

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030119\
 Data File : PQ037675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2019 21:09
 Operator : SM\SJ
 Sample : K1625-08MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF871MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:56:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 2019
 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...	4.223	3.655	106.5E6	55119477	18.721	20.926
2)	SA Decachlor...	9.680	8.540	173.9E6	81054878	34.424	34.937
Target Compounds							
3)	L1 AR-1016-1	5.387	4.714	98082223	36235973	339.355	234.871 #
4)	L1 AR-1016-2	5.387	4.730	98082223	53104897	219.482	221.229
5)	L1 AR-1016-3	5.447	4.904	57760800	26925877	219.761	221.125
6)	L1 AR-1016-4	5.547	4.942	48131288	21033110	218.925	225.208
7)	L1 AR-1016-5	5.829	5.153	46541586	27179322	216.518	216.989
8)	L2 AR-1221-1	4.430	3.859	4788413	2818453	76.418	82.832
9)	L2 AR-1221-2	4.520	3.946	6825645	3696350	155.001	154.114
10)	L2 AR-1221-3	4.595	4.020	32012532	17147710	208.269	202.773
11)	L3 AR-1232-1	4.595	4.020	32012532	17147710	280.511	277.012
12)	L3 AR-1232-2	5.105	4.730	46916650	53104897	802.509	772.854
13)	L3 AR-1232-3	5.387	4.904	98082223	26925877	785.198	773.190
14)	L3 AR-1232-4	5.547	4.982	48131288	25881519	753.191	877.766
15)	L3 AR-1232-5	5.627	5.153	40525270	27179322	888.574	799.772
16)	L4 AR-1242-1	5.387	4.714	98082223	36235973	597.929	403.395 #
17)	L4 AR-1242-2	5.387	4.730	98082223	53104897	389.141	389.435
18)	L4 AR-1242-3	5.447	4.904	57760800	26925877	381.859	381.757
19)	L4 AR-1242-4	5.547	4.982	48131288	25881519	382.368	377.203
20)	L4 AR-1242-5	6.265	5.494	6117337	21745400	44.081	248.720 #
21)	L5 AR-1248-1	5.387	4.714	98082223	36235973	833.369	543.200 #
22)	L5 AR-1248-2	5.627	4.942	40525270	21033110	236.218	232.663
23)	L5 AR-1248-3	5.829	4.982	46541586	25881519	239.557	280.427
24)	L5 AR-1248-4	6.227	5.153	8082641	27179322	35.548	239.508 #
25)	L5 AR-1248-5	6.265	5.537	6117337	3178325	28.325	28.949
26)	L6 AR-1254-1	6.196	5.494	34961622	21745400	165.077	131.145
27)	L6 AR-1254-2	6.407	5.639	38482350	20308485	114.759	142.602
28)	L6 AR-1254-3	6.776	6.045	19125068	35589136	55.106	155.982 #
29)	L6 AR-1254-4	7.055	6.263	13037357	3824283	47.108	22.268 #
30)	L6 AR-1254-5	7.500	6.671	15963550	71367416	57.759	368.581 #
31)	L7 AR-1260-1	6.928	6.160	86148746	52043665	193.888	205.274
32)	L7 AR-1260-2	7.181	6.348	112.8E6	63413716	195.008	206.310
33)	L7 AR-1260-3	7.534	6.497	76006038	57887686	170.134	203.846
34)	L7 AR-1260-4	7.764	6.959	78369590	40749839	178.929	185.149
35)	L7 AR-1260-5	8.069	7.203	176.1E6	100.2E6	175.665	189.744
36)	L8 AR-1262-1	7.534	6.702	76006038	46154319	190.287	220.536
37)	L8 AR-1262-2	8.069	7.203	176.1E6	100.2E6	254.176	270.429
38)	L8 AR-1262-3	8.379	7.475	65170270	19084803	217.652	130.574 #
39)	L8 AR-1262-4	8.425	7.543	61220527	69828885	174.232	261.844 #
40)	L8 AR-1262-5	9.038	8.035	43242212	20051556	181.317	171.630
41)	L9 AR-1268-1	8.379	7.475	65170270	19084803	48.612	29.135 #

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 Acq On : 28 Feb 2019 21:09
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

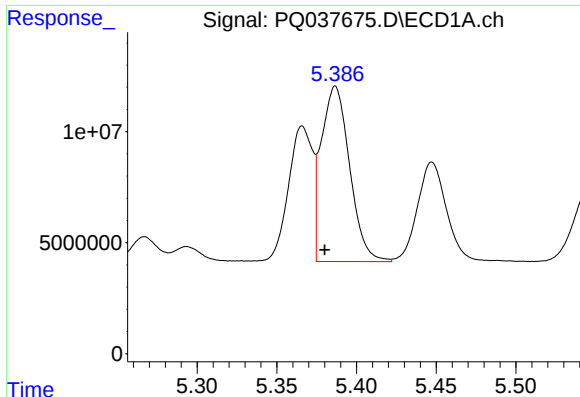
Instrument :
 ECD_Q
 ClientSampleId :
 BF871MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 23:56:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.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	8.425	7.543	61220527	69828885	49.698	116.762 #
43) L9	AR-1268-3	8.634	7.735	3619108	1826537	3.303	3.669
44) L9	AR-1268-4	9.038	8.035	43242212	20051556	108.415	102.303
45) L9	AR-1268-5	9.398	8.310	13476172	6751036	4.146	4.387

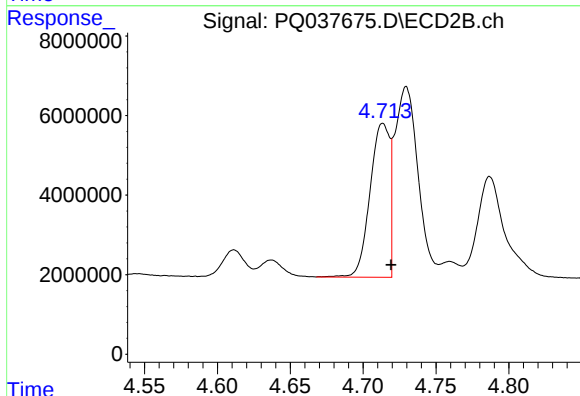
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

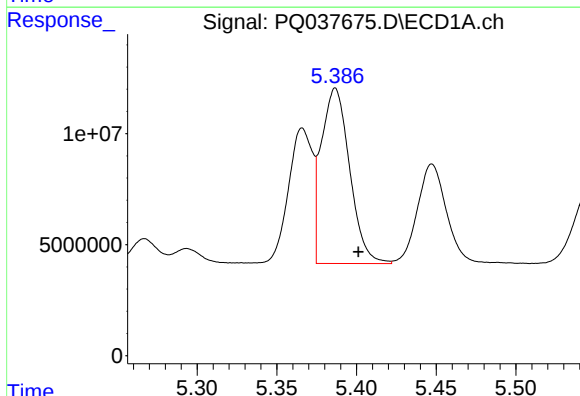
R.T.: 5.387 min
Delta R.T.: 0.007 min
Response: 98082223
Conc: 339.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



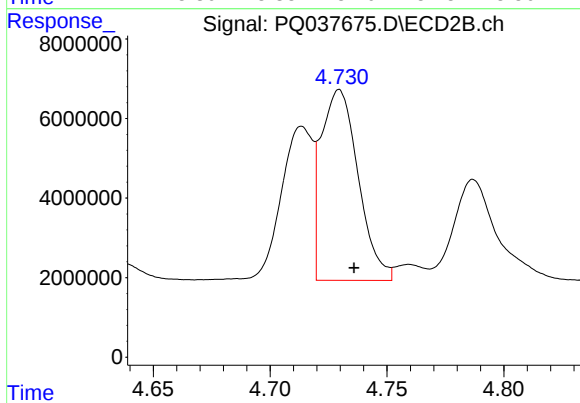
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: -0.006 min
Response: 36235973
Conc: 234.87 ng/ml



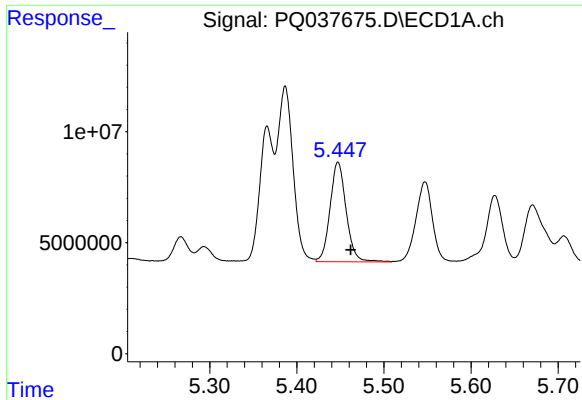
#4 AR-1016-2

R.T.: 5.387 min
Delta R.T.: -0.014 min
Response: 98082223
Conc: 219.48 ng/ml



#4 AR-1016-2

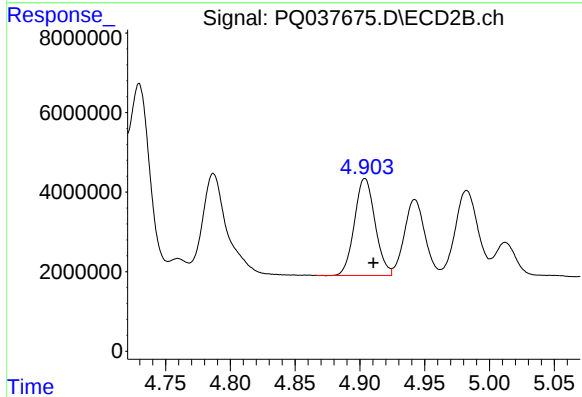
R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 53104897
Conc: 221.23 ng/ml



#5 AR-1016-3

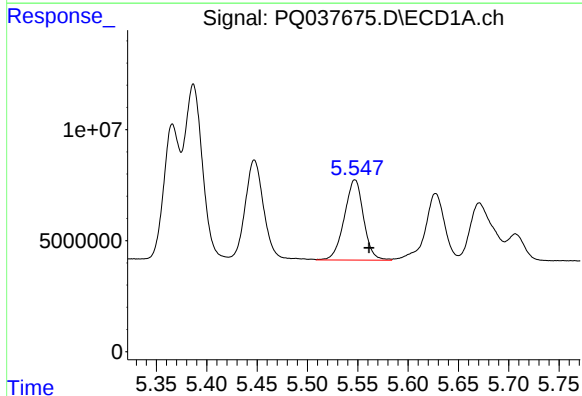
R.T.: 5.447 min
Delta R.T.: -0.015 min
Response: 57760800
Conc: 219.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



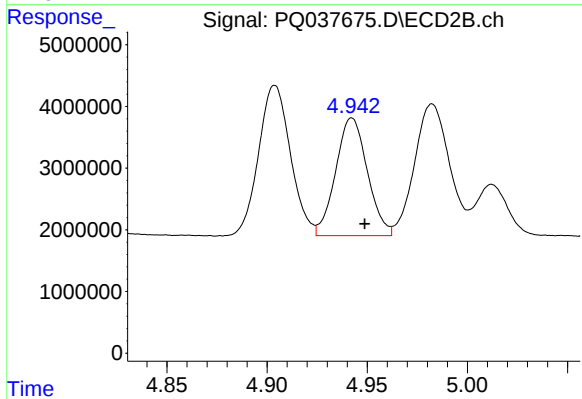
#5 AR-1016-3

R.T.: 4.904 min
Delta R.T.: -0.007 min
Response: 26925877
Conc: 221.12 ng/ml



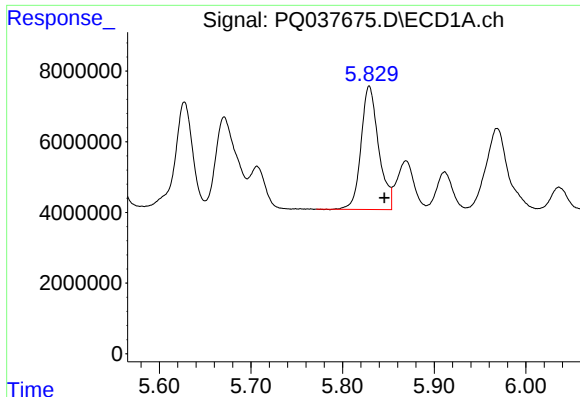
#6 AR-1016-4

R.T.: 5.547 min
Delta R.T.: -0.014 min
Response: 48131288
Conc: 218.93 ng/ml



#6 AR-1016-4

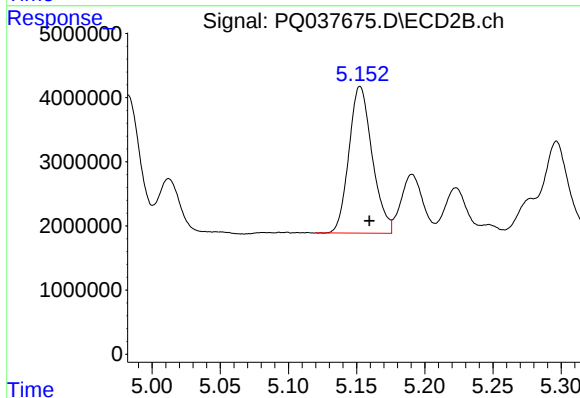
R.T.: 4.942 min
Delta R.T.: -0.006 min
Response: 21033110
Conc: 225.21 ng/ml



#7 AR-1016-5

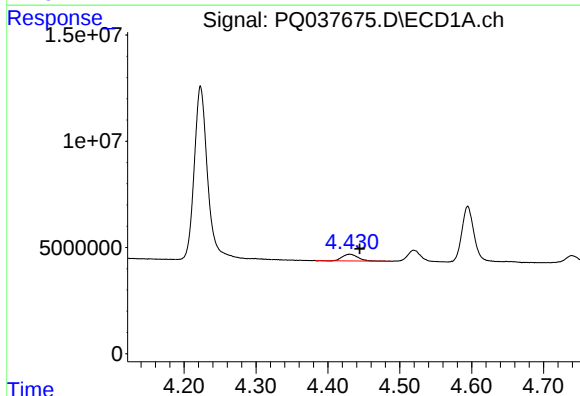
R.T.: 5.829 min
Delta R.T.: -0.016 min
Response: 46541586
Conc: 216.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



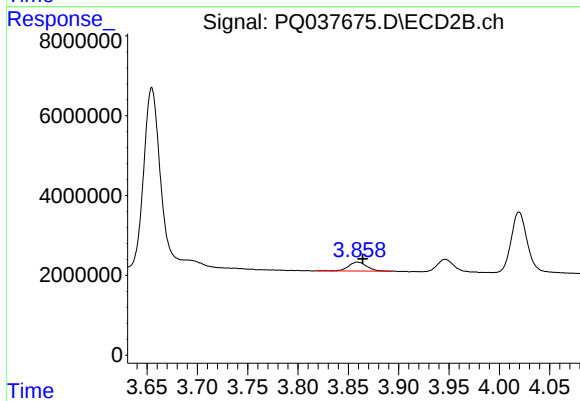
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 27179322
Conc: 216.99 ng/ml



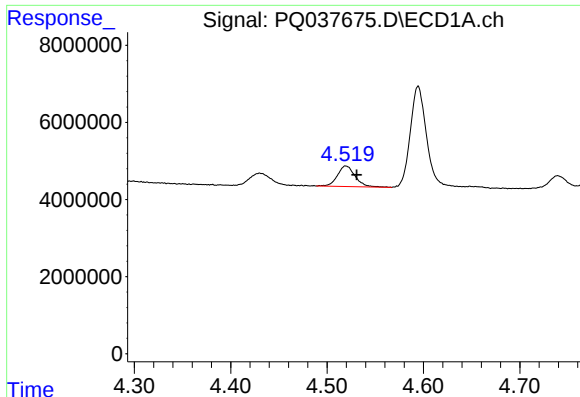
#8 AR-1221-1

R.T.: 4.430 min
Delta R.T.: -0.014 min
Response: 4788413
Conc: 76.42 ng/ml



#8 AR-1221-1

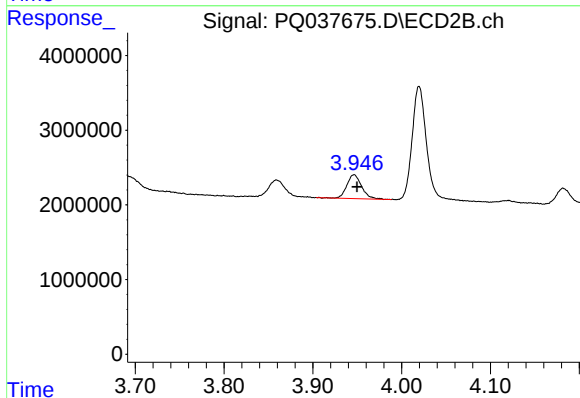
R.T.: 3.859 min
Delta R.T.: -0.005 min
Response: 2818453
Conc: 82.83 ng/ml



#9 AR-1221-2

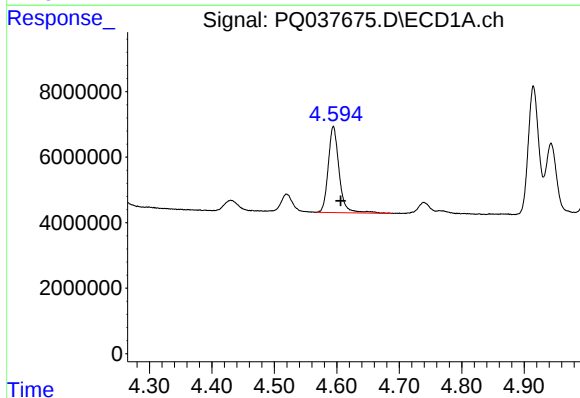
R.T.: 4.520 min
Delta R.T.: -0.011 min
Response: 6825645
Conc: 155.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



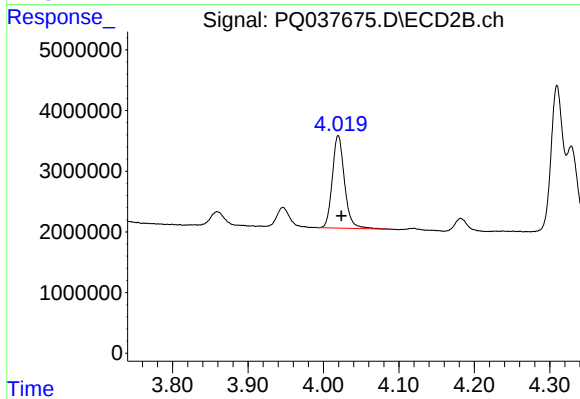
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 3696350
Conc: 154.11 ng/ml



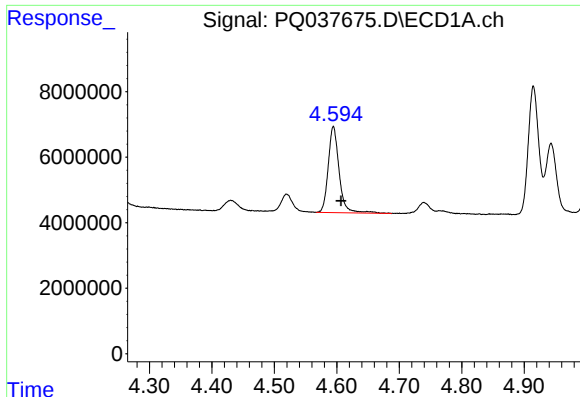
#10 AR-1221-3

R.T.: 4.595 min
Delta R.T.: -0.012 min
Response: 32012532
Conc: 208.27 ng/ml



#10 AR-1221-3

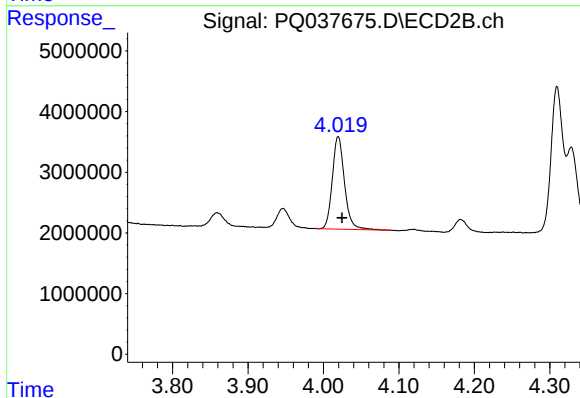
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 17147710
Conc: 202.77 ng/ml



#11 AR-1232-1

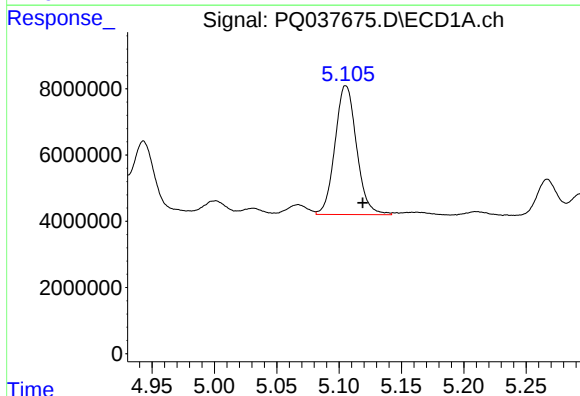
R.T.: 4.595 min
Delta R.T.: -0.012 min
Response: 32012532
Conc: 280.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



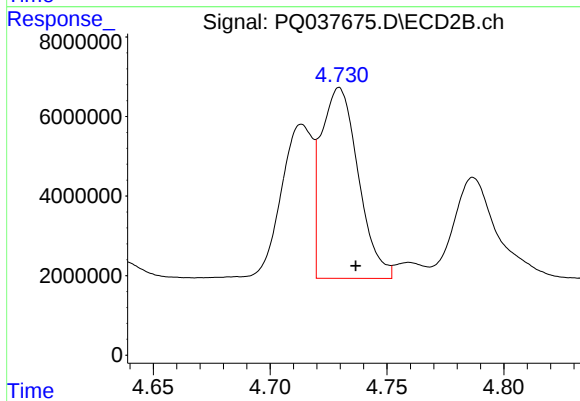
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 17147710
Conc: 277.01 ng/ml



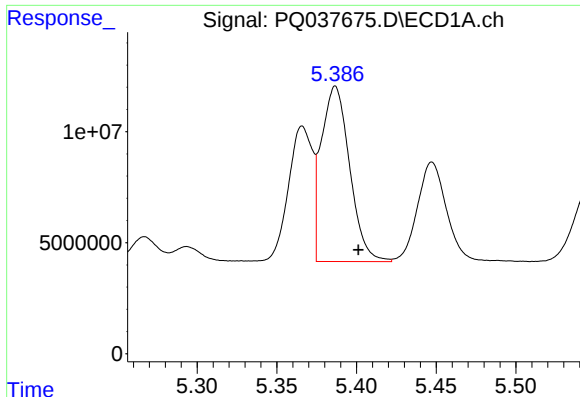
#12 AR-1232-2

R.T.: 5.105 min
Delta R.T.: -0.014 min
Response: 46916650
Conc: 802.51 ng/ml



#12 AR-1232-2

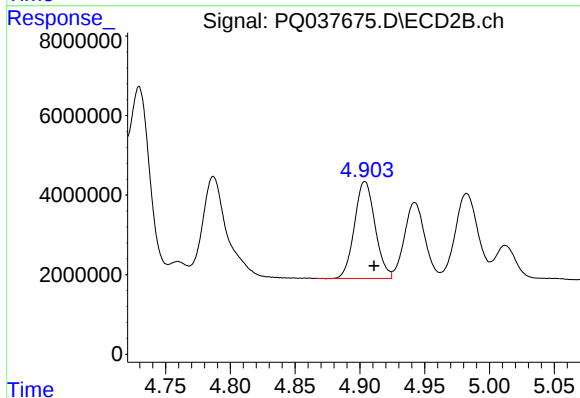
R.T.: 4.730 min
Delta R.T.: -0.007 min
Response: 53104897
Conc: 772.85 ng/ml



#13 AR-1232-3

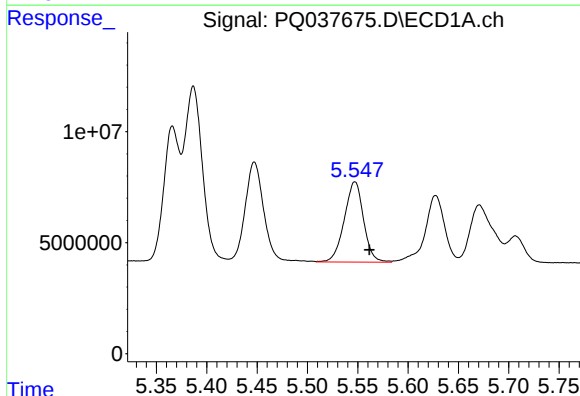
R.T.: 5.387 min
Delta R.T.: -0.014 min
Response: 98082223
Conc: 785.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



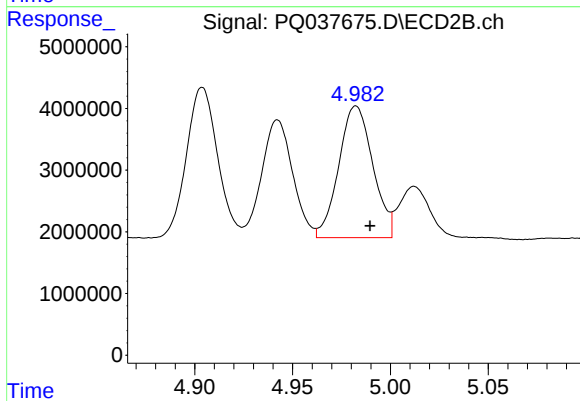
#13 AR-1232-3

R.T.: 4.904 min
Delta R.T.: -0.007 min
Response: 26925877
Conc: 773.19 ng/ml



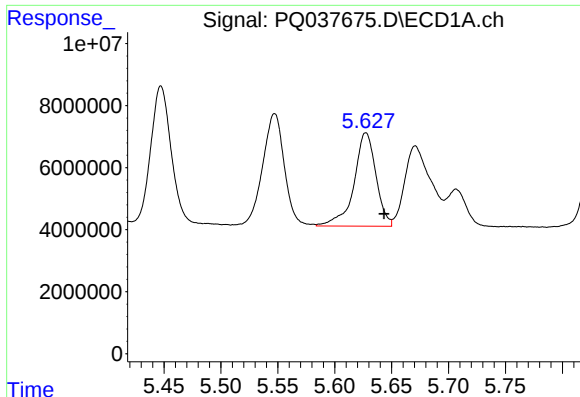
#14 AR-1232-4

R.T.: 5.547 min
Delta R.T.: -0.015 min
Response: 48131288
Conc: 753.19 ng/ml



#14 AR-1232-4

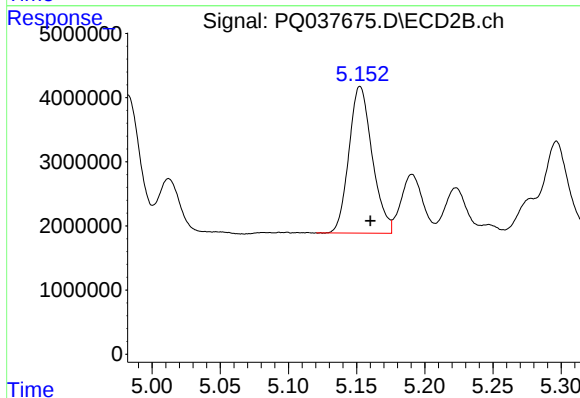
R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 25881519
Conc: 877.77 ng/ml



#15 AR-1232-5

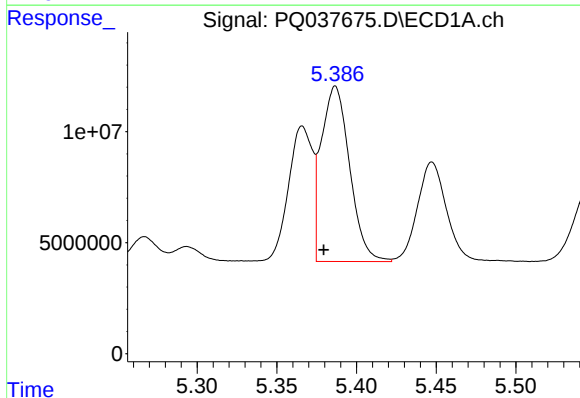
R.T.: 5.627 min
Delta R.T.: -0.016 min
Response: 40525270
Conc: 888.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



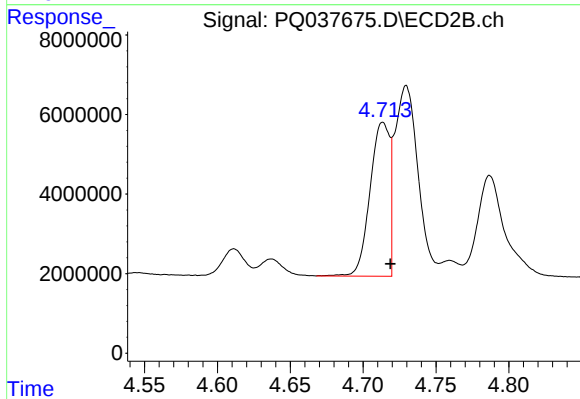
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 27179322
Conc: 799.77 ng/ml



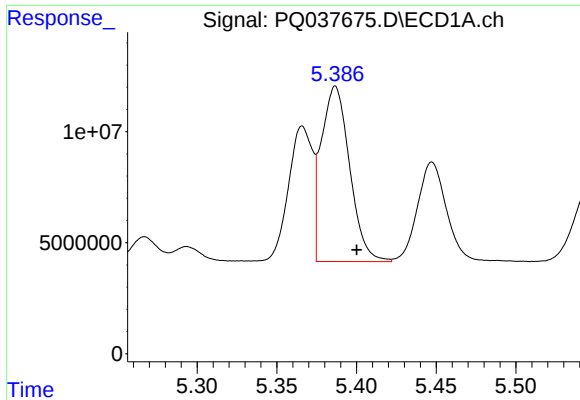
#16 AR-1242-1

R.T.: 5.387 min
Delta R.T.: 0.007 min
Response: 98082223
Conc: 597.93 ng/ml



#16 AR-1242-1

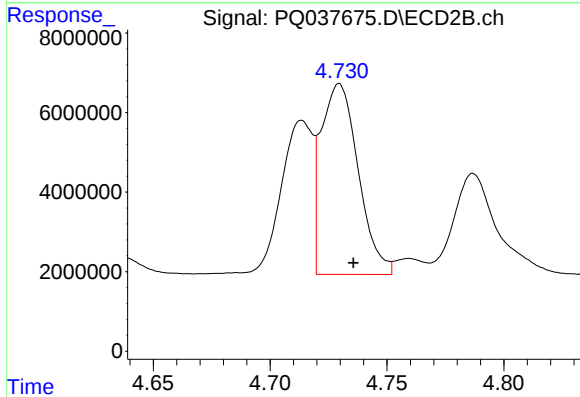
R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 36235973
Conc: 403.40 ng/ml



#17 AR-1242-2

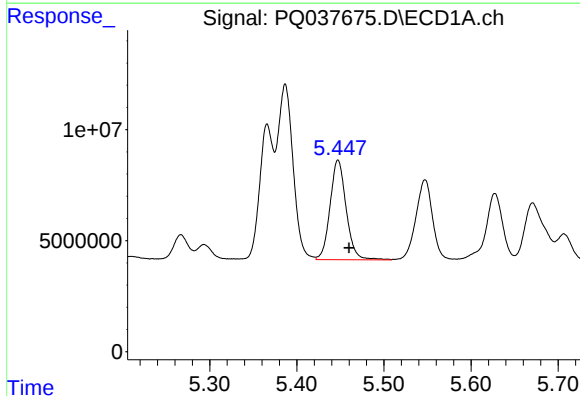
R.T.: 5.387 min
Delta R.T.: -0.013 min
Response: 98082223
Conc: 389.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



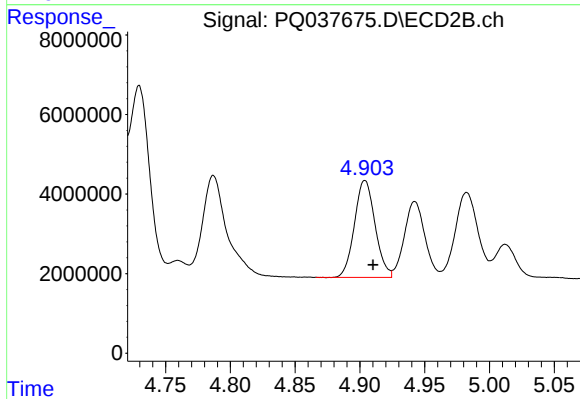
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.006 min
Response: 53104897
Conc: 389.43 ng/ml



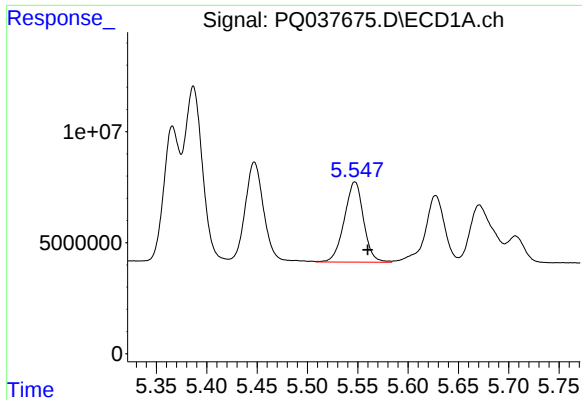
#18 AR-1242-3

R.T.: 5.447 min
Delta R.T.: -0.013 min
Response: 57760800
Conc: 381.86 ng/ml



#18 AR-1242-3

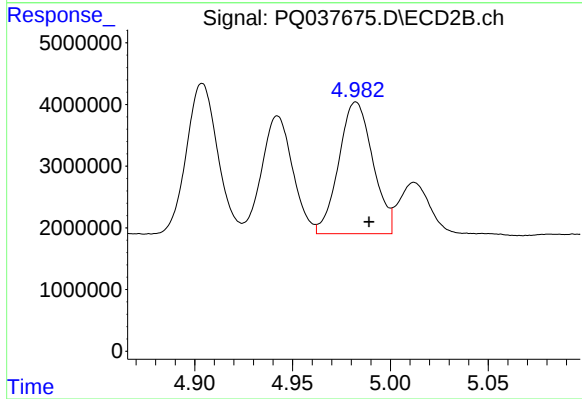
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 26925877
Conc: 381.76 ng/ml



#19 AR-1242-4

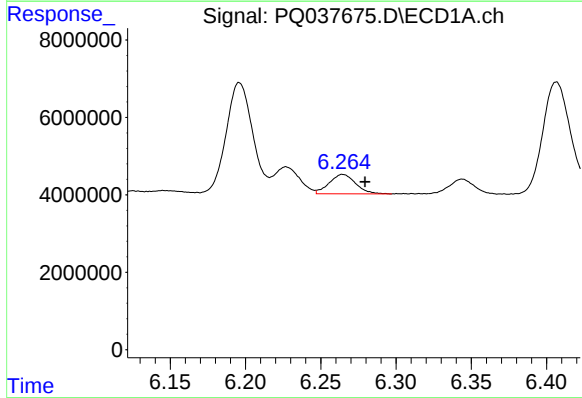
R.T.: 5.547 min
Delta R.T.: -0.013 min
Response: 48131288
Conc: 382.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



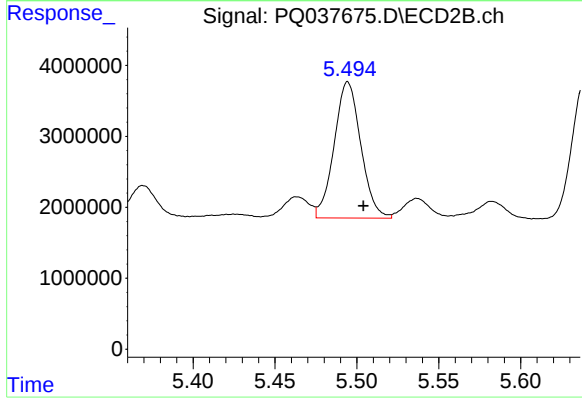
#19 AR-1242-4

R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 25881519
Conc: 377.20 ng/ml



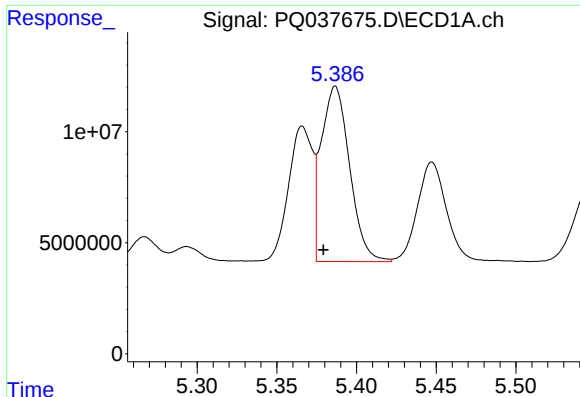
#20 AR-1242-5

R.T.: 6.265 min
Delta R.T.: -0.015 min
Response: 6117337
Conc: 44.08 ng/ml



#20 AR-1242-5

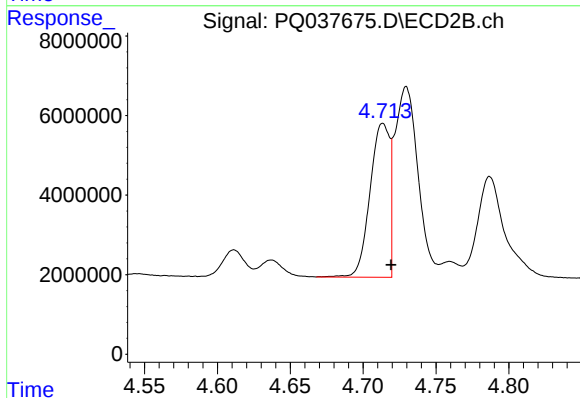
R.T.: 5.494 min
Delta R.T.: -0.009 min
Response: 21745400
Conc: 248.72 ng/ml



#21 AR-1248-1

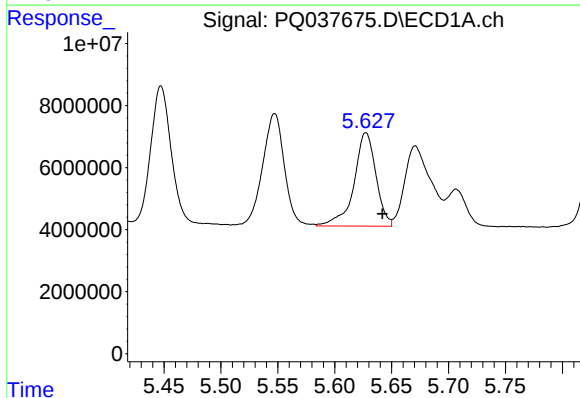
R.T.: 5.387 min
Delta R.T.: 0.008 min
Response: 98082223
Conc: 833.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



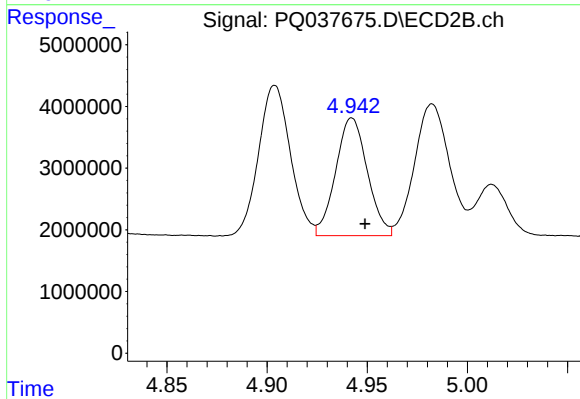
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: -0.006 min
Response: 36235973
Conc: 543.20 ng/ml



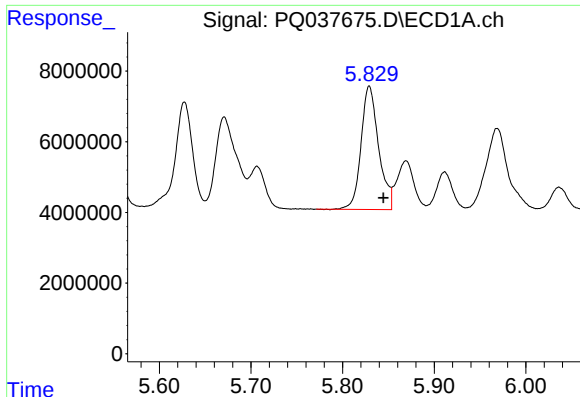
#22 AR-1248-2

R.T.: 5.627 min
Delta R.T.: -0.015 min
Response: 40525270
Conc: 236.22 ng/ml



#22 AR-1248-2

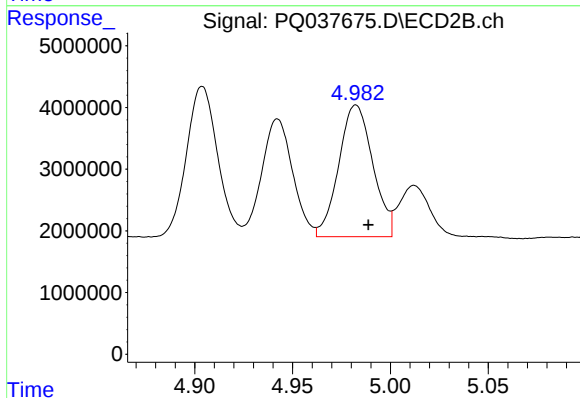
R.T.: 4.942 min
Delta R.T.: -0.007 min
Response: 21033110
Conc: 232.66 ng/ml



#23 AR-1248-3

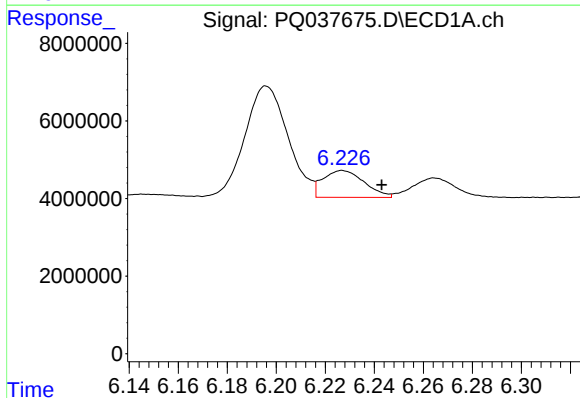
R.T.: 5.829 min
Delta R.T.: -0.015 min
Response: 46541586
Conc: 239.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



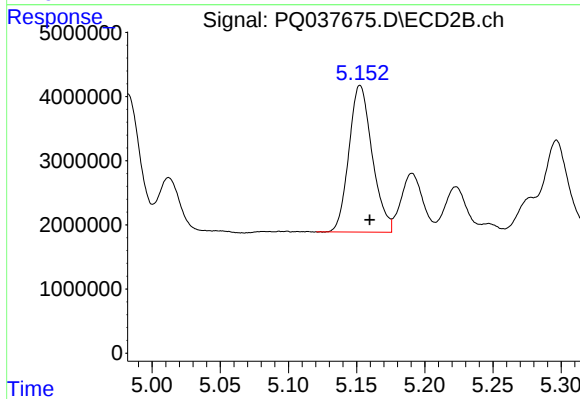
#23 AR-1248-3

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 25881519
Conc: 280.43 ng/ml



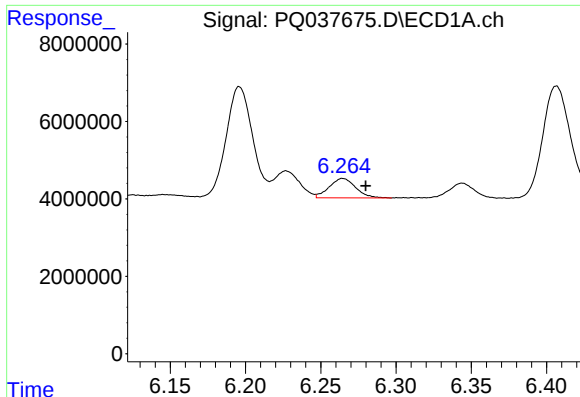
#24 AR-1248-4

R.T.: 6.227 min
Delta R.T.: -0.016 min
Response: 8082641
Conc: 35.55 ng/ml



#24 AR-1248-4

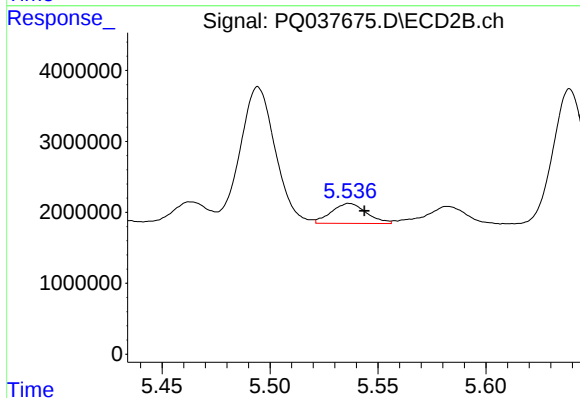
R.T.: 5.153 min
Delta R.T.: -0.007 min
Response: 27179322
Conc: 239.51 ng/ml



#25 AR-1248-5

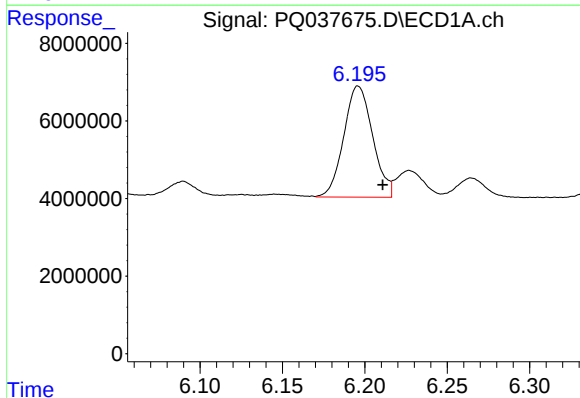
R.T.: 6.265 min
Delta R.T.: -0.015 min
Response: 6117337
Conc: 28.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



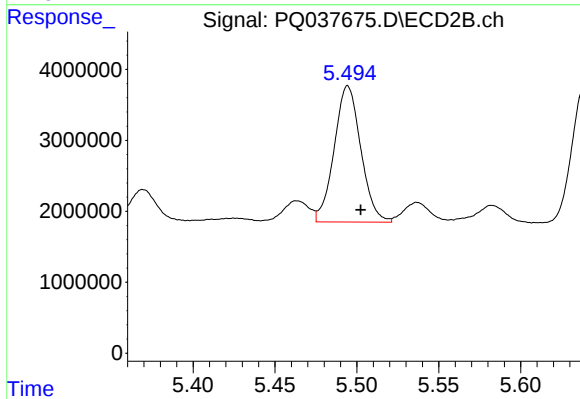
#25 AR-1248-5

R.T.: 5.537 min
Delta R.T.: -0.007 min
Response: 3178325
Conc: 28.95 ng/ml



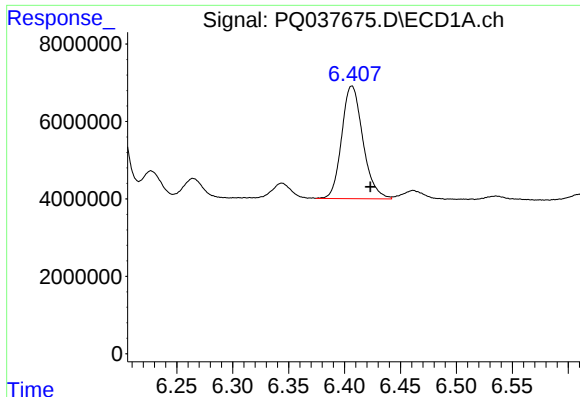
#26 AR-1254-1

R.T.: 6.196 min
Delta R.T.: -0.015 min
Response: 34961622
Conc: 165.08 ng/ml



#26 AR-1254-1

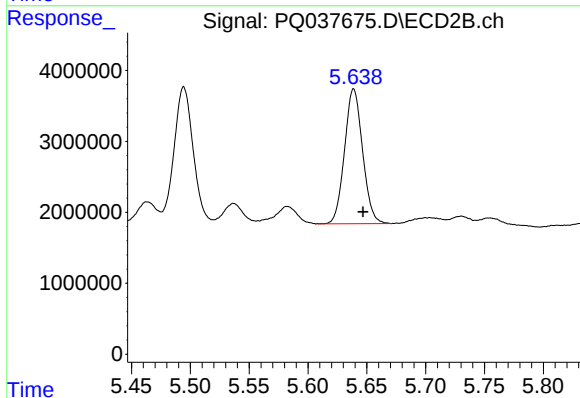
R.T.: 5.494 min
Delta R.T.: -0.008 min
Response: 21745400
Conc: 131.14 ng/ml



#27 AR-1254-2

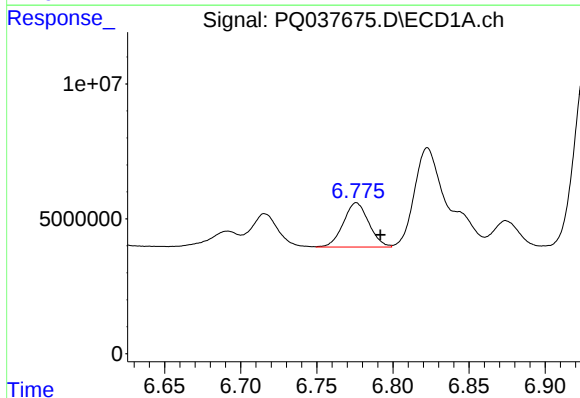
R.T.: 6.407 min
Delta R.T.: -0.017 min
Response: 38482350
Conc: 114.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



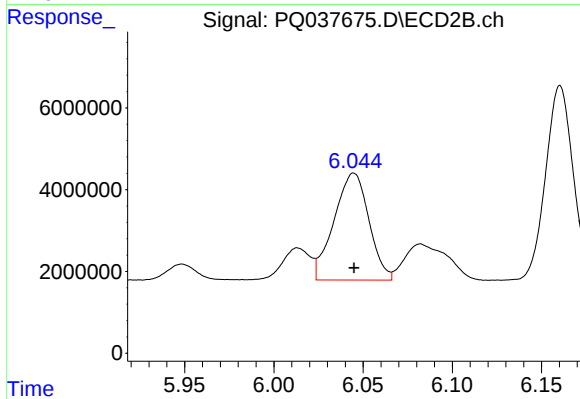
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: -0.008 min
Response: 20308485
Conc: 142.60 ng/ml



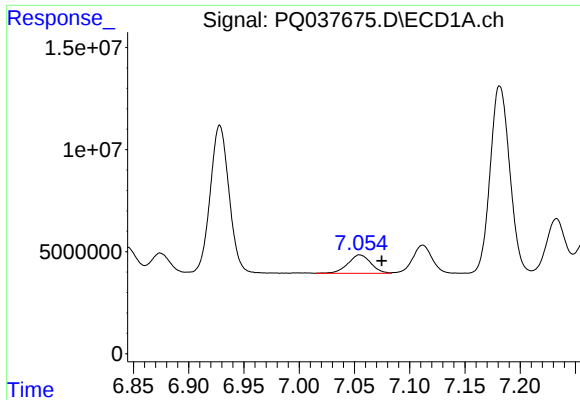
#28 AR-1254-3

R.T.: 6.776 min
Delta R.T.: -0.016 min
Response: 19125068
Conc: 55.11 ng/ml



#28 AR-1254-3

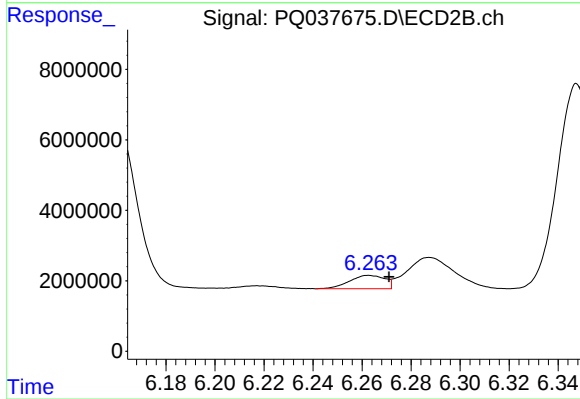
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 35589136
Conc: 155.98 ng/ml



#29 AR-1254-4

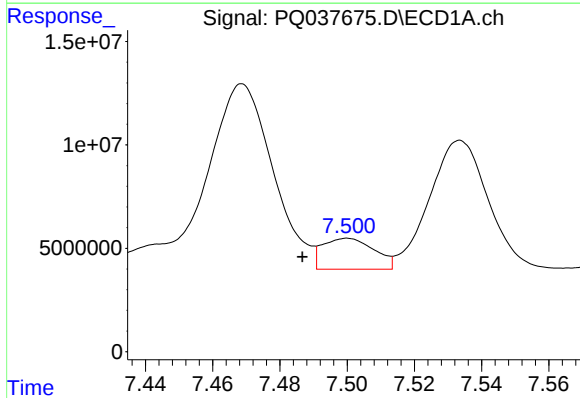
R.T.: 7.055 min
Delta R.T.: -0.020 min
Response: 13037357
Conc: 47.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



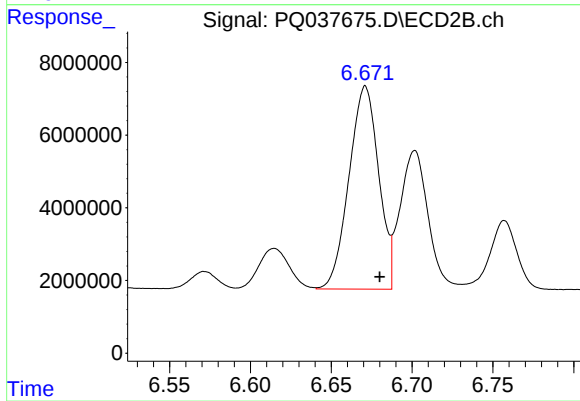
#29 AR-1254-4

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 3824283
Conc: 22.27 ng/ml



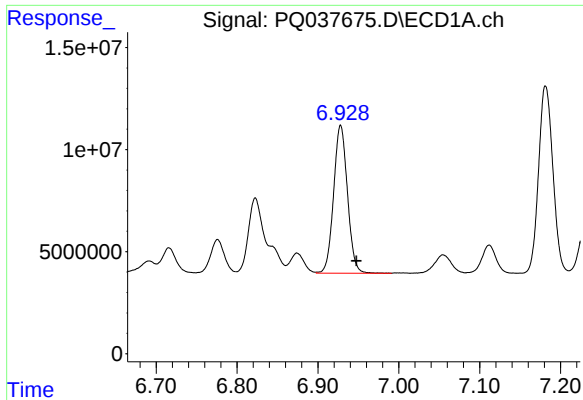
#30 AR-1254-5

R.T.: 7.500 min
Delta R.T.: 0.013 min
Response: 15963550
Conc: 57.76 ng/ml



#30 AR-1254-5

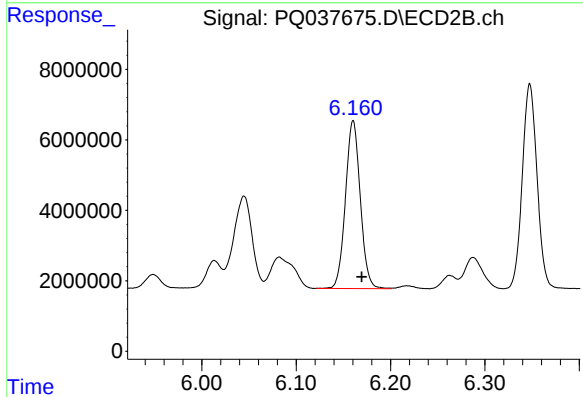
R.T.: 6.671 min
Delta R.T.: -0.009 min
Response: 71367416
Conc: 368.58 ng/ml



#31 AR-1260-1

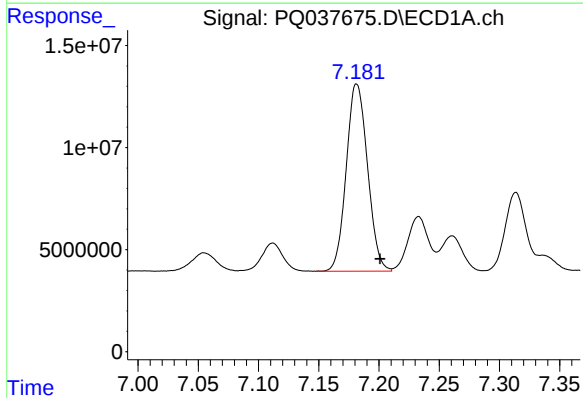
R.T.: 6.928 min
Delta R.T.: -0.020 min
Response: 86148746
Conc: 193.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



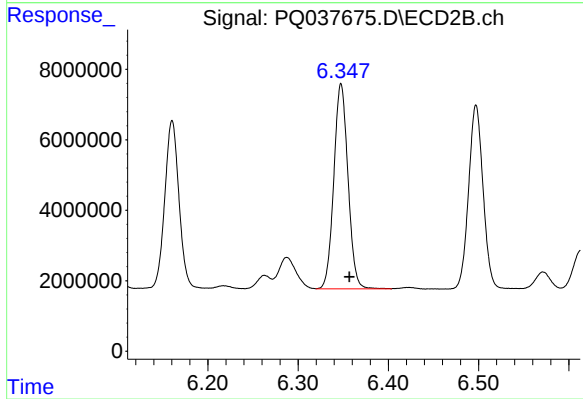
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: -0.009 min
Response: 52043665
Conc: 205.27 ng/ml



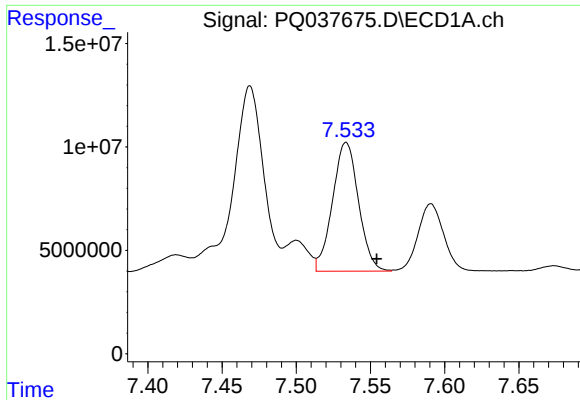
#32 AR-1260-2

R.T.: 7.181 min
Delta R.T.: -0.019 min
Response: 112752606
Conc: 195.01 ng/ml



#32 AR-1260-2

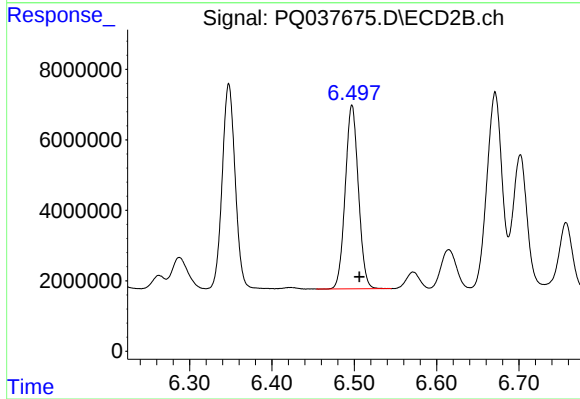
R.T.: 6.348 min
Delta R.T.: -0.009 min
Response: 63413716
Conc: 206.31 ng/ml



#33 AR-1260-3

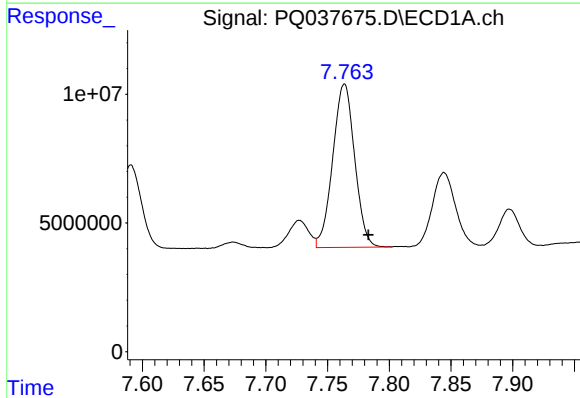
R.T.: 7.534 min
Delta R.T.: -0.021 min
Response: 76006038
Conc: 170.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



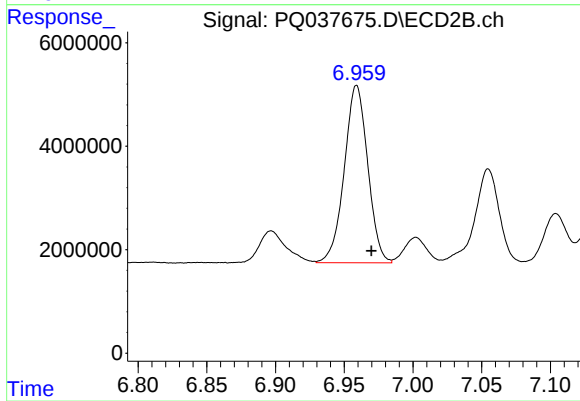
#33 AR-1260-3

R.T.: 6.497 min
Delta R.T.: -0.009 min
Response: 57887686
Conc: 203.85 ng/ml



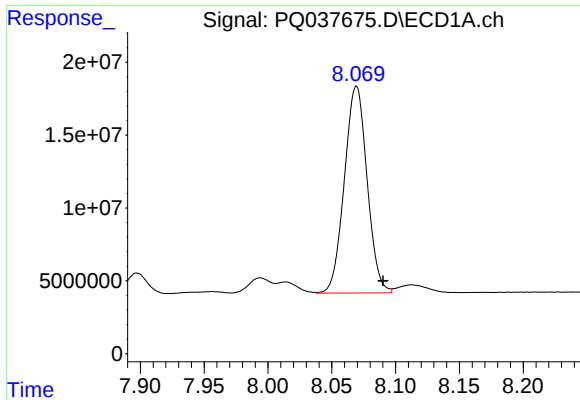
#34 AR-1260-4

R.T.: 7.764 min
Delta R.T.: -0.019 min
Response: 78369590
Conc: 178.93 ng/ml



#34 AR-1260-4

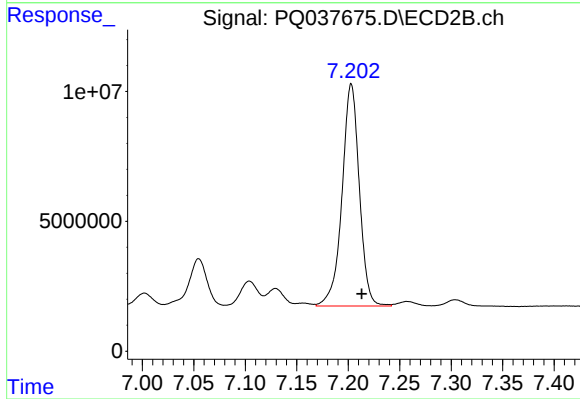
R.T.: 6.959 min
Delta R.T.: -0.011 min
Response: 40749839
Conc: 185.15 ng/ml



#35 AR-1260-5

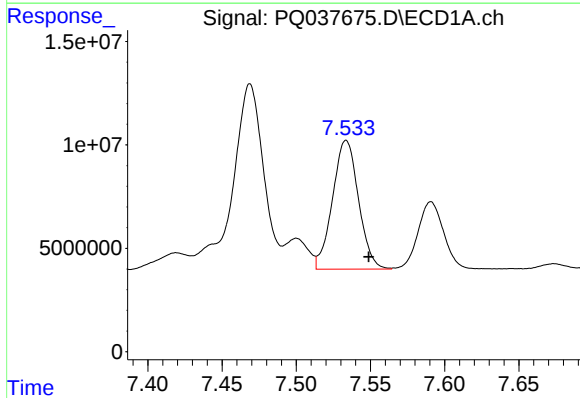
R.T.: 8.069 min
Delta R.T.: -0.021 min
Response: 176078350
Conc: 175.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



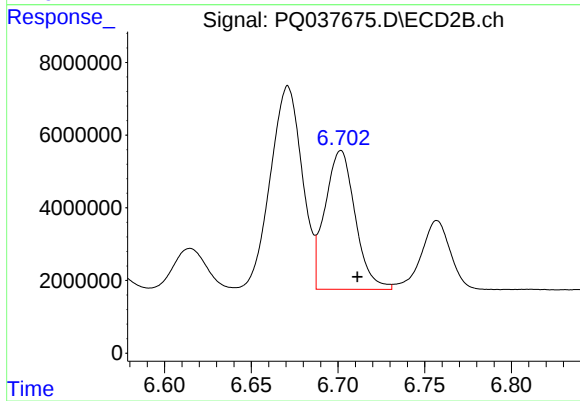
#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.010 min
Response: 100181873
Conc: 189.74 ng/ml



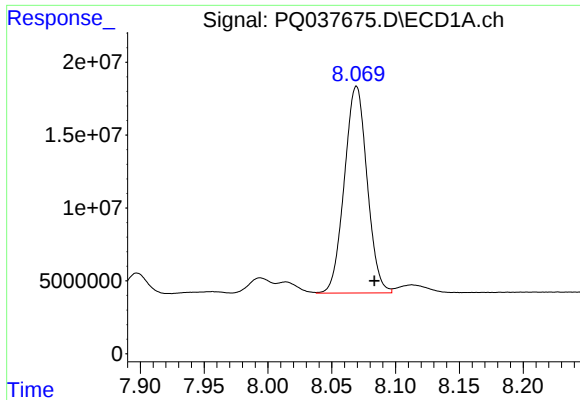
#36 AR-1262-1

R.T.: 7.534 min
Delta R.T.: -0.015 min
Response: 76006038
Conc: 190.29 ng/ml



#36 AR-1262-1

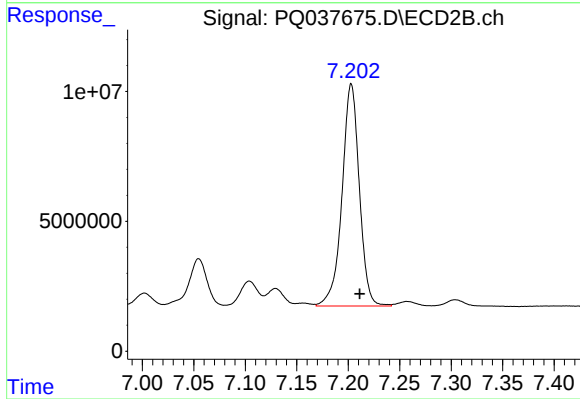
R.T.: 6.702 min
Delta R.T.: -0.010 min
Response: 46154319
Conc: 220.54 ng/ml



#37 AR-1262-2

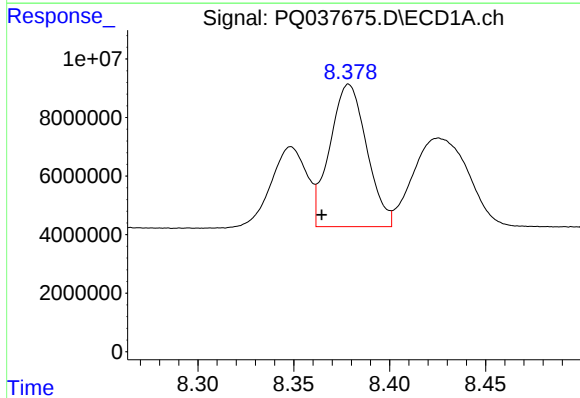
R.T.: 8.069 min
Delta R.T.: -0.014 min
Response: 176078350
Conc: 254.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



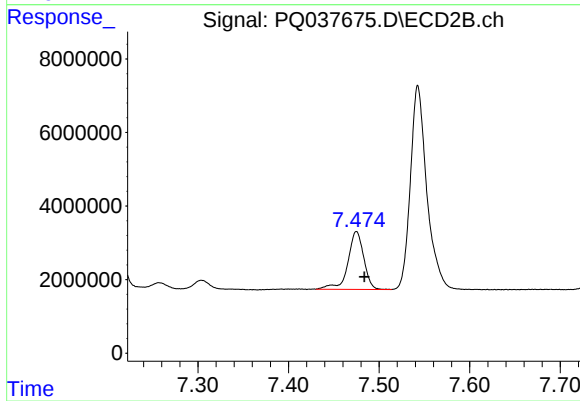
#37 AR-1262-2

R.T.: 7.203 min
Delta R.T.: -0.008 min
Response: 100181873
Conc: 270.43 ng/ml



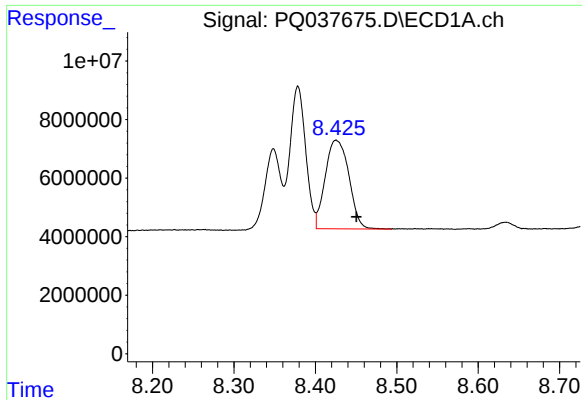
#38 AR-1262-3

R.T.: 8.379 min
Delta R.T.: 0.014 min
Response: 65170270
Conc: 217.65 ng/ml



#38 AR-1262-3

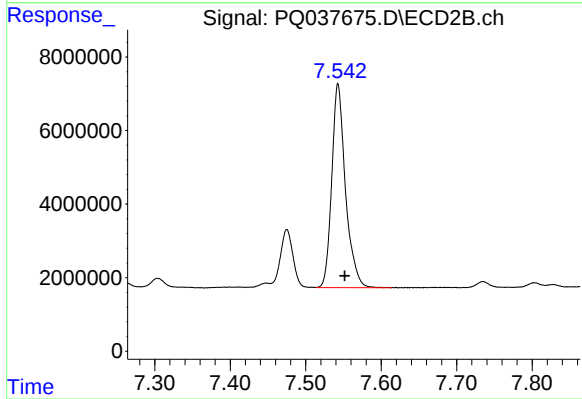
R.T.: 7.475 min
Delta R.T.: -0.009 min
Response: 19084803
Conc: 130.57 ng/ml



#39 AR-1262-4

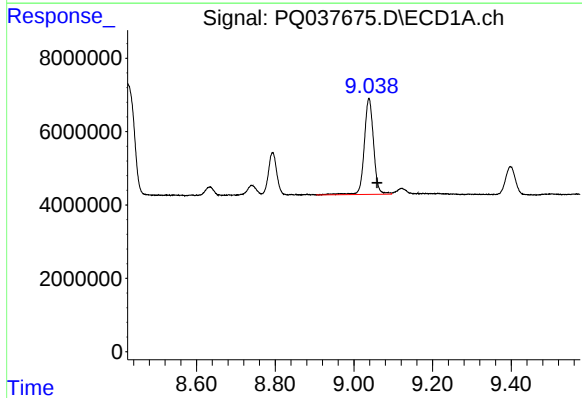
R.T.: 8.425 min
Delta R.T.: -0.025 min
Response: 61220527
Conc: 174.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



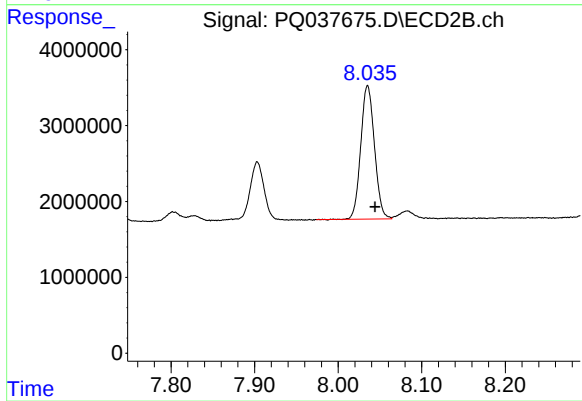
#39 AR-1262-4

R.T.: 7.543 min
Delta R.T.: -0.009 min
Response: 69828885
Conc: 261.84 ng/ml



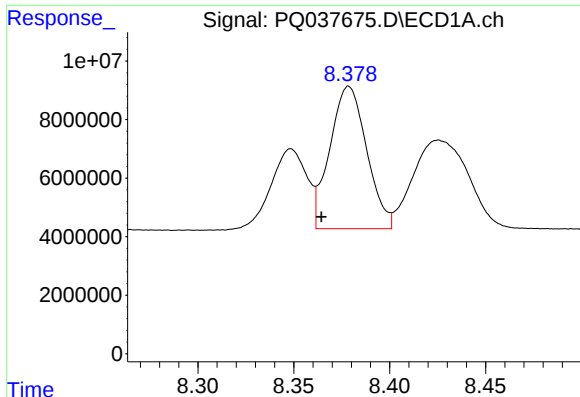
#40 AR-1262-5

R.T.: 9.038 min
Delta R.T.: -0.020 min
Response: 43242212
Conc: 181.32 ng/ml



#40 AR-1262-5

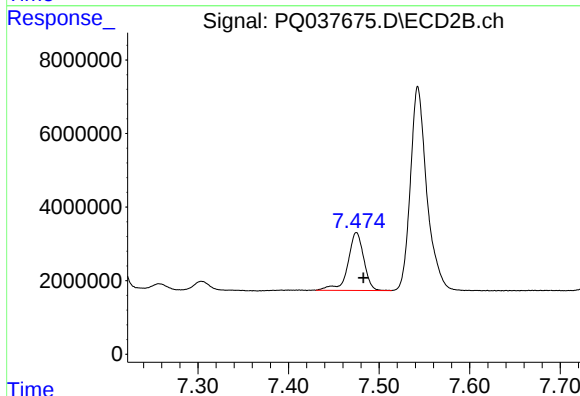
R.T.: 8.035 min
Delta R.T.: -0.009 min
Response: 20051556
Conc: 171.63 ng/ml



#41 AR-1268-1

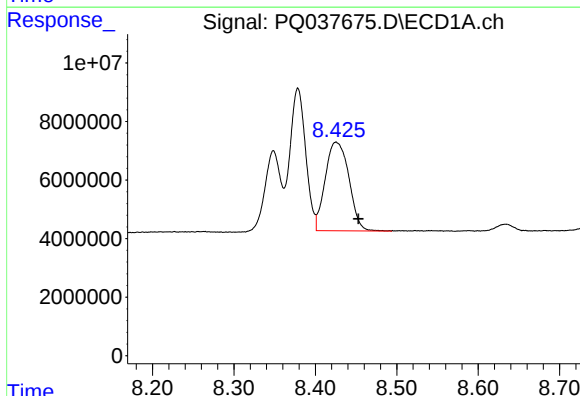
R.T.: 8.379 min
Delta R.T.: 0.014 min
Response: 65170270
Conc: 48.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



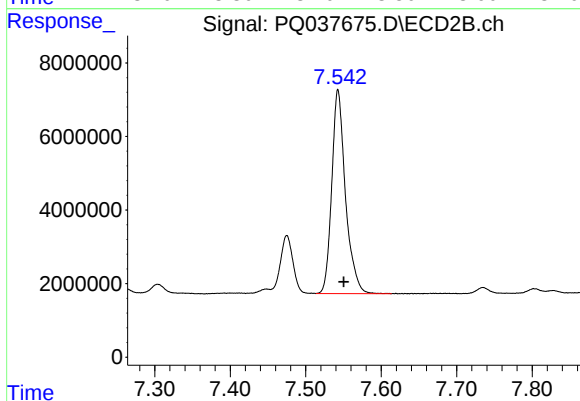
#41 AR-1268-1

R.T.: 7.475 min
Delta R.T.: -0.008 min
Response: 19084803
Conc: 29.14 ng/ml



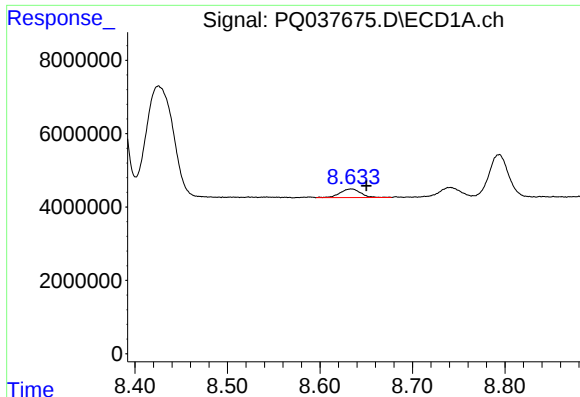
#42 AR-1268-2

R.T.: 8.425 min
Delta R.T.: -0.028 min
Response: 61220527
Conc: 49.70 ng/ml



#42 AR-1268-2

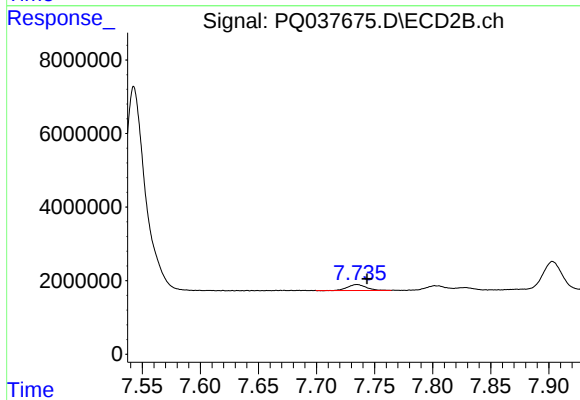
R.T.: 7.543 min
Delta R.T.: -0.008 min
Response: 69828885
Conc: 116.76 ng/ml



#43 AR-1268-3

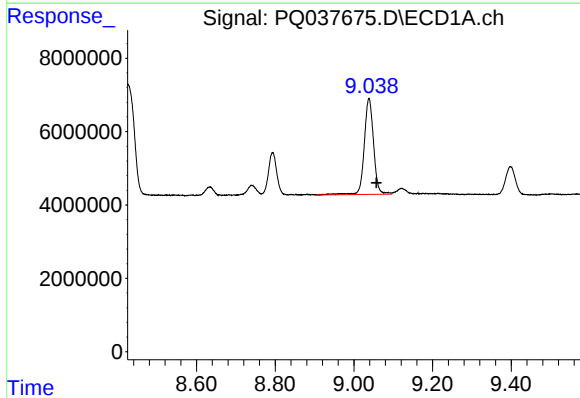
R.T.: 8.634 min
Delta R.T.: -0.016 min
Response: 3619108
Conc: 3.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



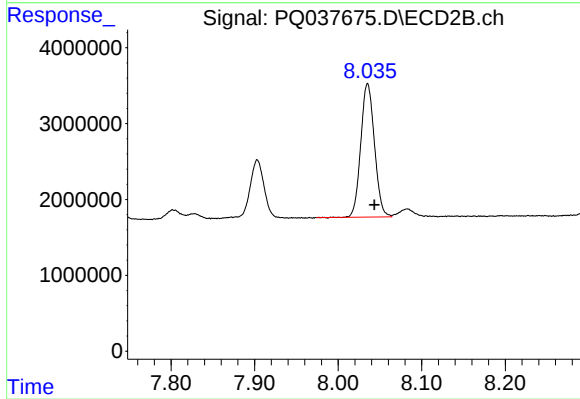
#43 AR-1268-3

R.T.: 7.735 min
Delta R.T.: -0.009 min
Response: 1826537
Conc: 3.67 ng/ml



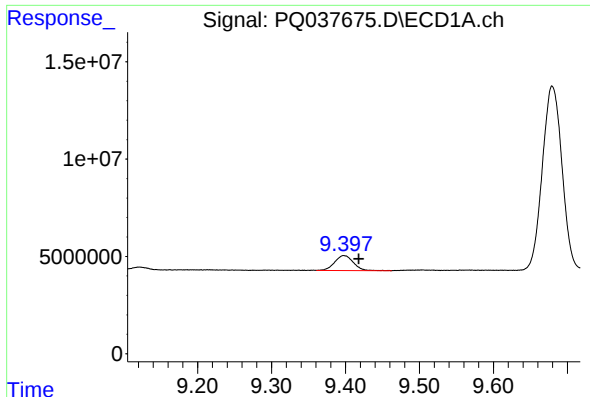
#44 AR-1268-4

R.T.: 9.038 min
Delta R.T.: -0.019 min
Response: 43242212
Conc: 108.41 ng/ml



#44 AR-1268-4

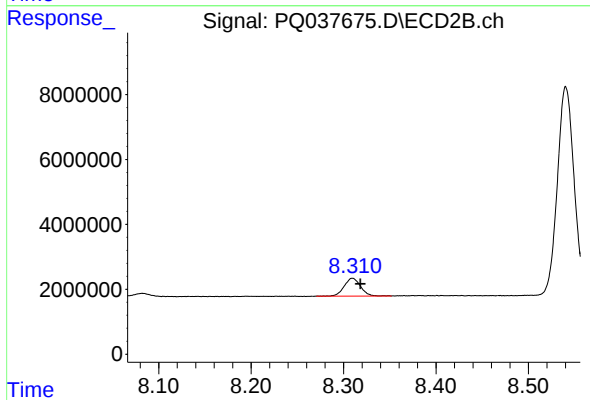
R.T.: 8.035 min
Delta R.T.: -0.008 min
Response: 20051556
Conc: 102.30 ng/ml



#45 AR-1268-5

R.T.: 9.398 min
Delta R.T.: -0.020 min
Response: 13476172
Conc: 4.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF871MS



#45 AR-1268-5

R.T.: 8.310 min
Delta R.T.: -0.009 min
Response: 6751036
Conc: 4.39 ng/ml