

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111720\
 Data File : PQ050975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2020 10:55
 Operator : DD\AJ
 Sample : PB133008BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 13:08:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110320CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 04 08:52:38 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.239	4.260	369.7E6	100.6E6	21.042	22.358
2)	SA Decachlor...	11.437	9.622	575.5E6	181.5E6	41.801	47.185
Target Compounds							
3)	L1 AR-1016-1	6.561	5.523	66451806	18827461	121.366	119.836
4)	L1 AR-1016-2	6.586	5.543	94833095	25929791	120.532	118.212
5)	L1 AR-1016-3	6.653	5.736	56907295	13564104	123.294	125.121
6)	L1 AR-1016-4	6.761	5.786	48228013	10982132	124.987	125.210
7)	L1 AR-1016-5	7.075	6.017	42790022	13572367	118.831	117.346
8)	L2 AR-1221-1	0.000	4.519	0	1589761	N.D.	34.527 #
9)	L2 AR-1221-2	5.590	4.618	10182305	2679626	84.977	86.105
10)	L2 AR-1221-3	5.676	4.708	30786634	9171431	76.341	81.943
11)	L3 AR-1232-1	5.676	4.708	30786634	9171431	97.824	103.161
12)	L3 AR-1232-2	6.268	5.543	45888876	25929791	295.955	289.572
13)	L3 AR-1232-3	6.586	5.736	94833095	13564104	300.927	309.591
14)	L3 AR-1232-4	6.761	5.832	48228013	12826902	309.472	344.956
15)	L3 AR-1232-5	6.856	6.017	39704725	13572367	367.368	316.943
16)	L4 AR-1242-1	6.561	5.523	66451806	18827461	139.410	141.608
17)	L4 AR-1242-2	6.561	5.543	66451806	25929791	97.276	138.961 #
18)	L4 AR-1242-3	6.653	5.736	56907295	13564104	139.294	145.195
19)	L4 AR-1242-4	6.761	5.832	48228013	12826902	142.947	141.278
20)	L4 AR-1242-5	7.473f	6.397	24297465	11224776	68.837	92.589 #
21)	L5 AR-1248-1	6.561	5.523	66451806	18827461	187.104	200.321
22)	L5 AR-1248-2	6.856	5.786	39704725	10982132	81.007	84.832
23)	L5 AR-1248-3	7.075	5.832	42790022	12826902	76.083	96.352 #
24)	L5 AR-1248-4	7.473	6.017	24297465	13572367	37.267	83.148 #
25)	L5 AR-1248-5	7.473f	6.439	24297465	1394836	38.717	8.458 #
26)	L6 AR-1254-1	7.473	6.397	24297465	11224776	36.012	40.925
27)	L6 AR-1254-2	7.700	6.555	33069969	10846445	31.956	46.081 #
28)	L6 AR-1254-3	8.085	6.996	21042242	20392488	18.762	51.326 #
29)	L6 AR-1254-4	8.378	7.214	9981288	2557517	12.422	10.452
30)	L6 AR-1254-5	8.808	7.645	103.3E6	39907402	119.157	116.963
31)	L7 AR-1260-1	8.251	7.114	74244293	29477892	117.964	142.322
32)	L7 AR-1260-2	8.514	7.309	87338209	35833837	113.861	139.217
33)	L7 AR-1260-3	8.881	7.466	52089542	32961884	86.975	138.928 #
34)	L7 AR-1260-4	9.126	7.951	63194518	21937132	88.561	108.426
35)	L7 AR-1260-5	9.473	8.196	132.8E6	53682197	87.562	105.867
36)	L8 AR-1262-1	8.881	7.645	52089542	39907402	52.843	221.913 #
37)	L8 AR-1262-2	9.473	8.196	132.8E6	53682197	69.143	80.534
38)	L8 AR-1262-3	9.831	8.486	86802148	10554973	105.573	43.221 #
39)	L8 AR-1262-4	9.887	8.548	46016737	37458217	95.356	78.529
40)	L8 AR-1262-5	10.624	9.055	32550811	16840859	47.591	79.637 #
41)	L9 AR-1268-1	9.831	8.486	86802148	10554973	36.182	13.195 #

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 Operator : DD\AJ
 Sample : PB133008BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

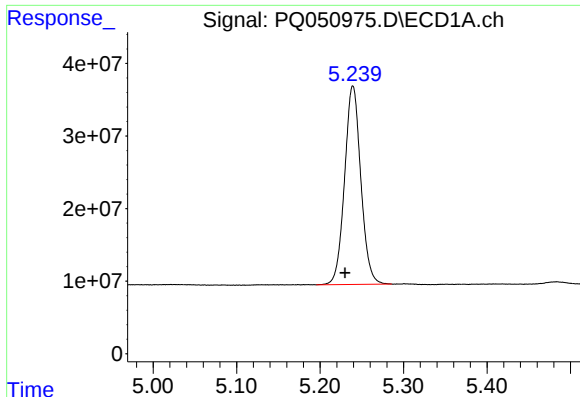
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 13:08:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110320CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.887	8.548	46016737	37458217	20.995	50.923 #
43) L9	AR-1268-3	0.000	8.764	0	36743	N.D.	0.060 #
44) L9	AR-1268-4	10.624	9.055	32550811	16840859	40.606	67.487 #
45) L9	AR-1268-5	11.073	0.000	13780527	0	2.098	N.D. #

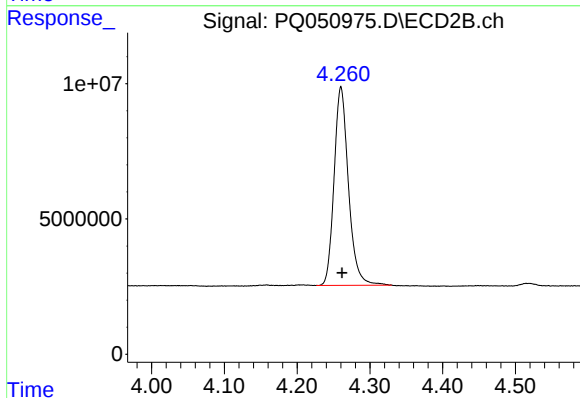
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

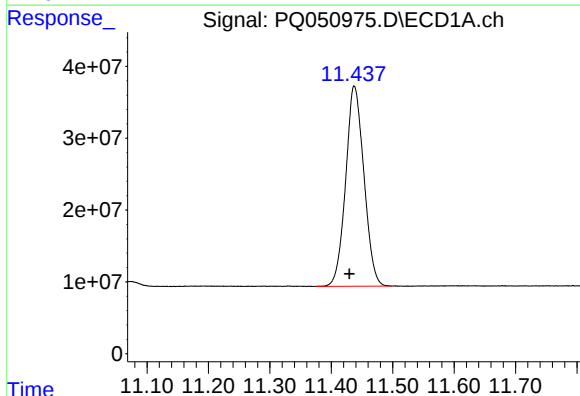
R.T.: 5.239 min
Delta R.T.: 0.009 min
Response: 369690543
Conc: 21.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



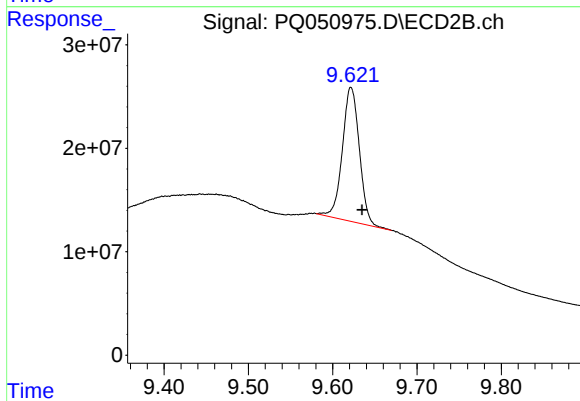
#1 Tetrachloro-m-xylene

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 100579980
Conc: 22.36 ng/ml



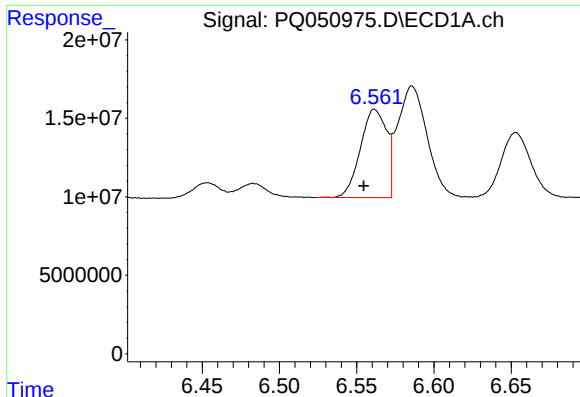
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: 0.008 min
Response: 575482815
Conc: 41.80 ng/ml



#2 Decachlorobiphenyl

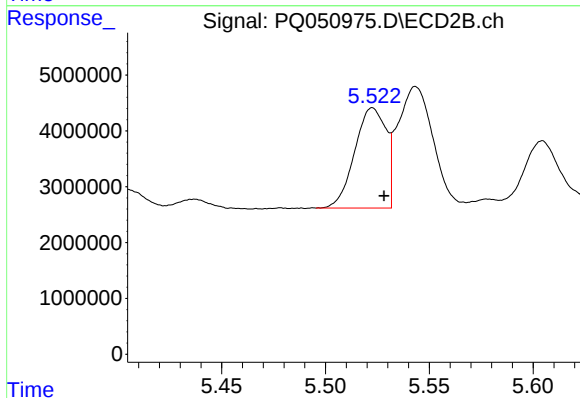
R.T.: 9.622 min
Delta R.T.: -0.013 min
Response: 181460121
Conc: 47.18 ng/ml



#3 AR-1016-1

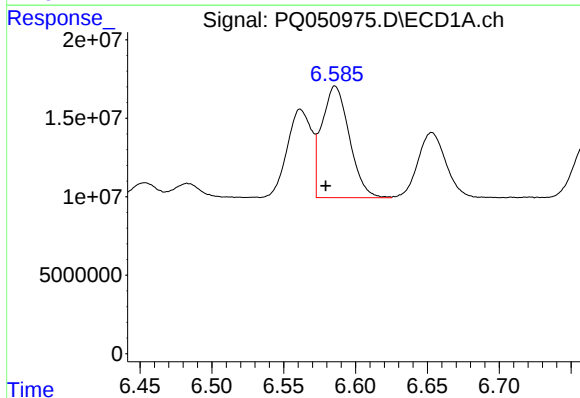
R.T.: 6.561 min
Delta R.T.: 0.007 min
Response: 66451806
Conc: 121.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



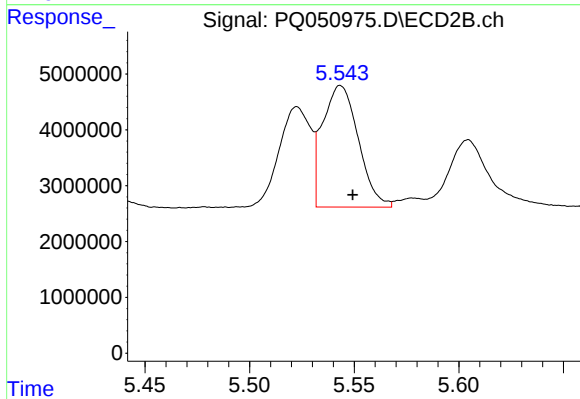
#3 AR-1016-1

R.T.: 5.523 min
Delta R.T.: -0.006 min
Response: 18827461
Conc: 119.84 ng/ml



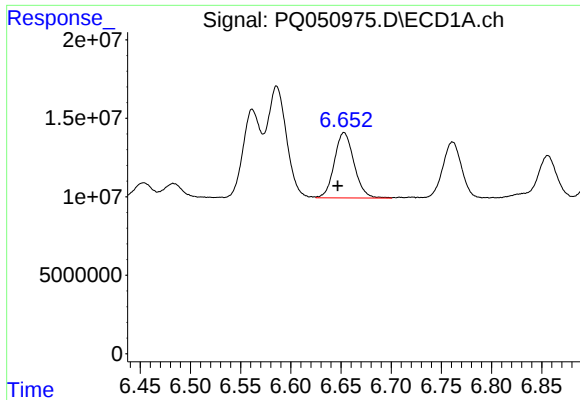
#4 AR-1016-2

R.T.: 6.586 min
Delta R.T.: 0.006 min
Response: 94833095
Conc: 120.53 ng/ml



#4 AR-1016-2

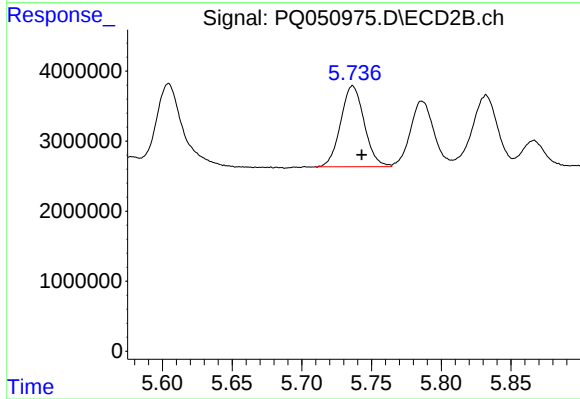
R.T.: 5.543 min
Delta R.T.: -0.006 min
Response: 25929791
Conc: 118.21 ng/ml



#5 AR-1016-3

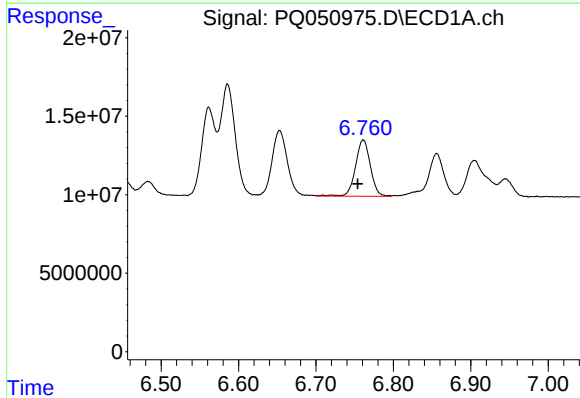
R.T.: 6.653 min
Delta R.T.: 0.006 min
Response: 56907295
Conc: 123.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



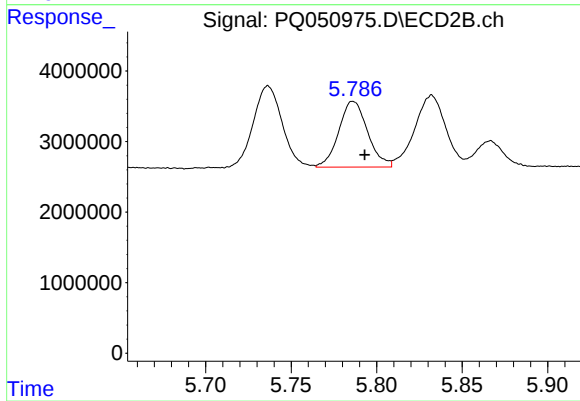
#5 AR-1016-3

R.T.: 5.736 min
Delta R.T.: -0.007 min
Response: 13564104
Conc: 125.12 ng/ml



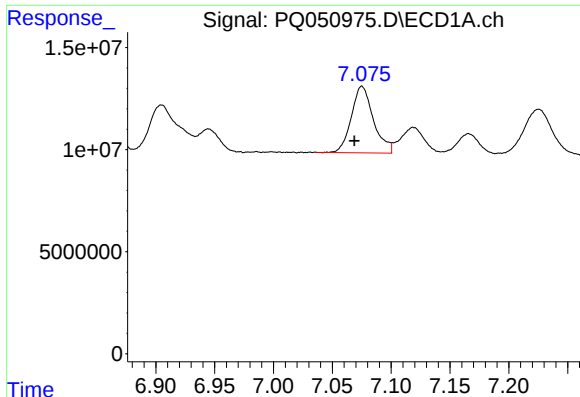
#6 AR-1016-4

R.T.: 6.761 min
Delta R.T.: 0.007 min
Response: 48228013
Conc: 124.99 ng/ml



#6 AR-1016-4

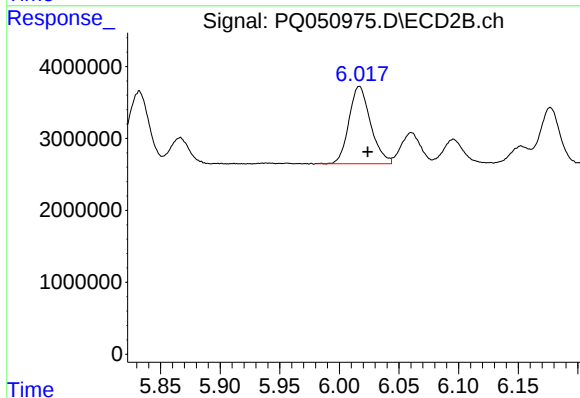
R.T.: 5.786 min
Delta R.T.: -0.007 min
Response: 10982132
Conc: 125.21 ng/ml



#7 AR-1016-5

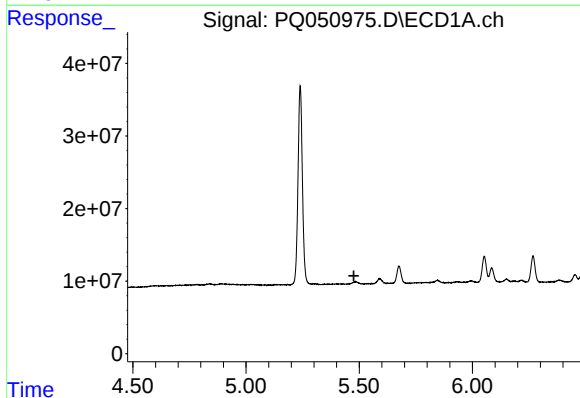
R.T.: 7.075 min
Delta R.T.: 0.006 min
Response: 42790022
Conc: 118.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



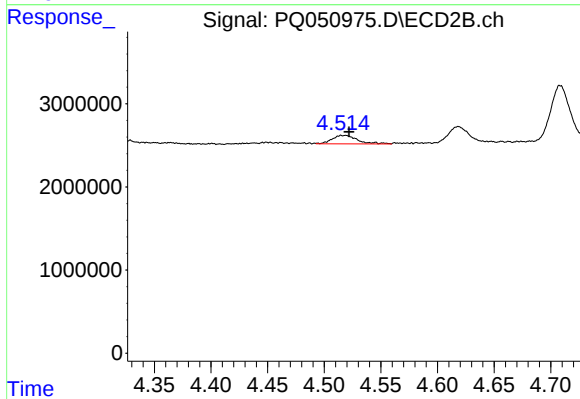
#7 AR-1016-5

R.T.: 6.017 min
Delta R.T.: -0.007 min
Response: 13572367
Conc: 117.35 ng/ml



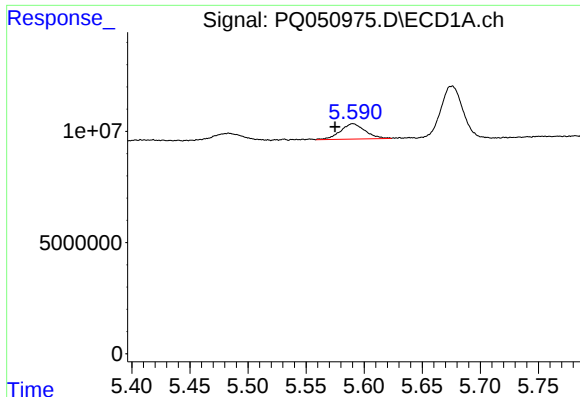
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#8 AR-1221-1

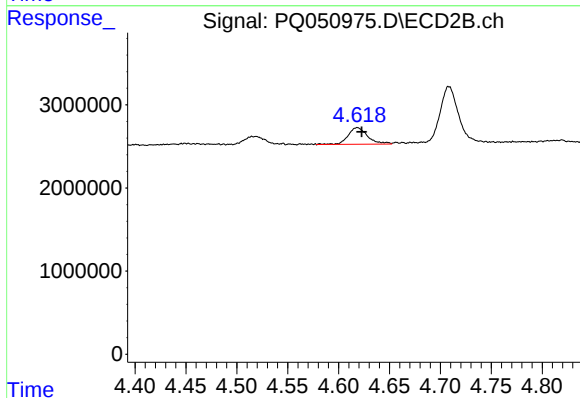
R.T.: 4.519 min
Delta R.T.: -0.003 min
Response: 1589761
Conc: 34.53 ng/ml



#9 AR-1221-2

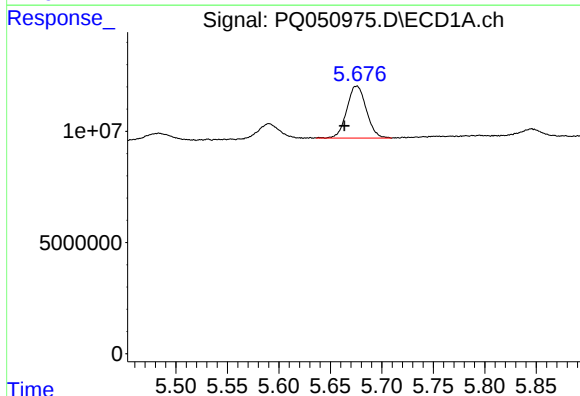
R.T.: 5.590 min
Delta R.T.: 0.015 min
Response: 10182305
Conc: 84.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



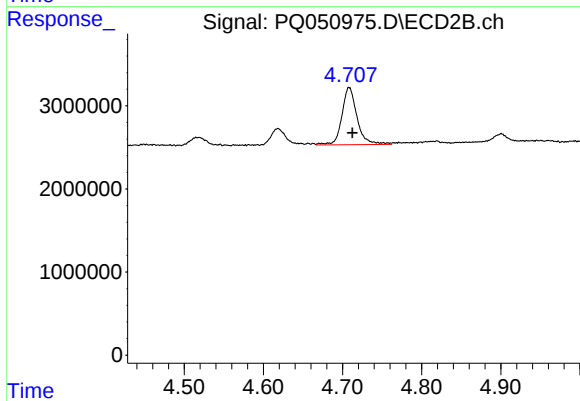
#9 AR-1221-2

R.T.: 4.618 min
Delta R.T.: -0.005 min
Response: 2679626
Conc: 86.10 ng/ml



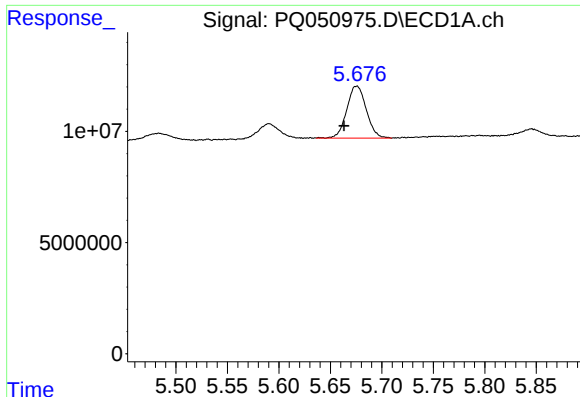
#10 AR-1221-3

R.T.: 5.676 min
Delta R.T.: 0.013 min
Response: 30786634
Conc: 76.34 ng/ml



#10 AR-1221-3

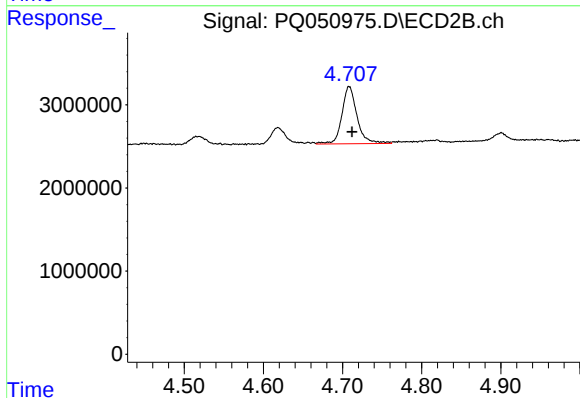
R.T.: 4.708 min
Delta R.T.: -0.004 min
Response: 9171431
Conc: 81.94 ng/ml



#11 AR-1232-1

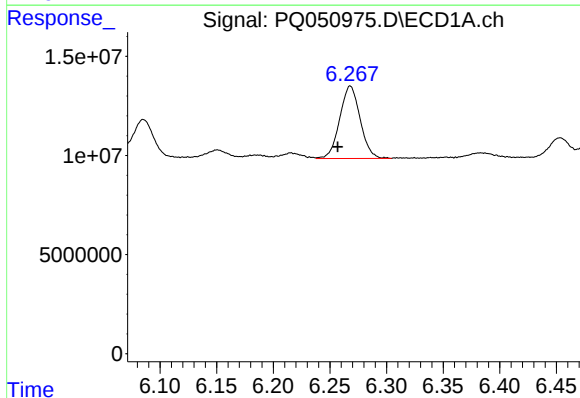
R.T.: 5.676 min
Delta R.T.: 0.013 min
Response: 30786634
Conc: 97.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



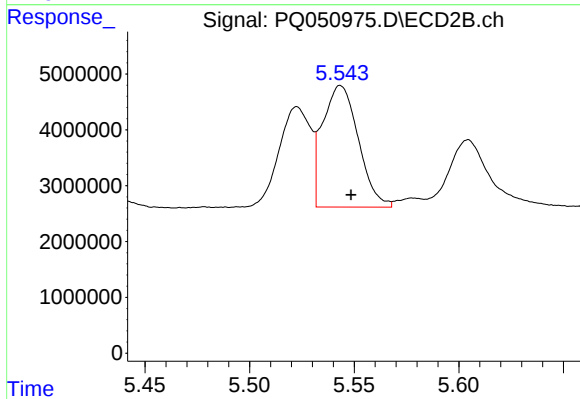
#11 AR-1232-1

R.T.: 4.708 min
Delta R.T.: -0.004 min
Response: 9171431
Conc: 103.16 ng/ml



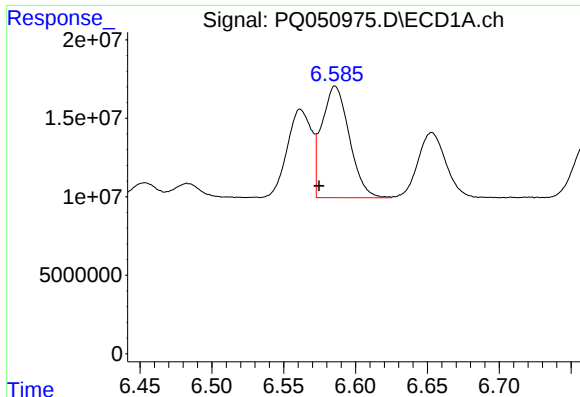
#12 AR-1232-2

R.T.: 6.268 min
Delta R.T.: 0.011 min
Response: 45888876
Conc: 295.95 ng/ml



#12 AR-1232-2

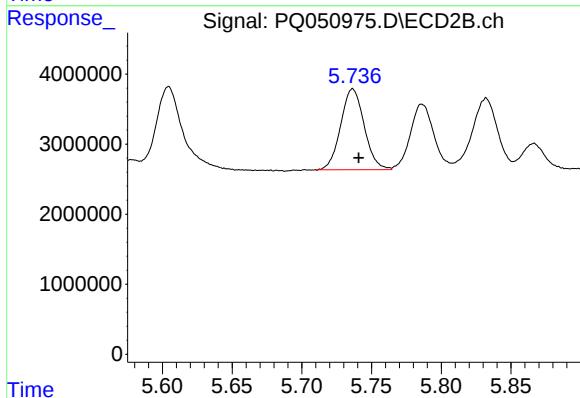
R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 25929791
Conc: 289.57 ng/ml



#13 AR-1232-3

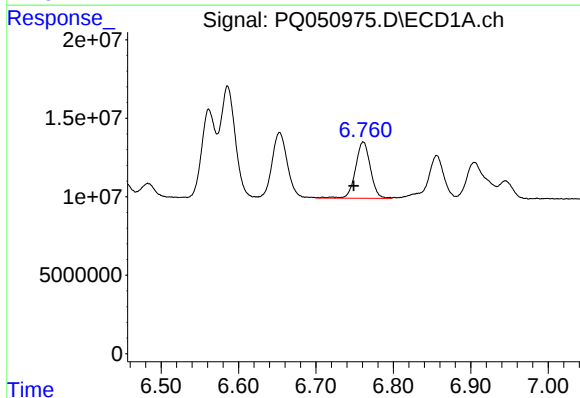
R.T.: 6.586 min
Delta R.T.: 0.011 min
Response: 94833095
Conc: 300.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



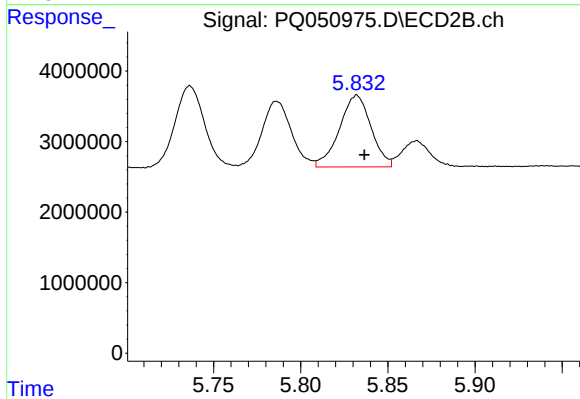
#13 AR-1232-3

R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 13564104
Conc: 309.59 ng/ml



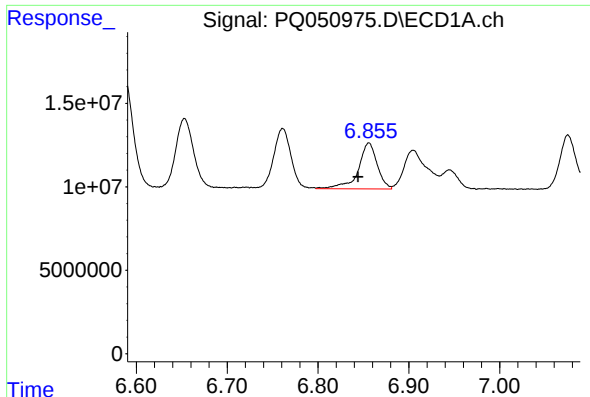
#14 AR-1232-4

R.T.: 6.761 min
Delta R.T.: 0.012 min
Response: 48228013
Conc: 309.47 ng/ml



#14 AR-1232-4

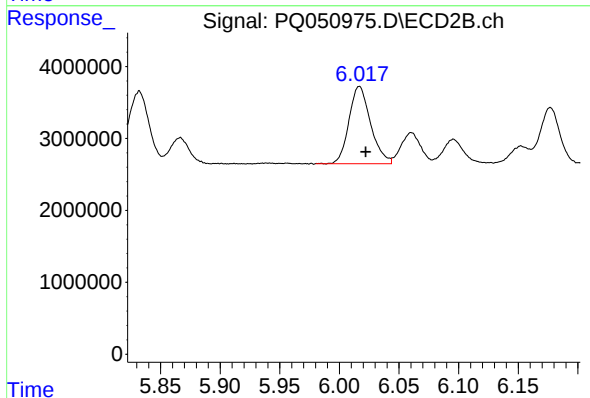
R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 12826902
Conc: 344.96 ng/ml



#15 AR-1232-5

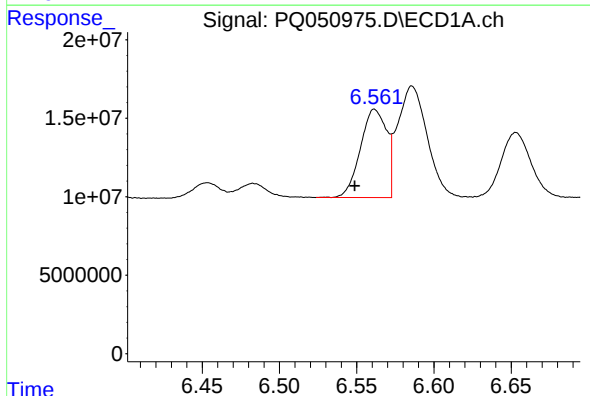
R.T.: 6.856 min
Delta R.T.: 0.012 min
Response: 39704725
Conc: 367.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



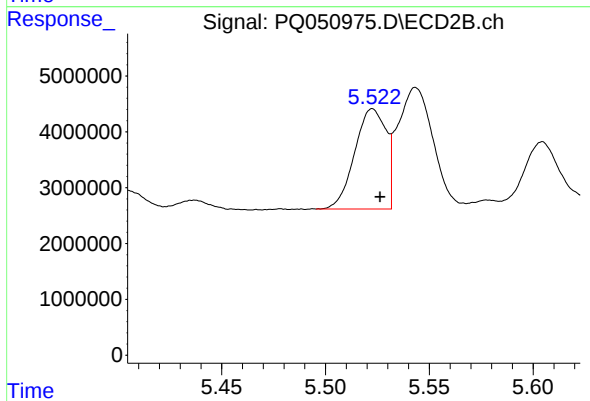
#15 AR-1232-5

R.T.: 6.017 min
Delta R.T.: -0.006 min
Response: 13572367
Conc: 316.94 ng/ml



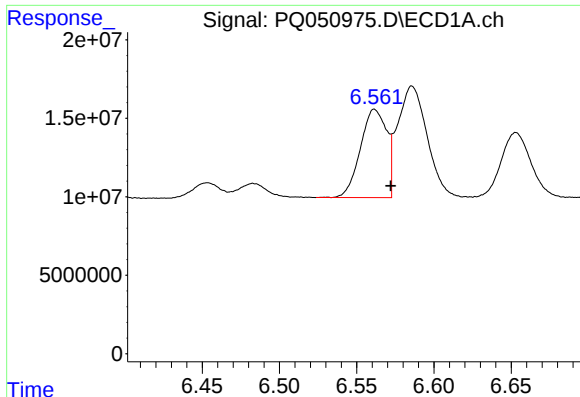
#16 AR-1242-1

R.T.: 6.561 min
Delta R.T.: 0.013 min
Response: 66451806
Conc: 139.41 ng/ml



#16 AR-1242-1

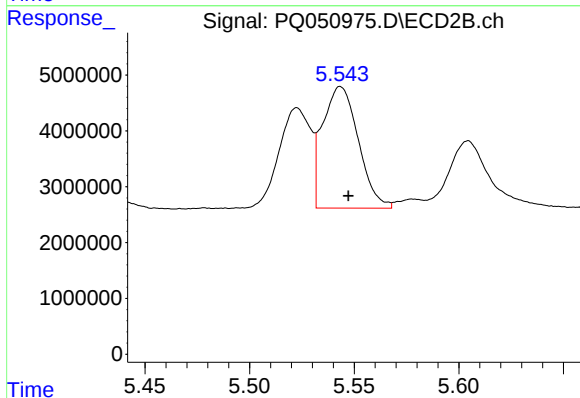
R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 18827461
Conc: 141.61 ng/ml



#17 AR-1242-2

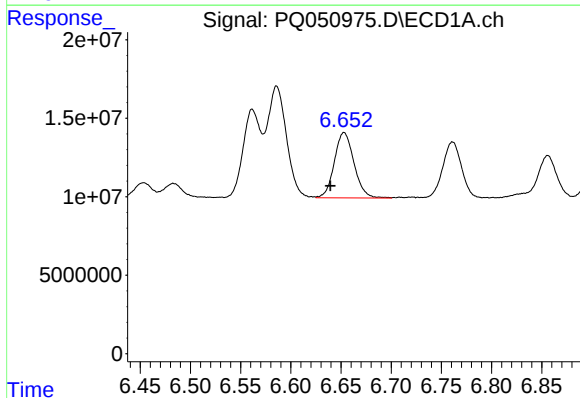
R.T.: 6.561 min
Delta R.T.: -0.011 min
Response: 66451806
Conc: 97.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



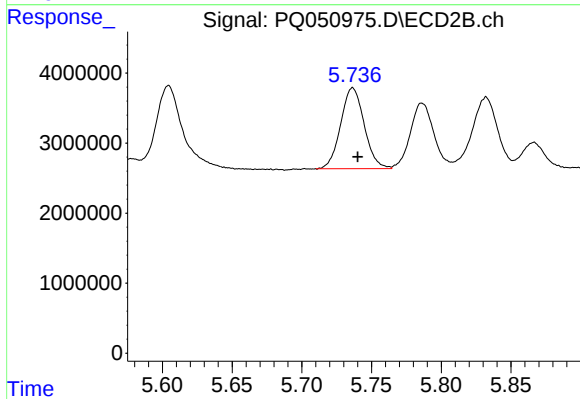
#17 AR-1242-2

R.T.: 5.543 min
Delta R.T.: -0.004 min
Response: 25929791
Conc: 138.96 ng/ml



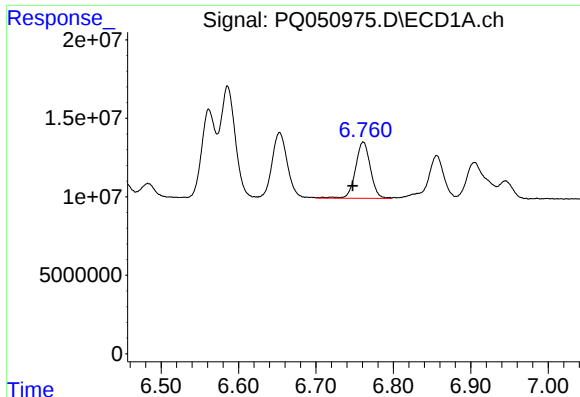
#18 AR-1242-3

R.T.: 6.653 min
Delta R.T.: 0.014 min
Response: 56907295
Conc: 139.29 ng/ml



#18 AR-1242-3

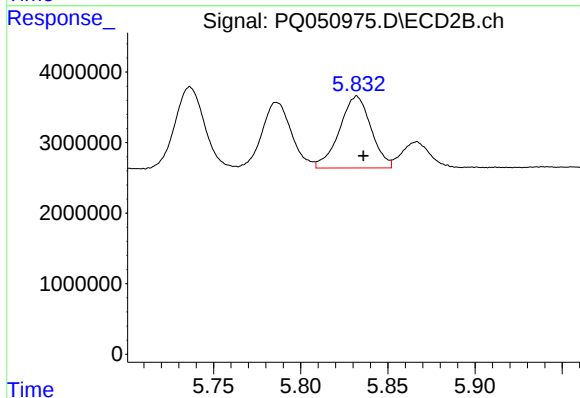
R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 13564104
Conc: 145.19 ng/ml



#19 AR-1242-4

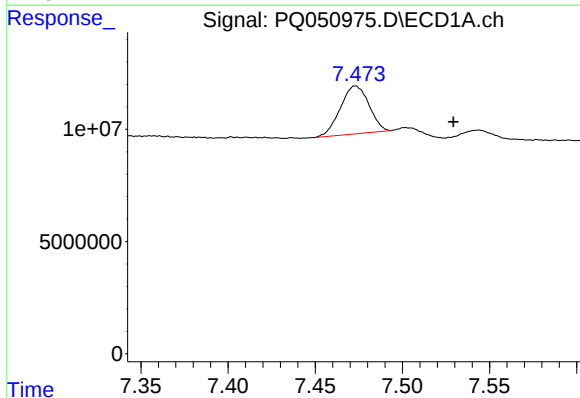
R.T.: 6.761 min
Delta R.T.: 0.014 min
Response: 48228013
Conc: 142.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



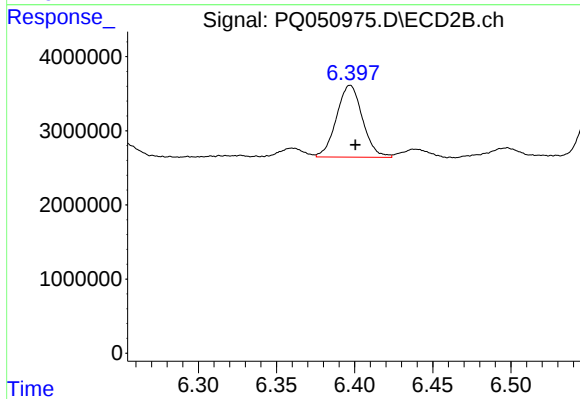
#19 AR-1242-4

R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 12826902
Conc: 141.28 ng/ml



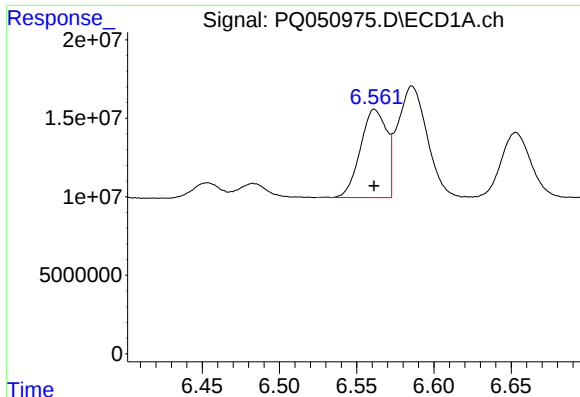
#20 AR-1242-5

R.T.: 7.473 min
Delta R.T.: -0.056 min
Response: 24297465
Conc: 68.84 ng/ml



#20 AR-1242-5

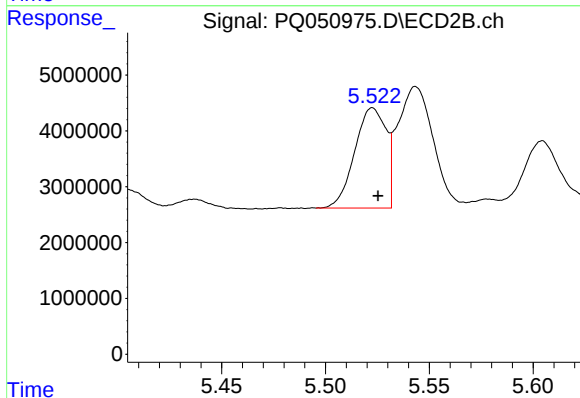
R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 11224776
Conc: 92.59 ng/ml



#21 AR-1248-1

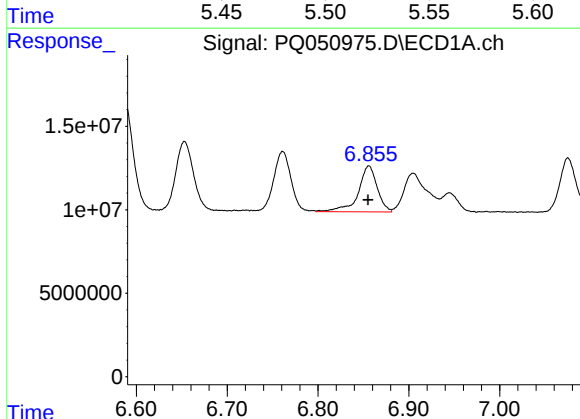
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 66451806
Conc: 187.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



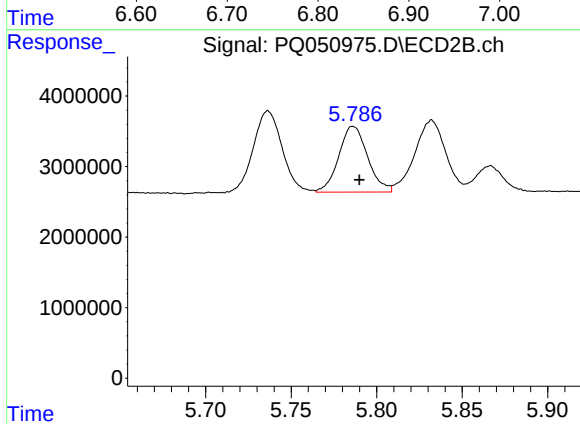
#21 AR-1248-1

R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 18827461
Conc: 200.32 ng/ml



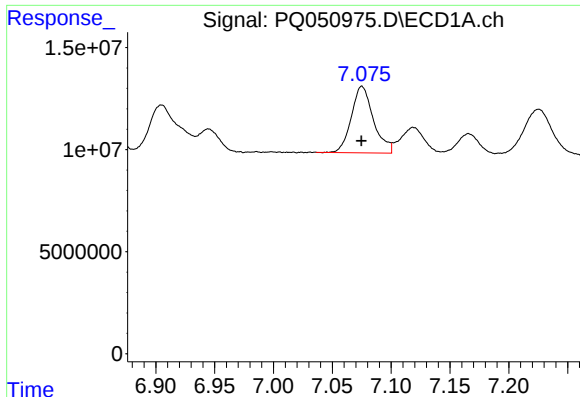
#22 AR-1248-2

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 39704725
Conc: 81.01 ng/ml



#22 AR-1248-2

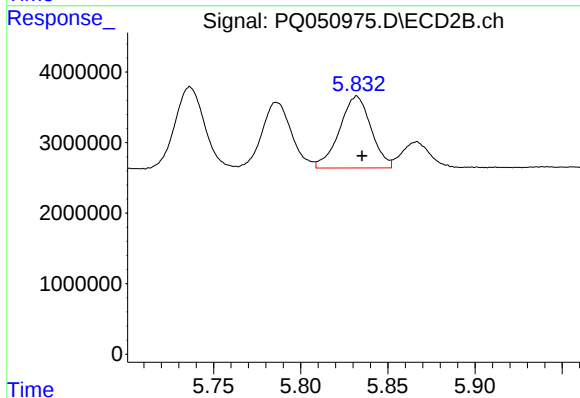
R.T.: 5.786 min
Delta R.T.: -0.004 min
Response: 10982132
Conc: 84.83 ng/ml



#23 AR-1248-3

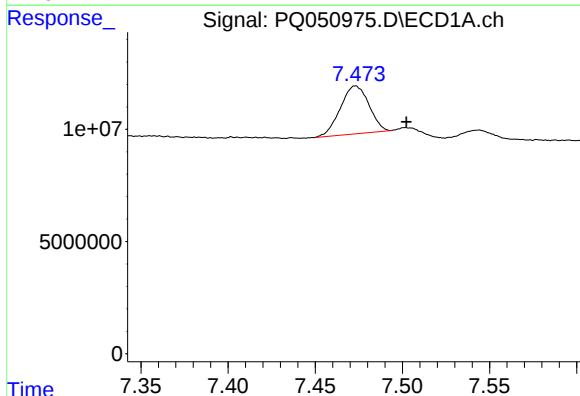
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 42790022
Conc: 76.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



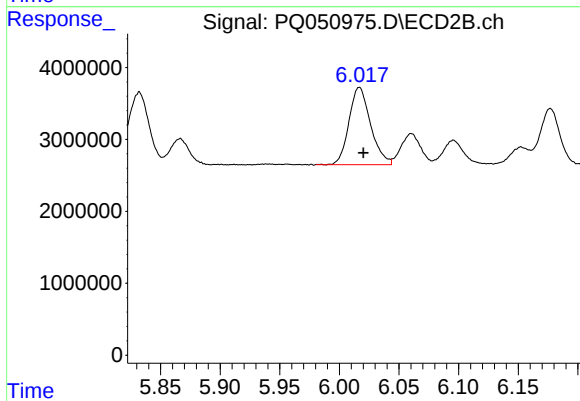
#23 AR-1248-3

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 12826902
Conc: 96.35 ng/ml



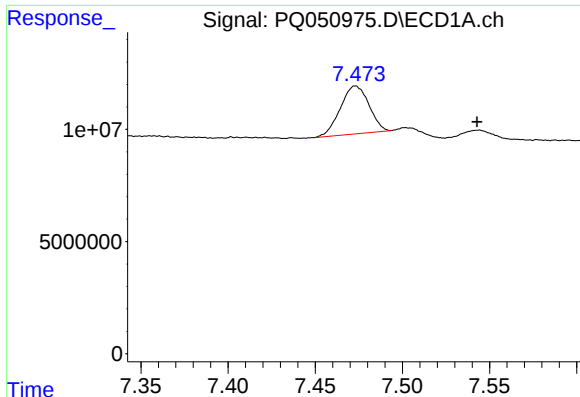
#24 AR-1248-4

R.T.: 7.473 min
Delta R.T.: -0.029 min
Response: 24297465
Conc: 37.27 ng/ml



#24 AR-1248-4

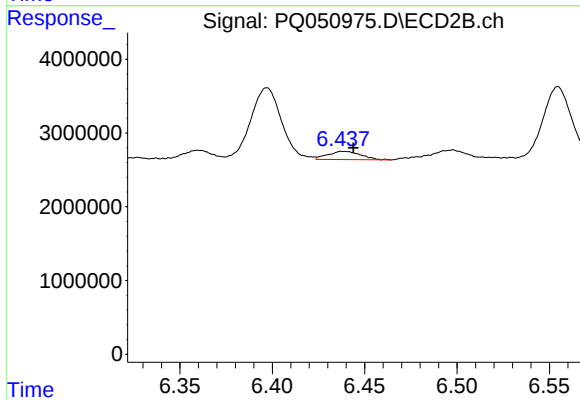
R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 13572367
Conc: 83.15 ng/ml



#25 AR-1248-5

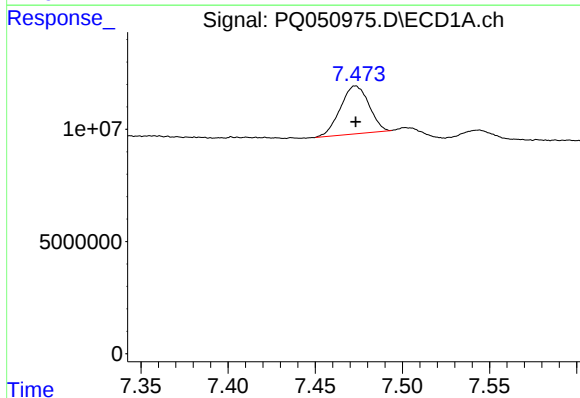
R.T.: 7.473 min
Delta R.T.: -0.070 min
Response: 24297465
Conc: 38.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



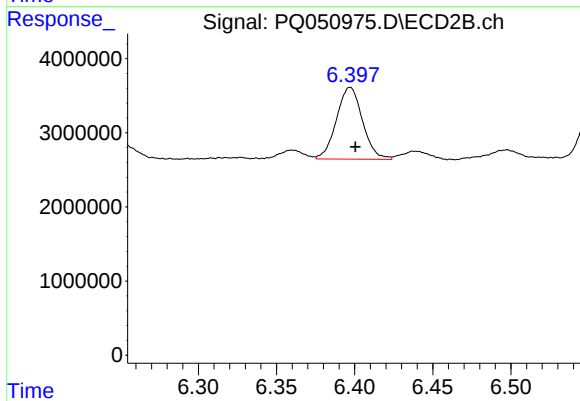
#25 AR-1248-5

R.T.: 6.439 min
Delta R.T.: -0.005 min
Response: 1394836
Conc: 8.46 ng/ml



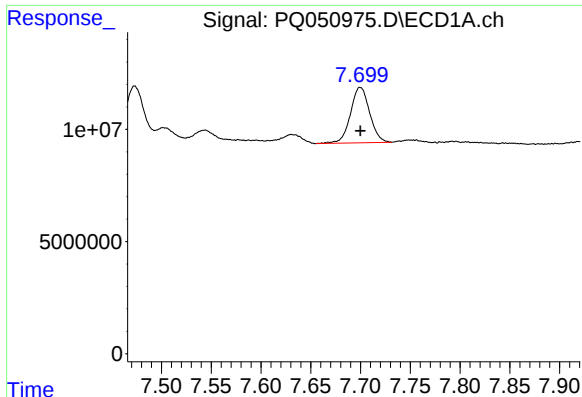
#26 AR-1254-1

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 24297465
Conc: 36.01 ng/ml



#26 AR-1254-1

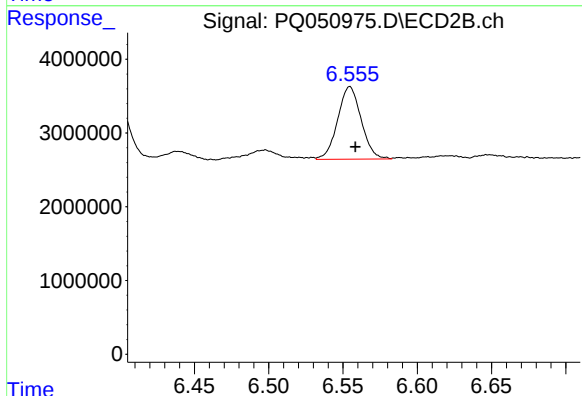
R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 11224776
Conc: 40.92 ng/ml



#27 AR-1254-2

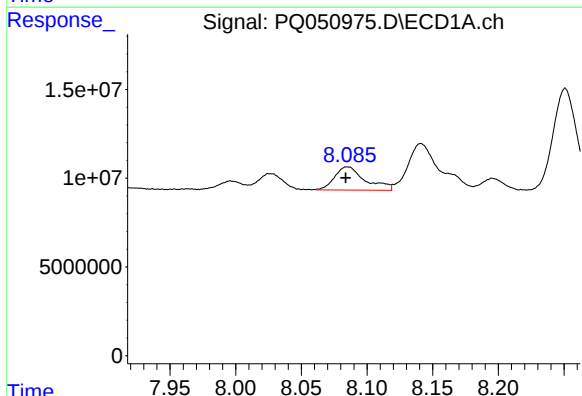
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 33069969
Conc: 31.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



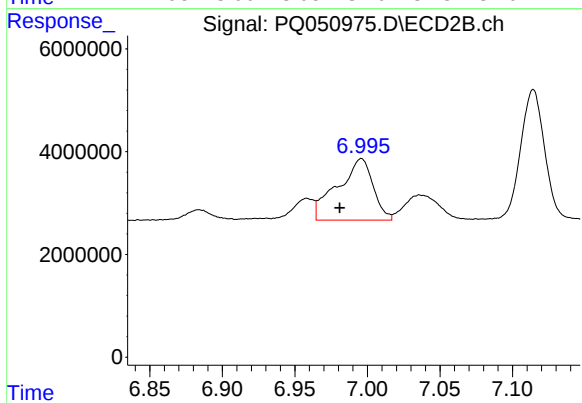
#27 AR-1254-2

R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 10846445
Conc: 46.08 ng/ml



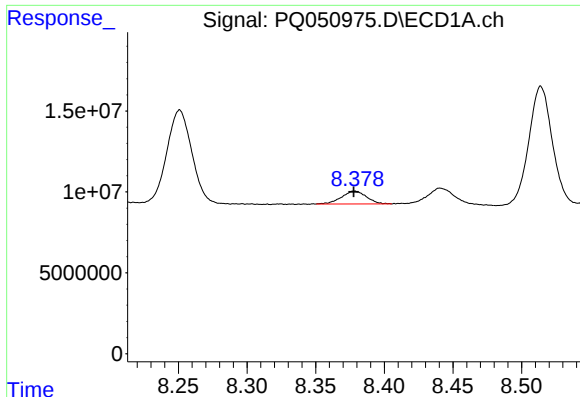
#28 AR-1254-3

R.T.: 8.085 min
Delta R.T.: 0.001 min
Response: 21042242
Conc: 18.76 ng/ml



#28 AR-1254-3

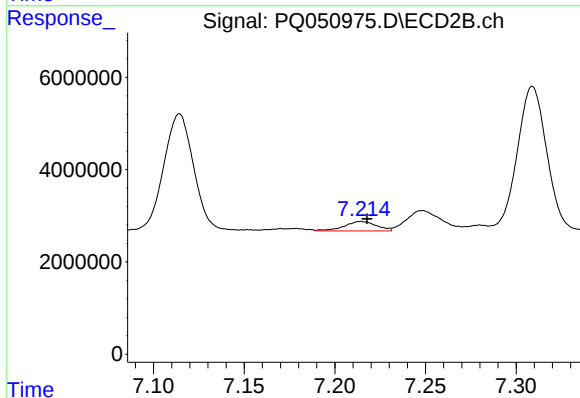
R.T.: 6.996 min
Delta R.T.: 0.015 min
Response: 20392488
Conc: 51.33 ng/ml



#29 AR-1254-4

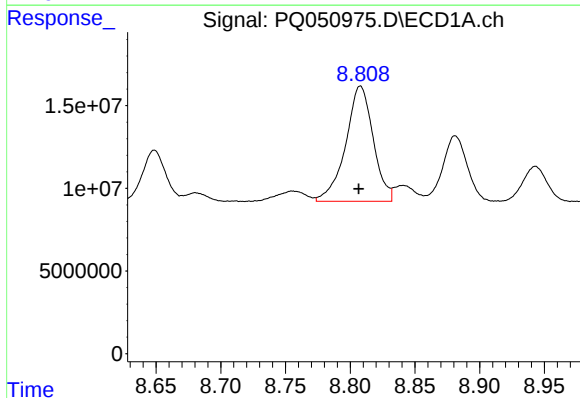
R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 9981288
Conc: 12.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



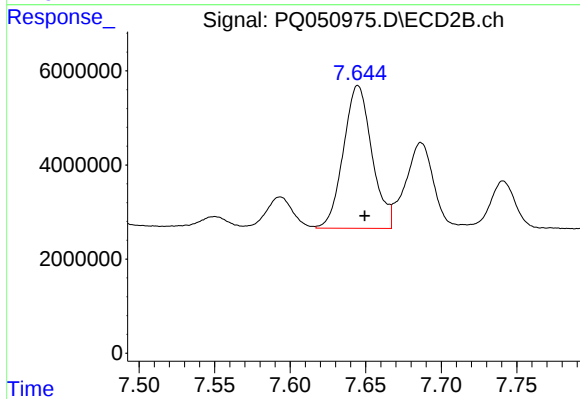
#29 AR-1254-4

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 2557517
Conc: 10.45 ng/ml



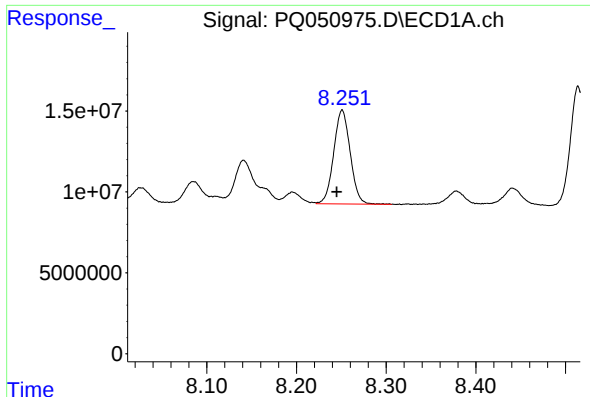
#30 AR-1254-5

R.T.: 8.808 min
Delta R.T.: 0.001 min
Response: 103258520
Conc: 119.16 ng/ml



#30 AR-1254-5

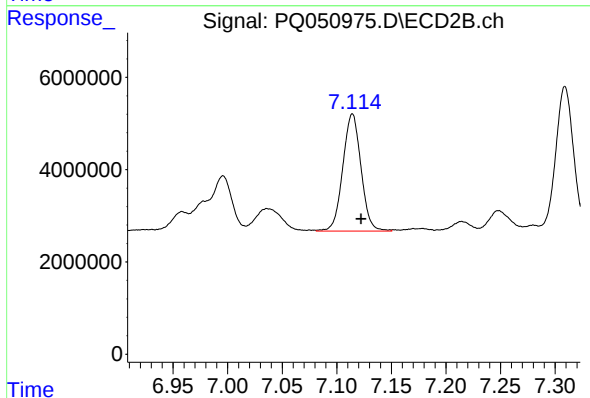
R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 39907402
Conc: 116.96 ng/ml



#31 AR-1260-1

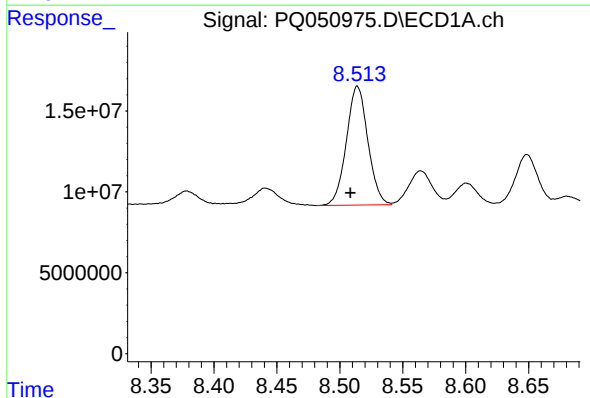
R.T.: 8.251 min
Delta R.T.: 0.006 min
Response: 74244293
Conc: 117.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



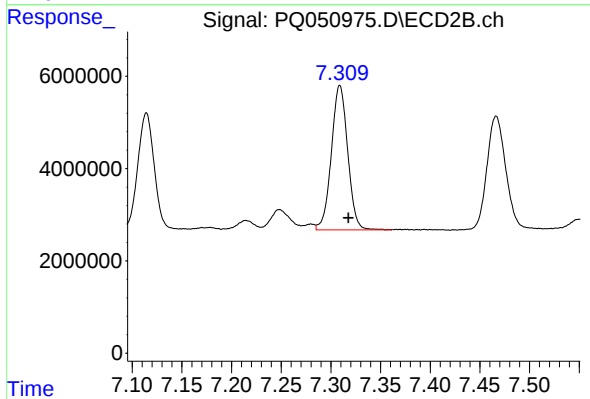
#31 AR-1260-1

R.T.: 7.114 min
Delta R.T.: -0.008 min
Response: 29477892
Conc: 142.32 ng/ml



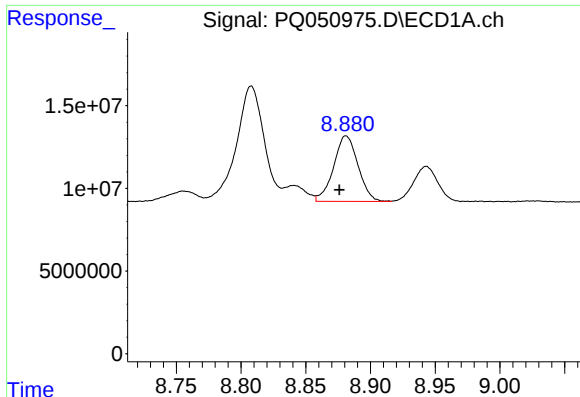
#32 AR-1260-2

R.T.: 8.514 min
Delta R.T.: 0.005 min
Response: 87338209
Conc: 113.86 ng/ml



#32 AR-1260-2

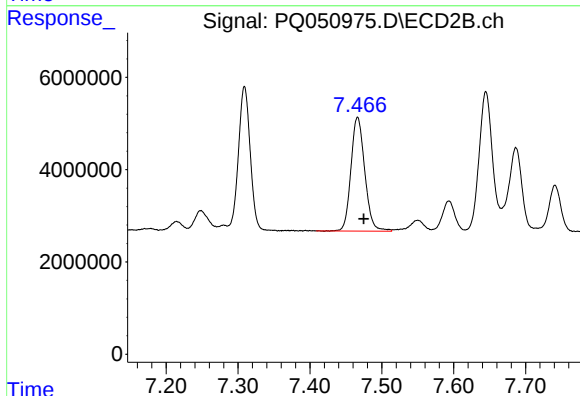
R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 35833837
Conc: 139.22 ng/ml



#33 AR-1260-3

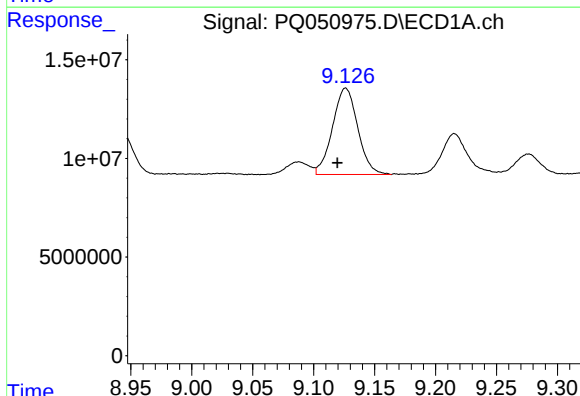
R.T.: 8.881 min
Delta R.T.: 0.005 min
Response: 52089542
Conc: 86.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



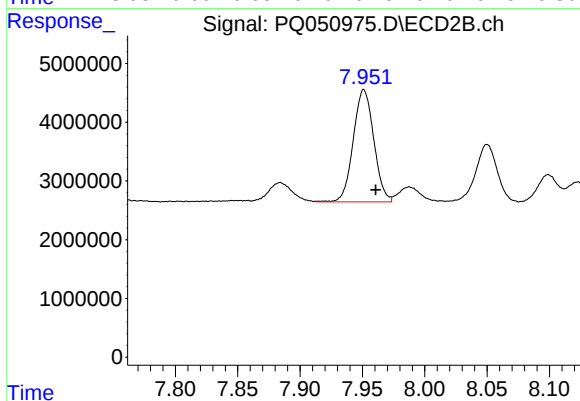
#33 AR-1260-3

R.T.: 7.466 min
Delta R.T.: -0.008 min
Response: 32961884
Conc: 138.93 ng/ml



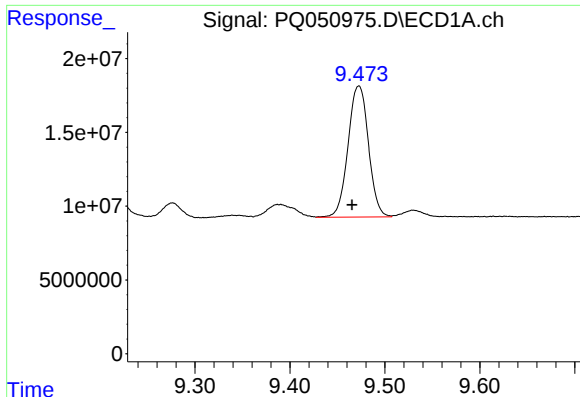
#34 AR-1260-4

R.T.: 9.126 min
Delta R.T.: 0.007 min
Response: 63194518
Conc: 88.56 ng/ml



#34 AR-1260-4

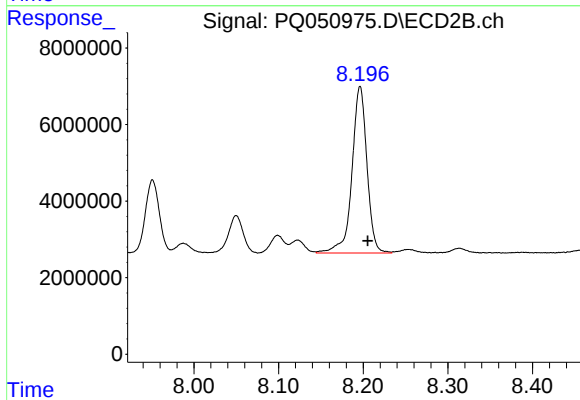
R.T.: 7.951 min
Delta R.T.: -0.010 min
Response: 21937132
Conc: 108.43 ng/ml



#35 AR-1260-5

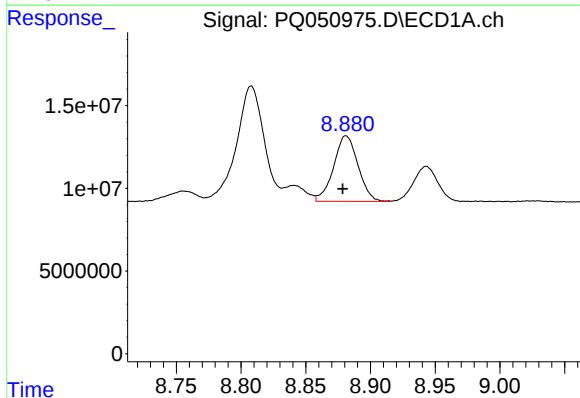
R.T.: 9.473 min
Delta R.T.: 0.007 min
Response: 132813254
Conc: 87.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



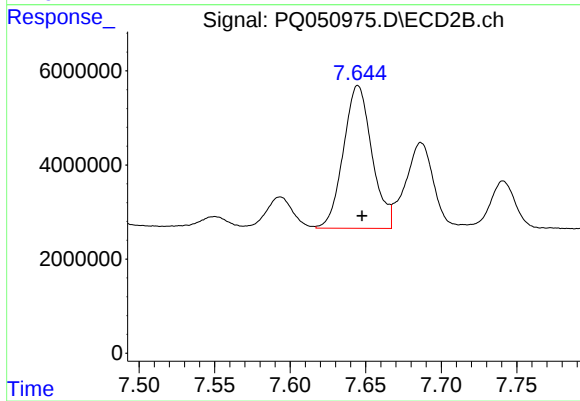
#35 AR-1260-5

R.T.: 8.196 min
Delta R.T.: -0.009 min
Response: 53682197
Conc: 105.87 ng/ml



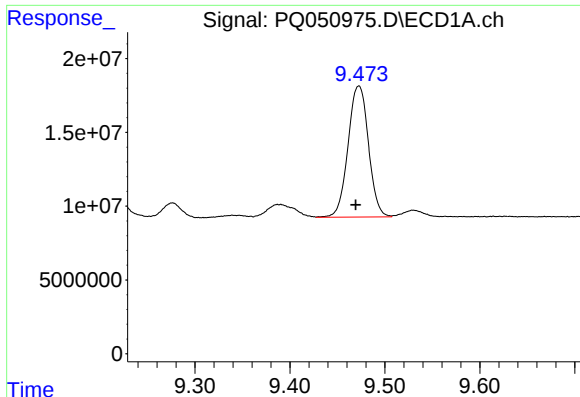
#36 AR-1262-1

R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 52089542
Conc: 52.84 ng/ml



#36 AR-1262-1

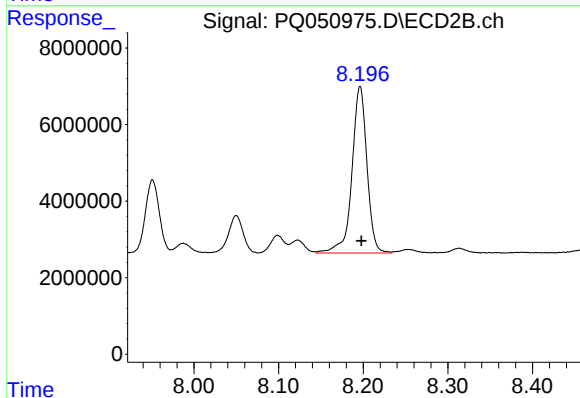
R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 39907402
Conc: 221.91 ng/ml



#37 AR-1262-2

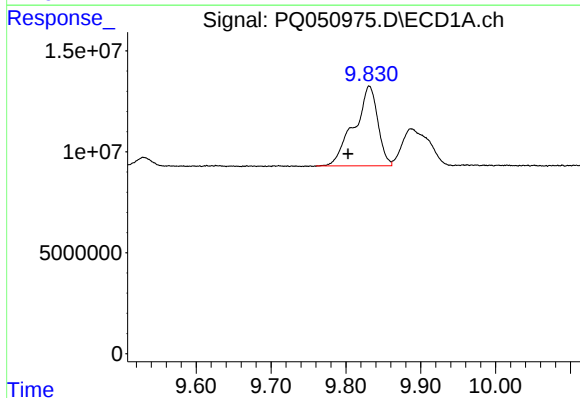
R.T.: 9.473 min
Delta R.T.: 0.003 min
Response: 132813254
Conc: 69.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



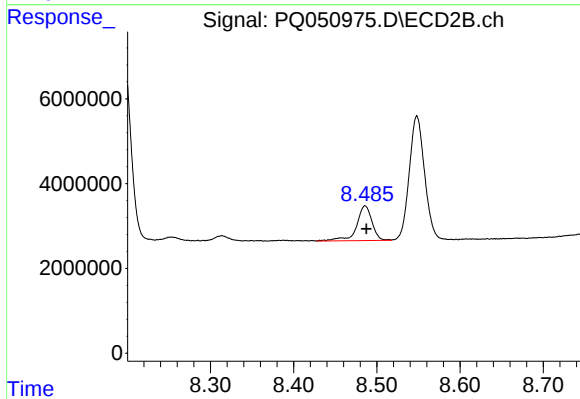
#37 AR-1262-2

R.T.: 8.196 min
Delta R.T.: -0.002 min
Response: 53682197
Conc: 80.53 ng/ml



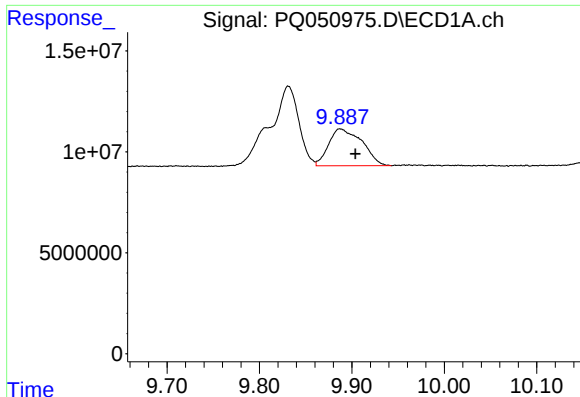
#38 AR-1262-3

R.T.: 9.831 min
Delta R.T.: 0.028 min
Response: 86802148
Conc: 105.57 ng/ml



#38 AR-1262-3

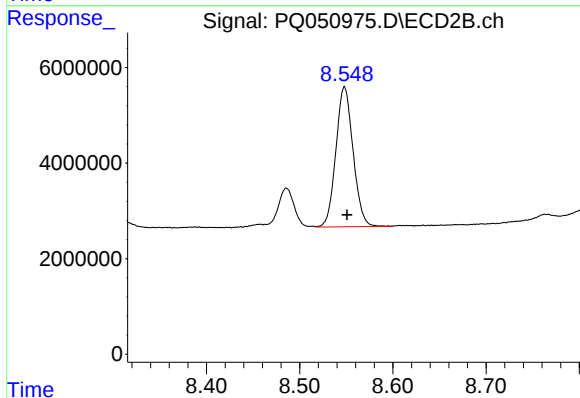
R.T.: 8.486 min
Delta R.T.: -0.001 min
Response: 10554973
Conc: 43.22 ng/ml



#39 AR-1262-4

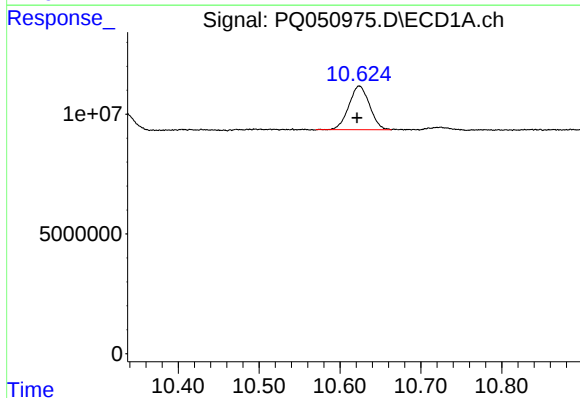
R.T.: 9.887 min
Delta R.T.: -0.017 min
Response: 46016737
Conc: 95.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



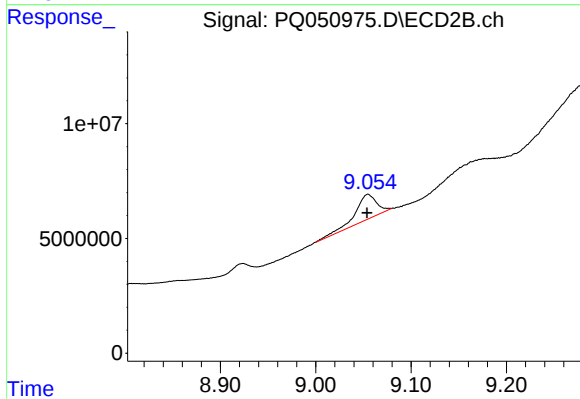
#39 AR-1262-4

R.T.: 8.548 min
Delta R.T.: -0.003 min
Response: 37458217
Conc: 78.53 ng/ml



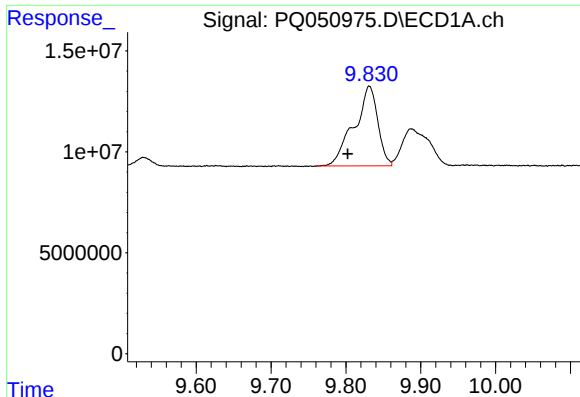
#40 AR-1262-5

R.T.: 10.624 min
Delta R.T.: 0.003 min
Response: 32550811
Conc: 47.59 ng/ml



#40 AR-1262-5

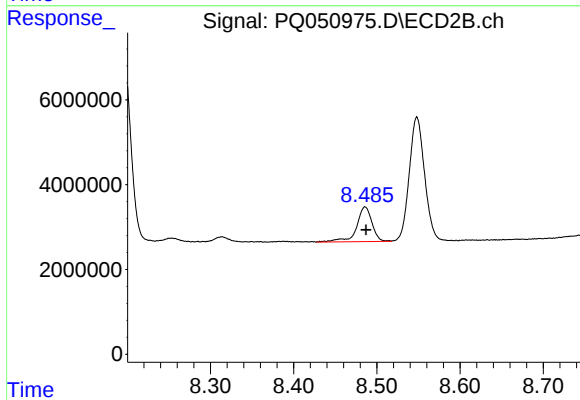
R.T.: 9.055 min
Delta R.T.: 0.001 min
Response: 16840859
Conc: 79.64 ng/ml



#41 AR-1268-1

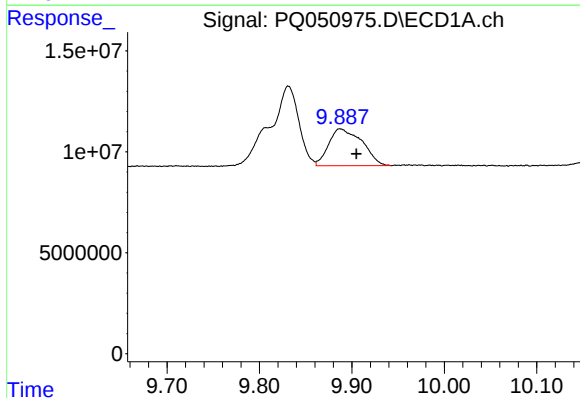
R.T.: 9.831 min
Delta R.T.: 0.029 min
Response: 86802148
Conc: 36.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



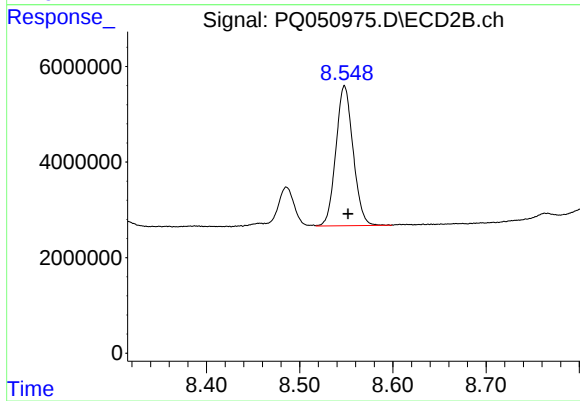
#41 AR-1268-1

R.T.: 8.486 min
Delta R.T.: -0.001 min
Response: 10554973
Conc: 13.20 ng/ml



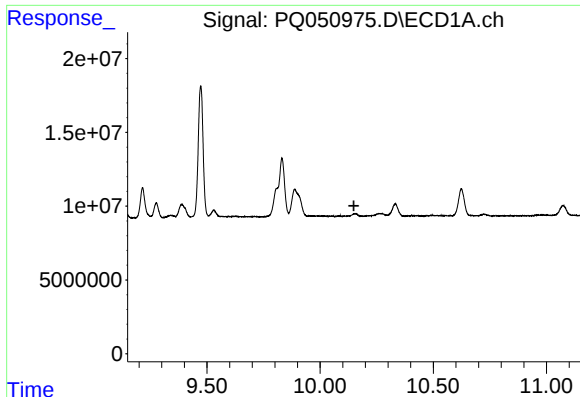
#42 AR-1268-2

R.T.: 9.887 min
Delta R.T.: -0.018 min
Response: 46016737
Conc: 21.00 ng/ml



#42 AR-1268-2

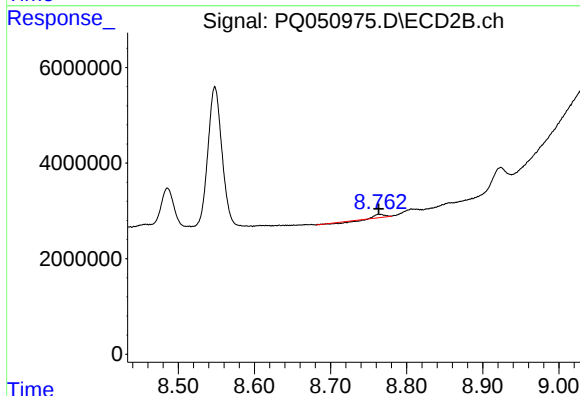
R.T.: 8.548 min
Delta R.T.: -0.004 min
Response: 37458217
Conc: 50.92 ng/ml



#43 AR-1268-3

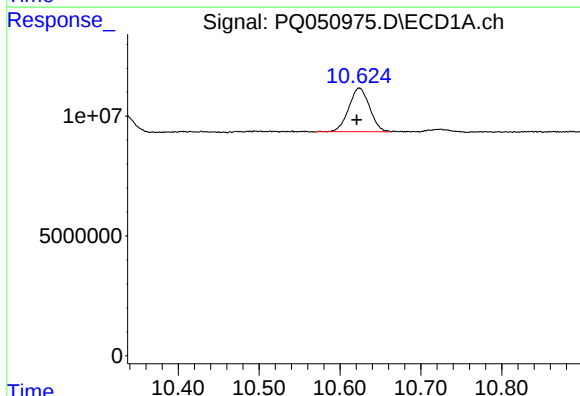
R.T.: 0.000 min
Exp R.T.: 10.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



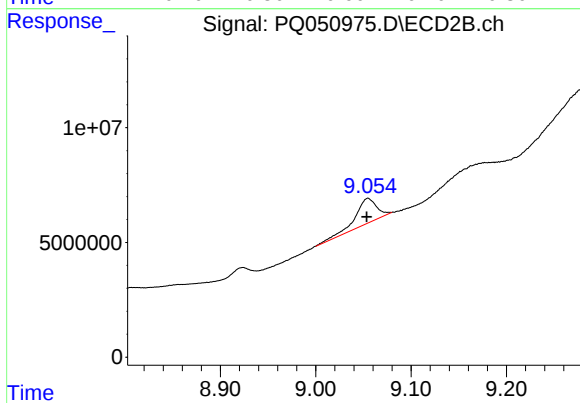
#43 AR-1268-3

R.T.: 8.764 min
Delta R.T.: 0.000 min
Response: 36743
Conc: 0.06 ng/ml



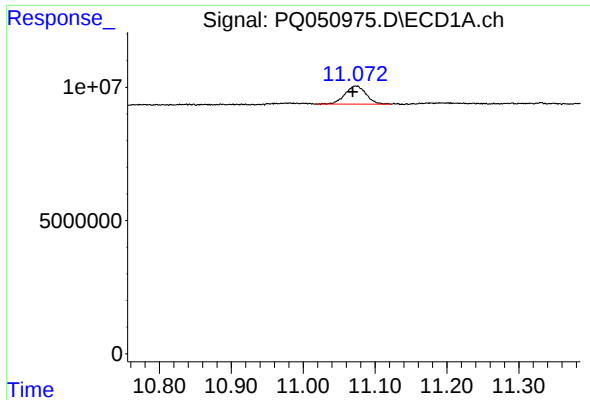
#44 AR-1268-4

R.T.: 10.624 min
Delta R.T.: 0.003 min
Response: 32550811
Conc: 40.61 ng/ml



#44 AR-1268-4

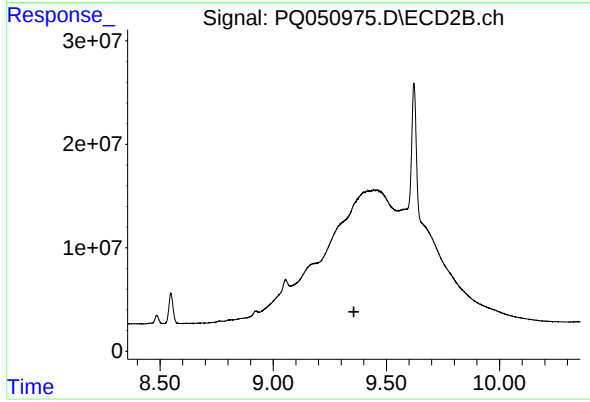
R.T.: 9.055 min
Delta R.T.: 0.001 min
Response: 16840859
Conc: 67.49 ng/ml



#45 AR-1268-5

R.T.: 11.073 min
Delta R.T.: 0.004 min
Response: 13780527
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.357 min
Response: 0
Conc: N.D.