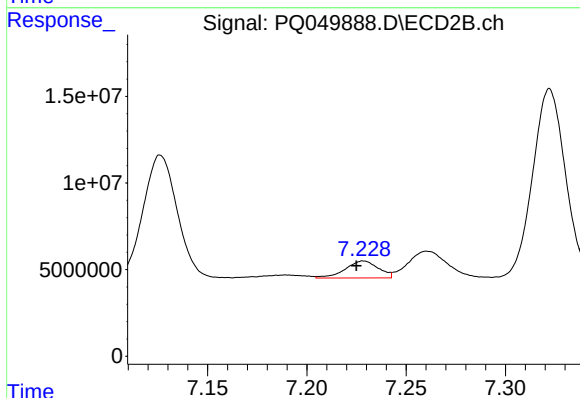
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: -0.017 min
Response: 12004630
Conc: 28.32 ng/ml



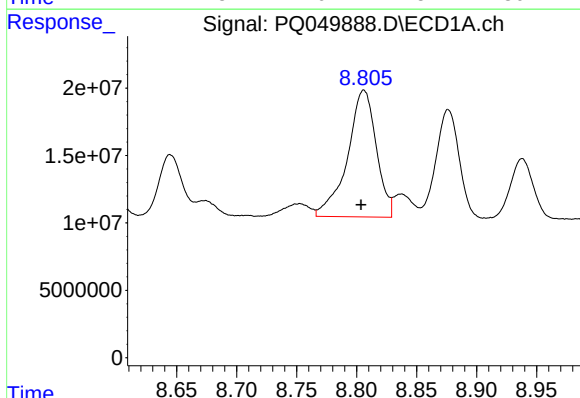
#29 AR-1254-4

R.T.: 8.376 min
Delta R.T.: 0.002 min
Response: 21580946
Conc: 51.23 ng/ml



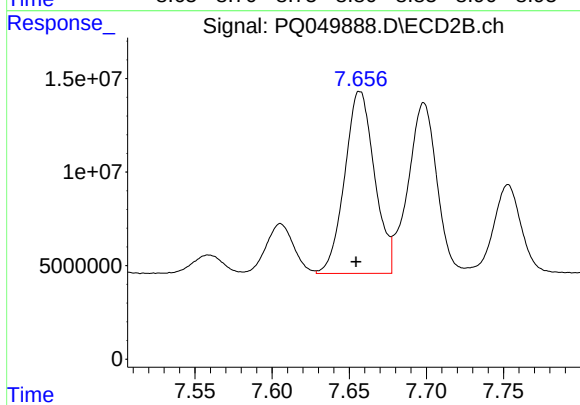
#29 AR-1254-4

R.T.: 7.229 min
Delta R.T.: 0.004 min
Response: 11325343
Conc: 38.18 ng/ml



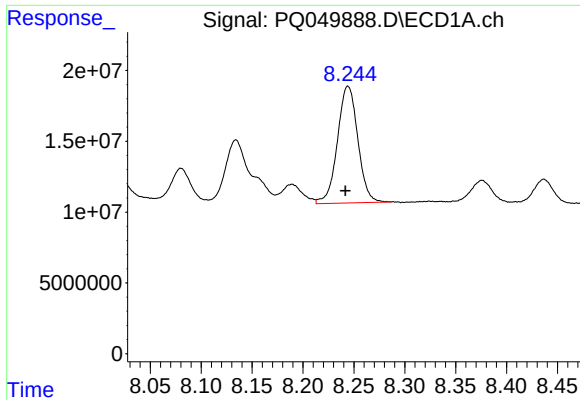
#30 AR-1254-5

R.T.: 8.806 min
Delta R.T.: 0.002 min
Response: 157682928
Conc: 423.97 ng/ml



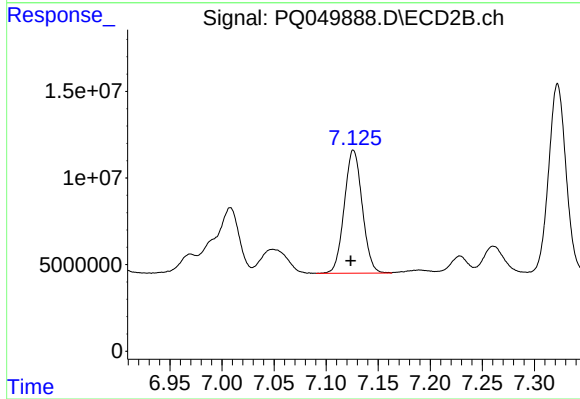
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 131055287
Conc: 363.74 ng/ml



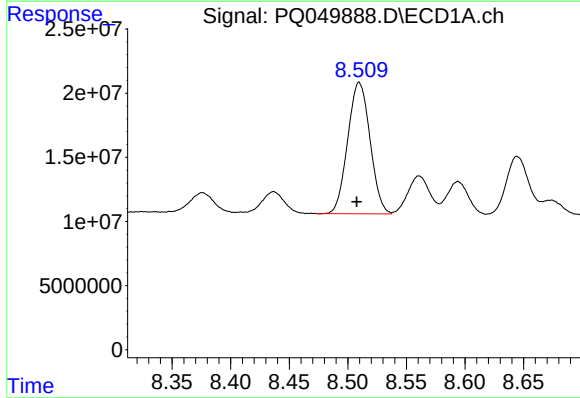
#31 AR-1260-1

R.T.: 8.244 min
Delta R.T.: 0.002 min
Response: 115039449
Conc: 310.94 ng/ml



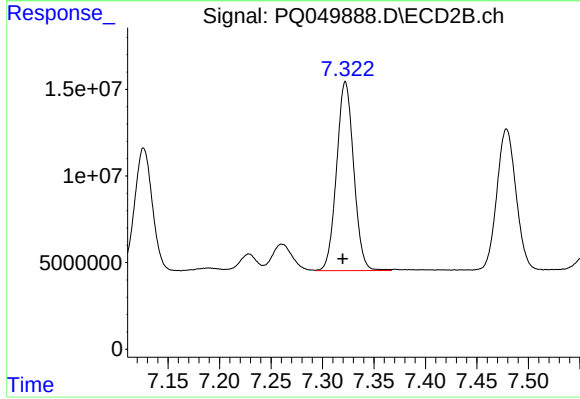
#31 AR-1260-1

R.T.: 7.126 min
Delta R.T.: 0.003 min
Response: 85284822
Conc: 331.51 ng/ml



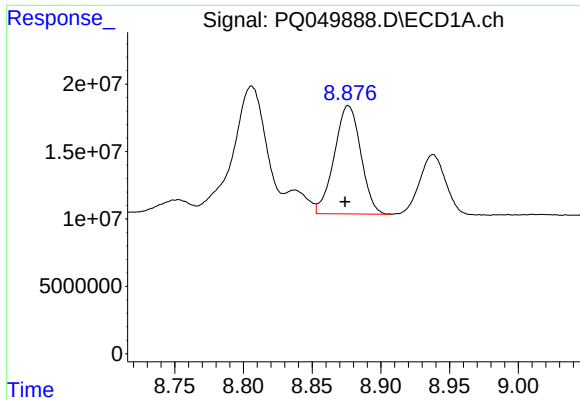
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 136072693
Conc: 321.04 ng/ml



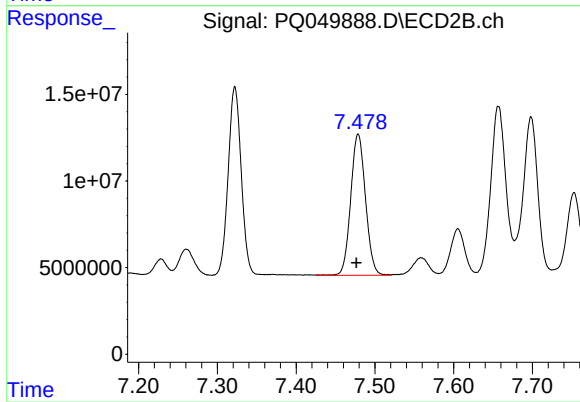
#32 AR-1260-2

R.T.: 7.322 min
Delta R.T.: 0.002 min
Response: 126476343
Conc: 340.26 ng/ml



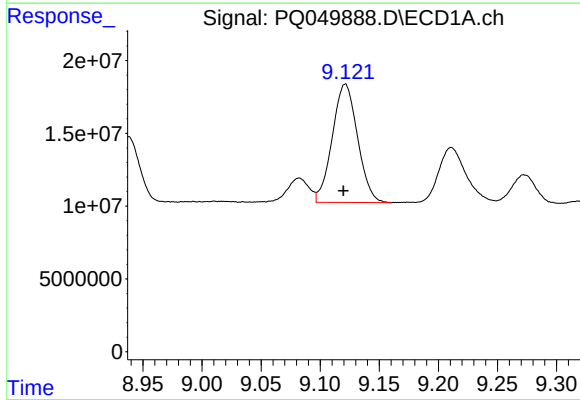
#33 AR-1260-3

R.T.: 8.876 min
Delta R.T.: 0.002 min
Response: 107795736
Conc: 334.53 ng/ml



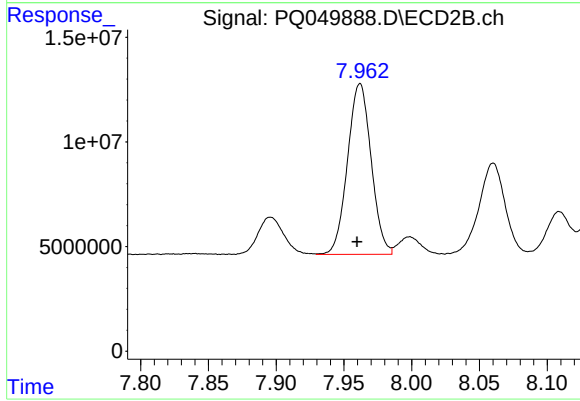
#33 AR-1260-3

R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 106194617
Conc: 309.72 ng/ml



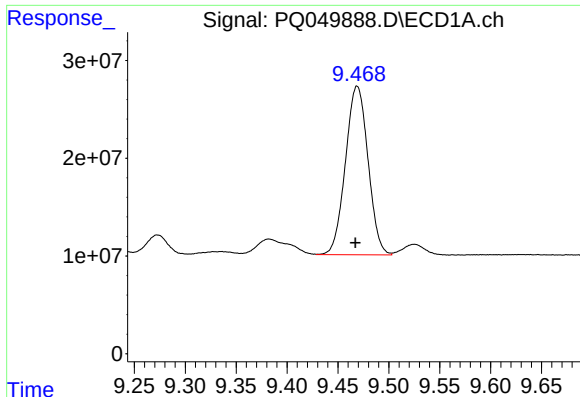
#34 AR-1260-4

R.T.: 9.121 min
Delta R.T.: 0.002 min
Response: 121413967
Conc: 358.38 ng/ml



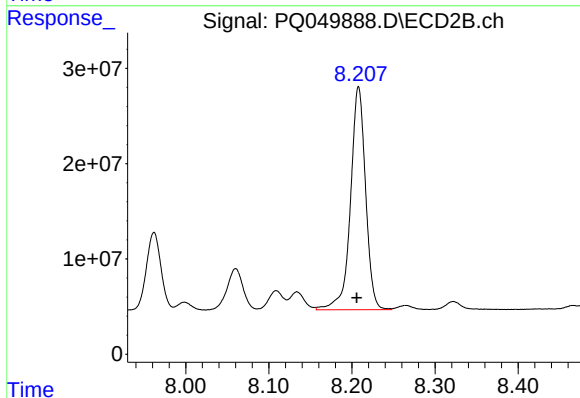
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: 0.002 min
Response: 99021539
Conc: 362.64 ng/ml



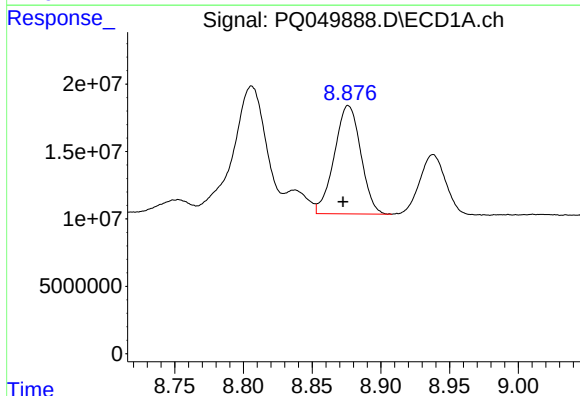
#35 AR-1260-5

R.T.: 9.469 min
Delta R.T.: 0.002 min
Response: 266333153
Conc: 385.55 ng/ml



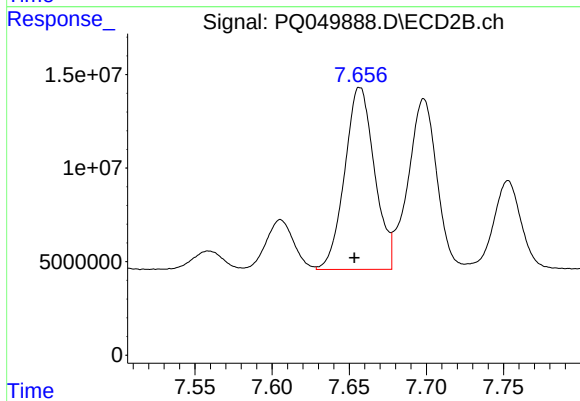
#35 AR-1260-5

R.T.: 8.208 min
Delta R.T.: 0.002 min
Response: 295643702
Conc: 417.24 ng/ml



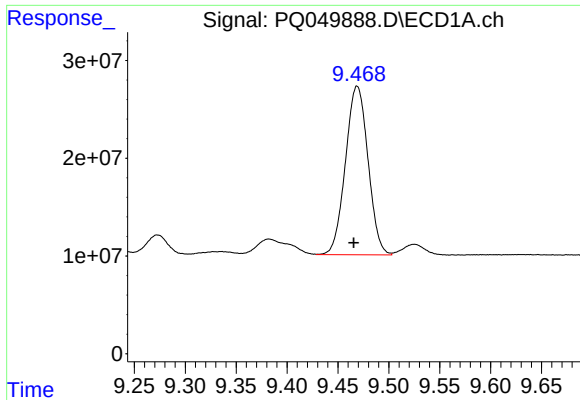
#36 AR-1262-1

R.T.: 8.876 min
Delta R.T.: 0.004 min
Response: 107795736
Conc: 264.01 ng/ml



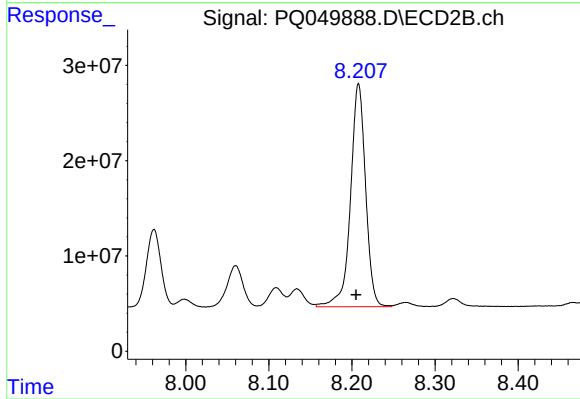
#36 AR-1262-1

R.T.: 7.657 min
Delta R.T.: 0.003 min
Response: 131055287
Conc: 702.04 ng/ml



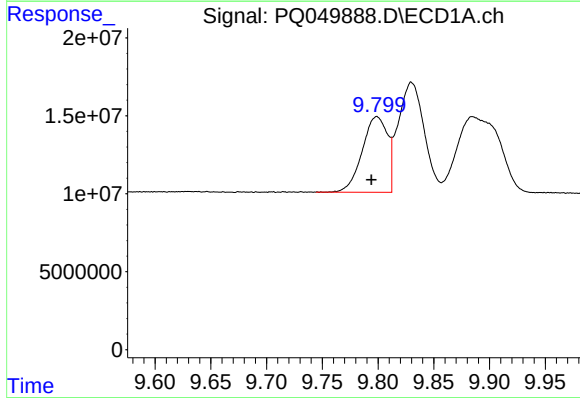
#37 AR-1262-2

R.T.: 9.469 min
Delta R.T.: 0.003 min
Response: 266333153
Conc: 385.26 ng/ml



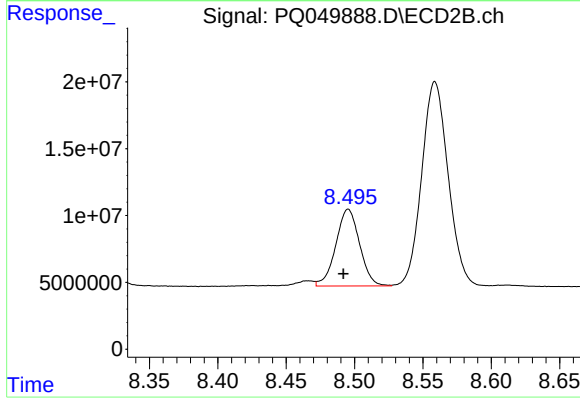
#37 AR-1262-2

R.T.: 8.208 min
Delta R.T.: 0.003 min
Response: 295643702
Conc: 410.38 ng/ml



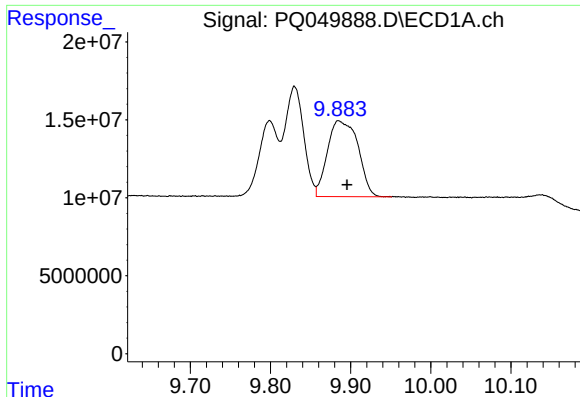
#38 AR-1262-3

R.T.: 9.799 min
Delta R.T.: 0.005 min
Response: 76466954
Conc: 236.53 ng/ml



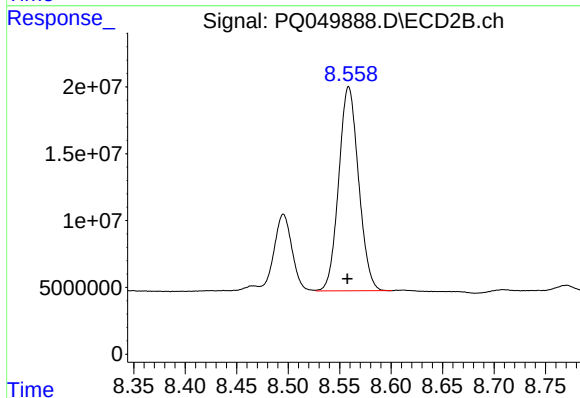
#38 AR-1262-3

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 69633145
Conc: 244.49 ng/ml



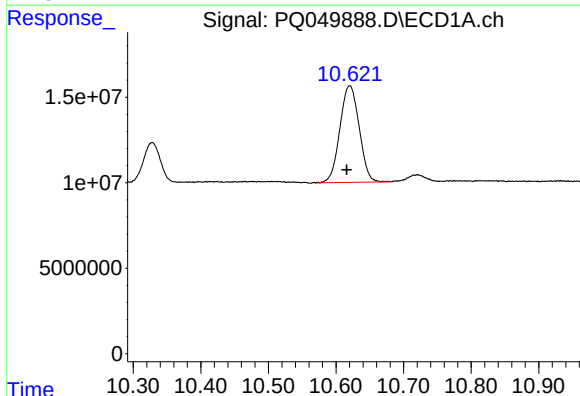
#39 AR-1262-4

R.T.: 9.885 min
Delta R.T.: -0.011 min
Response: 128993128
Conc: 329.46 ng/ml



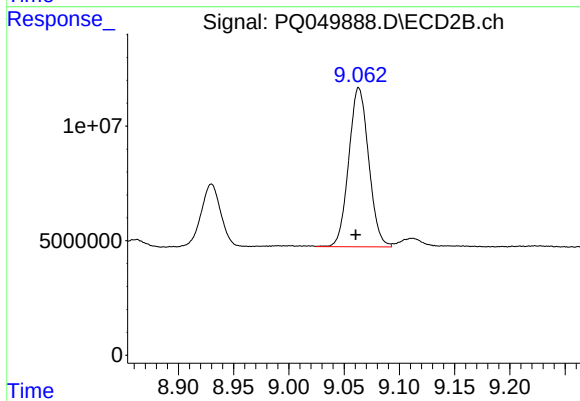
#39 AR-1262-4

R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 205164378
Conc: 420.08 ng/ml



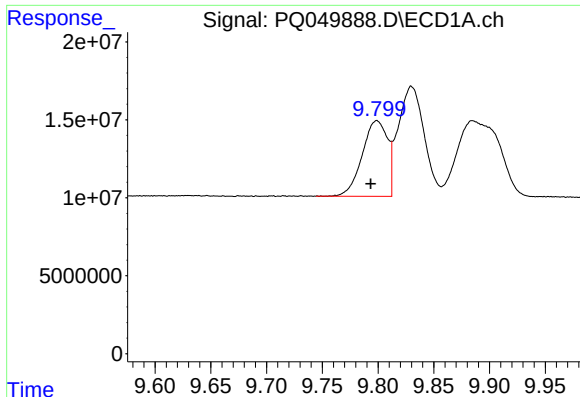
#40 AR-1262-5

R.T.: 10.620 min
Delta R.T.: 0.004 min
Response: 112120054
Conc: 379.74 ng/ml



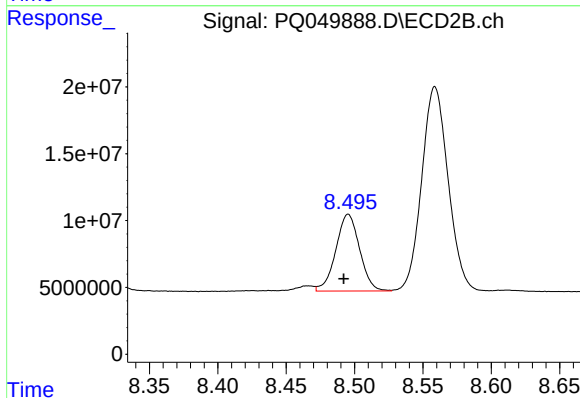
#40 AR-1262-5

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 87237245
Conc: 360.03 ng/ml



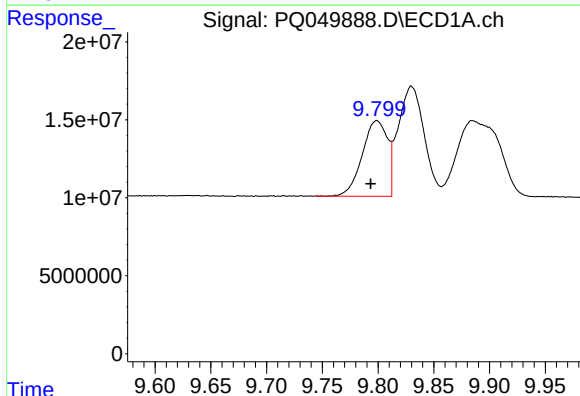
#41 AR-1268-1

R.T.: 9.799 min
Delta R.T.: 0.006 min
Response: 76466954
Conc: 86.46 ng/ml



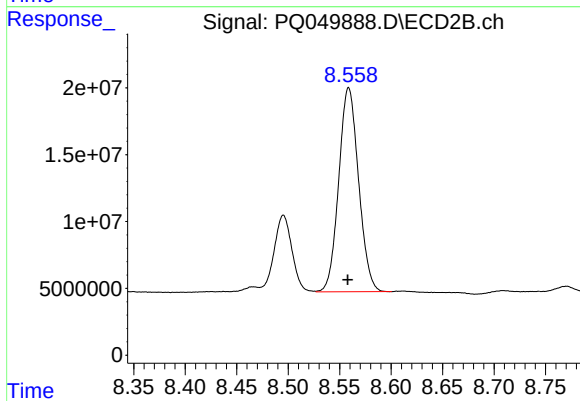
#41 AR-1268-1

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 69633145
Conc: 76.79 ng/ml



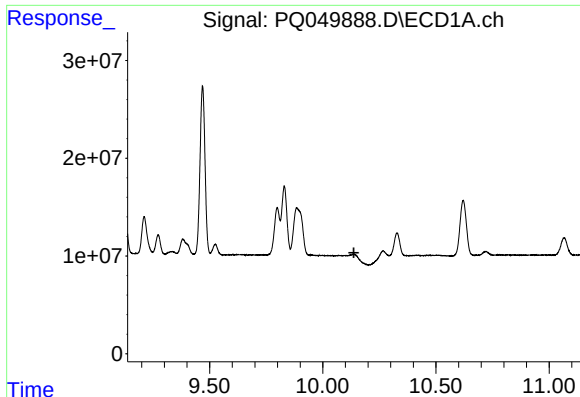
#42 AR-1268-2

R.T.: 9.799 min
Delta R.T.: 0.006 min
Response: 76466954
Conc: 86.46 ng/ml



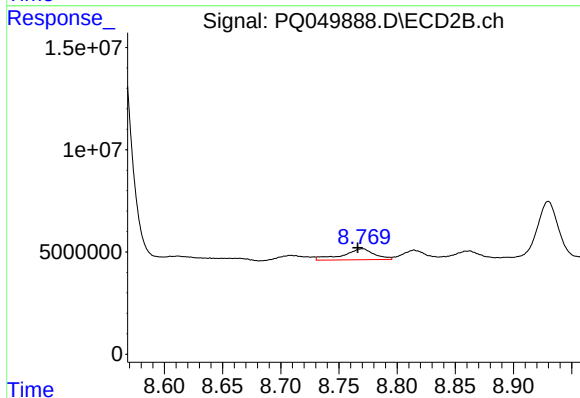
#42 AR-1268-2

R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 205164378
Conc: 267.72 ng/ml



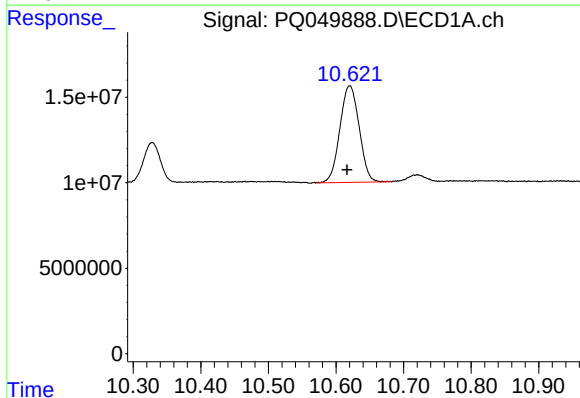
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.138 min
Response: 0
Conc: N.D.



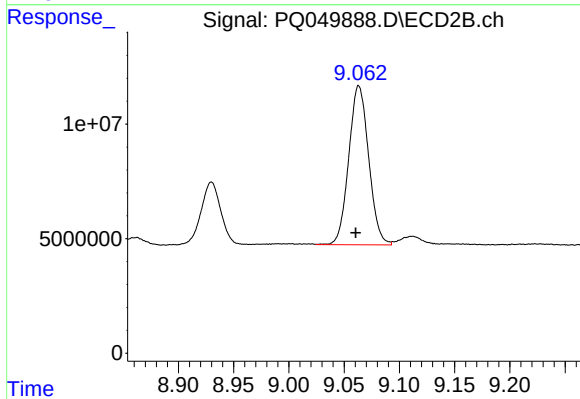
#43 AR-1268-3

R.T.: 8.770 min
Delta R.T.: 0.004 min
Response: 10145339
Conc: 14.94 ng/ml



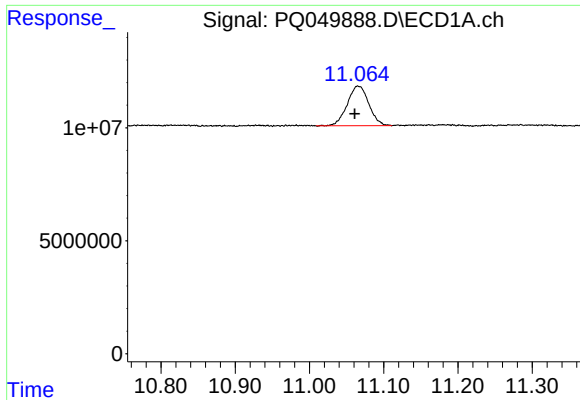
#44 AR-1268-4

R.T.: 10.620 min
Delta R.T.: 0.004 min
Response: 112120054
Conc: 334.18 ng/ml



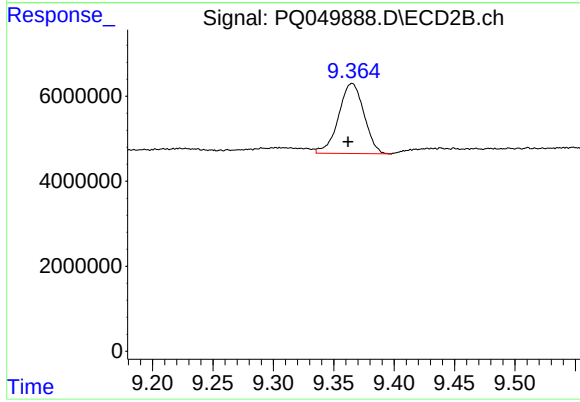
#44 AR-1268-4

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 87237245
Conc: 315.41 ng/ml



#45 AR-1268-5

R.T.: 11.065 min
Delta R.T.: 0.004 min
Response: 35197116
Conc: 16.30 ng/ml



#45 AR-1268-5

R.T.: 9.365 min
Delta R.T.: 0.003 min
Response: 24140340
Conc: 13.47 ng/ml