

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101220\
 Data File : PQ050337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2020 10:49
 Operator : DD\AJ
 Sample : PB132202BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 01:16:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 24 08:00:48 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...	5.216	4.270	177.2E6	56444304	17.896	16.012
2)	SA Decachlor...	11.411	9.624	236.8E6	178.7E6	34.886	33.213
Target Compounds							
3)	L1 AR-1016-1	6.548	5.531	38933022	14626409	120.493	87.997 #
4)	L1 AR-1016-2	6.573	5.551	54671306	19518103	116.300	87.367
5)	L1 AR-1016-3	6.639	5.744	33916787	10124168	111.726	85.449
6)	L1 AR-1016-4	6.748	5.794	29100801	8183428	119.693	86.712 #
7)	L1 AR-1016-5	7.061	6.025	26819240	10827872	121.481	87.585 #
9)	L2 AR-1221-2	5.572	4.626	6622475	1750764	78.667	57.528 #
10)	L2 AR-1221-3	5.661	4.715	18995472	5901228	70.204	56.297
11)	L3 AR-1232-1	5.661	4.715	18995472	5901228	90.755	73.303
12)	L3 AR-1232-2	6.252	5.551	26508952	19518103	249.429	205.722
13)	L3 AR-1232-3	6.573	5.744	54671306	10124168	252.732	204.411
14)	L3 AR-1232-4	6.748	5.840	29100801	10014305	276.127	224.704
15)	L3 AR-1232-5	6.841	6.025	24894136	10827872	330.461	213.080 #
16)	L4 AR-1242-1	6.548	5.531	38933022	14626409	144.350	115.083
17)	L4 AR-1242-2	6.573	5.551	54671306	19518103	144.784	112.380
18)	L4 AR-1242-3	6.639	5.744	33916787	10124168	142.365	109.564
19)	L4 AR-1242-4	6.748	5.840	29100801	10014305	150.179	111.905 #
20)	L4 AR-1242-5	7.532	6.405	4344950	9174232	22.556	68.821 #
21)	L5 AR-1248-1	6.548	5.531	38933022	14626409	179.061	142.847
22)	L5 AR-1248-2	6.841	5.794	24894136	8183428	89.886	62.775 #
23)	L5 AR-1248-3	7.061	5.840	26819240	10014305	89.239	75.492
24)	L5 AR-1248-4	7.492	6.025	5332997	10827872	15.944	65.578 #
25)	L5 AR-1248-5	7.532	6.448	4344950	1448546	13.802	7.992 #
26)	L6 AR-1254-1	7.459	6.405	21503686	9174232	65.191	33.107 #
27)	L6 AR-1254-2	7.687	6.563	22083458	9319237	45.379	37.680
28)	L6 AR-1254-3	8.075	6.965	12386991	4038842	25.481	9.847 #
29)	L6 AR-1254-4	8.370	7.224	7925559	2519110	20.893	8.329 #
30)	L6 AR-1254-5	8.800	7.653	64542095	37917611	172.708	94.549 #
31)	L7 AR-1260-1	8.239	7.122	47053453	26112459	144.481	106.558 #
32)	L7 AR-1260-2	8.504	7.318	57566648	35194210	148.738	99.793 #
33)	L7 AR-1260-3	8.869	7.475	36150197	29053727	120.394	96.418
34)	L7 AR-1260-4	9.114	7.959	40146020	22841726	124.529	83.775 #
35)	L7 AR-1260-5	9.463	8.205	78806990	62087278	117.437	80.544 #
36)	L8 AR-1262-1	8.869	7.653	36150197	37917611	82.881	182.597 #
37)	L8 AR-1262-2	9.463	8.205	78806990	62087278	102.244	69.978 #
38)	L8 AR-1262-3	9.791	8.492	17947006	13195472	49.041	35.777 #
39)	L8 AR-1262-4	9.877	8.556	30636335	43126081	69.254	67.532
40)	L8 AR-1262-5	10.611	9.061	21073445	14611069	61.293	43.792 #
41)	L9 AR-1268-1	9.791	8.492	17947006	13195472	18.673	11.767 #
42)	L9 AR-1268-2	9.877	8.556	30636335	43126081	33.301	44.427 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092420CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

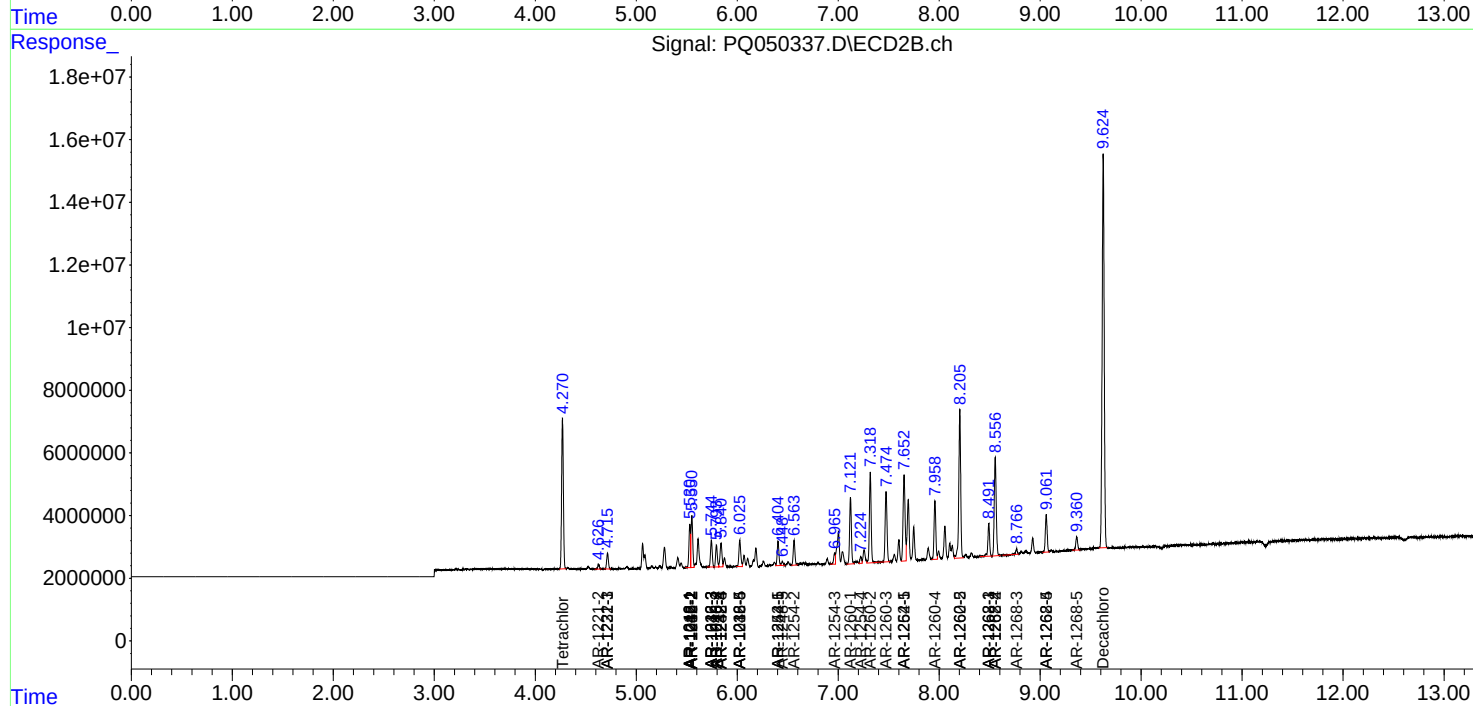
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

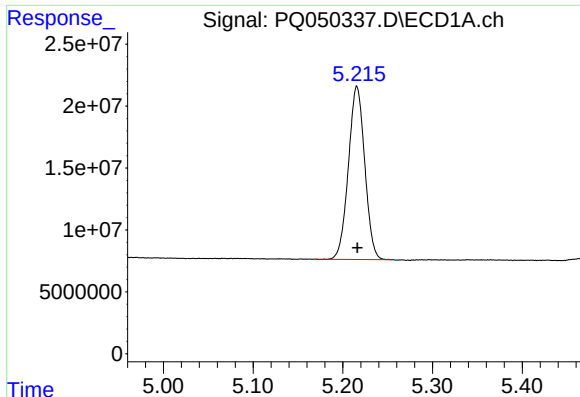
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.767	0	1839432	N.D.	2.216 #
44) L9	AR-1268-4	10.611	9.061	21073445	14611069	54.497	38.372 #
45) L9	AR-1268-5	11.053	9.362	10490347	5577316	4.083	2.172 #

(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

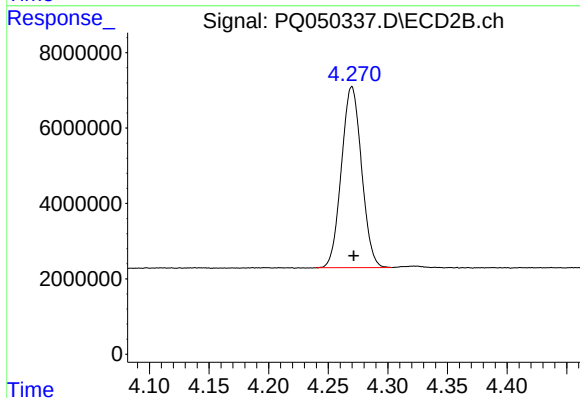




#1 Tetrachloro-m-xylene

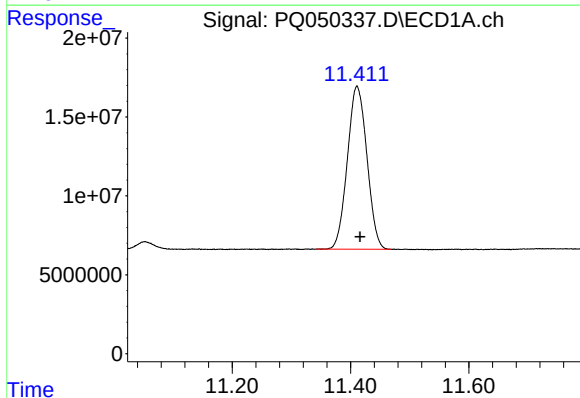
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 177161105
Conc: 17.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



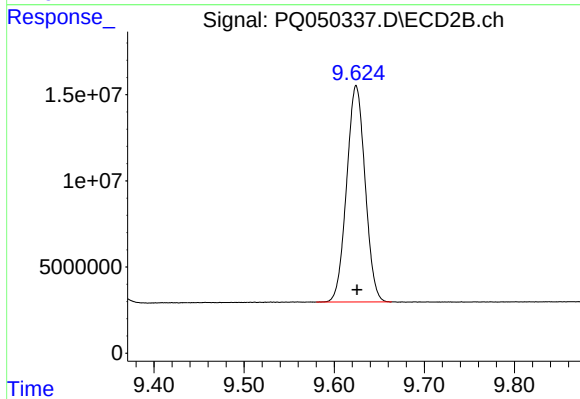
#1 Tetrachloro-m-xylene

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 56444304
Conc: 16.01 ng/ml



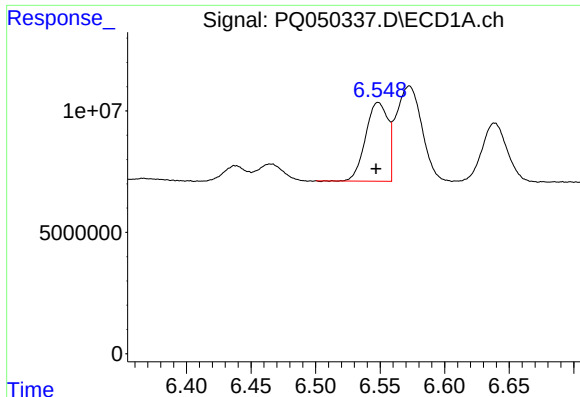
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: -0.005 min
Response: 236839002
Conc: 34.89 ng/ml



#2 Decachlorobiphenyl

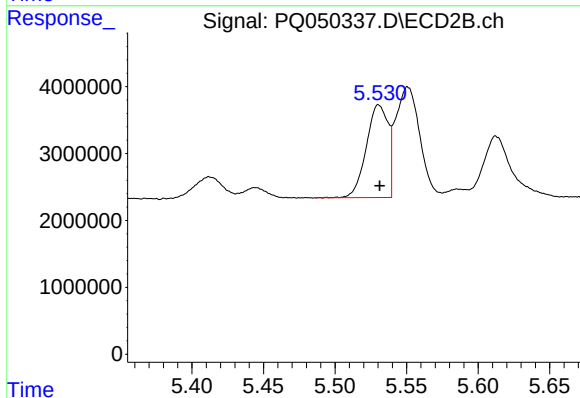
R.T.: 9.624 min
Delta R.T.: -0.001 min
Response: 178651060
Conc: 33.21 ng/ml



#3 AR-1016-1

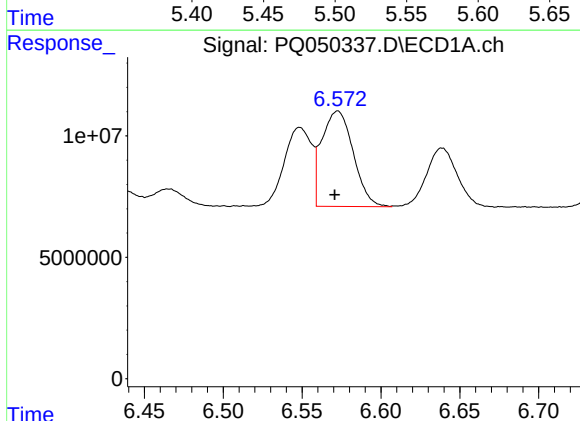
R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 38933022
Conc: 120.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



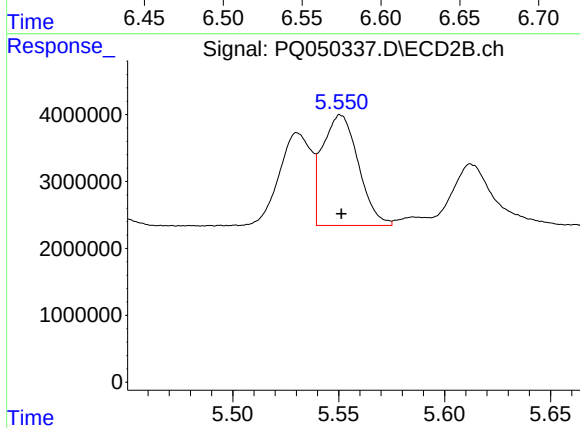
#3 AR-1016-1

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 14626409
Conc: 88.00 ng/ml



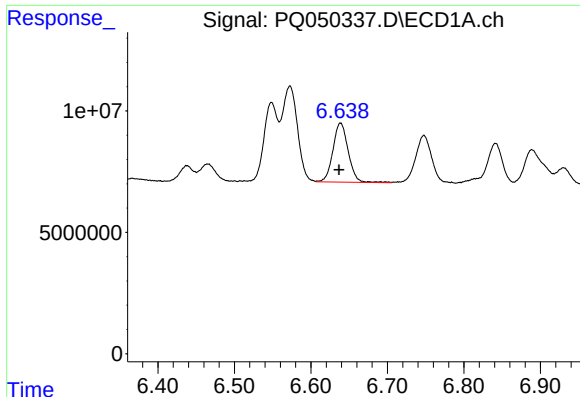
#4 AR-1016-2

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 54671306
Conc: 116.30 ng/ml



#4 AR-1016-2

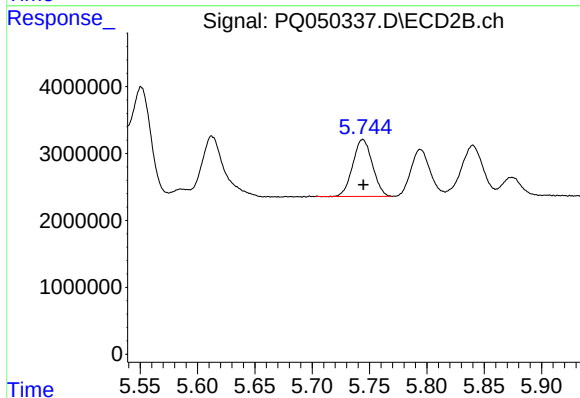
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 19518103
Conc: 87.37 ng/ml



#5 AR-1016-3

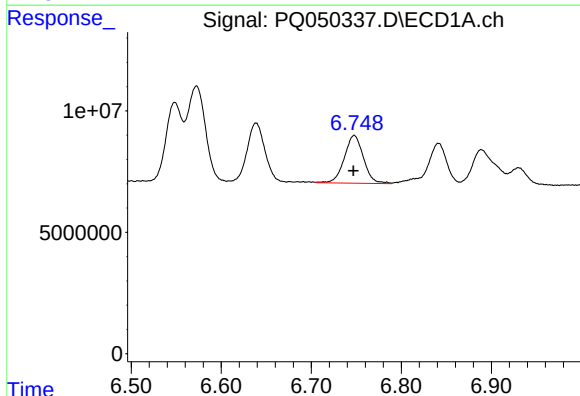
R.T.: 6.639 min
Delta R.T.: 0.002 min
Response: 33916787
Conc: 111.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



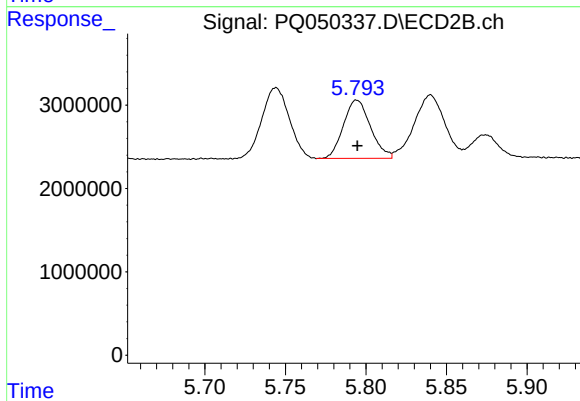
#5 AR-1016-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 10124168
Conc: 85.45 ng/ml



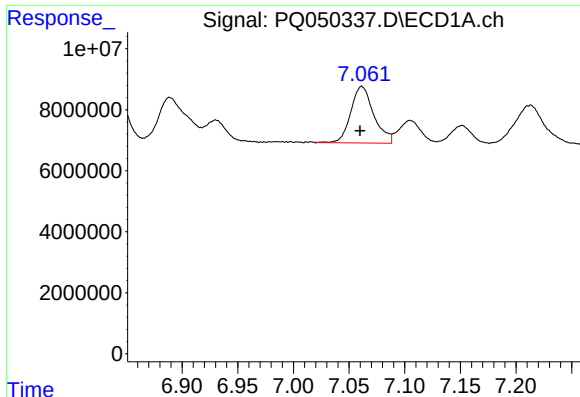
#6 AR-1016-4

R.T.: 6.748 min
Delta R.T.: 0.001 min
Response: 29100801
Conc: 119.69 ng/ml



#6 AR-1016-4

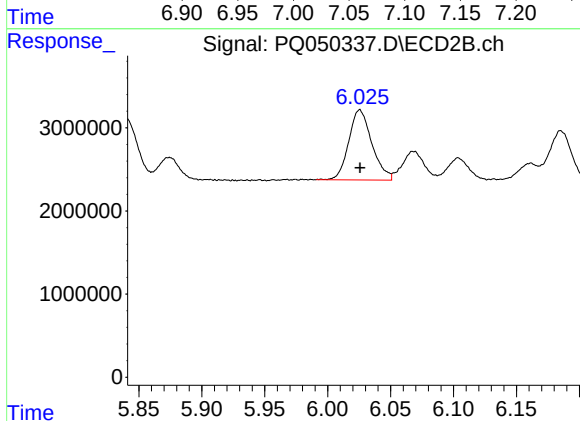
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 8183428
Conc: 86.71 ng/ml



#7 AR-1016-5

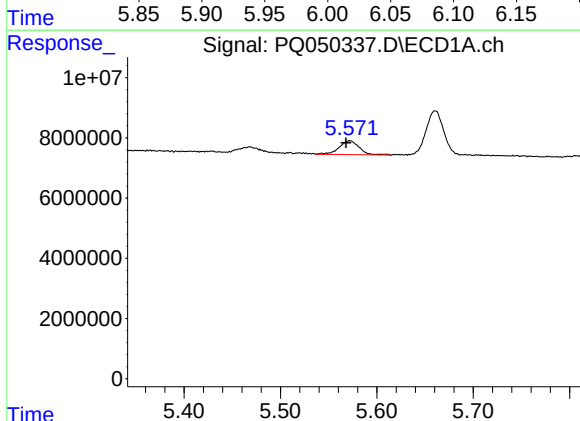
R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 26819240
Conc: 121.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



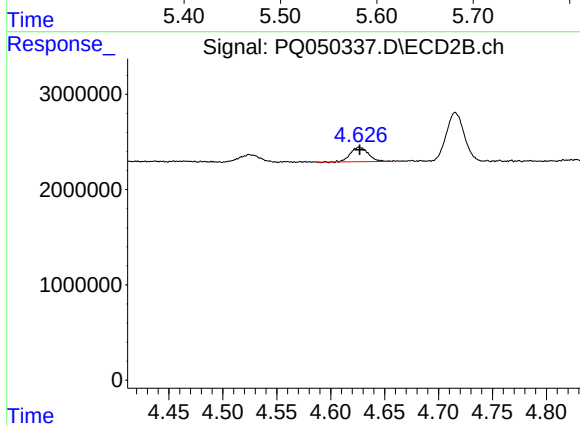
#7 AR-1016-5

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 10827872
Conc: 87.58 ng/ml



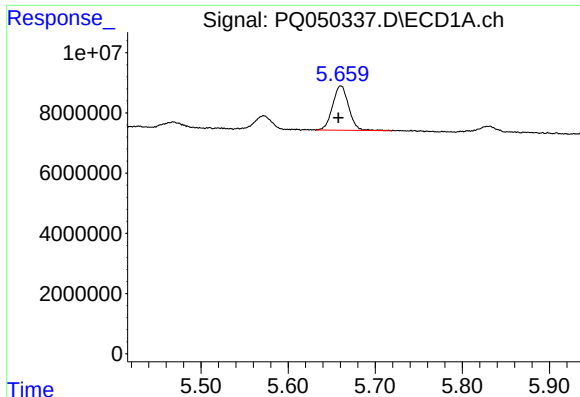
#9 AR-1221-2

R.T.: 5.572 min
Delta R.T.: 0.004 min
Response: 6622475
Conc: 78.67 ng/ml



#9 AR-1221-2

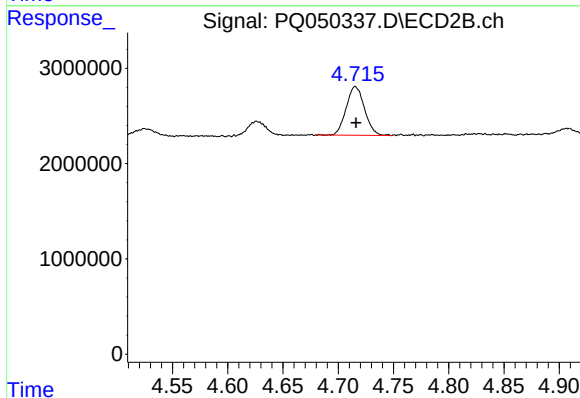
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1750764
Conc: 57.53 ng/ml



#10 AR-1221-3

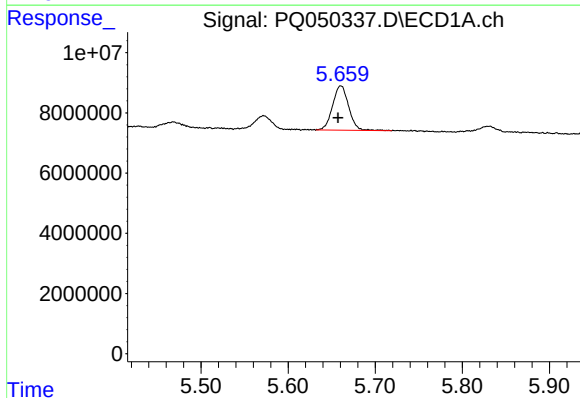
R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 18995472
Conc: 70.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



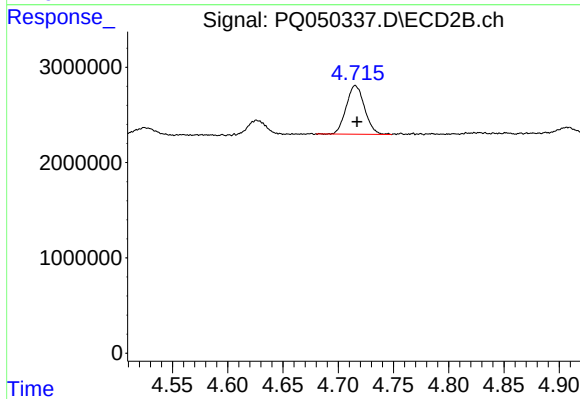
#10 AR-1221-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 5901228
Conc: 56.30 ng/ml



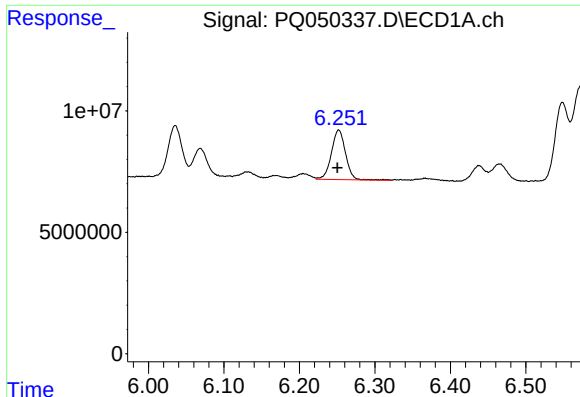
#11 AR-1232-1

R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 18995472
Conc: 90.76 ng/ml



#11 AR-1232-1

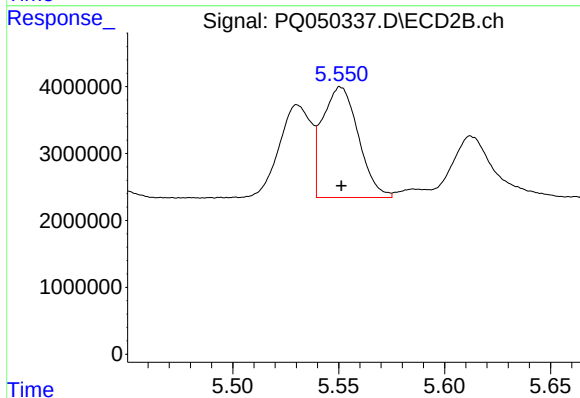
R.T.: 4.715 min
Delta R.T.: -0.001 min
Response: 5901228
Conc: 73.30 ng/ml



#12 AR-1232-2

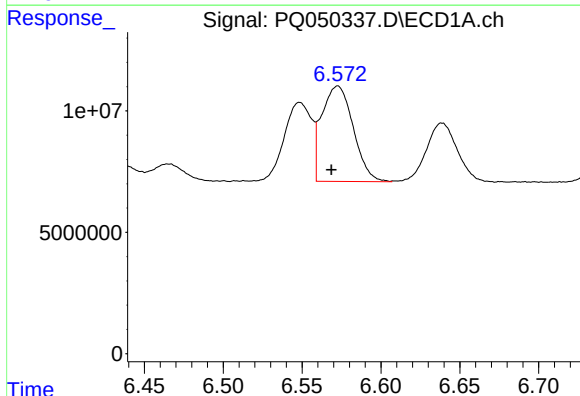
R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 26508952
Conc: 249.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



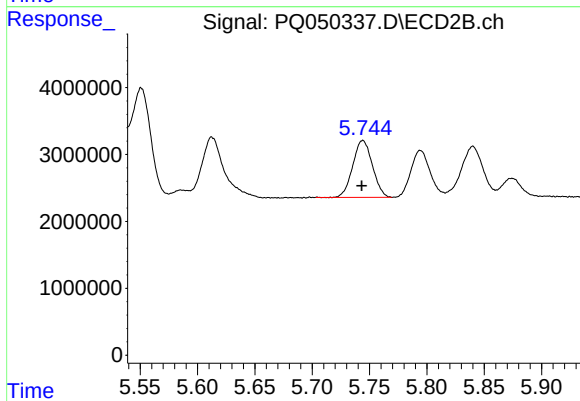
#12 AR-1232-2

R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 19518103
Conc: 205.72 ng/ml



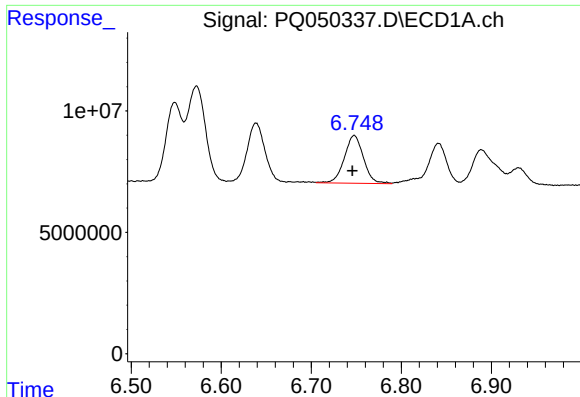
#13 AR-1232-3

R.T.: 6.573 min
Delta R.T.: 0.004 min
Response: 54671306
Conc: 252.73 ng/ml



#13 AR-1232-3

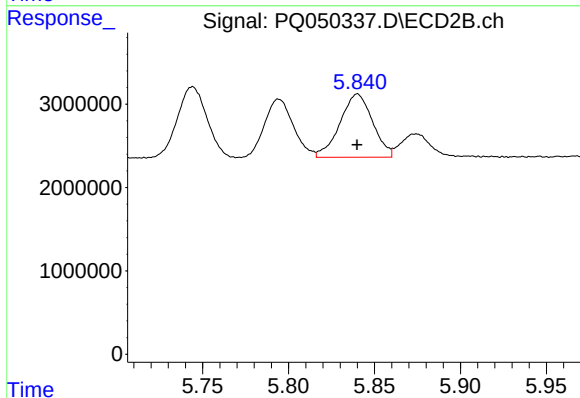
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 10124168
Conc: 204.41 ng/ml



#14 AR-1232-4

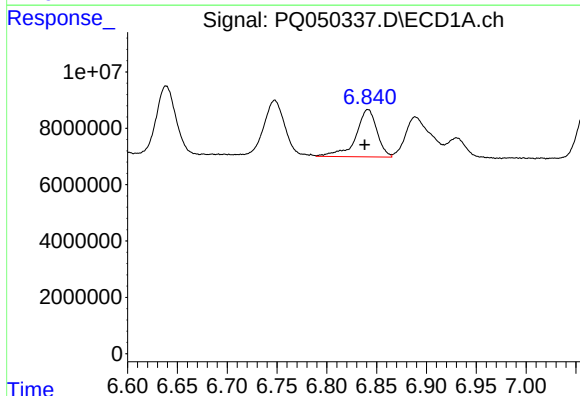
R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 29100801
Conc: 276.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



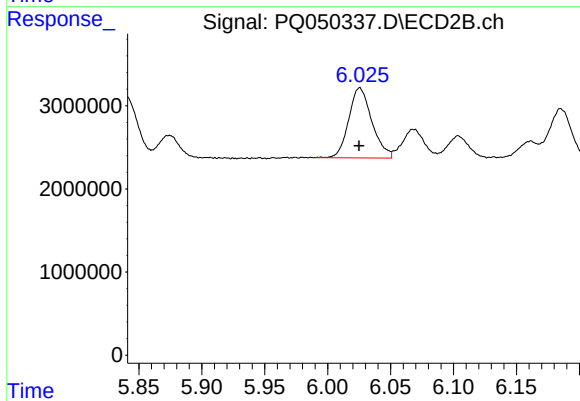
#14 AR-1232-4

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 10014305
Conc: 224.70 ng/ml



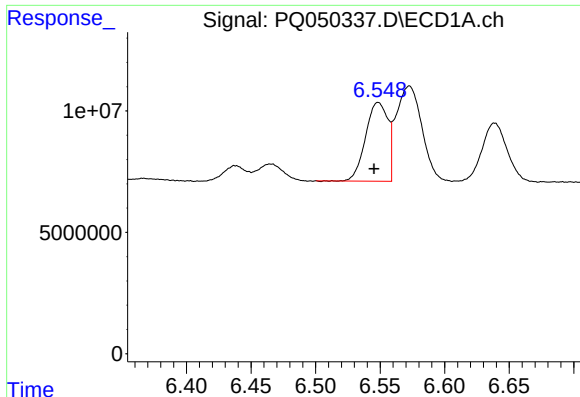
#15 AR-1232-5

R.T.: 6.841 min
Delta R.T.: 0.003 min
Response: 24894136
Conc: 330.46 ng/ml



#15 AR-1232-5

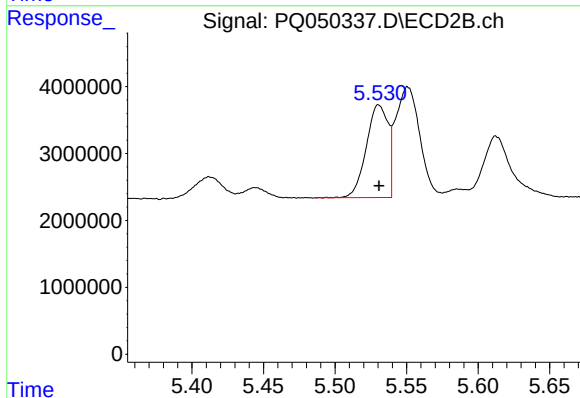
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 10827872
Conc: 213.08 ng/ml



#16 AR-1242-1

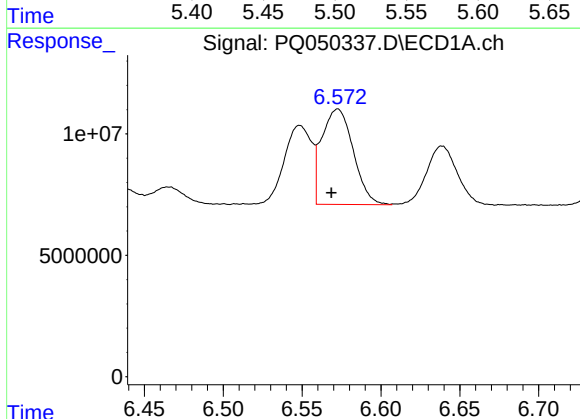
R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 38933022
Conc: 144.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



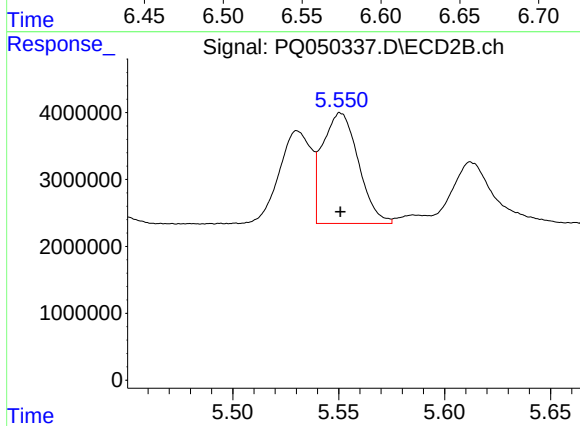
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 14626409
Conc: 115.08 ng/ml



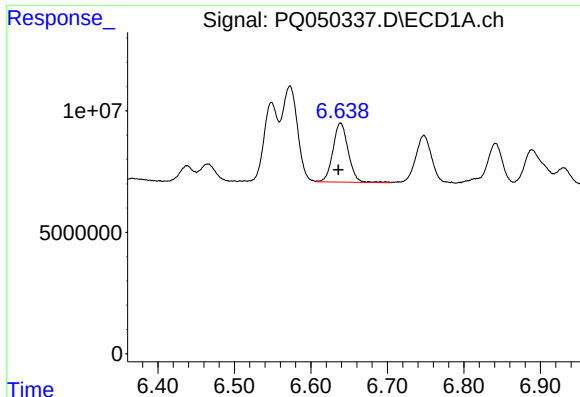
#17 AR-1242-2

R.T.: 6.573 min
Delta R.T.: 0.004 min
Response: 54671306
Conc: 144.78 ng/ml



#17 AR-1242-2

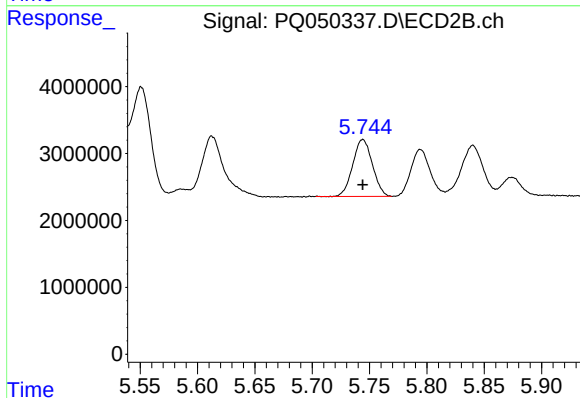
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 19518103
Conc: 112.38 ng/ml



#18 AR-1242-3

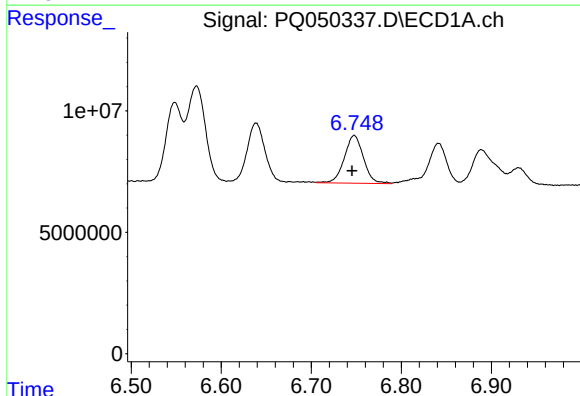
R.T.: 6.639 min
Delta R.T.: 0.003 min
Response: 33916787
Conc: 142.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



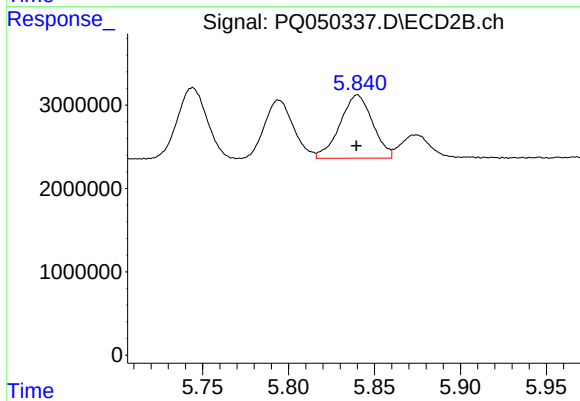
#18 AR-1242-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 10124168
Conc: 109.56 ng/ml



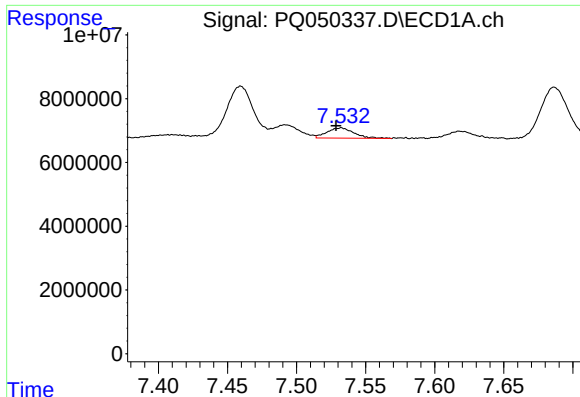
#19 AR-1242-4

R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 29100801
Conc: 150.18 ng/ml



#19 AR-1242-4

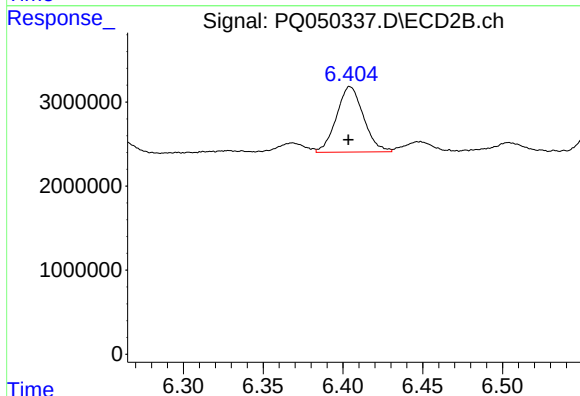
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 10014305
Conc: 111.90 ng/ml



#20 AR-1242-5

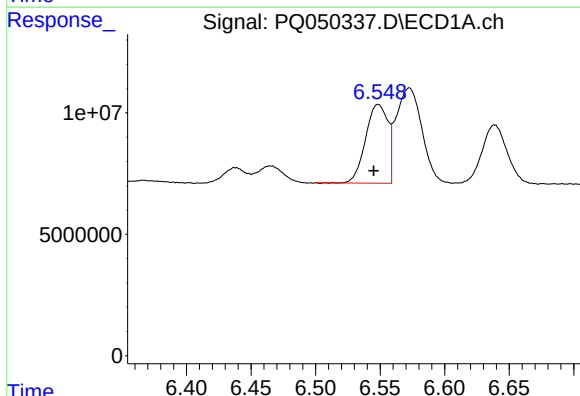
R.T.: 7.532 min
Delta R.T.: 0.004 min
Response: 4344950
Conc: 22.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



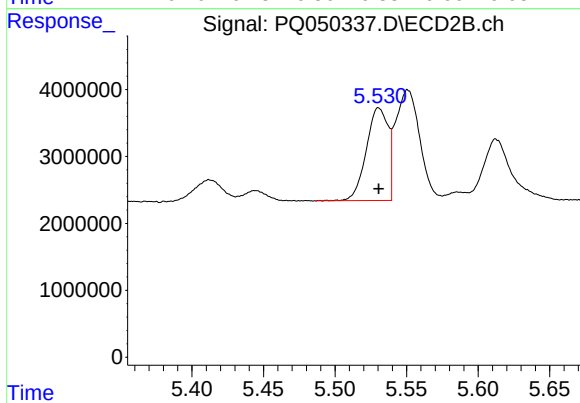
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 9174232
Conc: 68.82 ng/ml



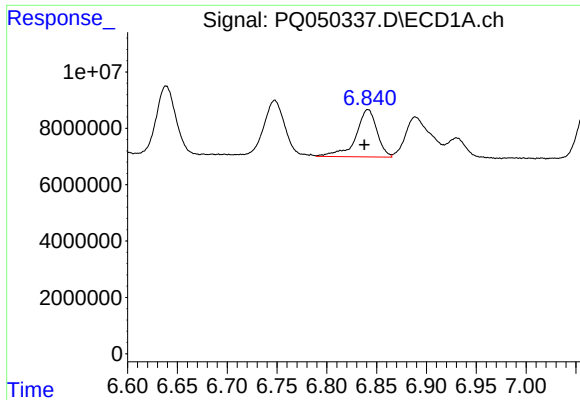
#21 AR-1248-1

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 38933022
Conc: 179.06 ng/ml



#21 AR-1248-1

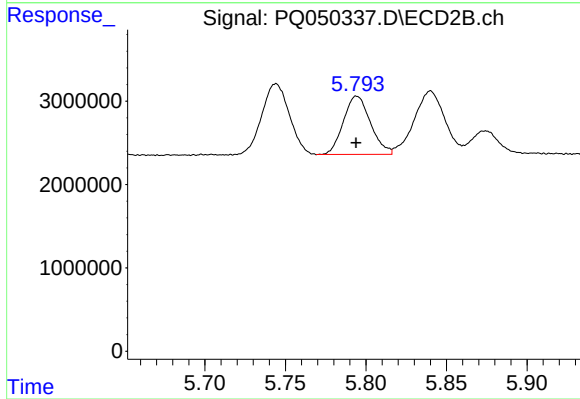
R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 14626409
Conc: 142.85 ng/ml



#22 AR-1248-2

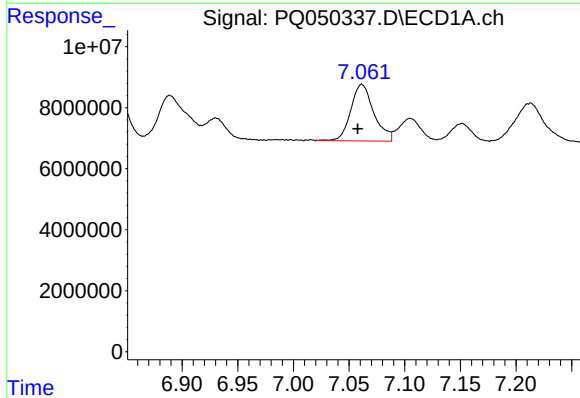
R.T.: 6.841 min
Delta R.T.: 0.004 min
Response: 24894136
Conc: 89.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



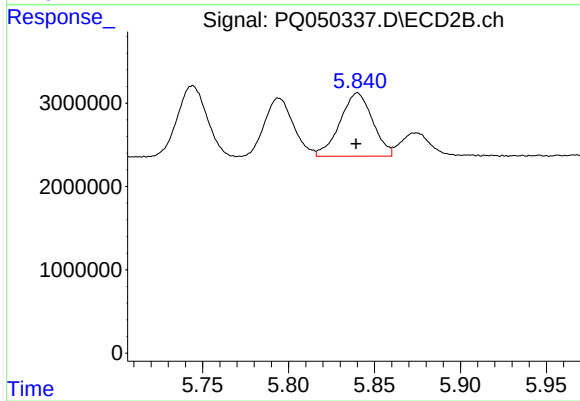
#22 AR-1248-2

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 8183428
Conc: 62.78 ng/ml



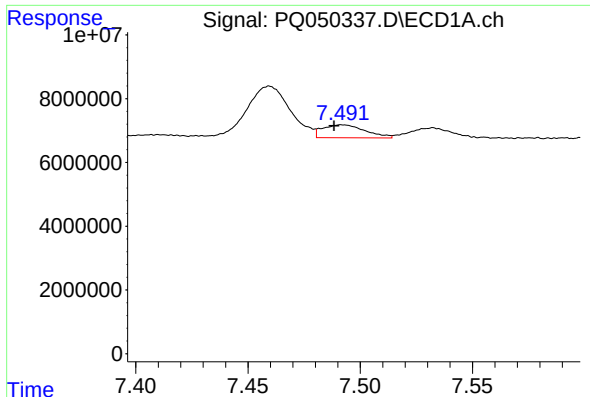
#23 AR-1248-3

R.T.: 7.061 min
Delta R.T.: 0.004 min
Response: 26819240
Conc: 89.24 ng/ml



#23 AR-1248-3

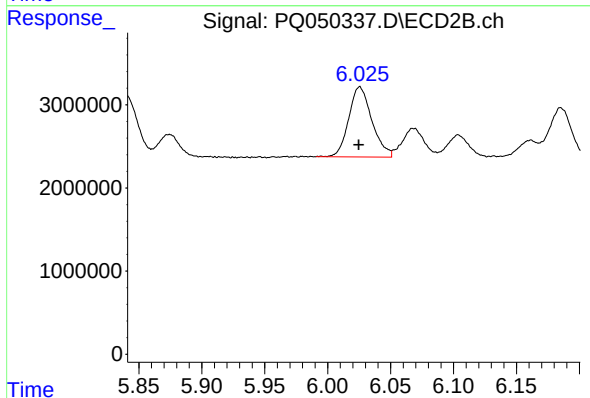
R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 10014305
Conc: 75.49 ng/ml



#24 AR-1248-4

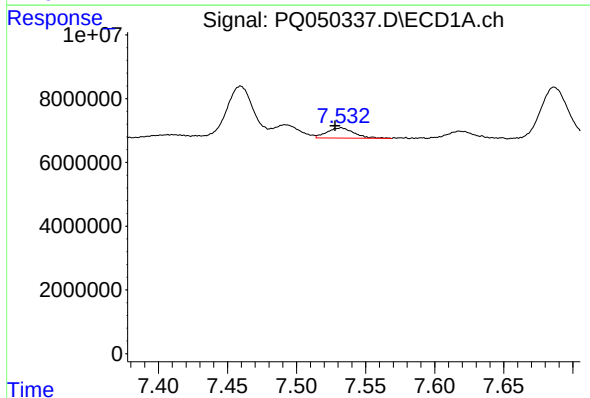
R.T.: 7.492 min
Delta R.T.: 0.004 min
Response: 5332997
Conc: 15.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



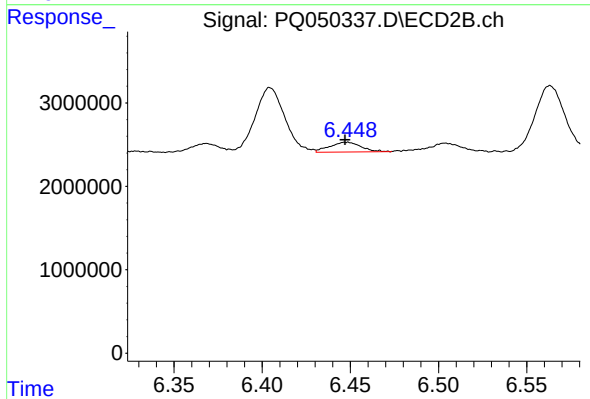
#24 AR-1248-4

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 10827872
Conc: 65.58 ng/ml



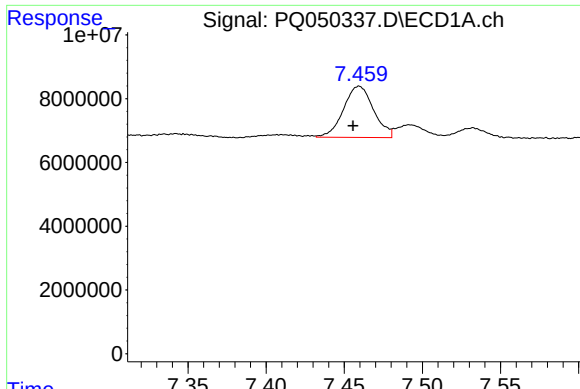
#25 AR-1248-5

R.T.: 7.532 min
Delta R.T.: 0.004 min
Response: 4344950
Conc: 13.80 ng/ml



#25 AR-1248-5

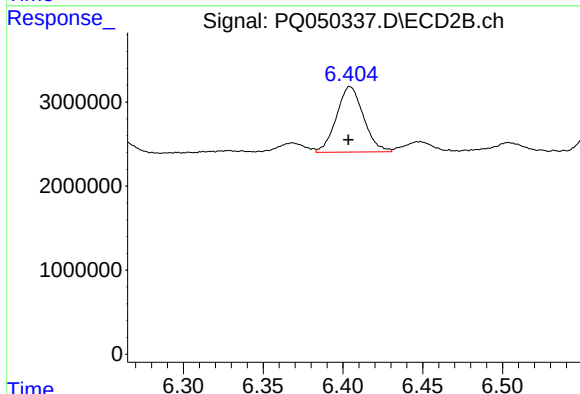
R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 1448546
Conc: 7.99 ng/ml



#26 AR-1254-1

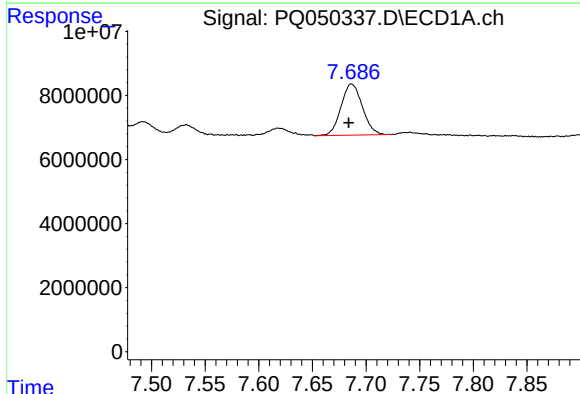
R.T.: 7.459 min
Delta R.T.: 0.004 min
Response: 21503686
Conc: 65.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



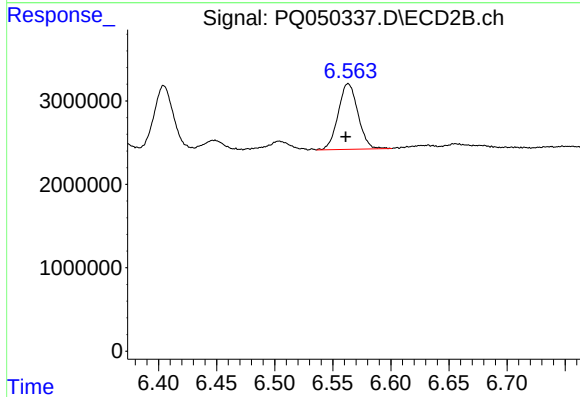
#26 AR-1254-1

R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 9174232
Conc: 33.11 ng/ml



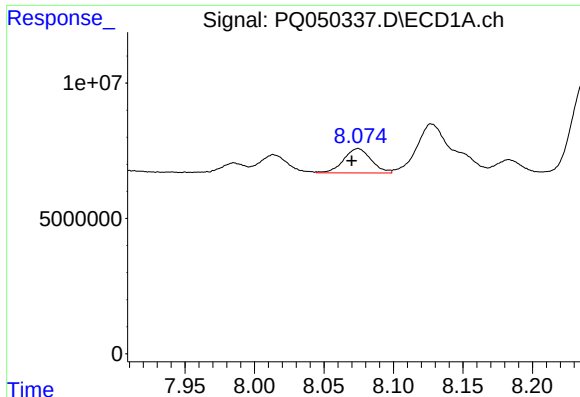
#27 AR-1254-2

R.T.: 7.687 min
Delta R.T.: 0.003 min
Response: 22083458
Conc: 45.38 ng/ml



#27 AR-1254-2

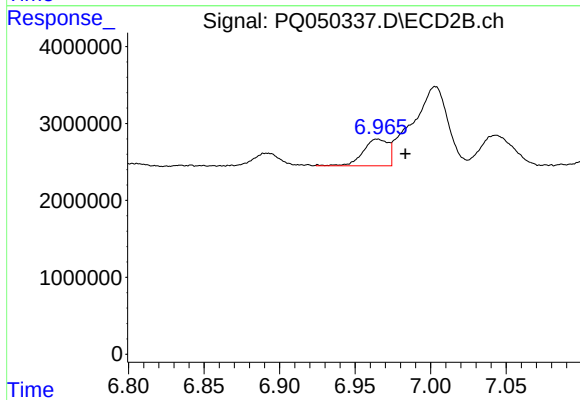
R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 9319237
Conc: 37.68 ng/ml



#28 AR-1254-3

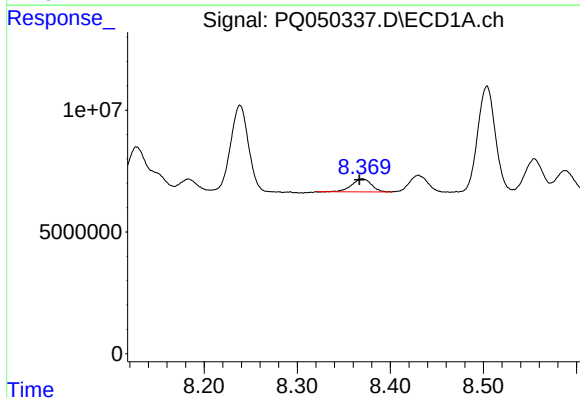
R.T.: 8.075 min
Delta R.T.: 0.005 min
Response: 12386991
Conc: 25.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



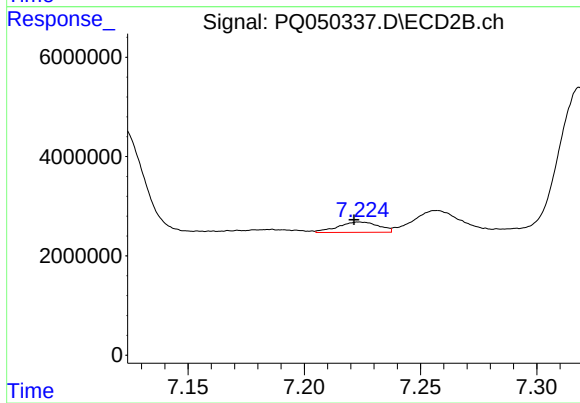
#28 AR-1254-3

R.T.: 6.965 min
Delta R.T.: -0.019 min
Response: 4038842
Conc: 9.85 ng/ml



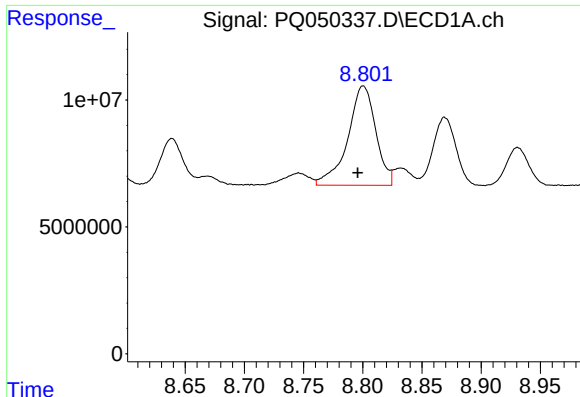
#29 AR-1254-4

R.T.: 8.370 min
Delta R.T.: 0.003 min
Response: 7925559
Conc: 20.89 ng/ml



#29 AR-1254-4

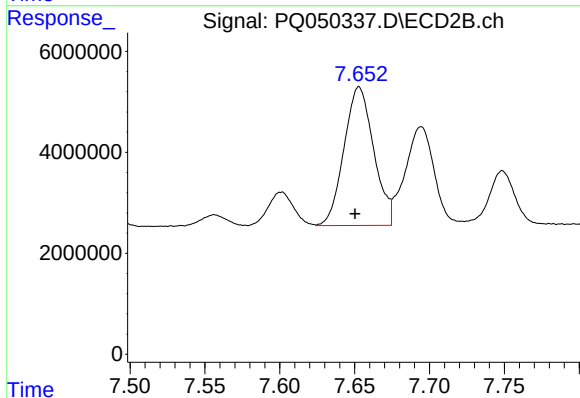
R.T.: 7.224 min
Delta R.T.: 0.003 min
Response: 2519110
Conc: 8.33 ng/ml



#30 AR-1254-5

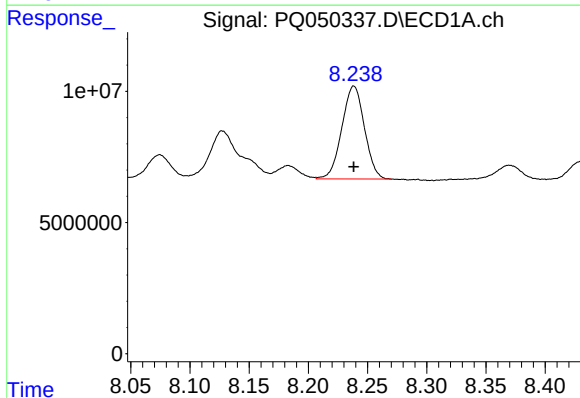
R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 64542095
Conc: 172.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



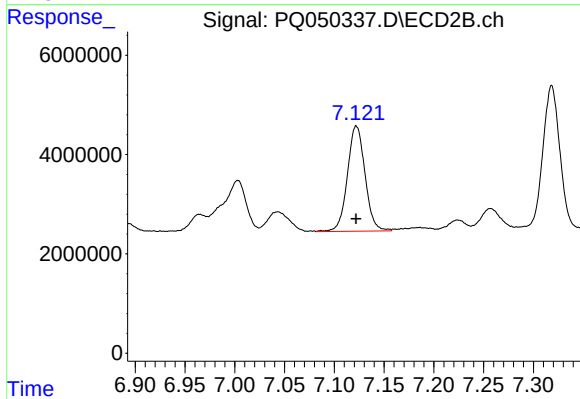
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: 0.003 min
Response: 37917611
Conc: 94.55 ng/ml



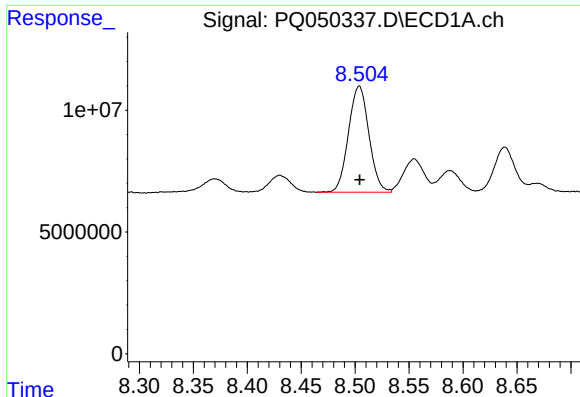
#31 AR-1260-1

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 47053453
Conc: 144.48 ng/ml



#31 AR-1260-1

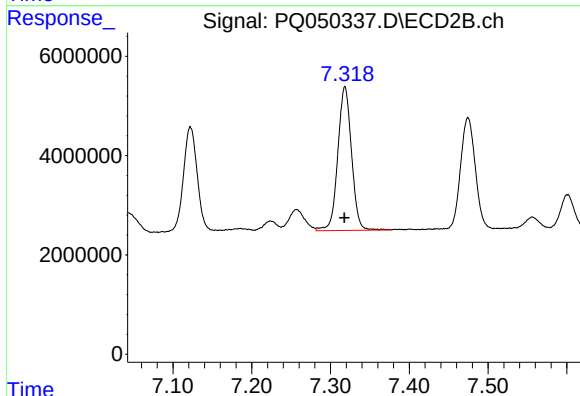
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 26112459
Conc: 106.56 ng/ml



#32 AR-1260-2

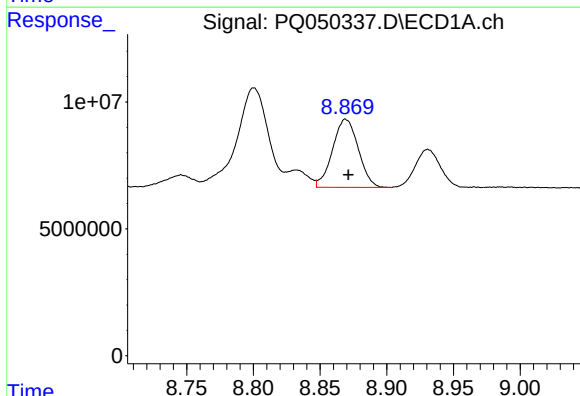
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 57566648
Conc: 148.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



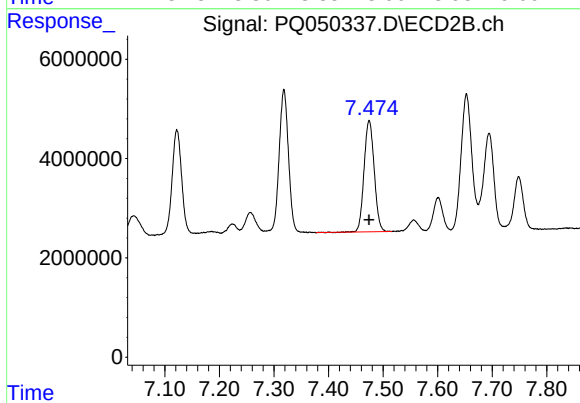
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 35194210
Conc: 99.79 ng/ml



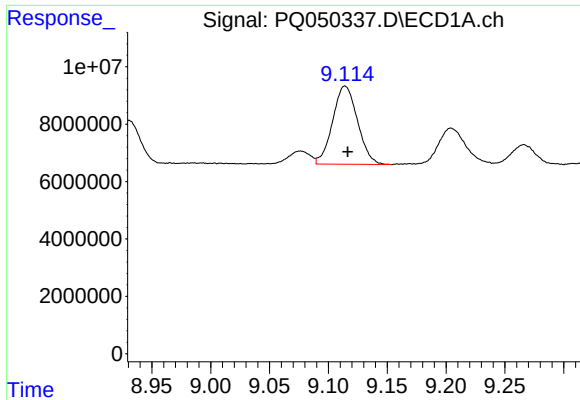
#33 AR-1260-3

R.T.: 8.869 min
Delta R.T.: -0.002 min
Response: 36150197
Conc: 120.39 ng/ml



#33 AR-1260-3

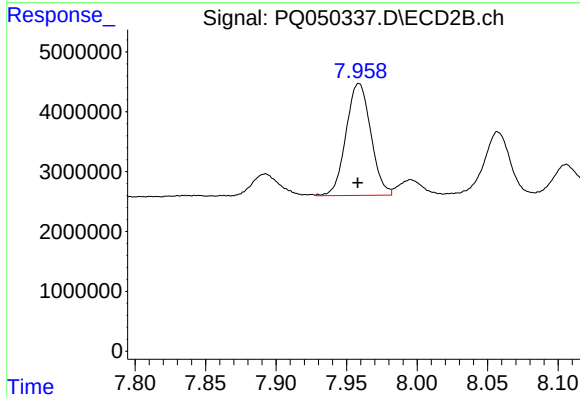
R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 29053727
Conc: 96.42 ng/ml



#34 AR-1260-4

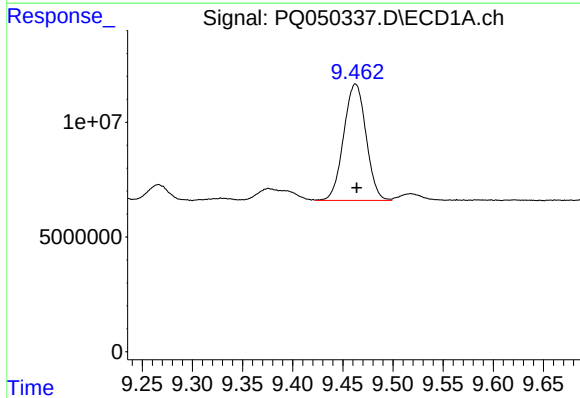
R.T.: 9.114 min
Delta R.T.: -0.002 min
Response: 40146020
Conc: 124.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



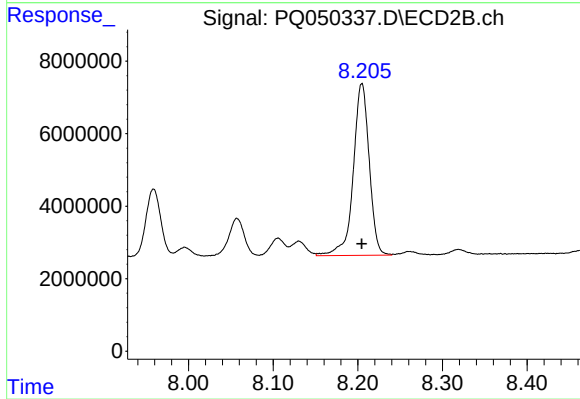
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 22841726
Conc: 83.77 ng/ml



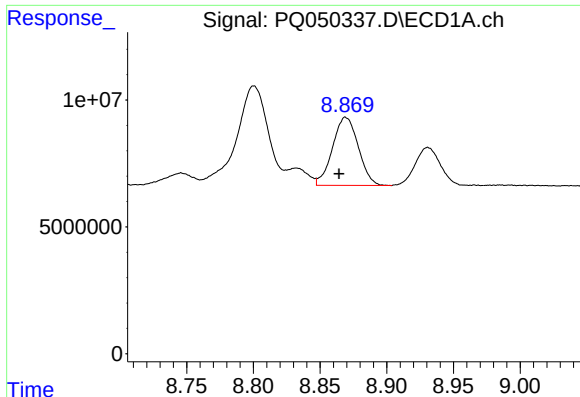
#35 AR-1260-5

R.T.: 9.463 min
Delta R.T.: -0.001 min
Response: 78806990
Conc: 117.44 ng/ml



#35 AR-1260-5

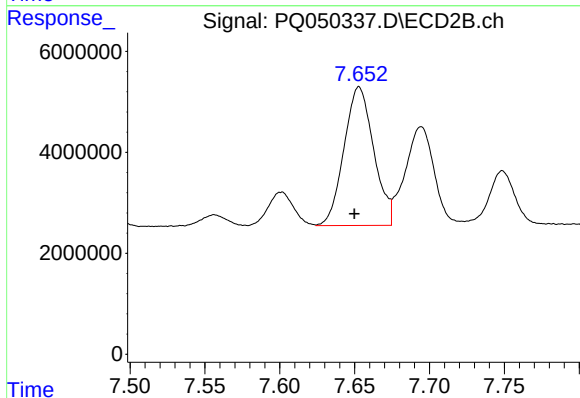
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 62087278
Conc: 80.54 ng/ml



#36 AR-1262-1

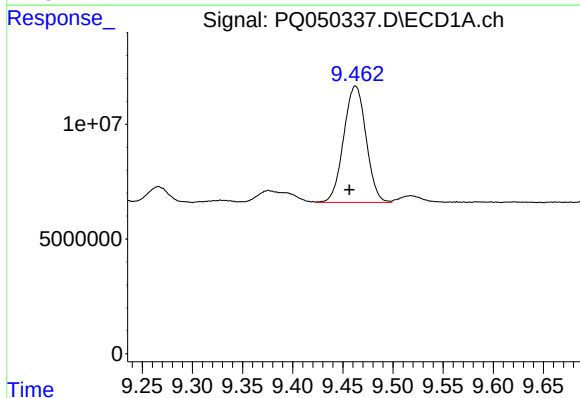
R.T.: 8.869 min
Delta R.T.: 0.005 min
Response: 36150197
Conc: 82.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



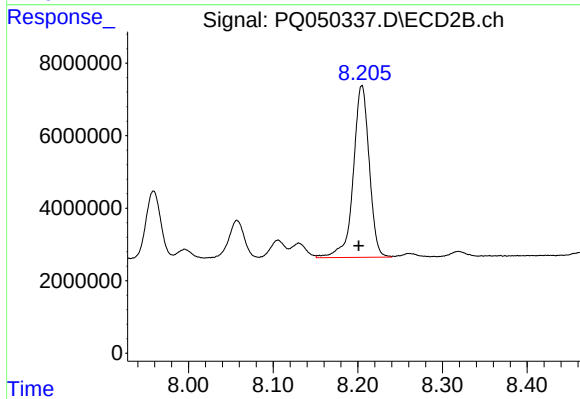
#36 AR-1262-1

R.T.: 7.653 min
Delta R.T.: 0.003 min
Response: 37917611
Conc: 182.60 ng/ml



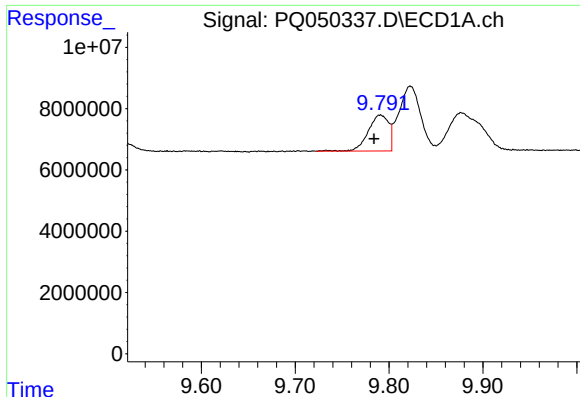
#37 AR-1262-2

R.T.: 9.463 min
Delta R.T.: 0.006 min
Response: 78806990
Conc: 102.24 ng/ml



#37 AR-1262-2

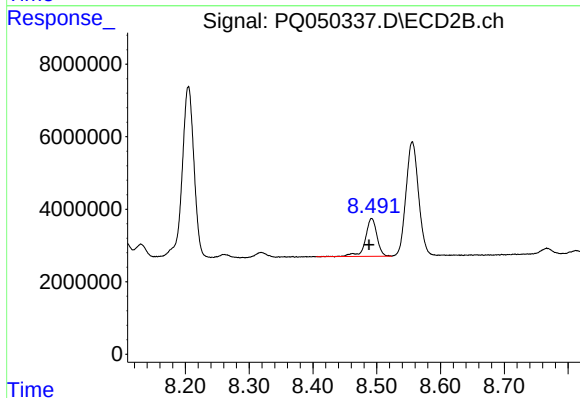
R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 62087278
Conc: 69.98 ng/ml



#38 AR-1262-3

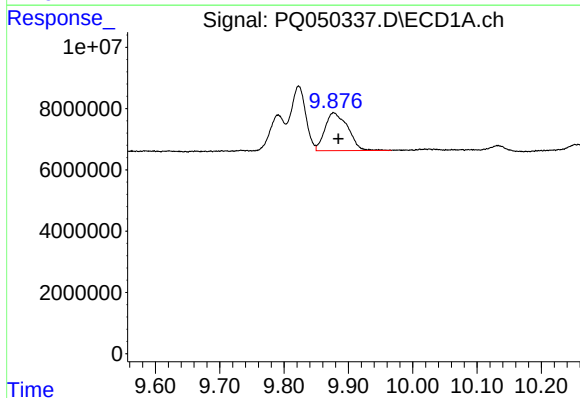
R.T.: 9.791 min
Delta R.T.: 0.006 min
Response: 17947006
Conc: 49.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



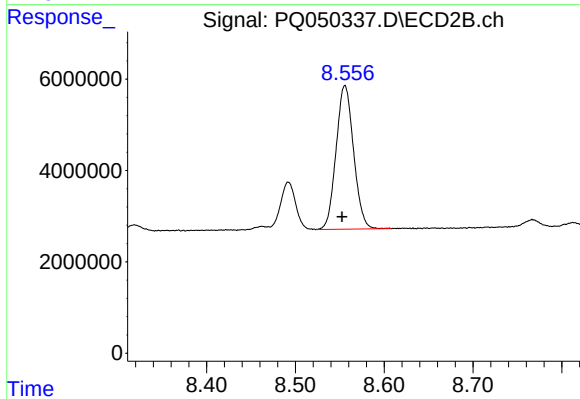
#38 AR-1262-3

R.T.: 8.492 min
Delta R.T.: 0.004 min
Response: 13195472
Conc: 35.78 ng/ml



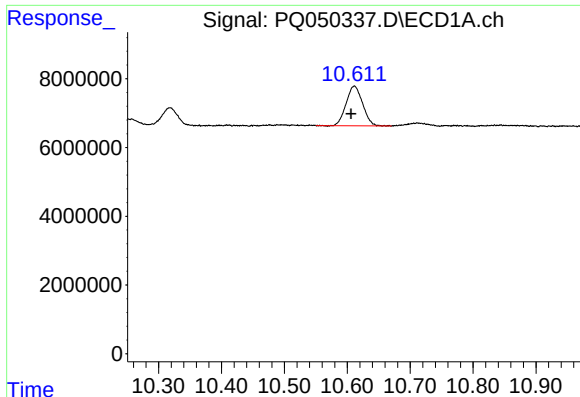
#39 AR-1262-4

R.T.: 9.877 min
Delta R.T.: -0.008 min
Response: 30636335
Conc: 69.25 ng/ml



#39 AR-1262-4

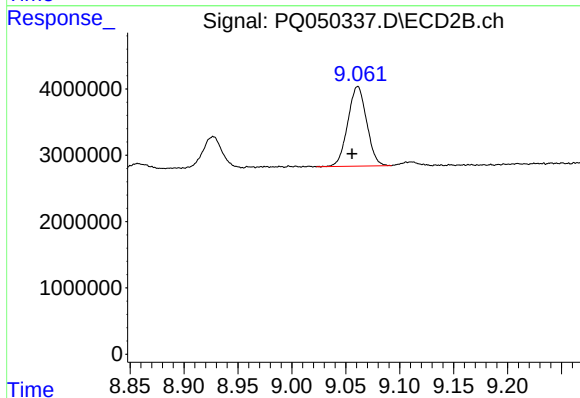
R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 43126081
Conc: 67.53 ng/ml



#40 AR-1262-5

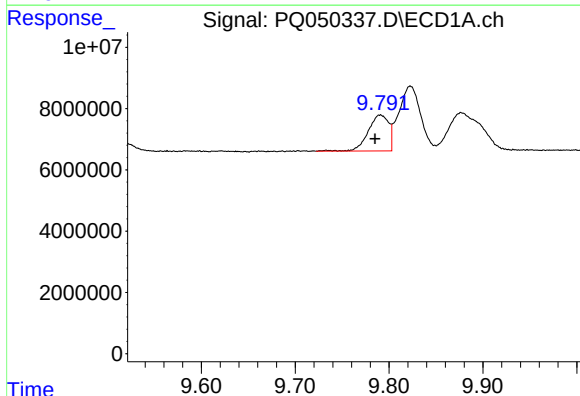
R.T.: 10.611 min
Delta R.T.: 0.006 min
Response: 21073445
Conc: 61.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



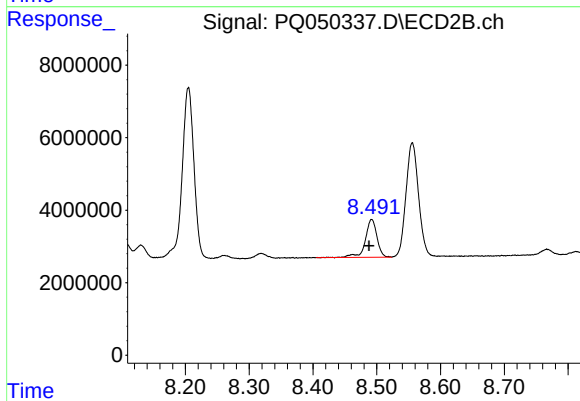
#40 AR-1262-5

R.T.: 9.061 min
Delta R.T.: 0.005 min
Response: 14611069
Conc: 43.79 ng/ml



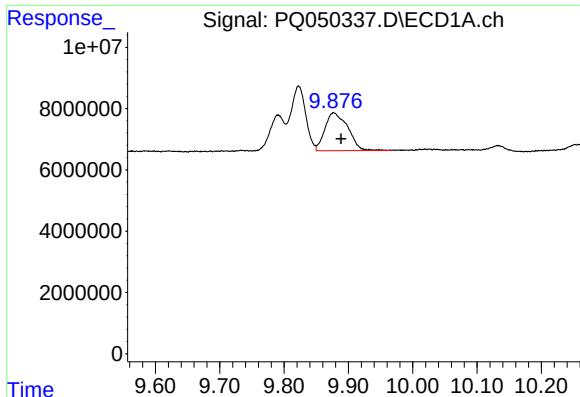
#41 AR-1268-1

R.T.: 9.791 min
Delta R.T.: 0.006 min
Response: 17947006
Conc: 18.67 ng/ml



#41 AR-1268-1

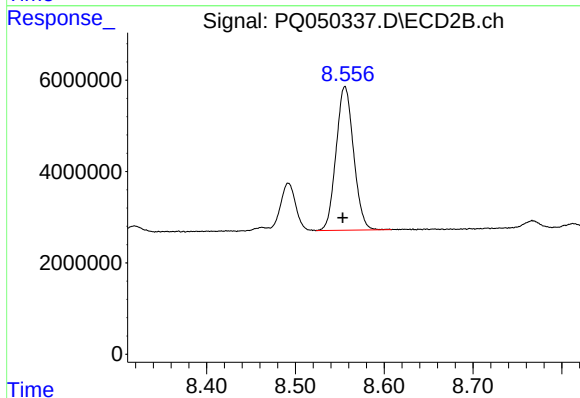
R.T.: 8.492 min
Delta R.T.: 0.004 min
Response: 13195472
Conc: 11.77 ng/ml



#42 AR-1268-2

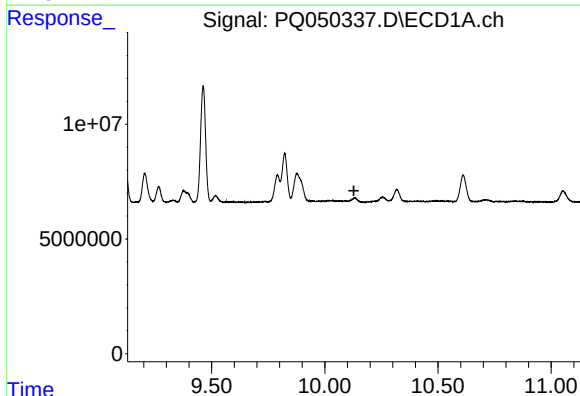
R.T.: 9.877 min
Delta R.T.: -0.012 min
Response: 30636335
Conc: 33.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



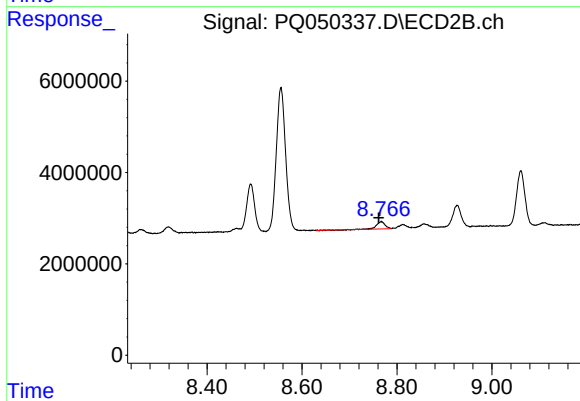
#42 AR-1268-2

R.T.: 8.556 min
Delta R.T.: 0.002 min
Response: 43126081
Conc: 44.43 ng/ml



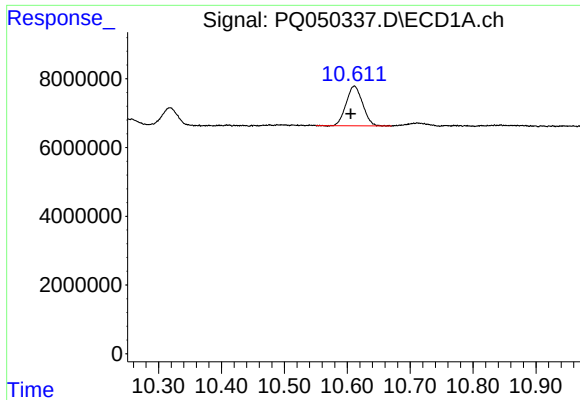
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.128 min
Response: 0
Conc: N.D.



#43 AR-1268-3

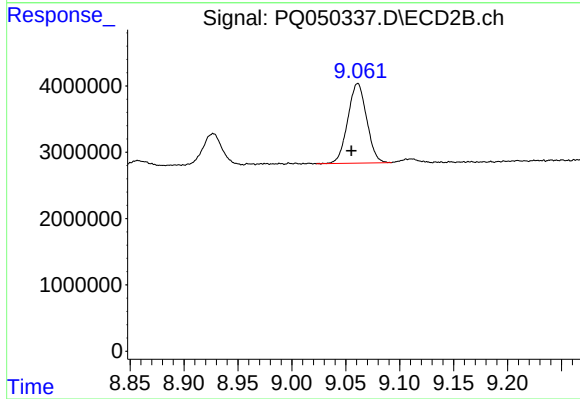
R.T.: 8.767 min
Delta R.T.: 0.005 min
Response: 1839432
Conc: 2.22 ng/ml



#44 AR-1268-4

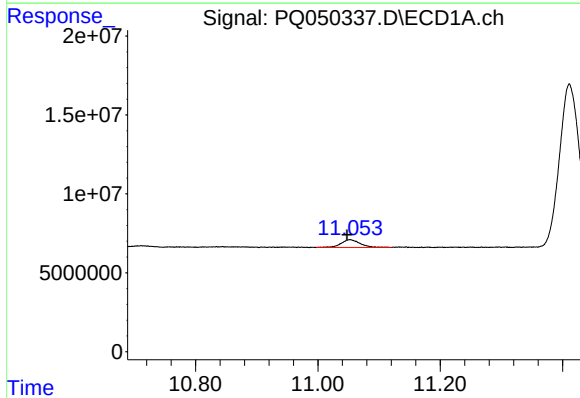
R.T.: 10.611 min
Delta R.T.: 0.006 min
Response: 21073445
Conc: 54.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



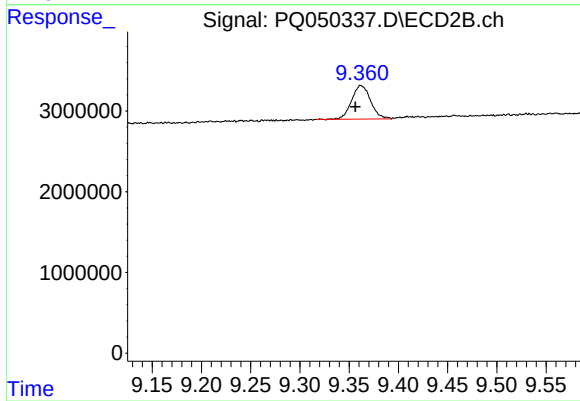
#44 AR-1268-4

R.T.: 9.061 min
Delta R.T.: 0.006 min
Response: 14611069
Conc: 38.37 ng/ml



#45 AR-1268-5

R.T.: 11.053 min
Delta R.T.: 0.005 min
Response: 10490347
Conc: 4.08 ng/ml



#45 AR-1268-5

R.T.: 9.362 min
Delta R.T.: 0.006 min
Response: 5577316
Conc: 2.17 ng/ml