

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081418\
 Data File : PQ031090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2018 11:32
 Operator : SM\SJ
 Sample : J4452-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 11:14:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 2018
 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...	4.605	3.888	50761478	51782197	25.535	26.648
2)	SA Decachlor...	10.465	8.978	76601018	80969703	38.518	36.735
Target Compounds							
3)	L1 AR-1016-1	5.362	4.606	6714417	227627	135.701	4.544 #
4)	L1 AR-1016-2	5.515	4.989	4606878	24606359	92.513	338.369 #
5)	L1 AR-1016-3	5.805	4.989	5869735	24606359	82.304	227.779 #
6)	L1 AR-1016-4	5.877	5.065	671295	18570818	9.977	258.897 #
7)	L1 AR-1016-5	6.262	5.443	7468016	1326757	131.375	20.784 #
8)	L2 AR-1221-1	0.000	4.092	0	8599012	N.D.	368.934 #
9)	L2 AR-1221-2	4.919	4.198	2862454	7373247	148.161	412.391 #
10)	L2 AR-1221-3	4.994	4.269	3280823	5998472	55.522	95.587 #
11)	L3 AR-1232-1	5.805	4.776	5869735	8045635	130.278	370.017 #
12)	L3 AR-1232-2	6.009	4.989	4764095	24606359	208.101	598.670 #
13)	L3 AR-1232-3	6.068	5.298	1001929	7566851	68.880	437.353 #
14)	L3 AR-1232-4	6.638	5.600	7139277	1528060	224.784	94.838 #
15)	L3 AR-1232-5	6.705	5.855	2374929	2689333	81.428	126.328 #
16)	L4 AR-1242-1	5.362	4.606	6714417	227627	315.521	10.634 #
17)	L4 AR-1242-2	6.068	5.225	1001929	20315906	27.065	486.054 #
18)	L4 AR-1242-3	6.299	5.225	3026883	20315906	161.785	619.934 #
19)	L4 AR-1242-4	6.325	5.998	3017362	16810441	220.297	407.250 #
20)	L4 AR-1242-5	6.406	6.073	3672978	10921451	78.590	311.250 #
21)	L5 AR-1248-1	6.068	5.225	1001929	20315906	15.480	300.016 #
22)	L5 AR-1248-2	6.638	5.798	7139277	17424933	102.425	127.722
23)	L5 AR-1248-3	6.638	5.855	7139277	2689333	78.586	29.039 #
24)	L5 AR-1248-4	6.705	5.998	2374929	16810441	27.265	210.701 #
25)	L5 AR-1248-5	6.923	6.363	6983141	32714391	121.247	453.072 #
26)	L6 AR-1254-1	6.856	5.944	18495309	8480857	115.677	59.857 #
27)	L6 AR-1254-2	7.122	6.262	4318391	10756814	43.891	89.955 #
28)	L6 AR-1254-3	7.227	6.579	8659772	8360443	48.433	47.023
29)	L6 AR-1254-4	7.575	6.903	7701604	15438890	58.919	144.026 #
30)	L6 AR-1254-5	7.774	6.998	20004853	89900844	199.484	407.498 #
31)	L7 AR-1260-1	7.387	6.483	62059494	43970309	495.444	295.652 #
32)	L7 AR-1260-2	7.644	6.667	61835549	72186028	409.620	405.050
33)	L7 AR-1260-3	7.929	6.825	76364056	53649256	425.068	312.087 #
34)	L7 AR-1260-4	8.237	7.297	27541253	46776261	213.417	338.233 #
35)	L7 AR-1260-5	8.570	7.536	97545144	146.2E6	378.718	457.020
36)	L8 AR-1262-1	7.283	6.363	17479234	32714391	219.643	274.350
37)	L8 AR-1262-2	8.064	7.087	24994429	33623309	339.579	350.775
38)	L8 AR-1262-3	8.322	7.396	21198083	33230595	240.231	345.200 #
39)	L8 AR-1262-4	8.988	7.821	12221175	26042076	80.898	153.825 #
40)	L8 AR-1262-5	9.675	8.392	20930436	20247564	209.901	177.036
41)	L9 AR-1268-1	8.005	7.034	33448328	52501342	456.372	598.116 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081418\
Data File : PQ031090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2018 11:32
Operator : SM\SJ
Sample : J4452-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 11:14:49 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 13 07:57:53 2018
Response via : Initial Calibration
Integrator: ChemStation

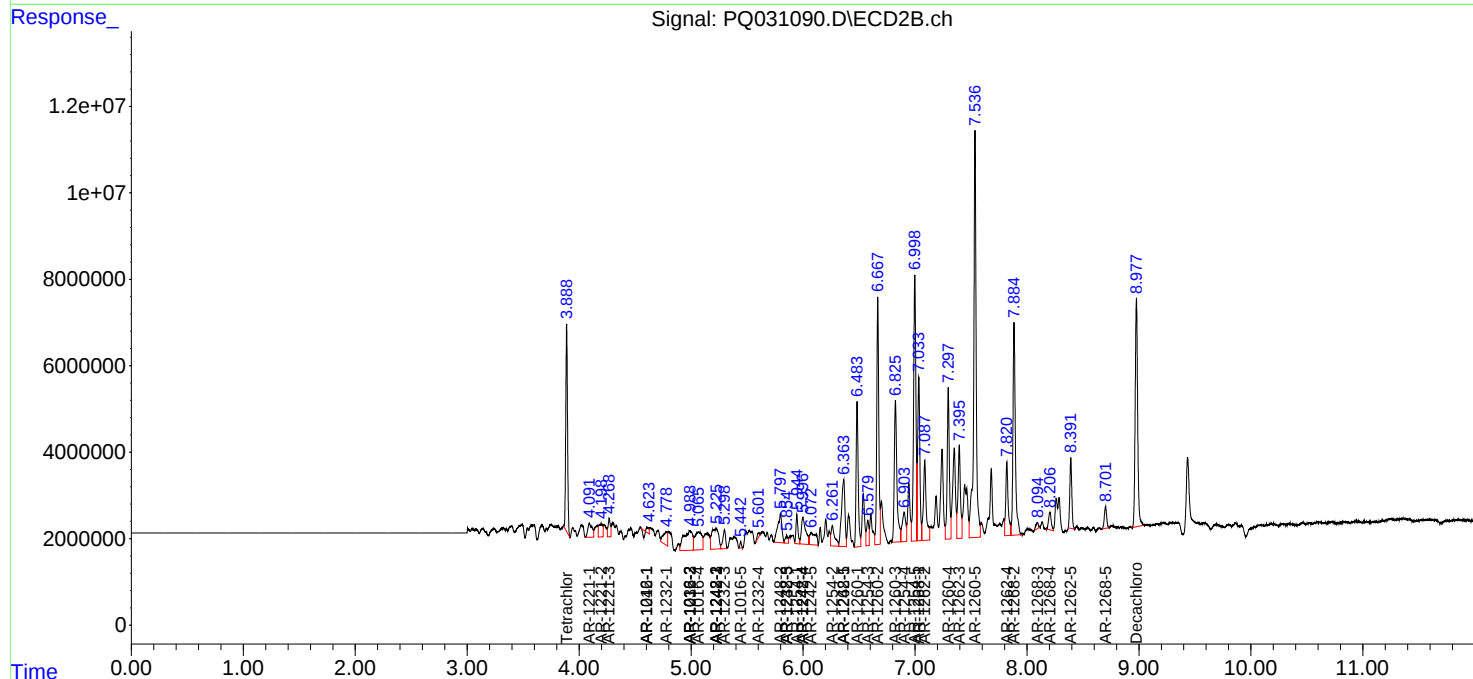
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

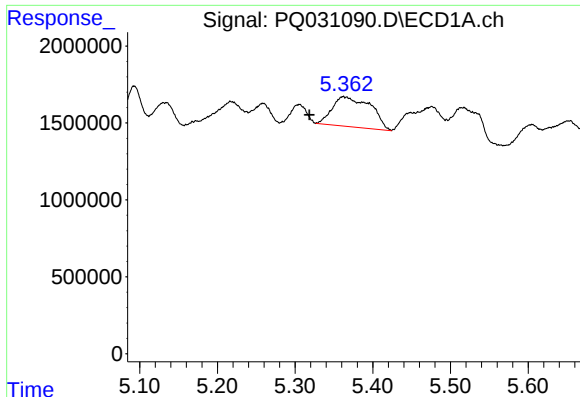
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.237	7.885	27541253	73900732	278.118	154.542 #
43)	L9 AR-1268-3	8.914	8.093	63099970	2310206	149.451	5.908 #
44)	L9 AR-1268-4	0.000	8.205	0	6831653	N.D.	69.942 #
45)	L9 AR-1268-5	10.109	8.702	6952056	7149712	7.768	6.559

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

Instrument :
ECD_Q
ClientSampleId :

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

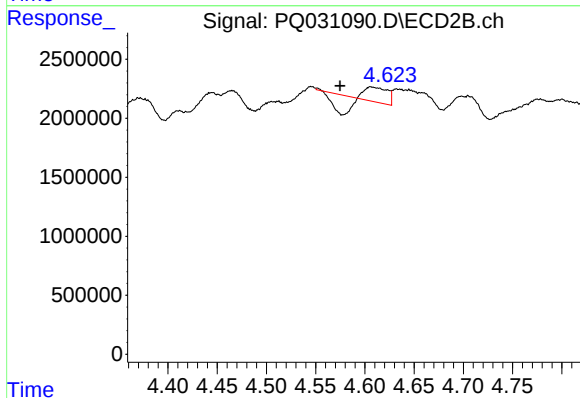




#3 AR-1016-1

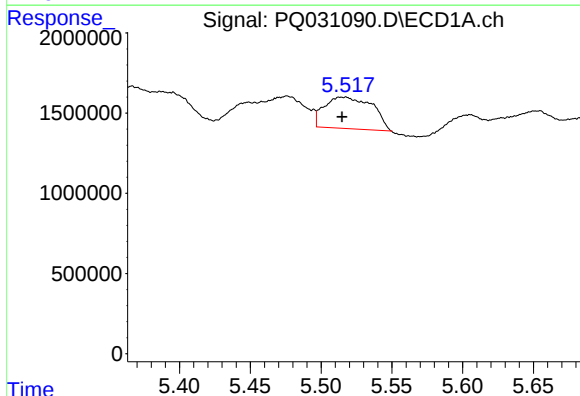
R.T.: 5.362 min
Delta R.T.: 0.043 min
Response: 6714417
Conc: 135.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



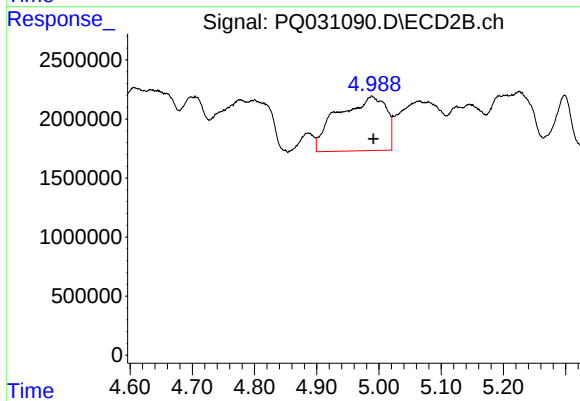
#3 AR-1016-1

R.T.: 4.606 min
Delta R.T.: 0.031 min
Response: 227627
Conc: 4.54 ng/ml



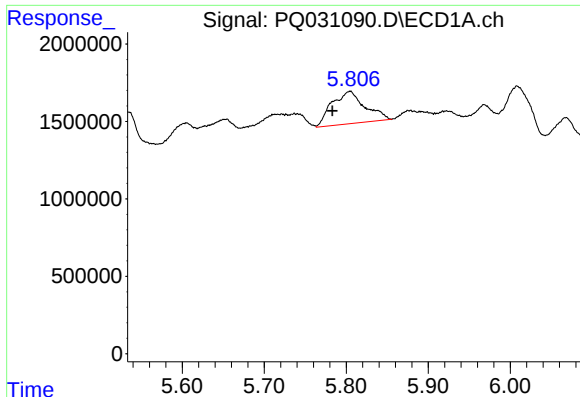
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 4606878
Conc: 92.51 ng/ml



#4 AR-1016-2

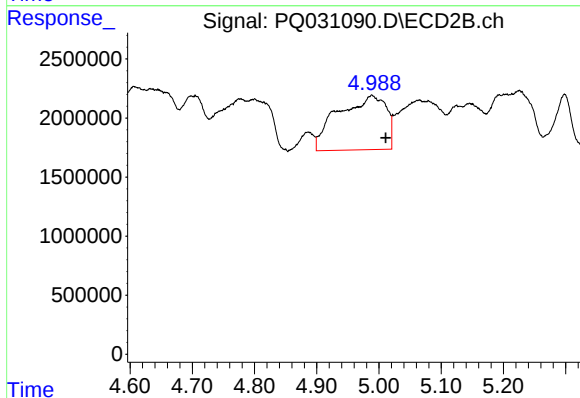
R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 24606359
Conc: 338.37 ng/ml



#5 AR-1016-3

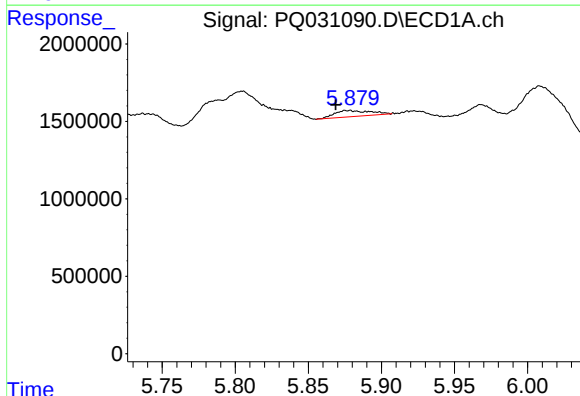
R.T.: 5.805 min
Delta R.T.: 0.021 min
Response: 5869735
Conc: 82.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



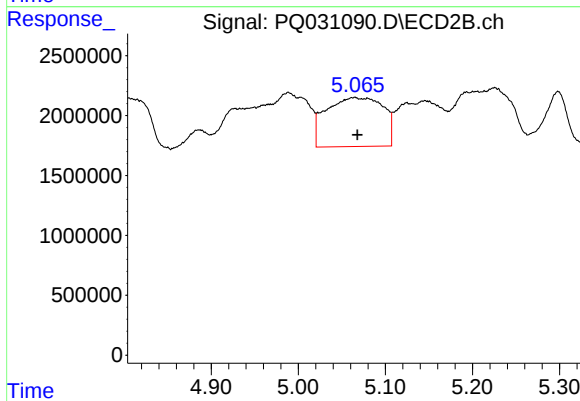
#5 AR-1016-3

R.T.: 4.989 min
Delta R.T.: -0.022 min
Response: 24606359
Conc: 227.78 ng/ml



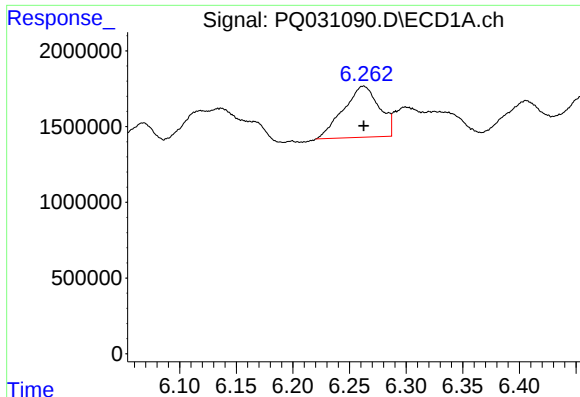
#6 AR-1016-4

R.T.: 5.877 min
Delta R.T.: 0.008 min
Response: 671295
Conc: 9.98 ng/ml



#6 AR-1016-4

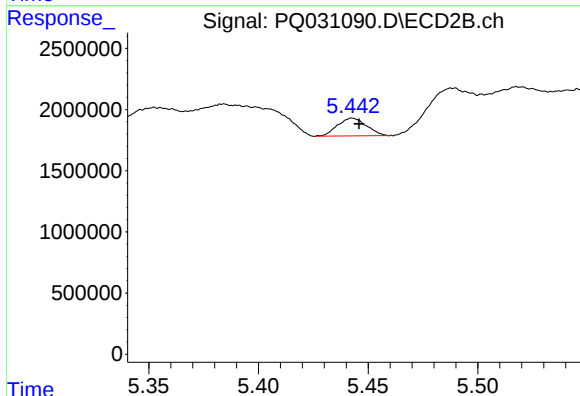
R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 18570818
Conc: 258.90 ng/ml



#7 AR-1016-5

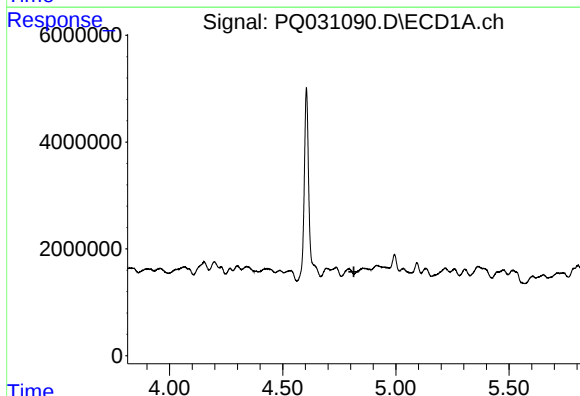
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 7468016
Conc: 131.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



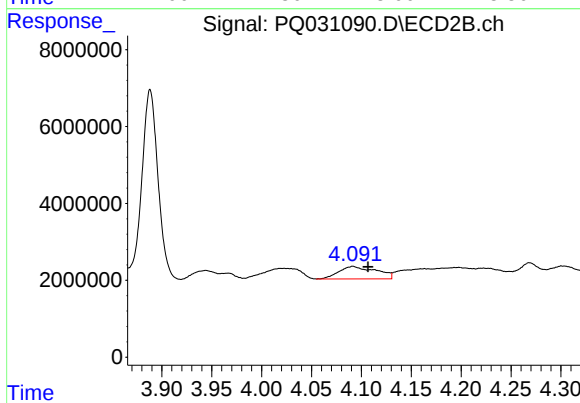
#7 AR-1016-5

R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 1326757
Conc: 20.78 ng/ml



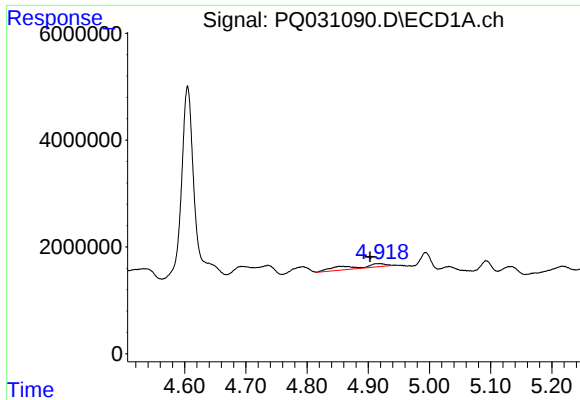
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#8 AR-1221-1

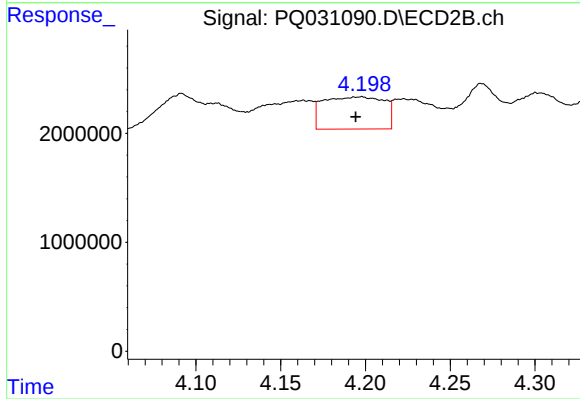
R.T.: 4.092 min
Delta R.T.: -0.015 min
Response: 8599012
Conc: 368.93 ng/ml



#9 AR-1221-2

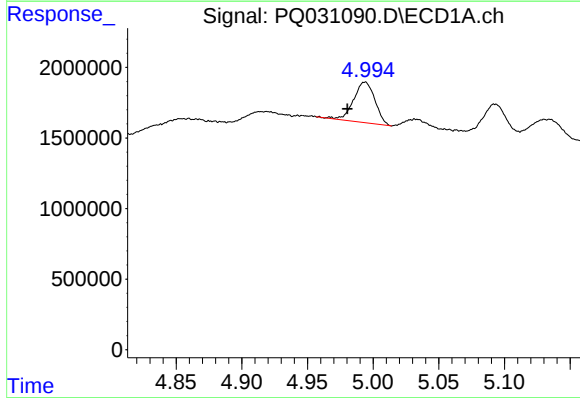
R.T.: 4.919 min
Delta R.T.: 0.016 min
Response: 2862454
Conc: 148.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



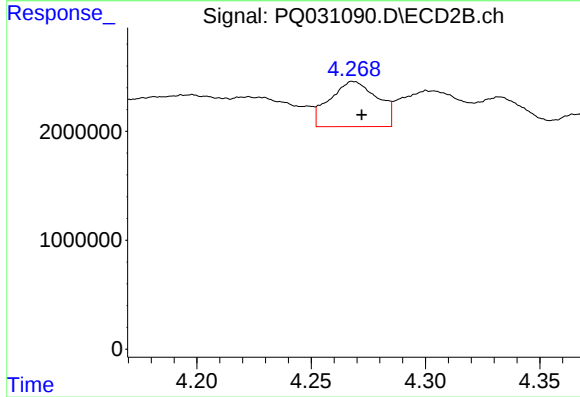
#9 AR-1221-2

R.T.: 4.198 min
Delta R.T.: 0.003 min
Response: 7373247
Conc: 412.39 ng/ml



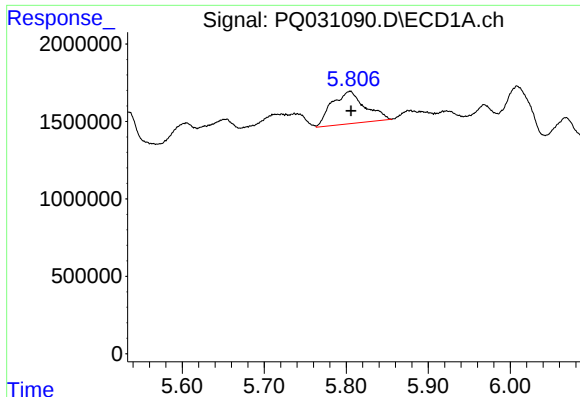
#10 AR-1221-3

R.T.: 4.994 min
Delta R.T.: 0.013 min
Response: 3280823
Conc: 55.52 ng/ml



#10 AR-1221-3

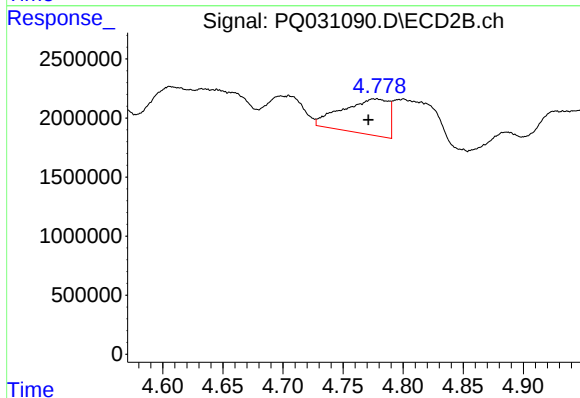
R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 5998472
Conc: 95.59 ng/ml



#11 AR-1232-1

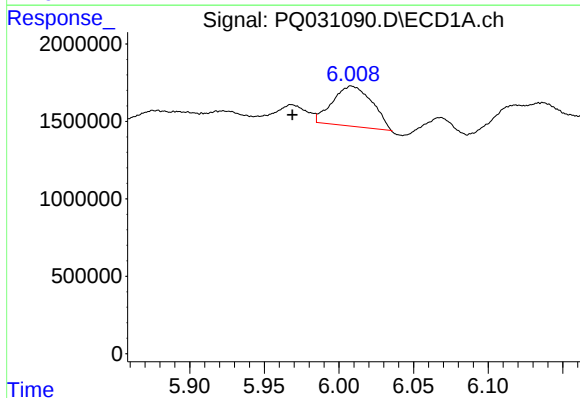
R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 5869735
Conc: 130.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



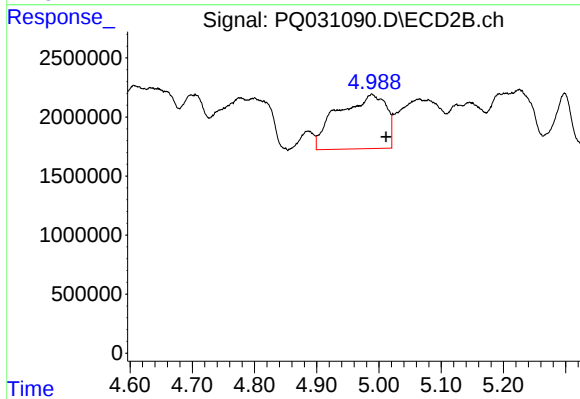
#11 AR-1232-1

R.T.: 4.776 min
Delta R.T.: 0.005 min
Response: 8045635
Conc: 370.02 ng/ml



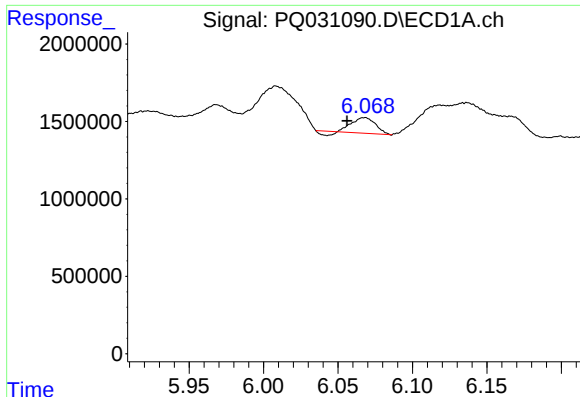
#12 AR-1232-2

R.T.: 6.009 min
Delta R.T.: 0.040 min
Response: 4764095
Conc: 208.10 ng/ml



#12 AR-1232-2

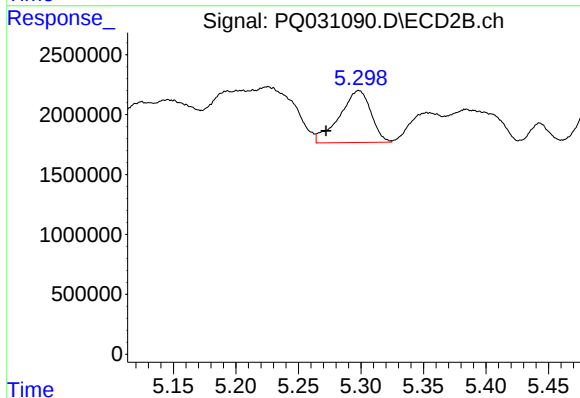
R.T.: 4.989 min
Delta R.T.: -0.023 min
Response: 24606359
Conc: 598.67 ng/ml



#13 AR-1232-3

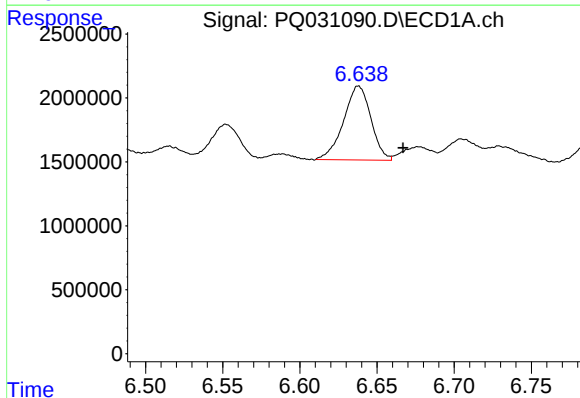
R.T.: 6.068 min
Delta R.T.: 0.012 min
Response: 1001929
Conc: 68.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



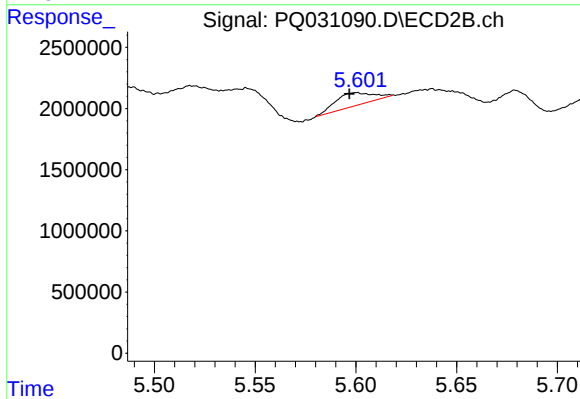
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: 0.026 min
Response: 7566851
Conc: 437.35 ng/ml



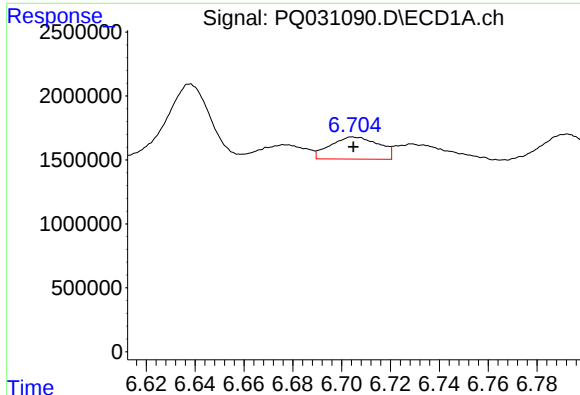
#14 AR-1232-4

R.T.: 6.638 min
Delta R.T.: -0.029 min
Response: 7139277
Conc: 224.78 ng/ml



#14 AR-1232-4

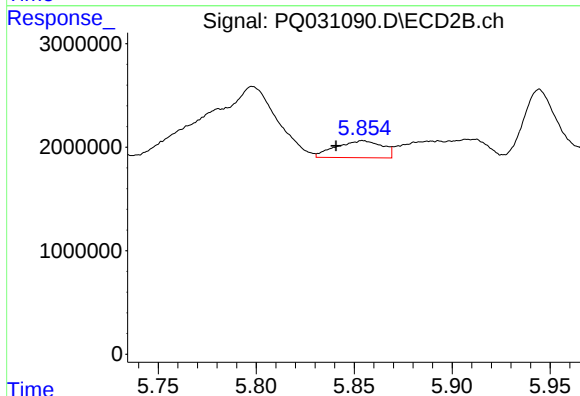
R.T.: 5.600 min
Delta R.T.: 0.003 min
Response: 1528060
Conc: 94.84 ng/ml



#15 AR-1232-5

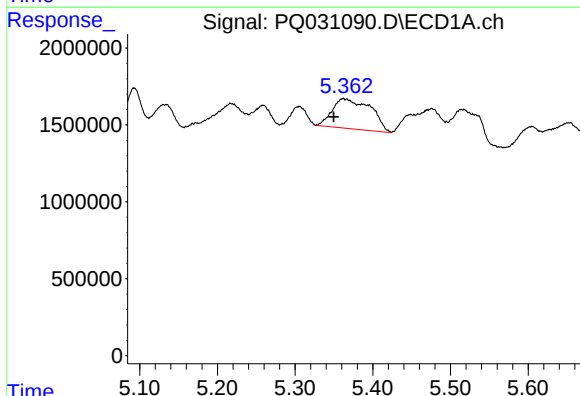
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2374929
Conc: 81.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



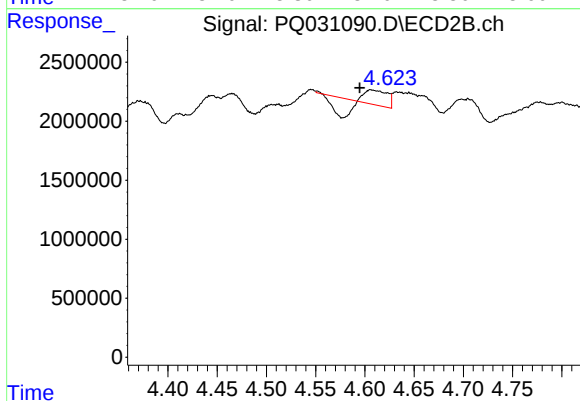
#15 AR-1232-5

R.T.: 5.855 min
Delta R.T.: 0.014 min
Response: 2689333
Conc: 126.33 ng/ml



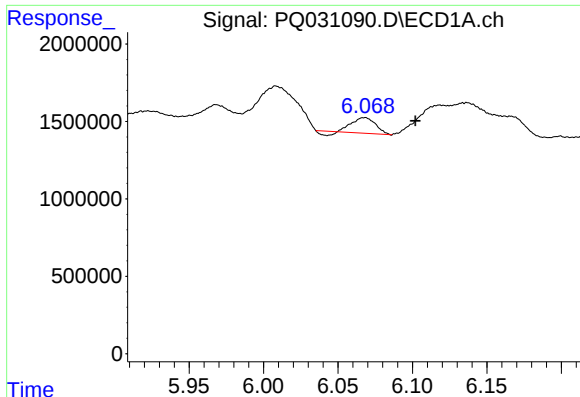
#16 AR-1242-1

R.T.: 5.362 min
Delta R.T.: 0.012 min
Response: 6714417
Conc: 315.52 ng/ml



#16 AR-1242-1

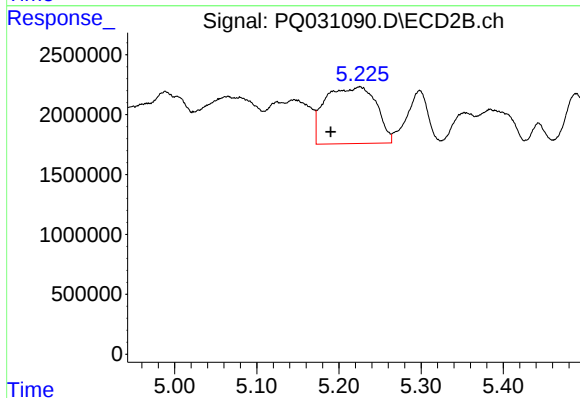
R.T.: 4.606 min
Delta R.T.: 0.011 min
Response: 227627
Conc: 10.63 ng/ml



#17 AR-1242-2

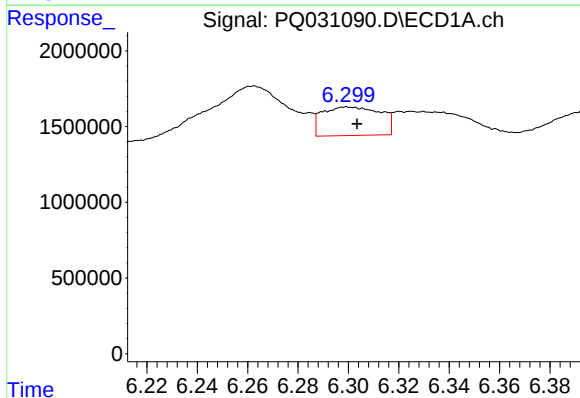
R.T.: 6.068 min
Delta R.T.: -0.034 min
Response: 1001929
Conc: 27.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



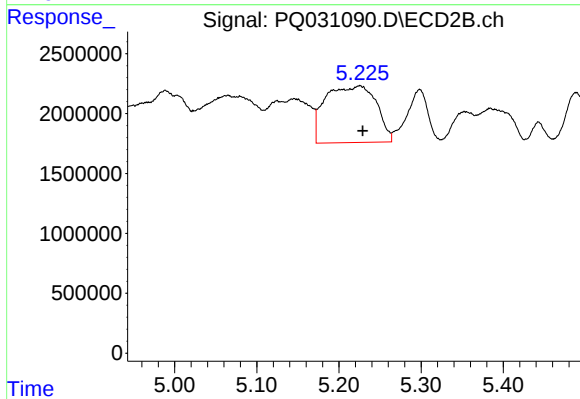
#17 AR-1242-2

R.T.: 5.225 min
Delta R.T.: 0.035 min
Response: 20315906
Conc: 486.05 ng/ml



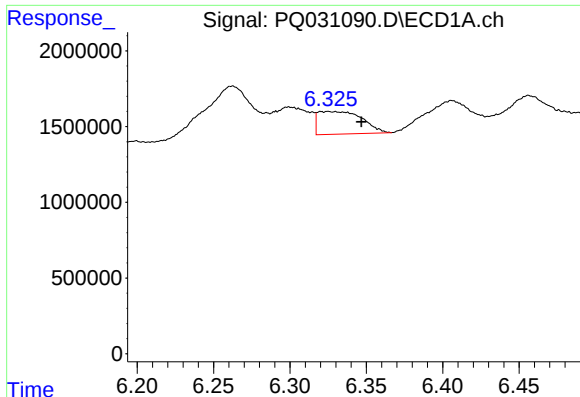
#18 AR-1242-3

R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 3026883
Conc: 161.78 ng/ml



#18 AR-1242-3

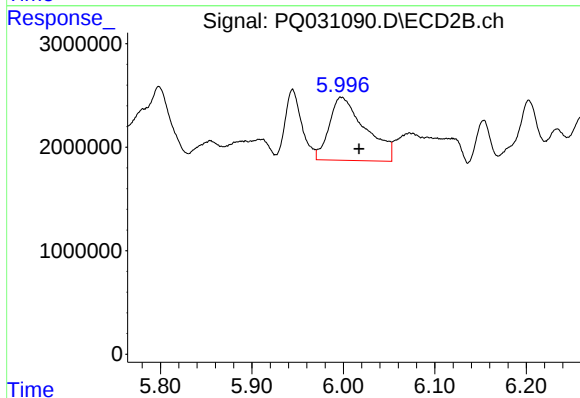
R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 20315906
Conc: 619.93 ng/ml



#19 AR-1242-4

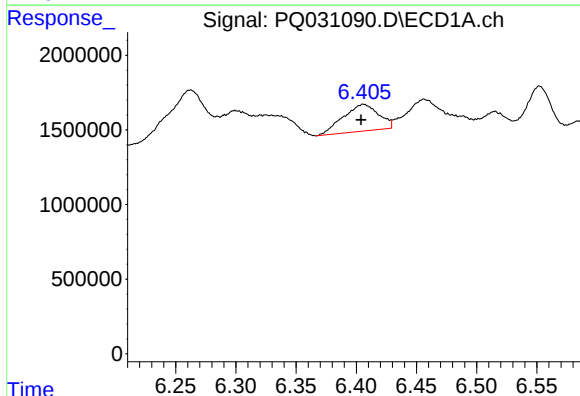
R.T.: 6.325 min
Delta R.T.: -0.022 min
Response: 3017362
Conc: 220.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



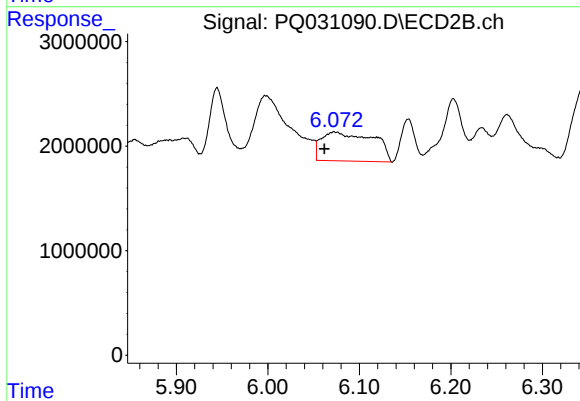
#19 AR-1242-4

R.T.: 5.998 min
Delta R.T.: -0.019 min
Response: 16810441
Conc: 407.25 ng/ml



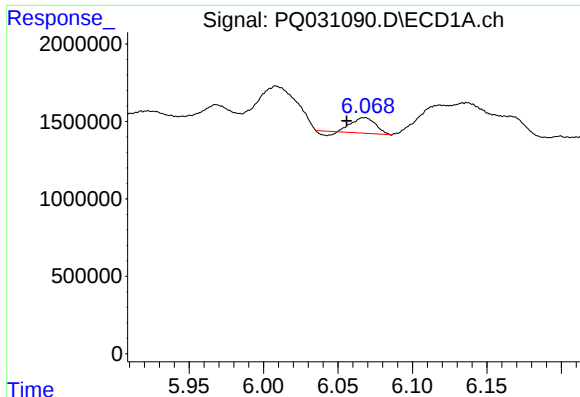
#20 AR-1242-5

R.T.: 6.406 min
Delta R.T.: 0.002 min
Response: 3672978
Conc: 78.59 ng/ml



#20 AR-1242-5

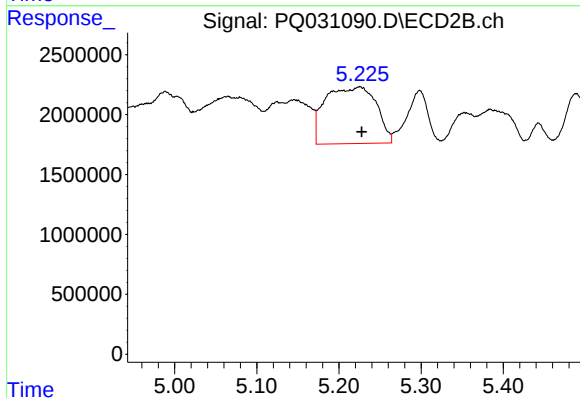
R.T.: 6.073 min
Delta R.T.: 0.011 min
Response: 10921451
Conc: 311.25 ng/ml



#21 AR-1248-1

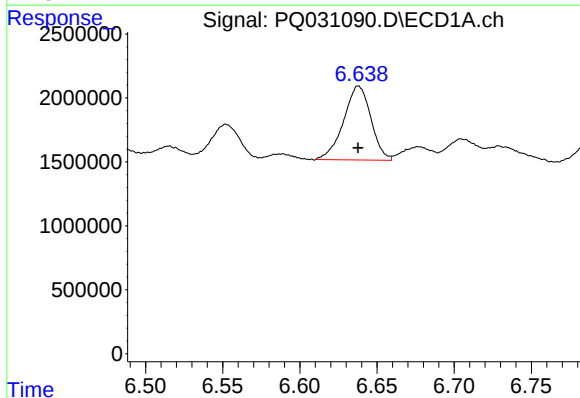
R.T.: 6.068 min
Delta R.T.: 0.012 min
Response: 1001929
Conc: 15.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



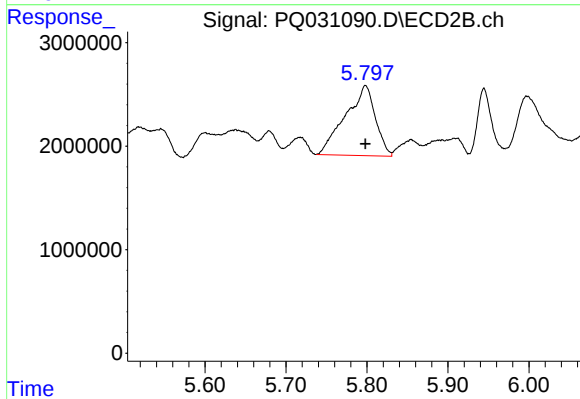
#21 AR-1248-1

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 20315906
Conc: 300.02 ng/ml



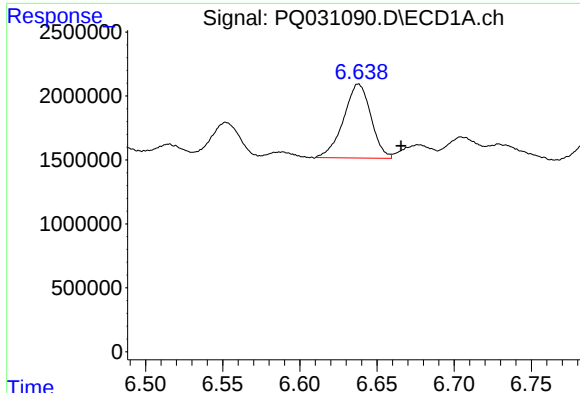
#22 AR-1248-2

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 7139277
Conc: 102.42 ng/ml



#22 AR-1248-2

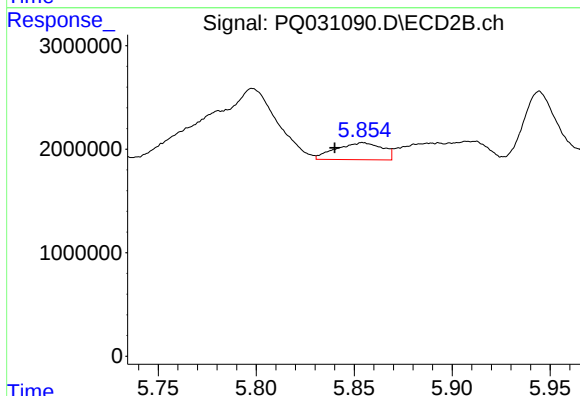
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 17424933
Conc: 127.72 ng/ml



#23 AR-1248-3

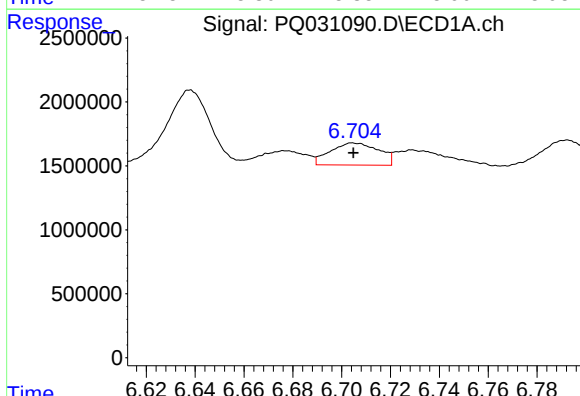
R.T.: 6.638 min
Delta R.T.: -0.027 min
Response: 7139277
Conc: 78.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



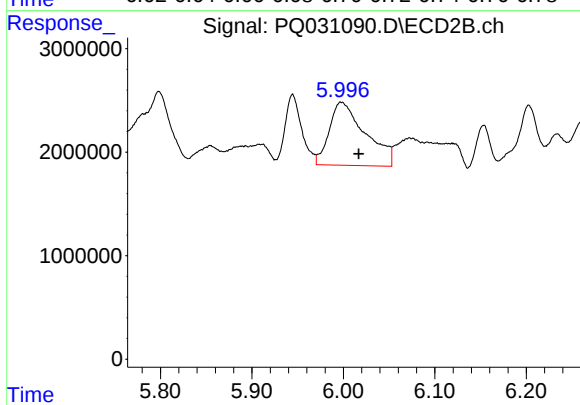
#23 AR-1248-3

R.T.: 5.855 min
Delta R.T.: 0.014 min
Response: 2689333
Conc: 29.04 ng/ml



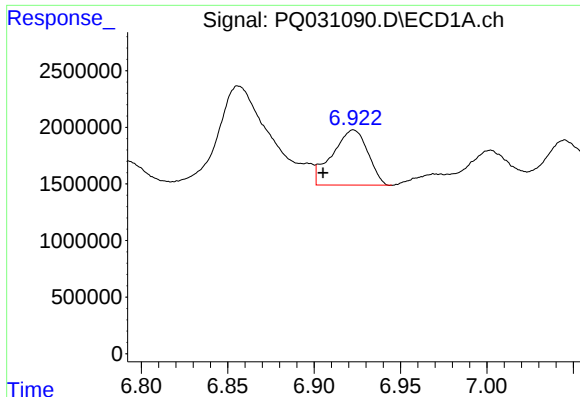
#24 AR-1248-4

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2374929
Conc: 27.26 ng/ml



#24 AR-1248-4

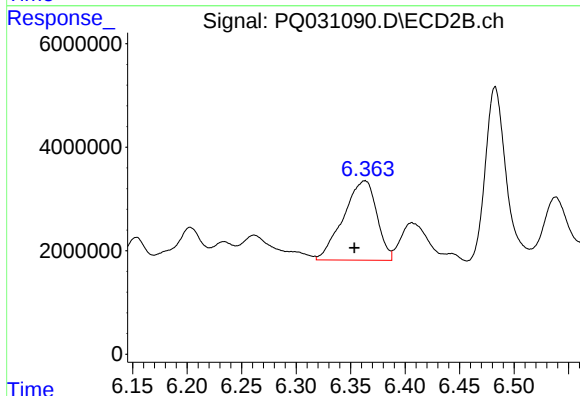
R.T.: 5.998 min
Delta R.T.: -0.019 min
Response: 16810441
Conc: 210.70 ng/ml



#25 AR-1248-5

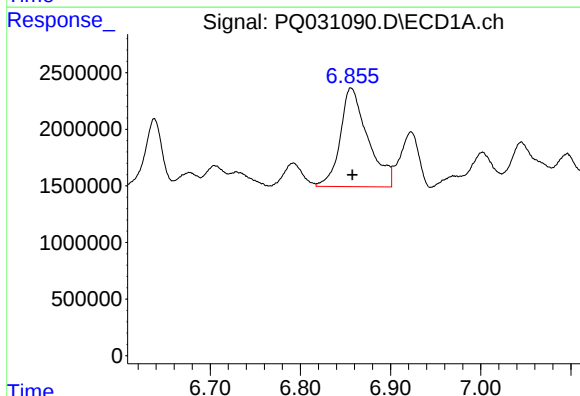
R.T.: 6.923 min
Delta R.T.: 0.018 min
Response: 6983141
Conc: 121.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



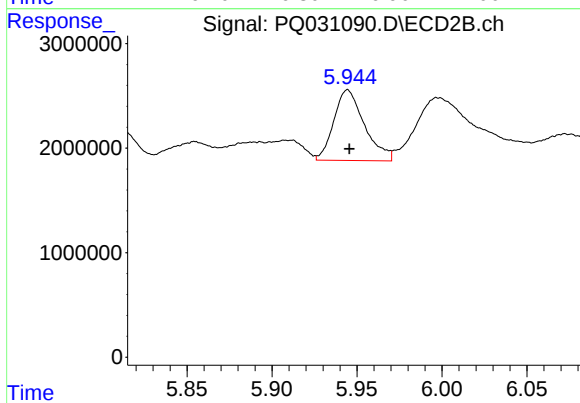
#25 AR-1248-5

R.T.: 6.363 min
Delta R.T.: 0.010 min
Response: 32714391
Conc: 453.07 ng/ml



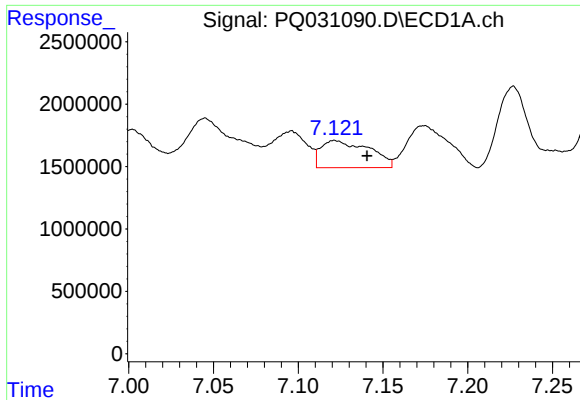
#26 AR-1254-1

R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 18495309
Conc: 115.68 ng/ml



#26 AR-1254-1

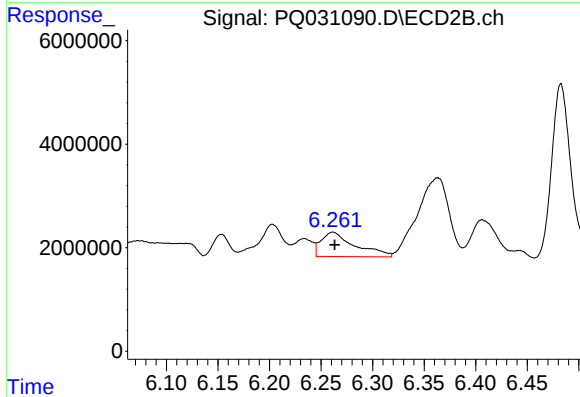
R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 8480857
Conc: 59.86 ng/ml



#27 AR-1254-2

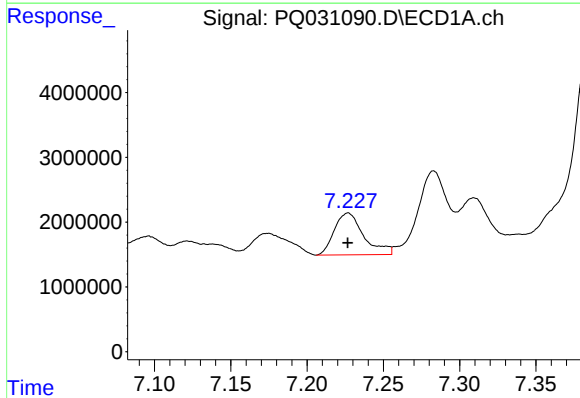
R.T.: 7.122 min
Delta R.T.: -0.019 min
Response: 4318391
Conc: 43.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



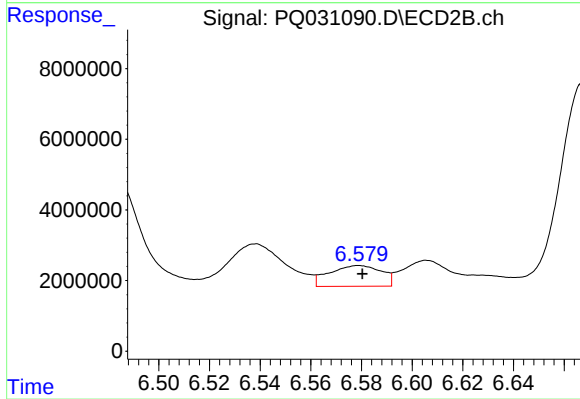
#27 AR-1254-2

R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 10756814
Conc: 89.96 ng/ml



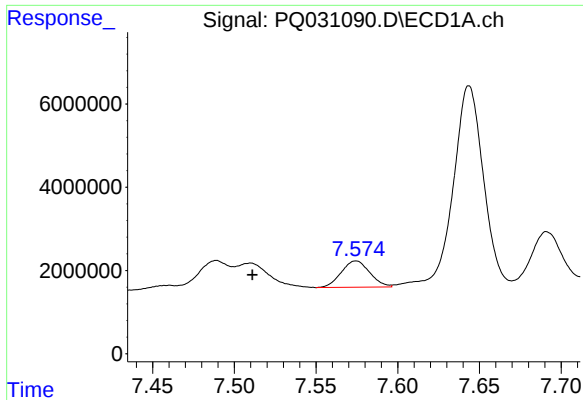
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 8659772
Conc: 48.43 ng/ml



#28 AR-1254-3

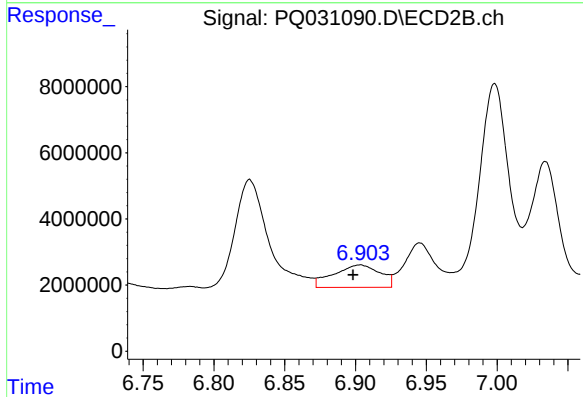
R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 8360443
Conc: 47.02 ng/ml



#29 AR-1254-4

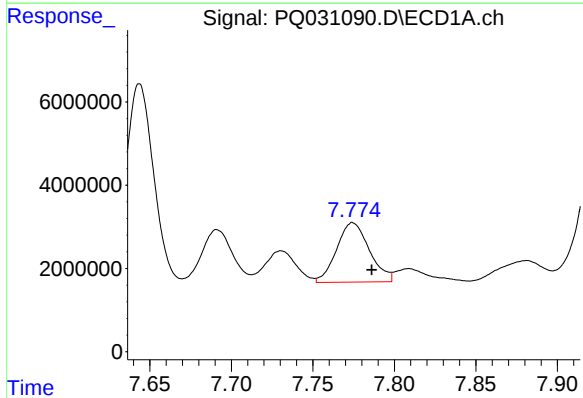
R.T.: 7.575 min
Delta R.T.: 0.064 min
Response: 7701604
Conc: 58.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



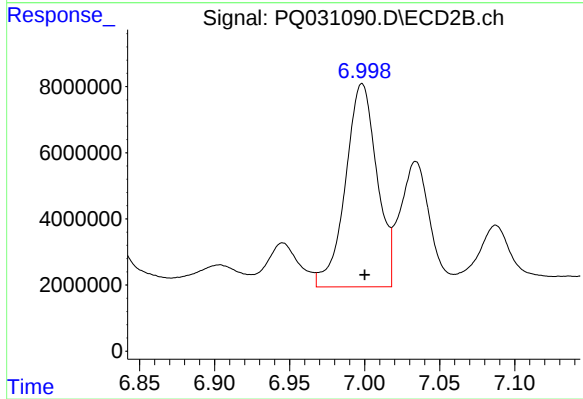
#29 AR-1254-4

R.T.: 6.903 min
Delta R.T.: 0.005 min
Response: 15438890
Conc: 144.03 ng/ml



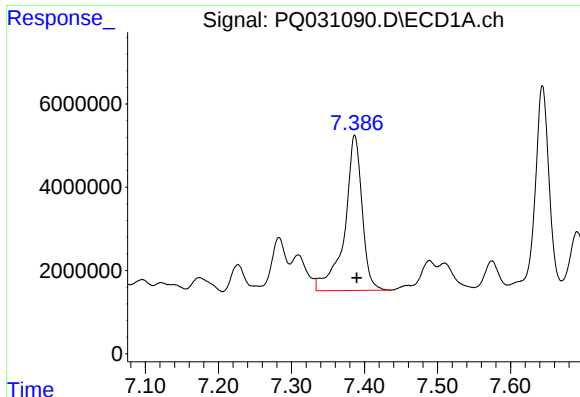
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.012 min
Response: 20004853
Conc: 199.48 ng/ml



#30 AR-1254-5

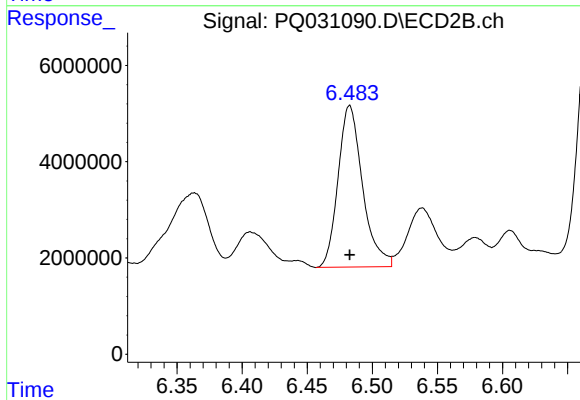
R.T.: 6.998 min
Delta R.T.: -0.002 min
Response: 89900844
Conc: 407.50 ng/ml



#31 AR-1260-1

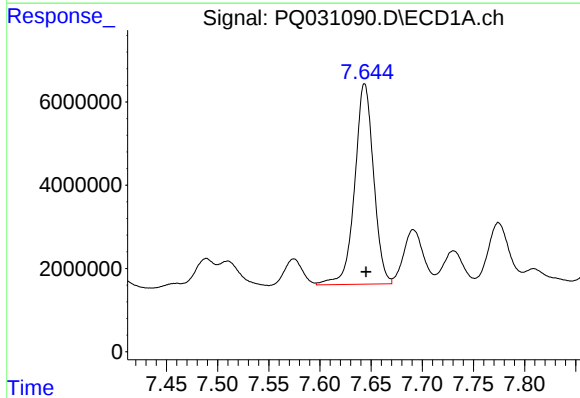
R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 62059494
Conc: 495.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



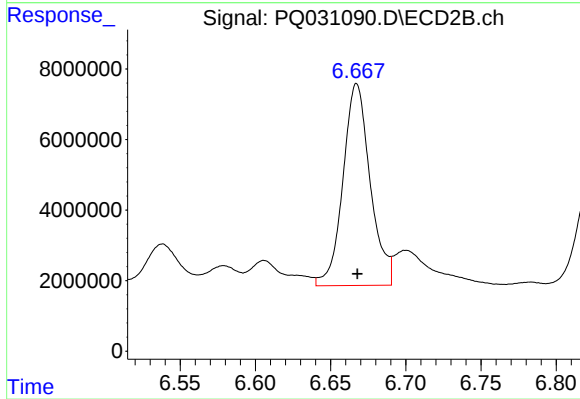
#31 AR-1260-1

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 43970309
Conc: 295.65 ng/ml



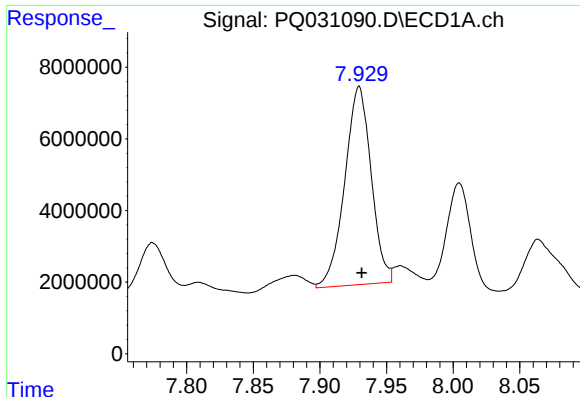
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 61835549
Conc: 409.62 ng/ml



#32 AR-1260-2

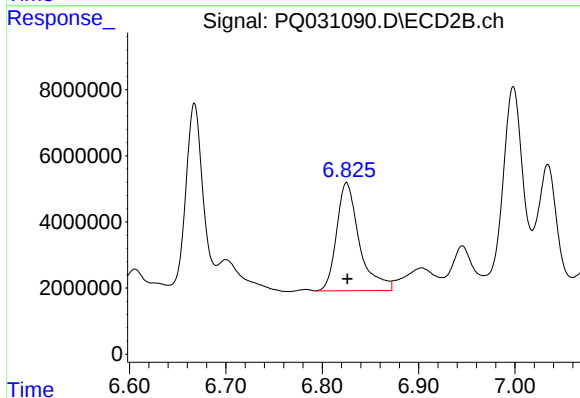
R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 72186028
Conc: 405.05 ng/ml



#33 AR-1260-3

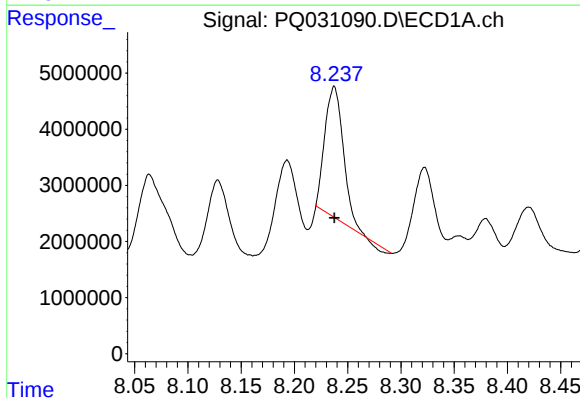
R.T.: 7.929 min
Delta R.T.: -0.002 min
Response: 76364056
Conc: 425.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



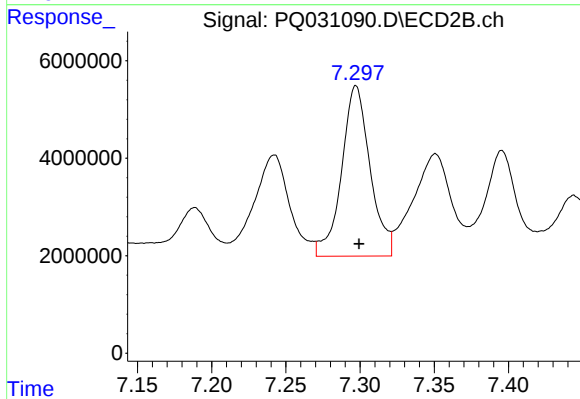
#33 AR-1260-3

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 53649256
Conc: 312.09 ng/ml



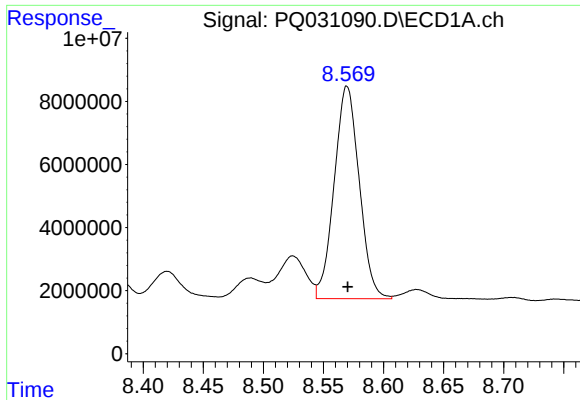
#34 AR-1260-4

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 27541253
Conc: 213.42 ng/ml



#34 AR-1260-4

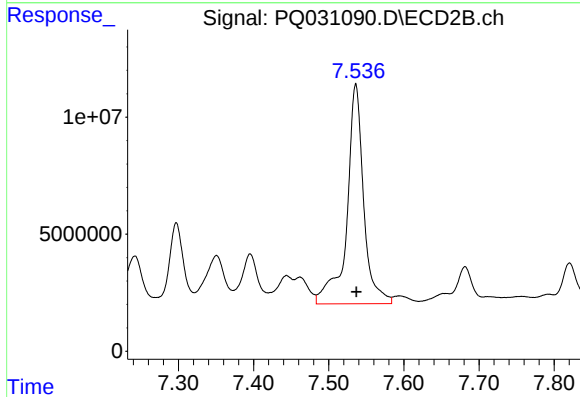
R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 46776261
Conc: 338.23 ng/ml



#35 AR-1260-5

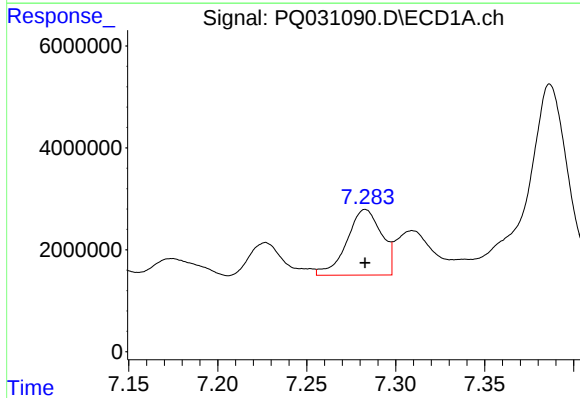
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 97545144
Conc: 378.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



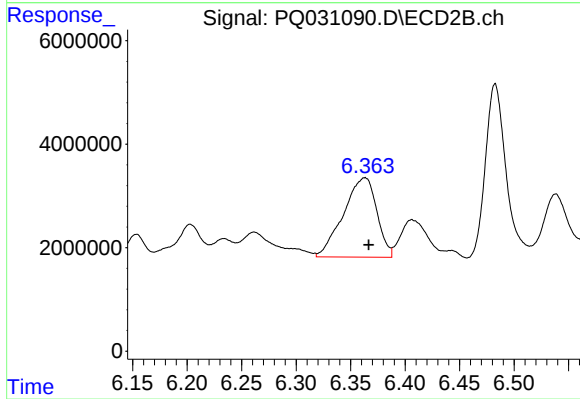
#35 AR-1260-5

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 146182408
Conc: 457.02 ng/ml



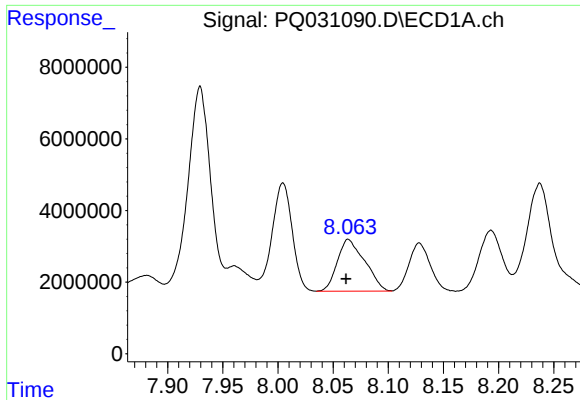
#36 AR-1262-1

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 17479234
Conc: 219.64 ng/ml



#36 AR-1262-1

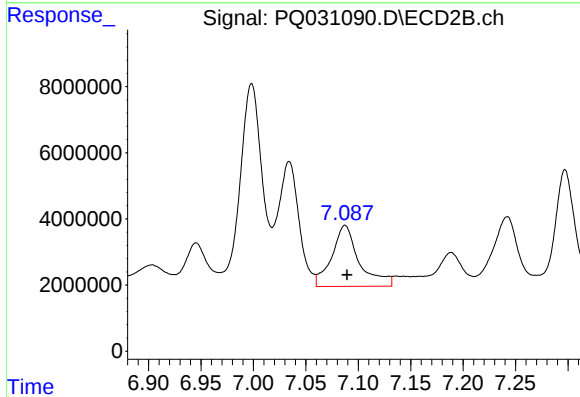
R.T.: 6.363 min
Delta R.T.: -0.003 min
Response: 32714391
Conc: 274.35 ng/ml



#37 AR-1262-2

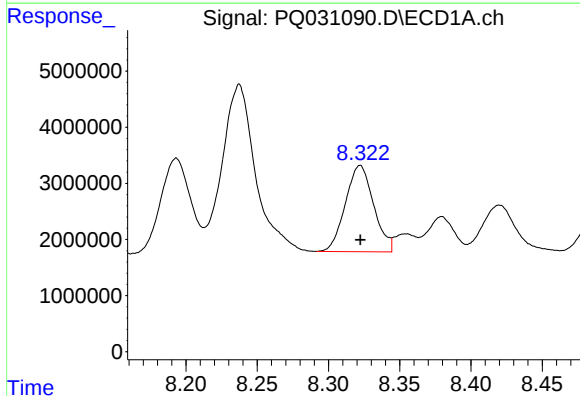
R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 24994429
Conc: 339.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



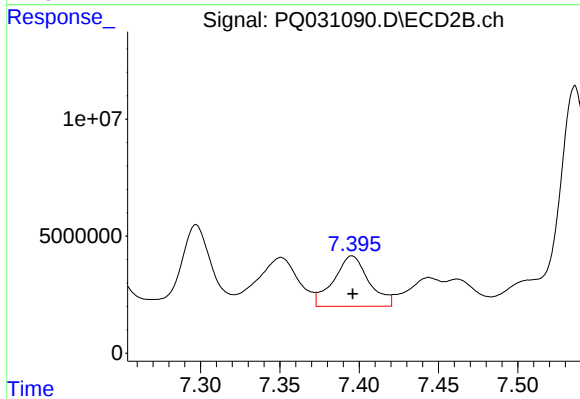
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 33623309
Conc: 350.78 ng/ml



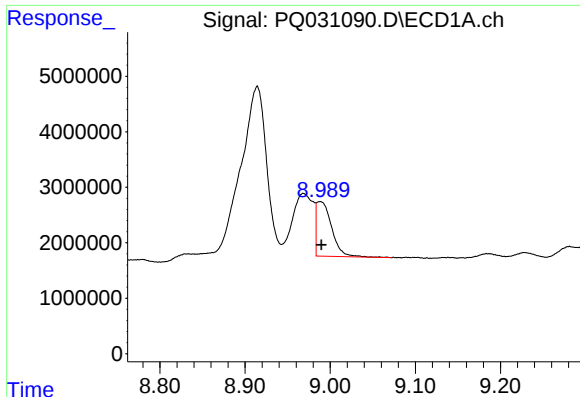
#38 AR-1262-3

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 21198083
Conc: 240.23 ng/ml



#38 AR-1262-3

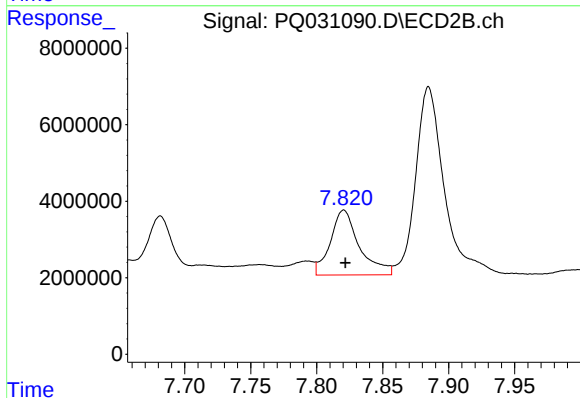
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 33230595
Conc: 345.20 ng/ml



#39 AR-1262-4

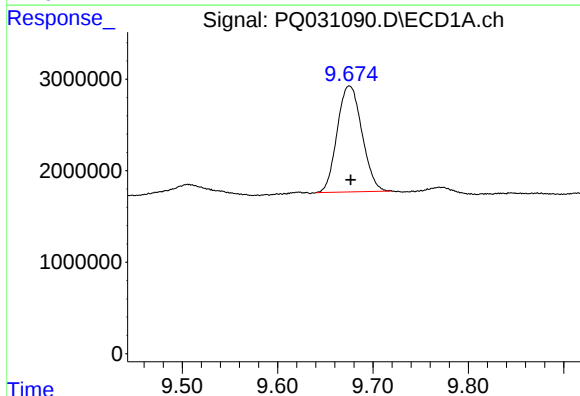
R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 12221175
Conc: 80.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



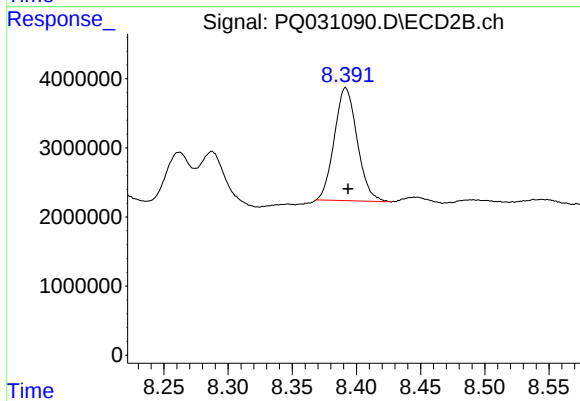
#39 AR-1262-4

R.T.: 7.821 min
Delta R.T.: -0.001 min
Response: 26042076
Conc: 153.82 ng/ml



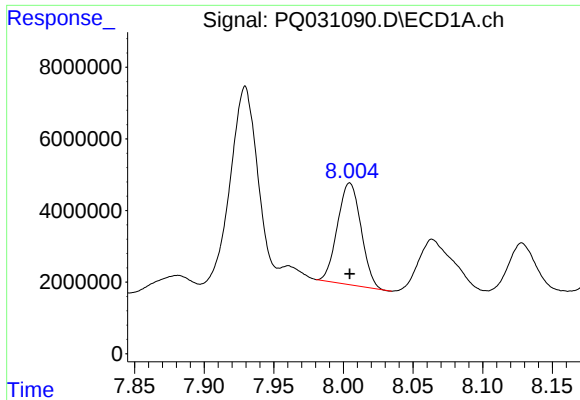
#40 AR-1262-5

R.T.: 9.675 min
Delta R.T.: -0.001 min
Response: 20930436
Conc: 209.90 ng/ml



#40 AR-1262-5

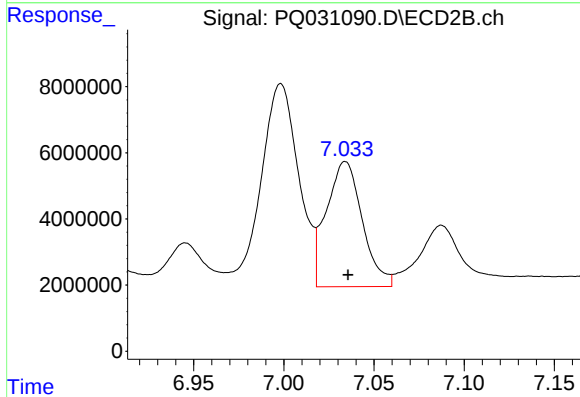
R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 20247564
Conc: 177.04 ng/ml



#41 AR-1268-1

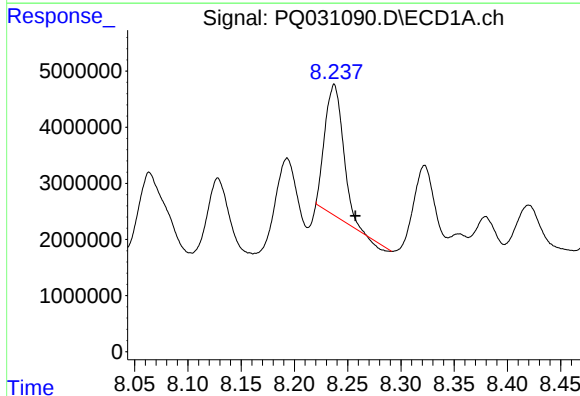
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 33448328
Conc: 456.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



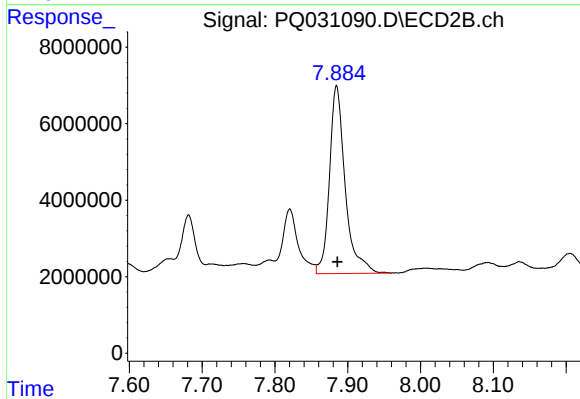
#41 AR-1268-1

R.T.: 7.034 min
Delta R.T.: -0.001 min
Response: 52501342
Conc: 598.12 ng/ml



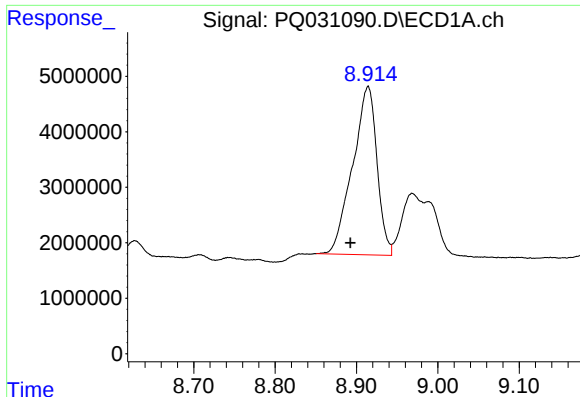
#42 AR-1268-2

R.T.: 8.237 min
Delta R.T.: -0.020 min
Response: 27541253
Conc: 278.12 ng/ml



#42 AR-1268-2

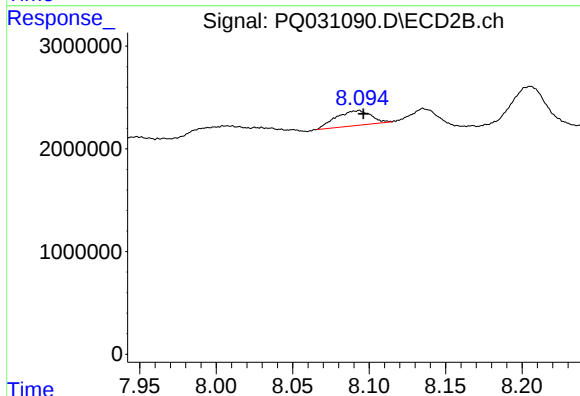
R.T.: 7.885 min
Delta R.T.: 0.000 min
Response: 73900732
Conc: 154.54 ng/ml



#43 AR-1268-3

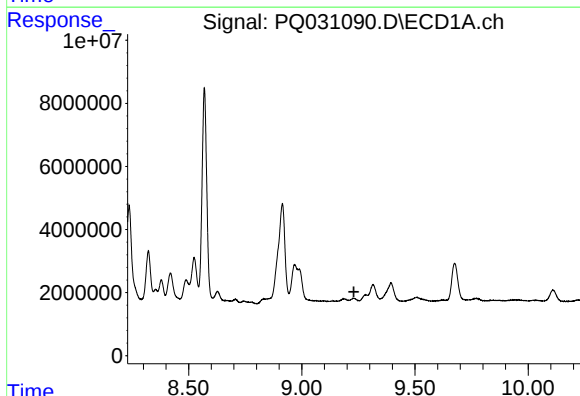
R.T.: 8.914 min
Delta R.T.: 0.021 min
Response: 63099970
Conc: 149.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



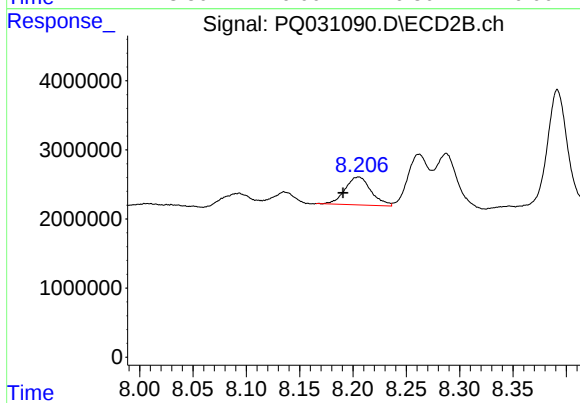
#43 AR-1268-3

R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 2310206
Conc: 5.91 ng/ml



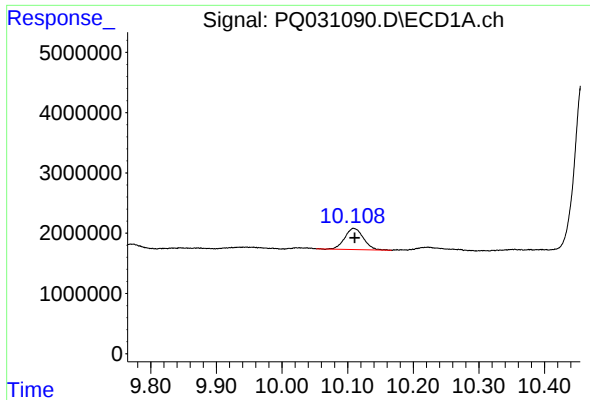
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.230 min
Response: 0
Conc: N.D.



#44 AR-1268-4

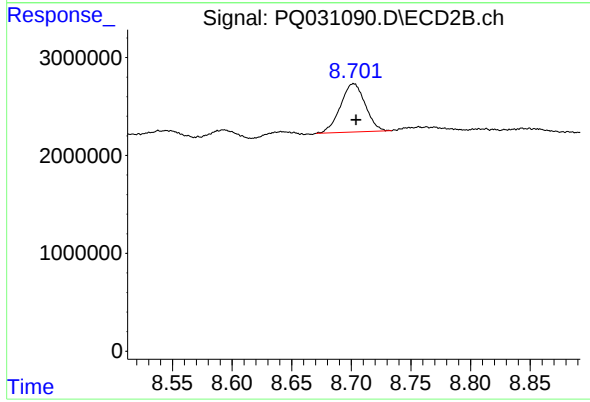
R.T.: 8.205 min
Delta R.T.: 0.015 min
Response: 6831653
Conc: 69.94 ng/ml



#45 AR-1268-5

R.T.: 10.109 min
Delta R.T.: -0.002 min
Response: 6952056
Conc: 7.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.702 min
Delta R.T.: -0.002 min
Response: 7149712
Conc: 6.56 ng/ml