

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103018\
 Data File : PQ033916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2018 01:49
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 06:14:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 17:29:03 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...	4.561	3.838	68401688	47421330	33.343	30.489
2)	SA Decachlor...	10.382	8.877	75972567	59396576	40.191	36.948
Target Compounds							
3)	L1 AR-1016-1	5.736	4.928	38340697	31243282	550.637	545.755
4)	L1 AR-1016-2	5.758	4.946	58482681	44725972	567.749	561.293
5)	L1 AR-1016-3	5.821	5.125	33489060	22099290	534.822	532.767
6)	L1 AR-1016-4	5.921	5.164	27320499	17296895	540.555	504.815
7)	L1 AR-1016-5	6.215	5.380	23627525	22827663	458.512	499.610
8)	L2 AR-1221-1	4.766	4.072	70634	33921	2.974	1.835 #
9)	L2 AR-1221-2	4.859	4.139	4304853	306698	261.485	23.187 #
12)	L3 AR-1232-2	5.509	4.978	117392	2419700	4.970	64.350 #
13)	L3 AR-1232-3	5.758	5.164	58482681	17296895	1223.241	883.135 #
14)	L3 AR-1232-4	5.921	5.238	27320499	7266432	1147.004	423.372 #
15)	L3 AR-1232-5	6.055	5.419	25220949	8292665	1414.192	425.262 #
16)	L4 AR-1242-1	5.758	4.946	58482681	44725972	979.991	919.186
17)	L4 AR-1242-2	5.758	4.978	58482681	2419700	673.391	35.848 #
18)	L4 AR-1242-3	5.821	5.164	33489060	17296895	640.463	472.197 #
19)	L4 AR-1242-4	5.921	5.238	27320499	7266432	633.532	197.280 #
20)	L4 AR-1242-5	6.704	5.772	5431467	4996935	110.178	104.017
21)	L5 AR-1248-1	5.758	4.946	58482681	44725972	1179.022	1091.415
22)	L5 AR-1248-2	6.009	5.206	24515850	21616449	333.312	393.460
23)	L5 AR-1248-3	6.256	5.238	8997787	7266432	110.099	129.752
24)	L5 AR-1248-4	6.659	5.419	16231782	8292665	173.284	120.238 #
25)	L5 AR-1248-5	6.659	5.821	16231782	3041144	182.773	43.993 #
26)	L6 AR-1254-1	6.617	5.772	14250821	4996935	143.800	44.354 #
27)	L6 AR-1254-2	6.854	5.928	7629439	1523009	48.819	15.424 #
28)	L6 AR-1254-3	7.179	6.334	25423829	11838332	149.830	71.233 #
29)	L6 AR-1254-4	7.464	6.536	16826724	9506343	136.277	89.348 #
30)	L6 AR-1254-5	7.915	6.961	7135856	33148545	53.905	225.676 #
31)	L7 AR-1260-1	7.341	6.410	57479608	41202807	537.409	438.681
32)	L7 AR-1260-2	7.597	6.597	51256186	49025106	405.908	420.778
33)	L7 AR-1260-3	7.956	6.752	29071700	45443406	373.233	421.386
34)	L7 AR-1260-4	8.187	7.222	37785296	33743242	373.272	438.969
35)	L7 AR-1260-5	8.517	7.463	74467000	82394675	394.365	428.876
36)	L8 AR-1262-1	7.956	7.016	29071700	20773207	215.684	161.642 #
37)	L8 AR-1262-2	8.517	7.519	74467000	8380389	301.147	34.986 #
38)	L8 AR-1262-3	8.858	7.810	36907686	61196353	223.131	656.976 #
39)	L8 AR-1262-4	8.974	7.865	505797	1321439	7.422	7.590
40)	L8 AR-1262-5	9.611	8.357	18591517	-1776262	212.498	N.D. #
41)	L9 AR-1268-1	8.858	7.745	36907686	24869944	100.643	72.742 #
42)	L9 AR-1268-2	8.974	7.865	505797	1321439	1.518	4.276 #
43)	L9 AR-1268-3	9.176	8.065	399606	4390195	1.418	17.160 #

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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
44) L9	AR-1268-4	9.611	8.357	18591517	-1776262	153.879	N.D. #
45) L9	AR-1268-5	10.037	8.615	2828682	4698586	3.059	5.618 #

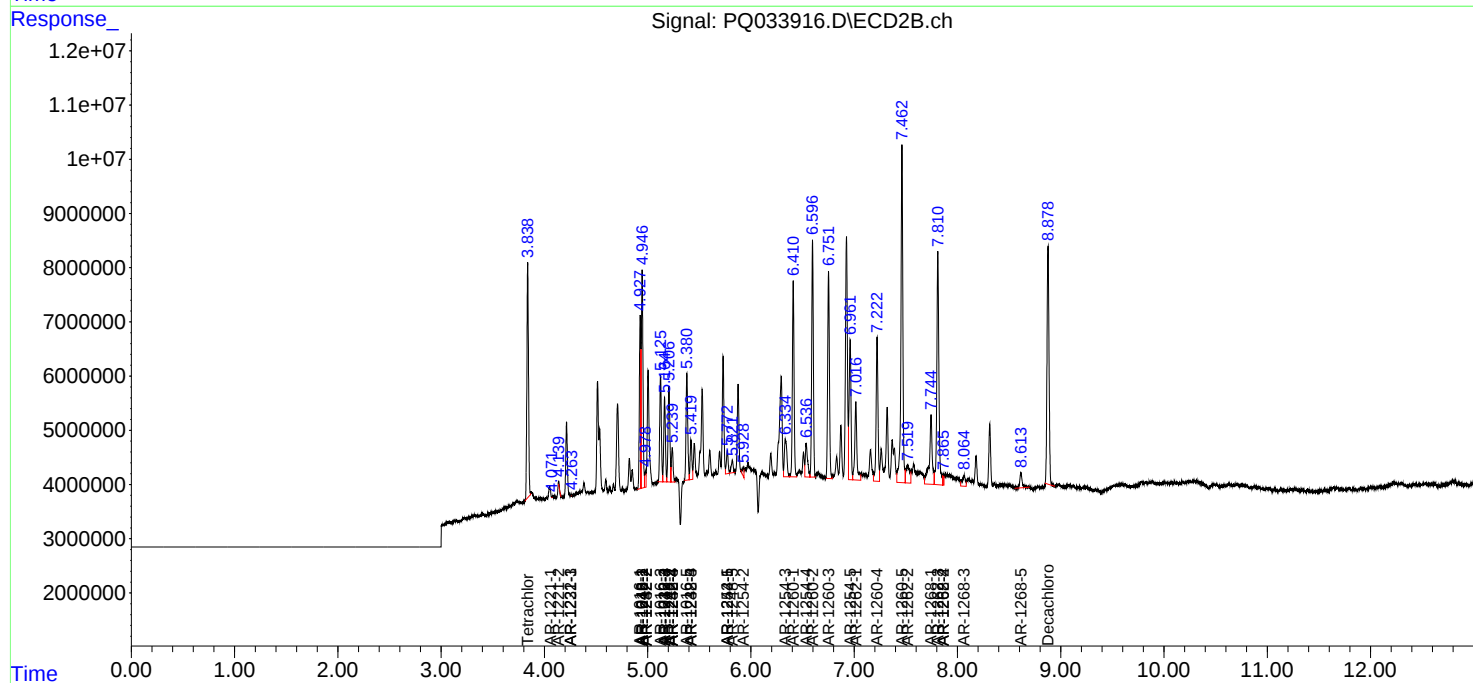
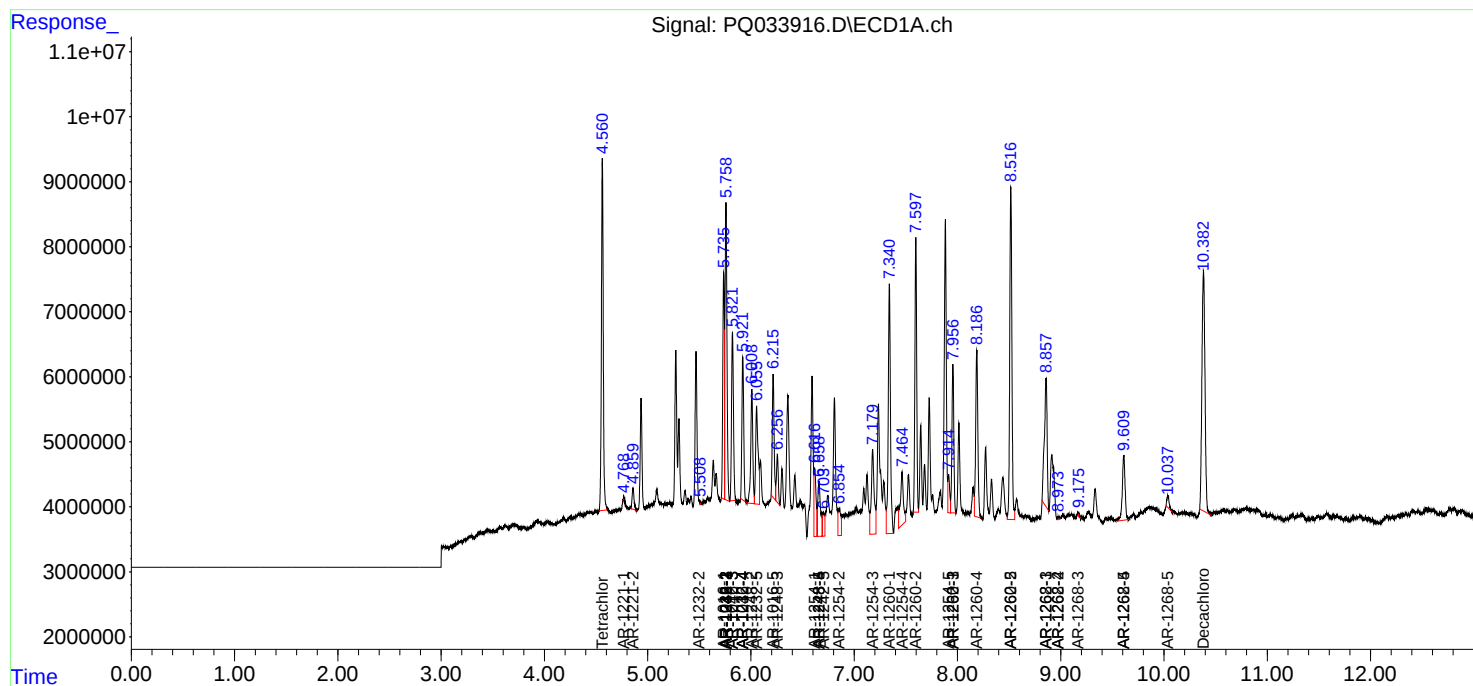
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

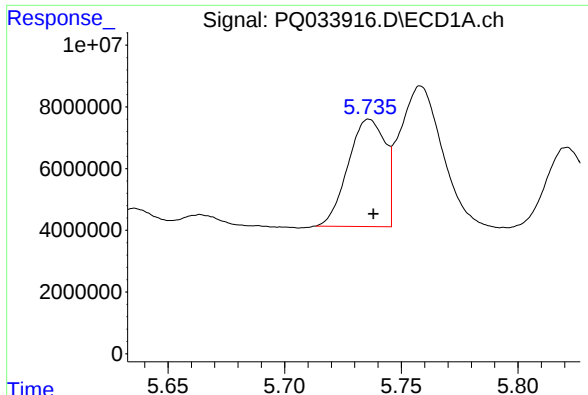
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103018\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

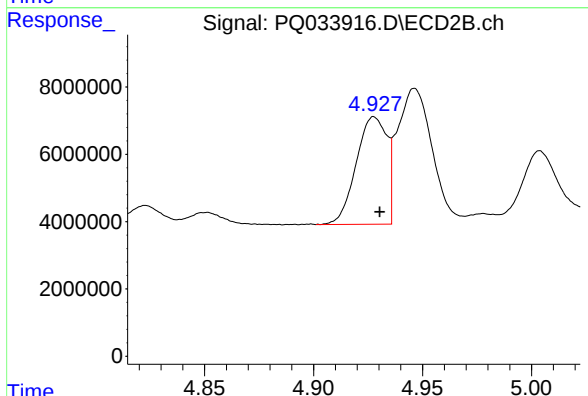




#3 AR-1016-1

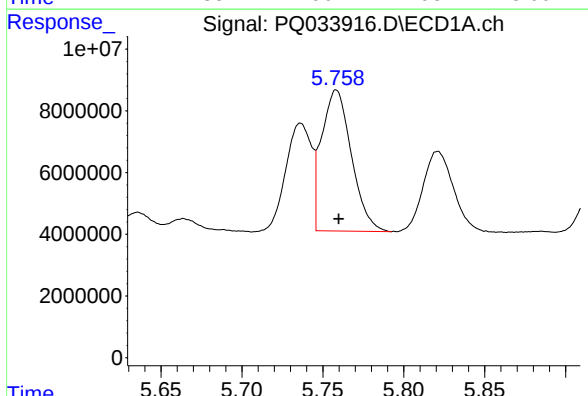
R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 38340697
Conc: 550.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



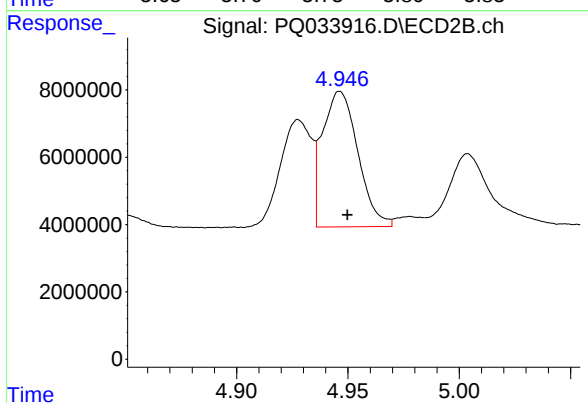
#3 AR-1016-1

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 31243282
Conc: 545.75 ng/ml



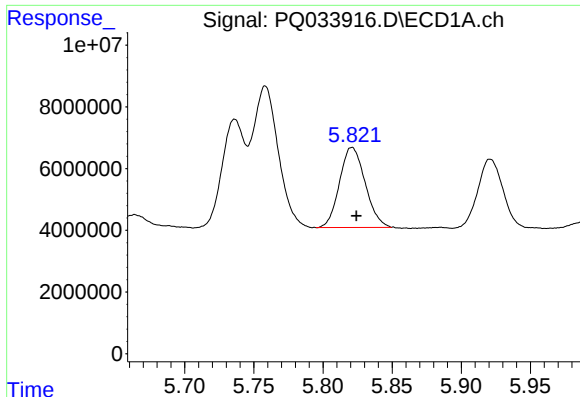
#4 AR-1016-2

R.T.: 5.758 min
Delta R.T.: -0.002 min
Response: 58482681
Conc: 567.75 ng/ml



#4 AR-1016-2

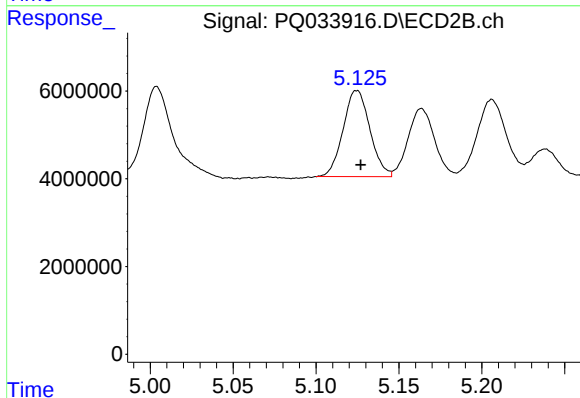
R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 44725972
Conc: 561.29 ng/ml



#5 AR-1016-3

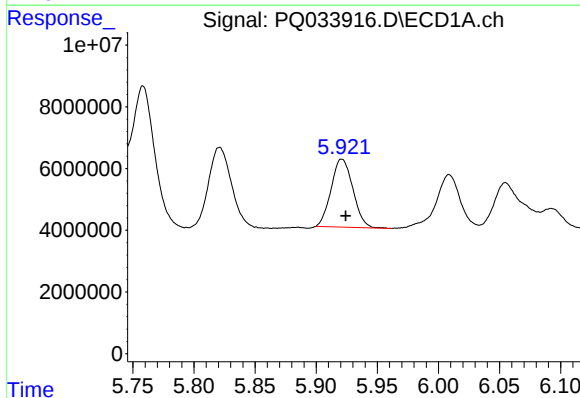
R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 33489060
Conc: 534.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



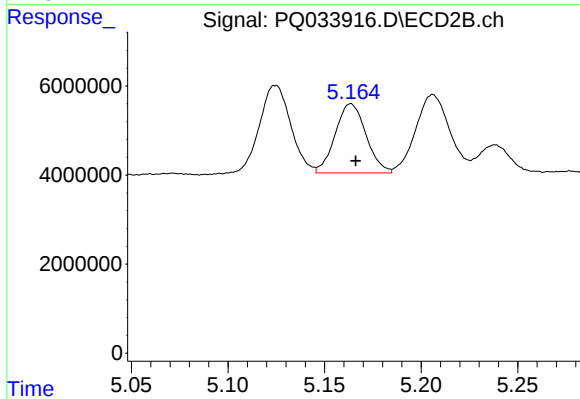
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 22099290
Conc: 532.77 ng/ml



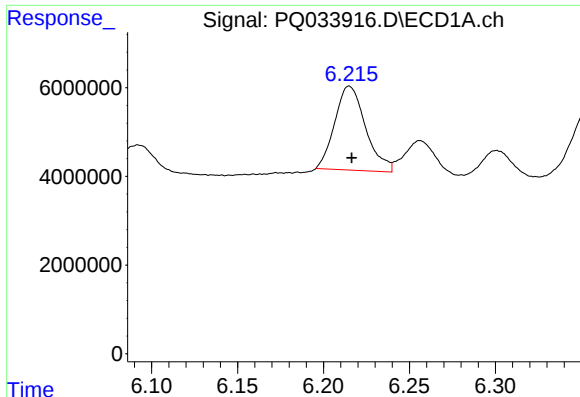
#6 AR-1016-4

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 27320499
Conc: 540.55 ng/ml



#6 AR-1016-4

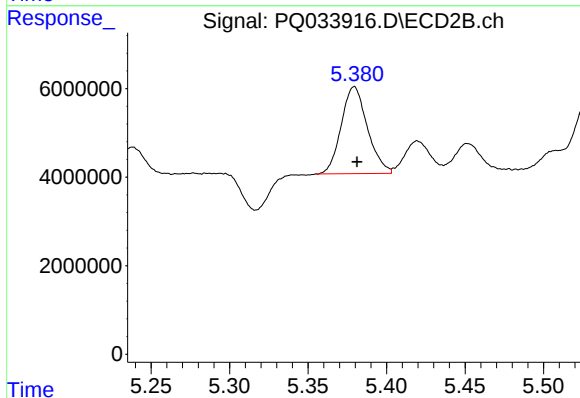
R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 17296895
Conc: 504.81 ng/ml



#7 AR-1016-5

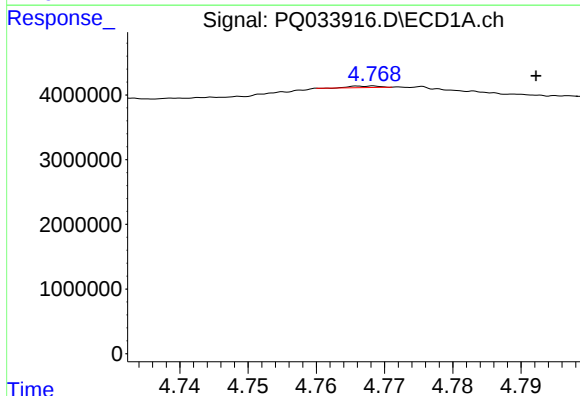
R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 23627525
Conc: 458.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



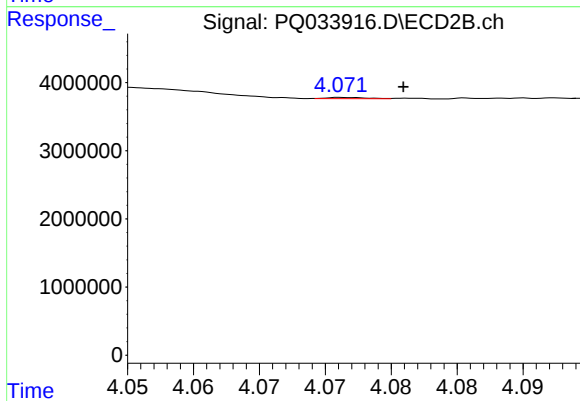
#7 AR-1016-5

R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 22827663
Conc: 499.61 ng/ml



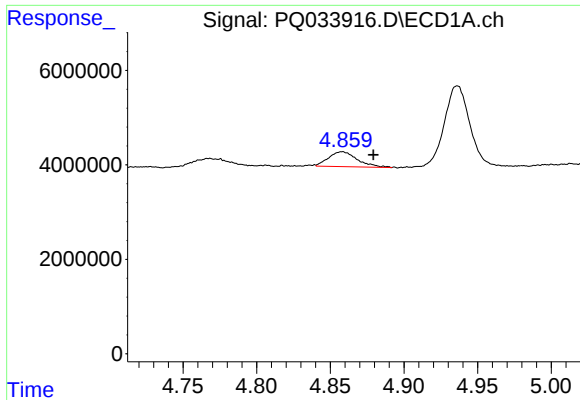
#8 AR-1221-1

R.T.: 4.766 min
Delta R.T.: -0.026 min
Response: 70634
Conc: 2.97 ng/ml



#8 AR-1221-1

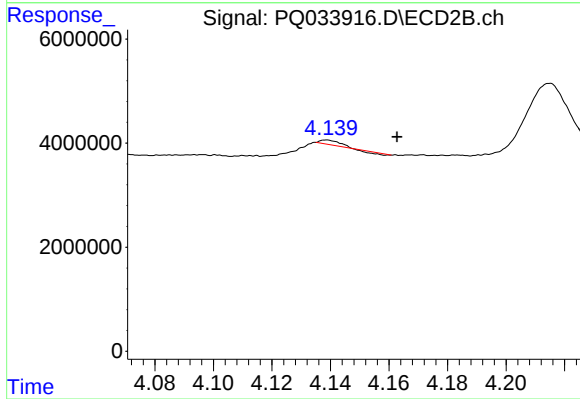
R.T.: 4.072 min
Delta R.T.: -0.004 min
Response: 33921
Conc: 1.84 ng/ml



#9 AR-1221-2

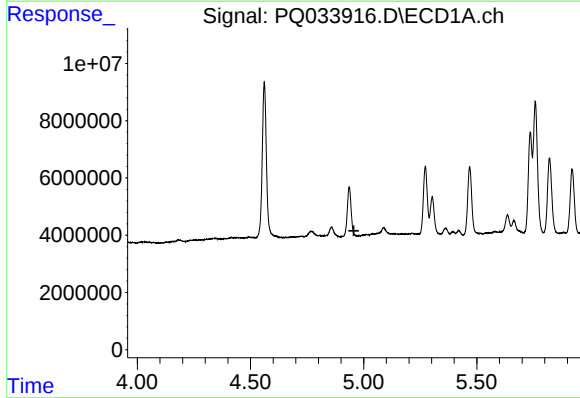
R.T.: 4.859 min
Delta R.T.: -0.020 min
Response: 4304853
Conc: 261.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



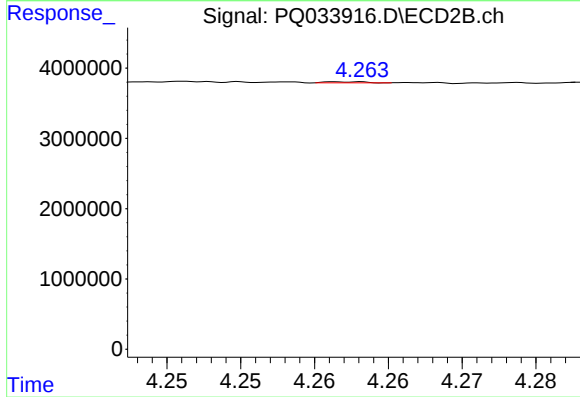
#9 AR-1221-2

R.T.: 4.139 min
Delta R.T.: -0.024 min
Response: 306698
Conc: 23.19 ng/ml



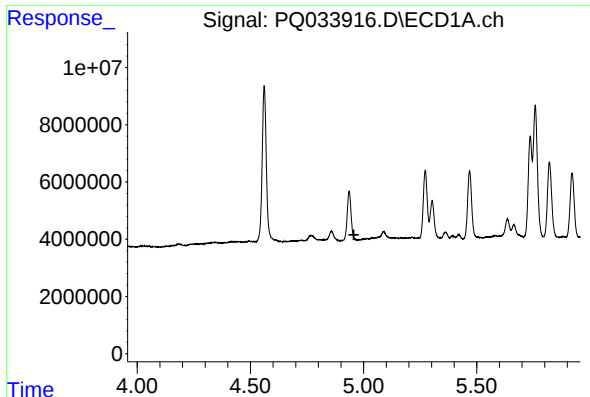
#10 AR-1221-3

R.T.: 4.936 min
Delta R.T.: -0.020 min
Response: -156932
Conc: N.D.



#10 AR-1221-3

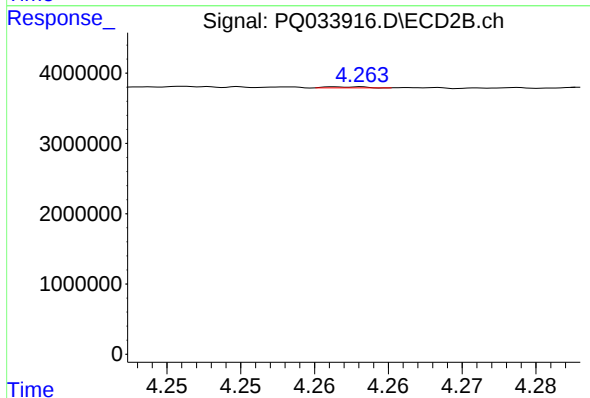
R.T.: 4.263 min
Delta R.T.: 0.023 min
Response: 28185
Conc: 0.62 ng/ml



#11 AR-1232-1

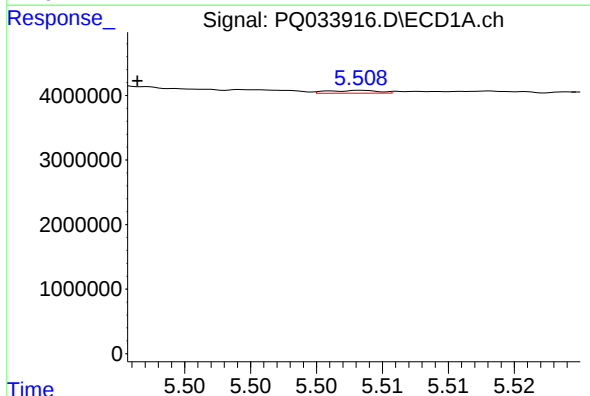
R.T.: 4.936 min
Delta R.T.: -0.021 min
Response: -156932
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



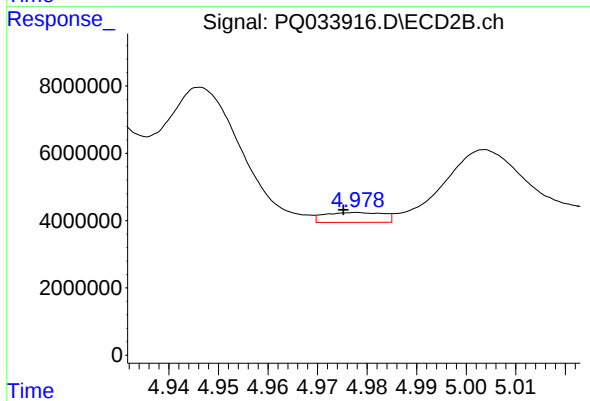
#11 AR-1232-1

R.T.: 4.263 min
Delta R.T.: 0.023 min
Response: 28185
Conc: 0.81 ng/ml



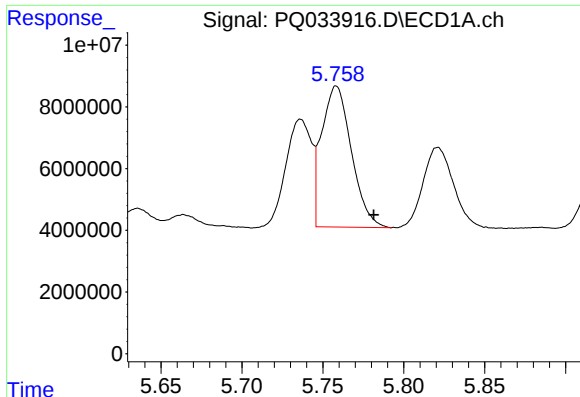
#12 AR-1232-2

R.T.: 5.509 min
Delta R.T.: 0.017 min
Response: 117392
Conc: 4.97 ng/ml



#12 AR-1232-2

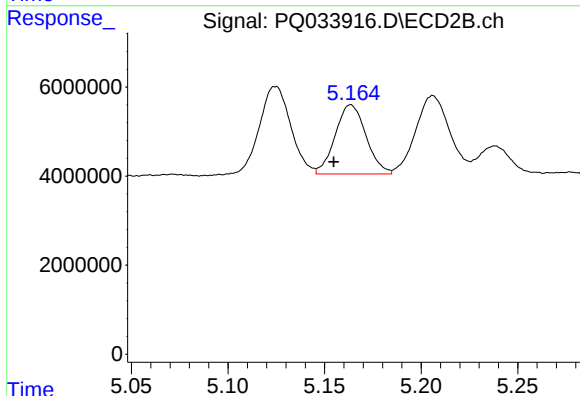
R.T.: 4.978 min
Delta R.T.: 0.003 min
Response: 2419700
Conc: 64.35 ng/ml



#13 AR-1232-3

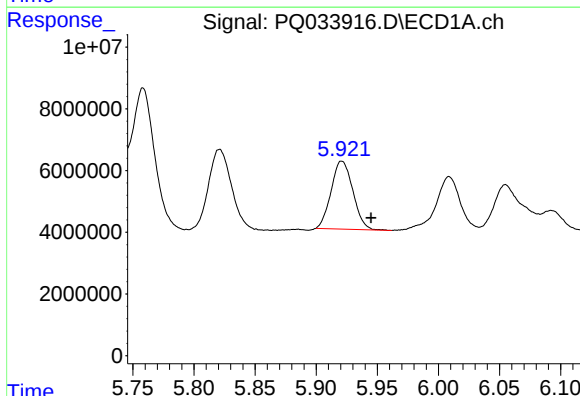
R.T.: 5.758 min
Delta R.T.: -0.023 min
Response: 58482681
Conc: 1223.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



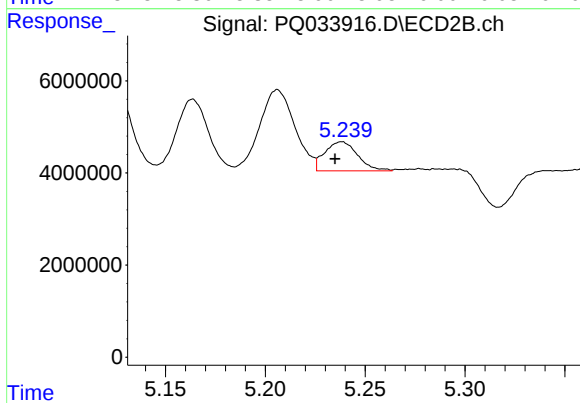
#13 AR-1232-3

R.T.: 5.164 min
Delta R.T.: 0.009 min
Response: 17296895
Conc: 883.13 ng/ml



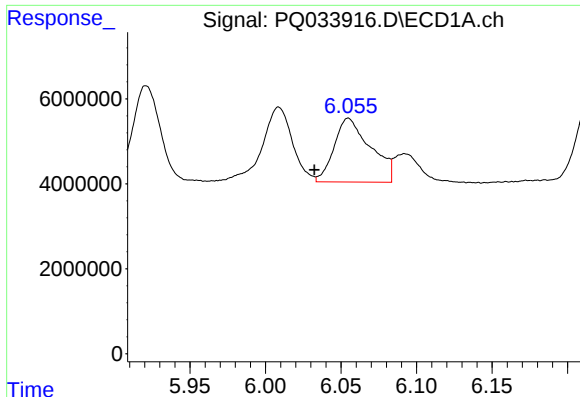
#14 AR-1232-4

R.T.: 5.921 min
Delta R.T.: -0.024 min
Response: 27320499
Conc: 1147.00 ng/ml



#14 AR-1232-4

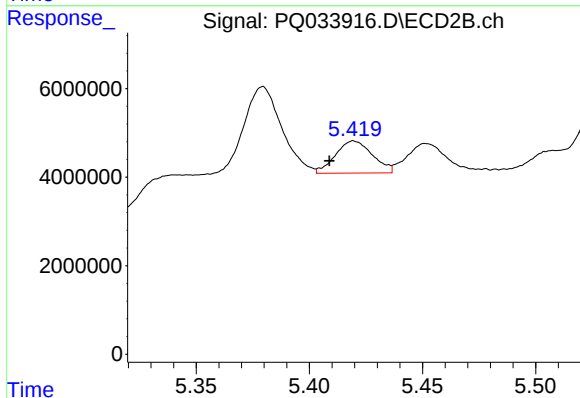
R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 7266432
Conc: 423.37 ng/ml



#15 AR-1232-5

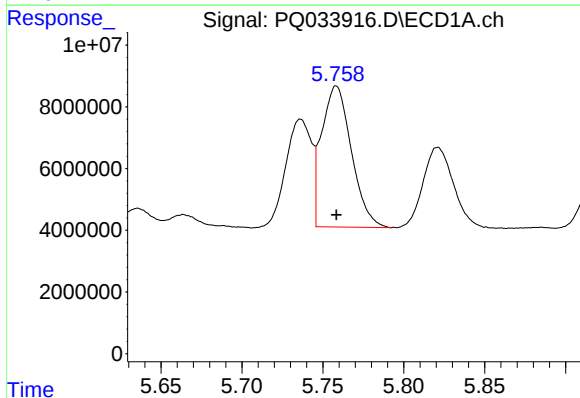
R.T.: 6.055 min
Delta R.T.: 0.023 min
Response: 25220949
Conc: 1414.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



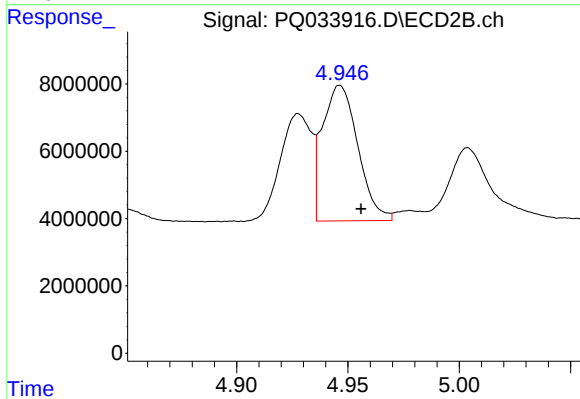
#15 AR-1232-5

R.T.: 5.419 min
Delta R.T.: 0.011 min
Response: 8292665
Conc: 425.26 ng/ml



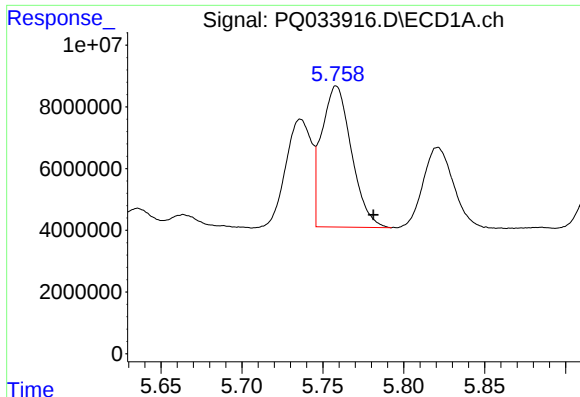
#16 AR-1242-1

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 58482681
Conc: 979.99 ng/ml



#16 AR-1242-1

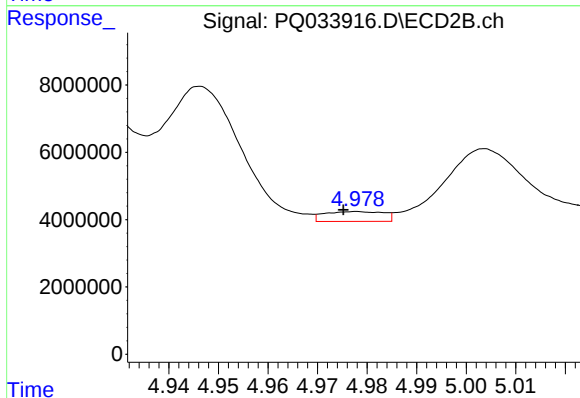
R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 44725972
Conc: 919.19 ng/ml



#17 AR-1242-2

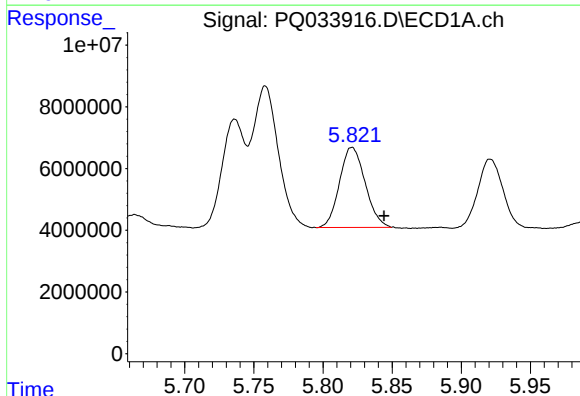
R.T.: 5.758 min
Delta R.T.: -0.023 min
Response: 58482681
Conc: 673.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



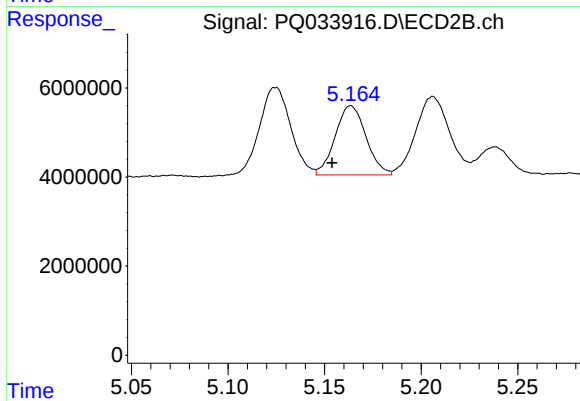
#17 AR-1242-2

R.T.: 4.978 min
Delta R.T.: 0.003 min
Response: 2419700
Conc: 35.85 ng/ml



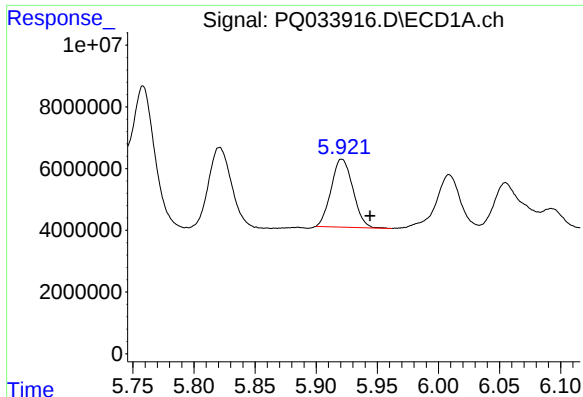
#18 AR-1242-3

R.T.: 5.821 min
Delta R.T.: -0.023 min
Response: 33489060
Conc: 640.46 ng/ml



#18 AR-1242-3

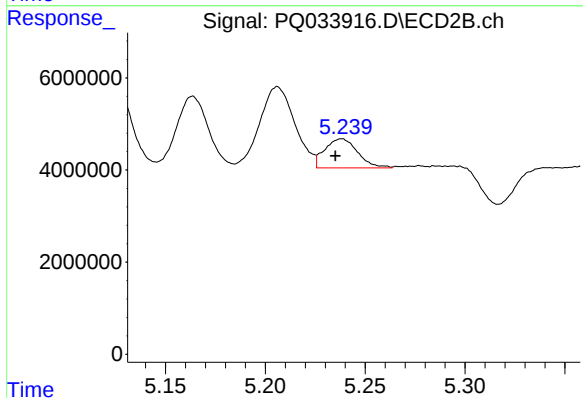
R.T.: 5.164 min
Delta R.T.: 0.010 min
Response: 17296895
Conc: 472.20 ng/ml



#19 AR-1242-4

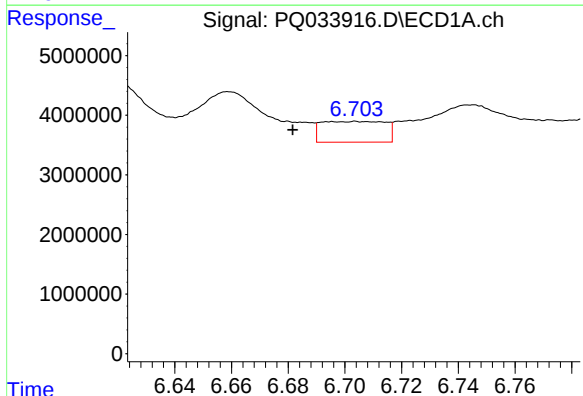
R.T.: 5.921 min
Delta R.T.: -0.023 min
Response: 27320499
Conc: 633.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



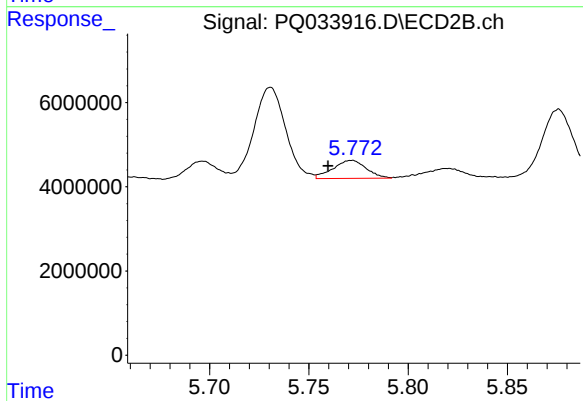
#19 AR-1242-4

R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 7266432
Conc: 197.28 ng/ml



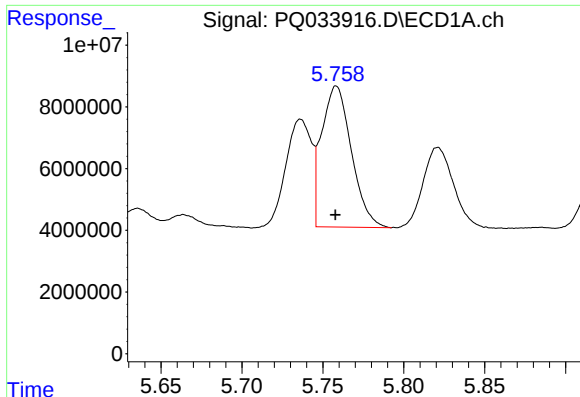
#20 AR-1242-5

R.T.: 6.704 min
Delta R.T.: 0.022 min
Response: 5431467
Conc: 110.18 ng/ml



#20 AR-1242-5

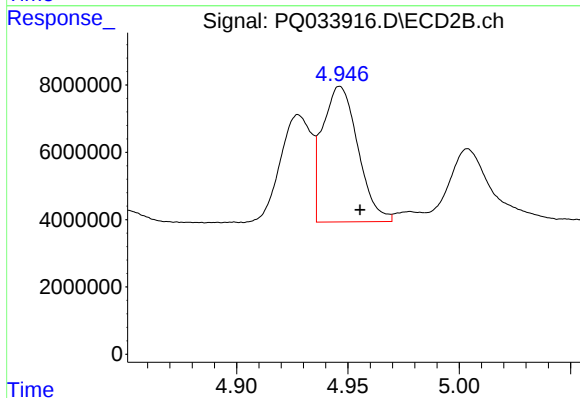
R.T.: 5.772 min
Delta R.T.: 0.012 min
Response: 4996935
Conc: 104.02 ng/ml



#21 AR-1248-1

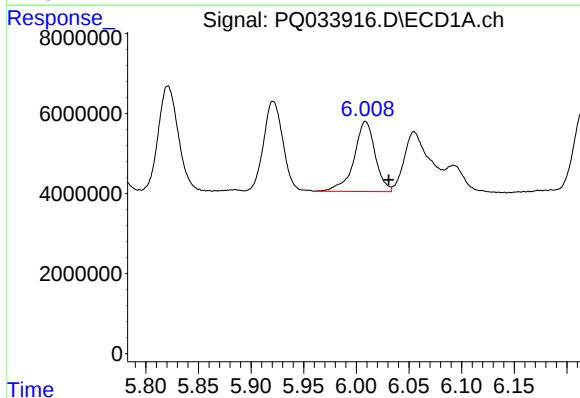
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 58482681
Conc: 1179.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



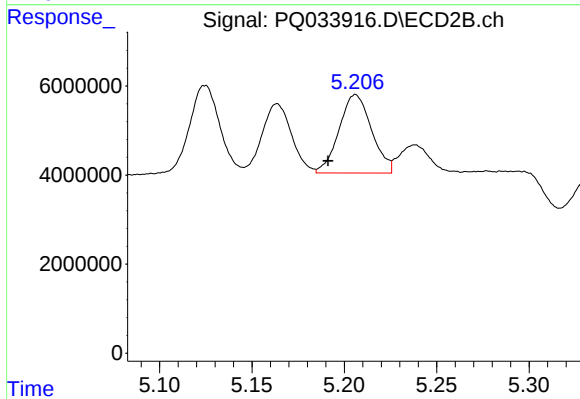
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.009 min
Response: 44725972
Conc: 1091.41 ng/ml



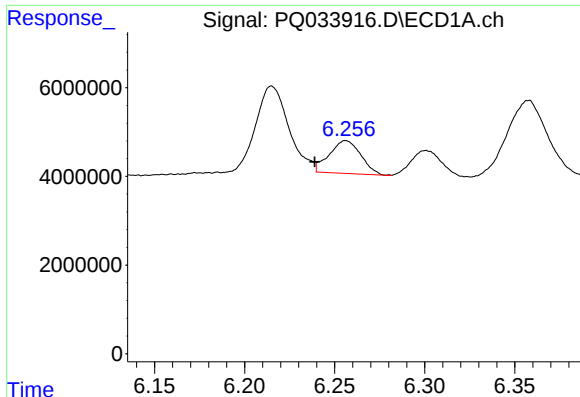
#22 AR-1248-2

R.T.: 6.009 min
Delta R.T.: -0.022 min
Response: 24515850
Conc: 333.31 ng/ml



#22 AR-1248-2

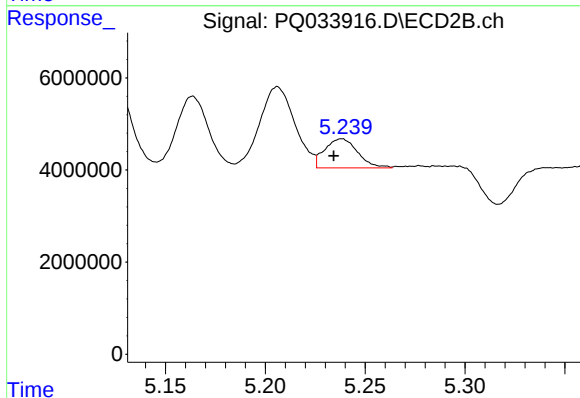
R.T.: 5.206 min
Delta R.T.: 0.015 min
Response: 21616449
Conc: 393.46 ng/ml



#23 AR-1248-3

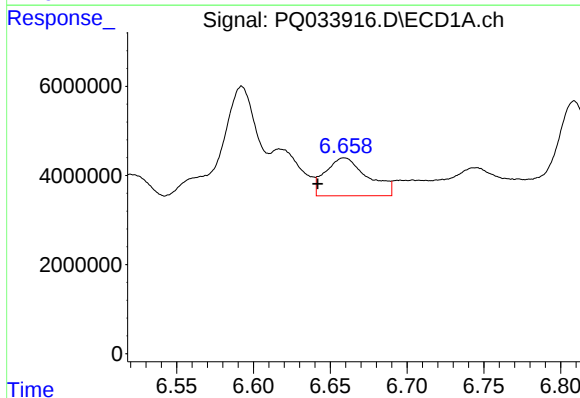
R.T.: 6.256 min
Delta R.T.: 0.017 min
Response: 8997787
Conc: 110.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



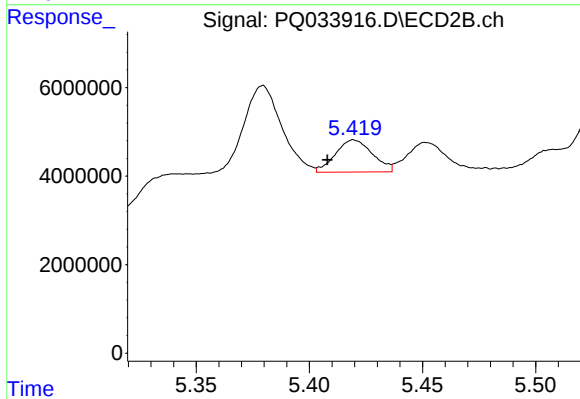
#23 AR-1248-3

R.T.: 5.238 min
Delta R.T.: 0.004 min
Response: 7266432
Conc: 129.75 ng/ml



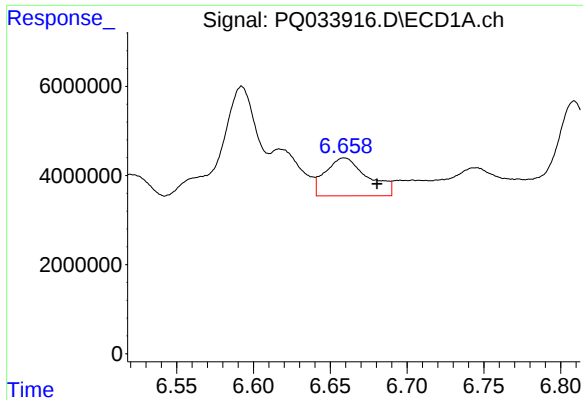
#24 AR-1248-4

R.T.: 6.659 min
Delta R.T.: 0.017 min
Response: 16231782
Conc: 173.28 ng/ml



#24 AR-1248-4

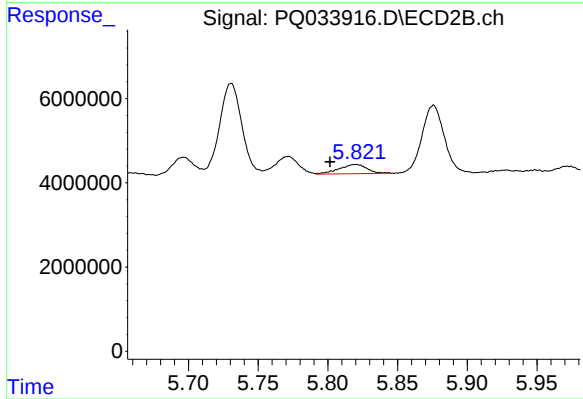
R.T.: 5.419 min
Delta R.T.: 0.012 min
Response: 8292665
Conc: 120.24 ng/ml



#25 AR-1248-5

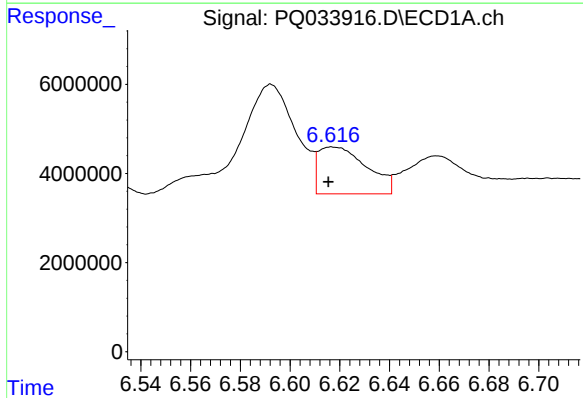
R.T.: 6.659 min
Delta R.T.: -0.021 min
Response: 16231782
Conc: 182.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



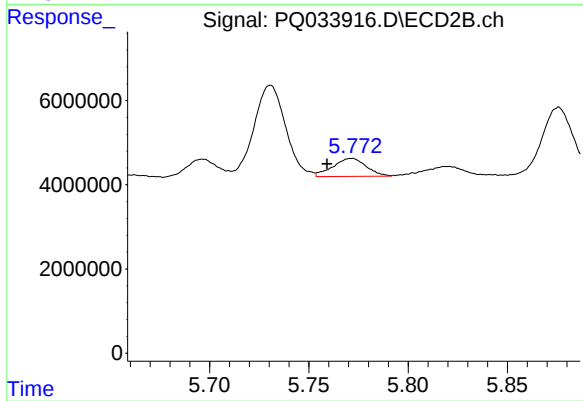
#25 AR-1248-5

R.T.: 5.821 min
Delta R.T.: 0.019 min
Response: 3041144
Conc: 43.99 ng/ml



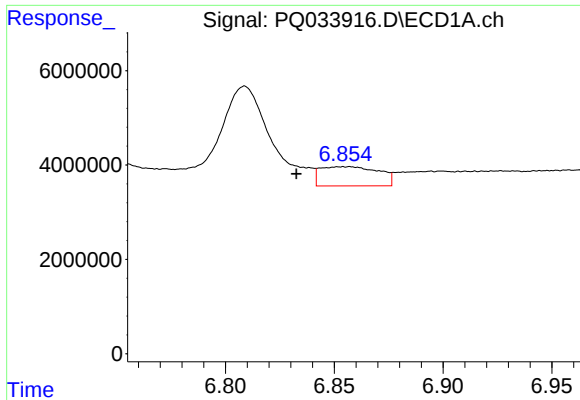
#26 AR-1254-1

R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 14250821
Conc: 143.80 ng/ml



#26 AR-1254-1

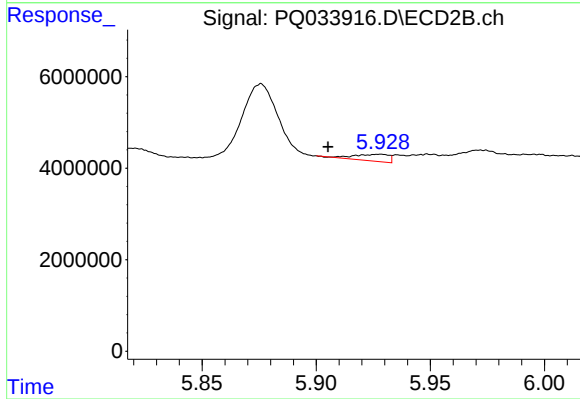
R.T.: 5.772 min
Delta R.T.: 0.013 min
Response: 4996935
Conc: 44.35 ng/ml



#27 AR-1254-2

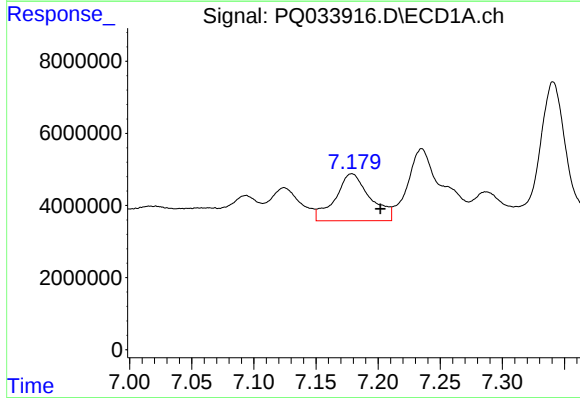
R.T.: 6.854 min
Delta R.T.: 0.022 min
Response: 7629439
Conc: 48.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



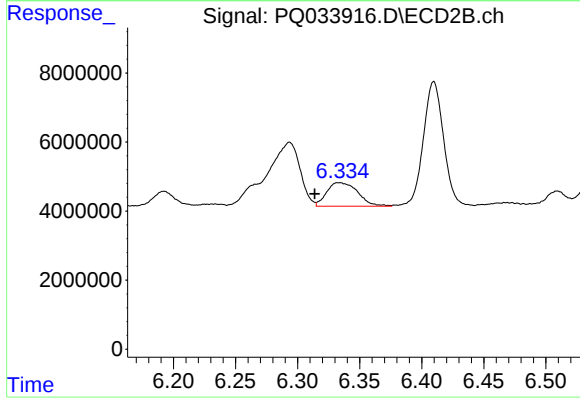
#27 AR-1254-2

R.T.: 5.928 min
Delta R.T.: 0.023 min
Response: 1523009
Conc: 15.42 ng/ml



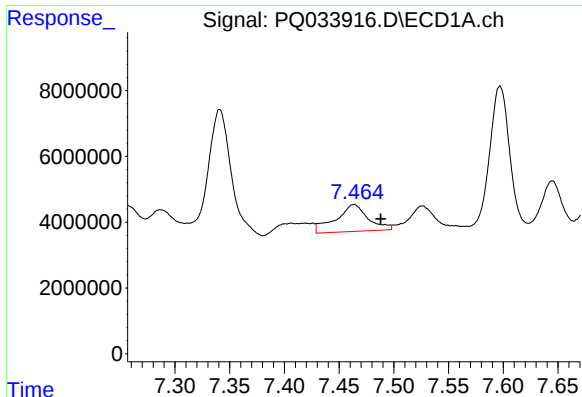
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: -0.023 min
Response: 25423829
Conc: 149.83 ng/ml



#28 AR-1254-3

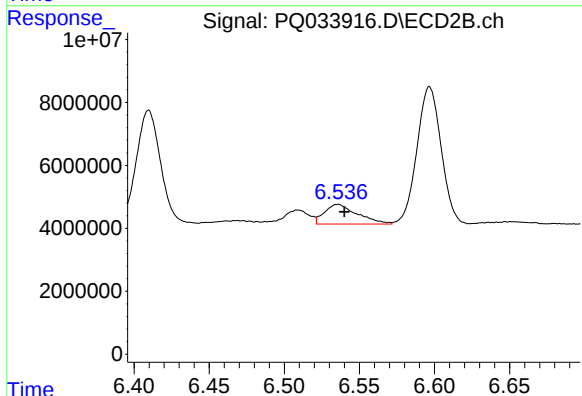
R.T.: 6.334 min
Delta R.T.: 0.020 min
Response: 11838332
Conc: 71.23 ng/ml



#29 AR-1254-4

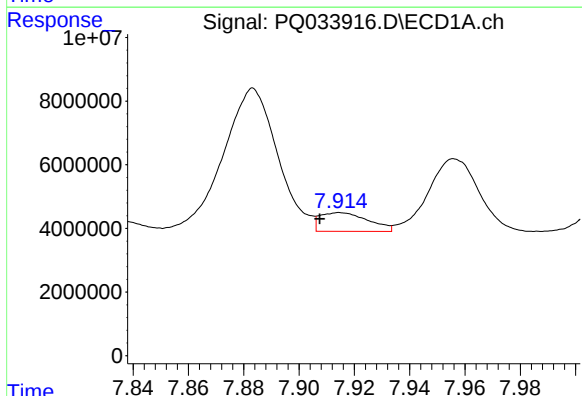
R.T.: 7.464 min
Delta R.T.: -0.024 min
Response: 16826724
Conc: 136.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



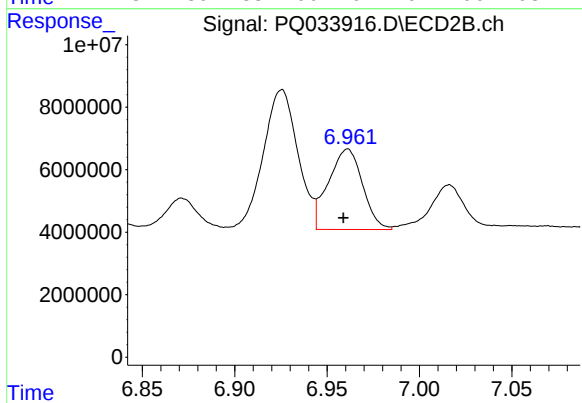
#29 AR-1254-4

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 9506343
Conc: 89.35 ng/ml



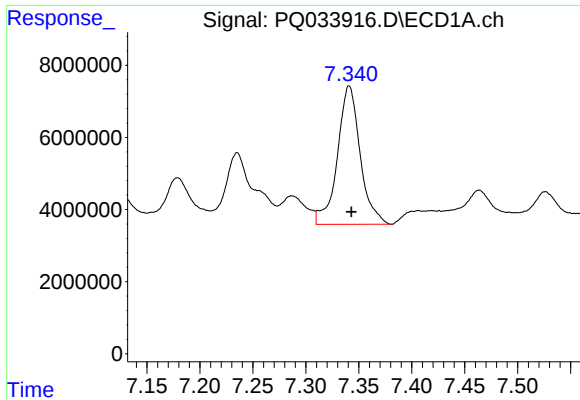
#30 AR-1254-5

R.T.: 7.915 min
Delta R.T.: 0.007 min
Response: 7135856
Conc: 53.90 ng/ml



#30 AR-1254-5

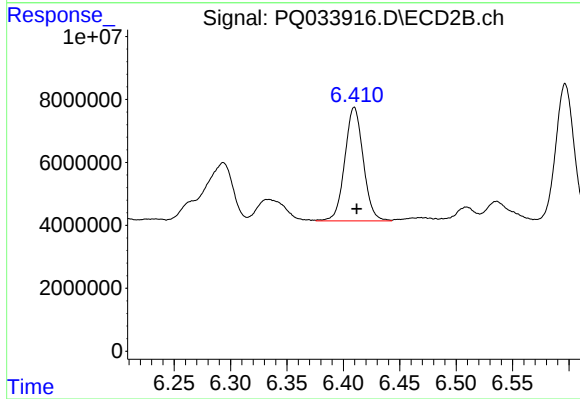
R.T.: 6.961 min
Delta R.T.: 0.002 min
Response: 33148545
Conc: 225.68 ng/ml



#31 AR-1260-1

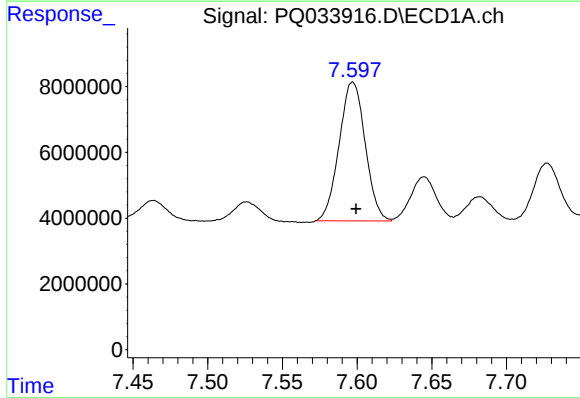
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 57479608
Conc: 537.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



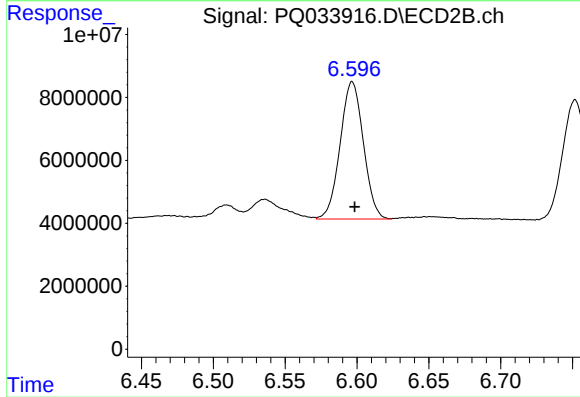
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 41202807
Conc: 438.68 ng/ml



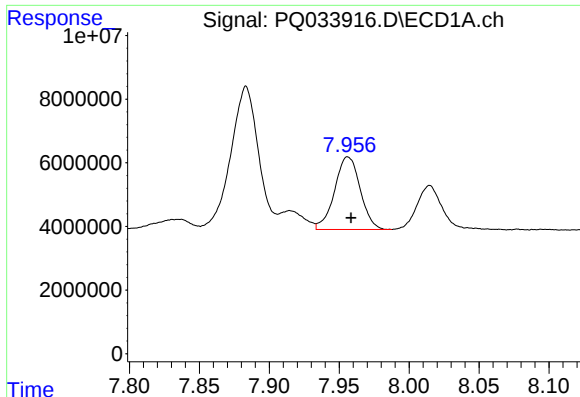
#32 AR-1260-2

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 51256186
Conc: 405.91 ng/ml



#32 AR-1260-2

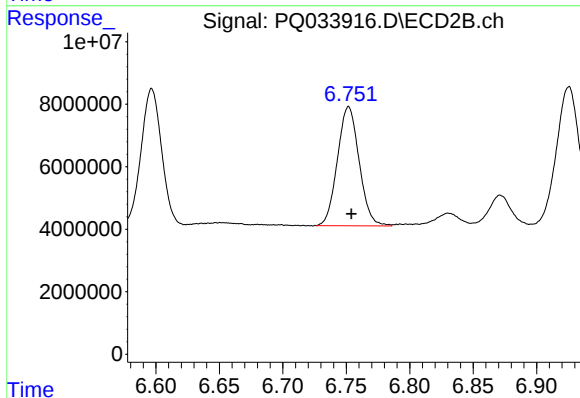
R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 49025106
Conc: 420.78 ng/ml



#33 AR-1260-3

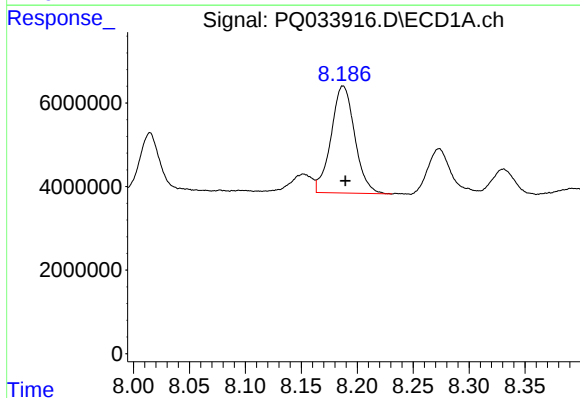
R.T.: 7.956 min
Delta R.T.: -0.002 min
Response: 29071700
Conc: 373.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



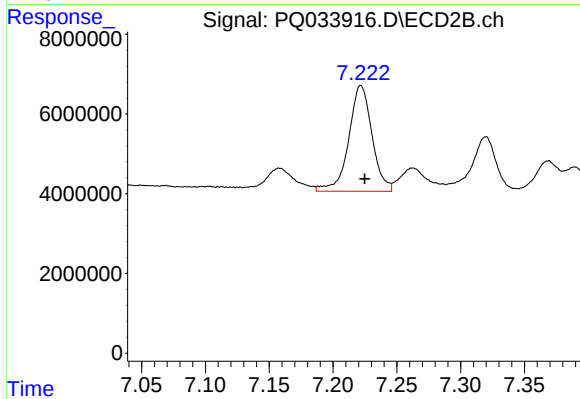
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 45443406
Conc: 421.39 ng/ml



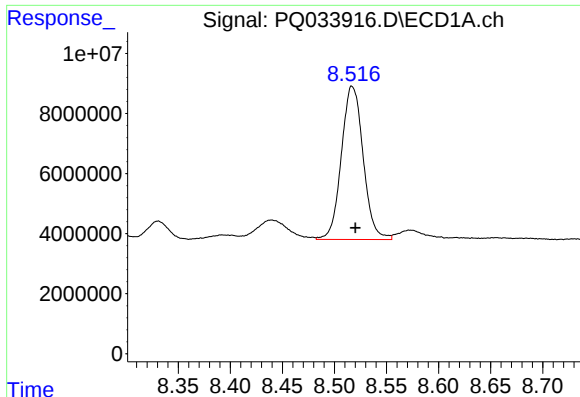
#34 AR-1260-4

R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 37785296
Conc: 373.27 ng/ml



#34 AR-1260-4

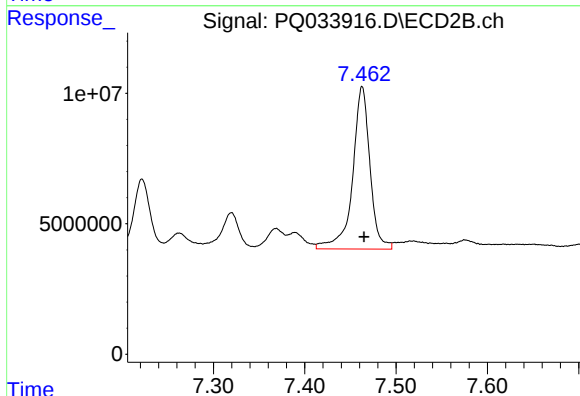
R.T.: 7.222 min
Delta R.T.: -0.003 min
Response: 33743242
Conc: 438.97 ng/ml



#35 AR-1260-5

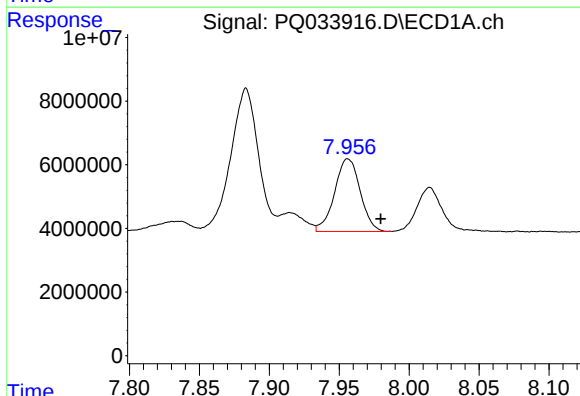
R.T.: 8.517 min
Delta R.T.: -0.003 min
Response: 74467000
Conc: 394.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



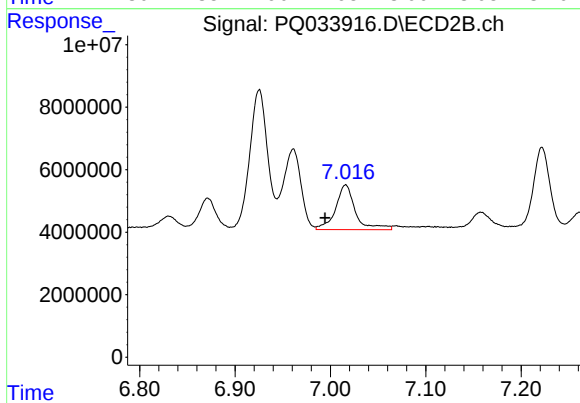
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 82394675
Conc: 428.88 ng/ml



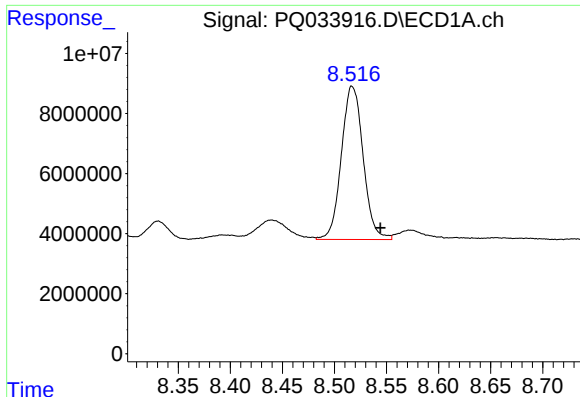
#36 AR-1262-1

R.T.: 7.956 min
Delta R.T.: -0.023 min
Response: 29071700
Conc: 215.68 ng/ml



#36 AR-1262-1

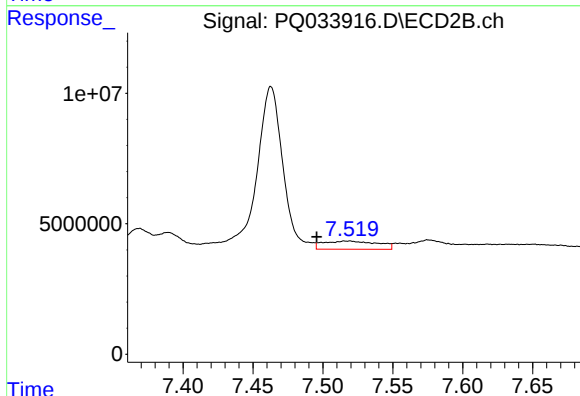
R.T.: 7.016 min
Delta R.T.: 0.022 min
Response: 20773207
Conc: 161.64 ng/ml



#37 AR-1262-2

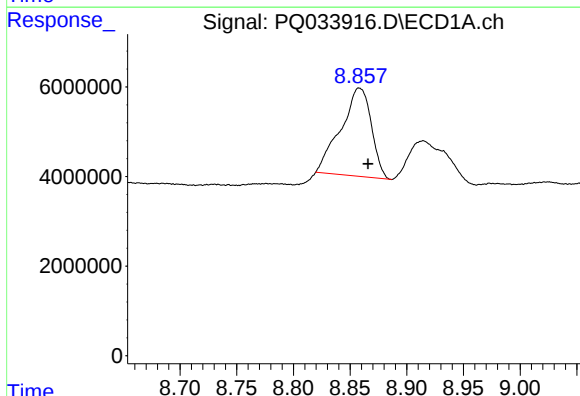
R.T.: 8.517 min
Delta R.T.: -0.027 min
Response: 74467000
Conc: 301.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



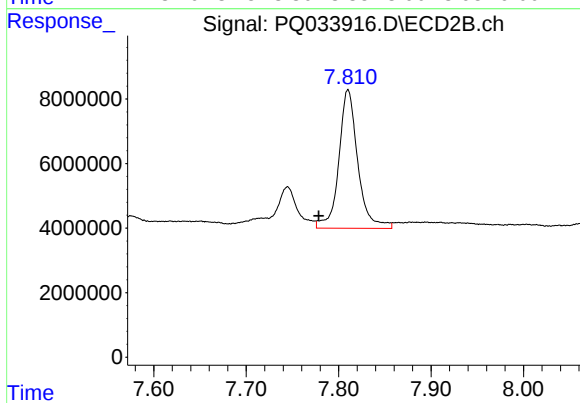
#37 AR-1262-2

R.T.: 7.519 min
Delta R.T.: 0.024 min
Response: 8380389
Conc: 34.99 ng/ml



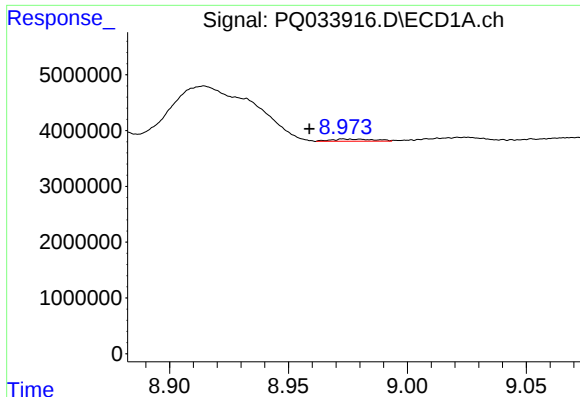
#38 AR-1262-3

R.T.: 8.858 min
Delta R.T.: -0.008 min
Response: 36907686
Conc: 223.13 ng/ml



#38 AR-1262-3

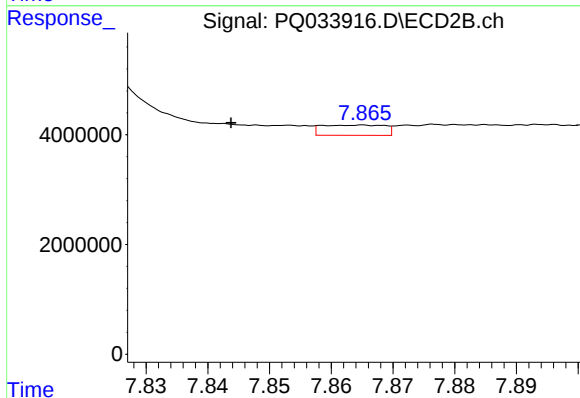
R.T.: 7.810 min
Delta R.T.: 0.032 min
Response: 61196353
Conc: 656.98 ng/ml



#39 AR-1262-4

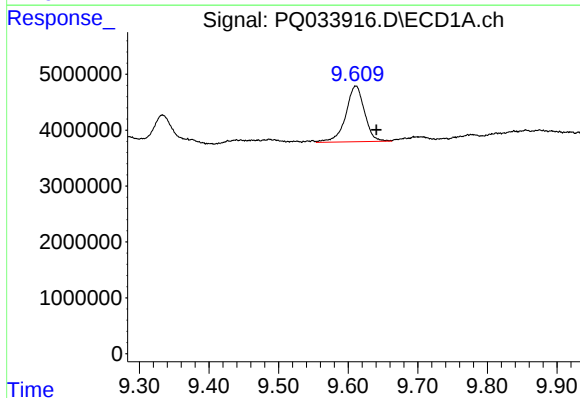
R.T.: 8.974 min
Delta R.T.: 0.015 min
Response: 505797
Conc: 7.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



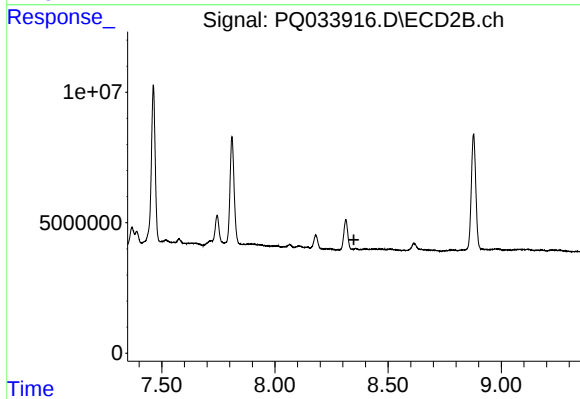
#39 AR-1262-4

R.T.: 7.865 min
Delta R.T.: 0.021 min
Response: 1321439
Conc: 7.59 ng/ml



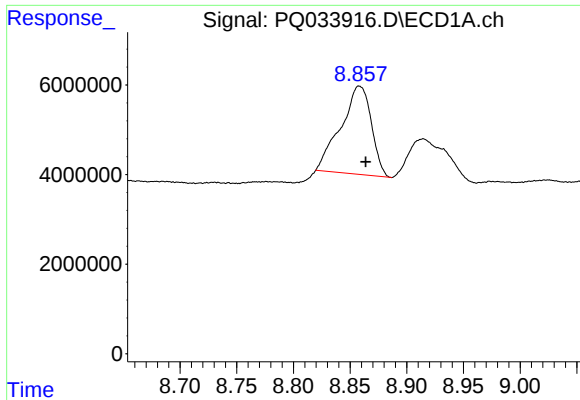
#40 AR-1262-5

R.T.: 9.611 min
Delta R.T.: -0.029 min
Response: 18591517
Conc: 212.50 ng/ml



#40 AR-1262-5

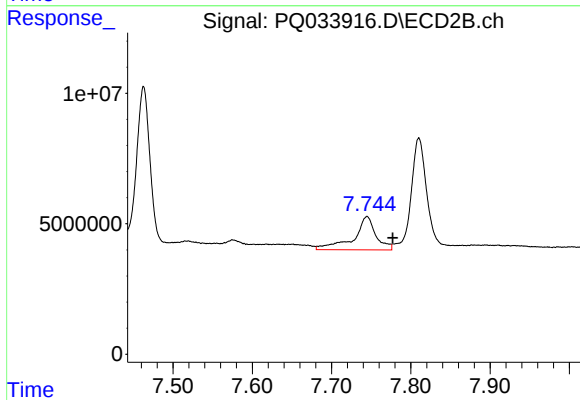
R.T.: 8.357 min
Delta R.T.: 0.008 min
Response: -1776262
Conc: N.D.



#41 AR-1268-1

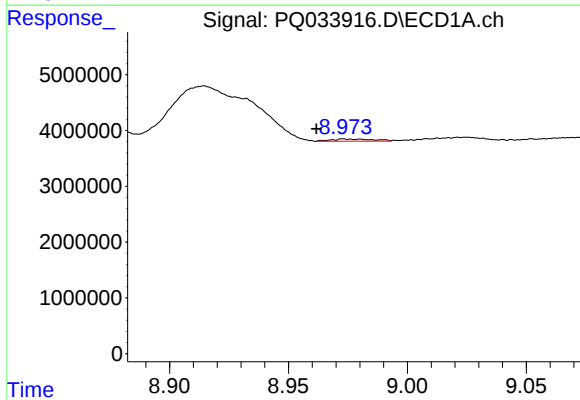
R.T.: 8.858 min
Delta R.T.: -0.006 min
Response: 36907686
Conc: 100.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



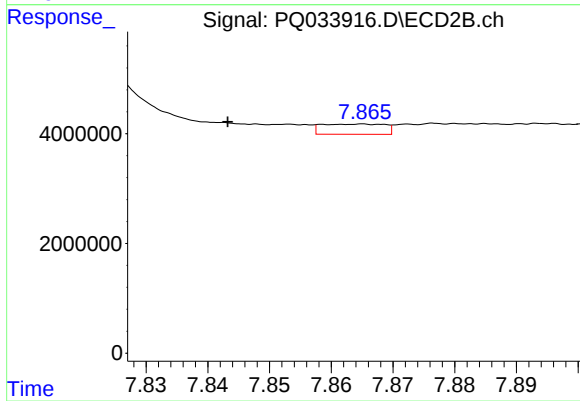
#41 AR-1268-1

R.T.: 7.745 min
Delta R.T.: -0.032 min
Response: 24869944
Conc: 72.74 ng/ml



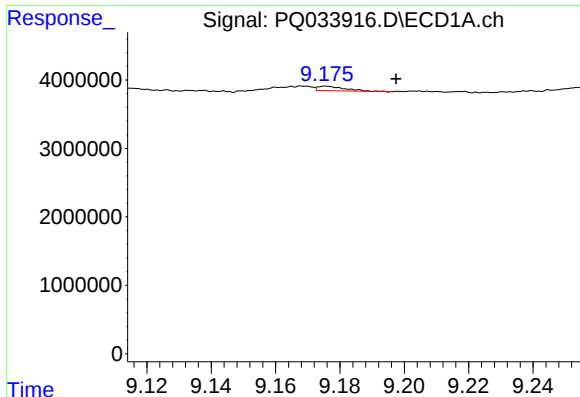
#42 AR-1268-2

R.T.: 8.974 min
Delta R.T.: 0.012 min
Response: 505797
Conc: 1.52 ng/ml



#42 AR-1268-2

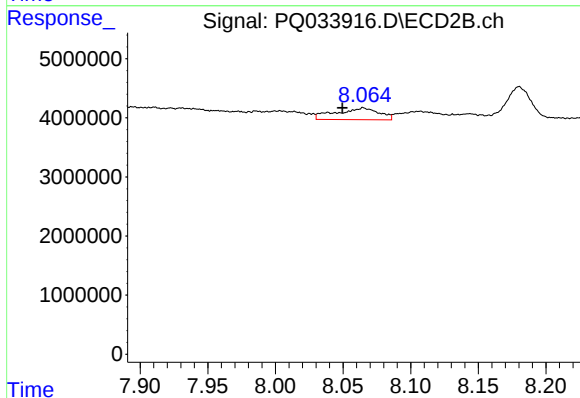
R.T.: 7.865 min
Delta R.T.: 0.022 min
Response: 1321439
Conc: 4.28 ng/ml



#43 AR-1268-3

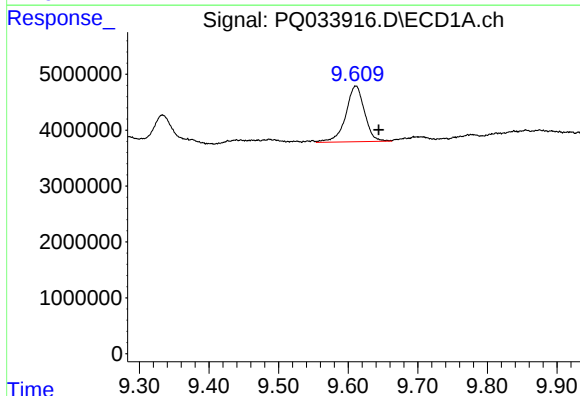
R.T.: 9.176 min
Delta R.T.: -0.022 min
Response: 399606
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



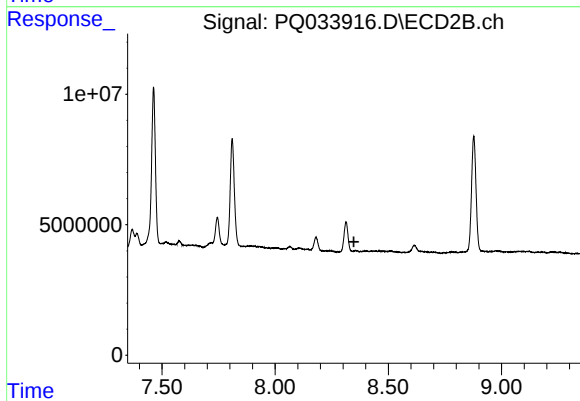
#43 AR-1268-3

R.T.: 8.065 min
Delta R.T.: 0.015 min
Response: 4390195
Conc: 17.16 ng/ml



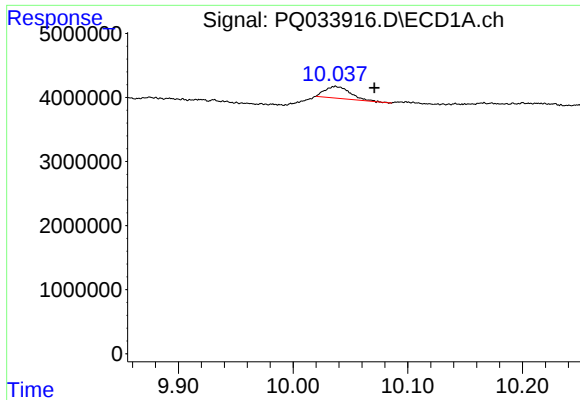
#44 AR-1268-4

R.T.: 9.611 min
Delta R.T.: -0.033 min
Response: 18591517
Conc: 153.88 ng/ml



#44 AR-1268-4

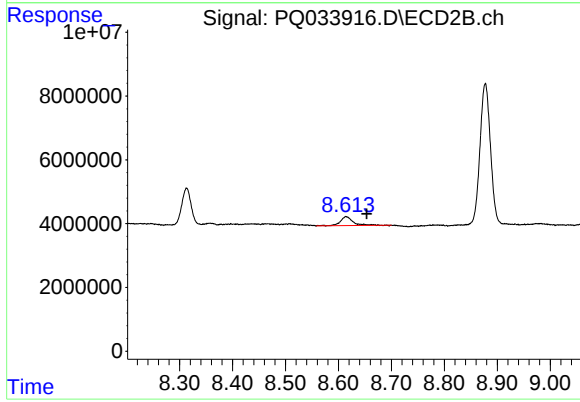
R.T.: 8.357 min
Delta R.T.: 0.010 min
Response: -1776262
Conc: N.D.



#45 AR-1268-5

R.T.: 10.037 min
Delta R.T.: -0.034 min
Response: 2828682
Conc: 3.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.615 min
Delta R.T.: -0.039 min
Response: 4698586
Conc: 5.62 ng/ml