

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102723AL\
 Data File : FE045070.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2023 18:21
 Operator : YP\AJ
 Sample : 05083-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 00:45:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.898	7613815	37.981 ug/ml
Spiked Amount 50.000		Recovery =	75.96%
12) S 1-chlorooctadecane (S...	13.341	5899378	39.864 ug/ml
Spiked Amount 50.000		Recovery =	79.73%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.235	72446	0.391 ug/ml
6) T n-Tetradecane (C14)	8.495	2641932	15.407 ug/ml
8) T n-Octadecane (C18)	11.581	54766	0.314 ug/ml
10) T n-Eicosane (C20)	12.892	87446	0.524 ug/ml
11) T n-Heneicosane (C21)	13.530	90683	0.556 ug/ml
13) T n-Docosane (C22)	14.095	275779	1.724 ug/ml
14) T n-Tetracosane (C24)	15.195	2095795	13.504 ug/ml
15) T n-Hexacosane (C26)	16.238	572896	3.816 ug/ml
16) T n-Octacosane (C28)	17.192	1226686	8.354 ug/ml
17) T n-Tricontane (C30)	18.076	2826608	19.005 ug/ml
18) T n-Dotriacontane (C32)	18.901	4316090	28.756 ug/ml
19) T n-Tetratriacontane (C34)	19.720	6207538	41.699 ug/ml
20) T n-Hexatriacontane (C36)	20.434	3095740	20.136 ug/ml
21) T n-Octatriacontane (C38)	21.122f	2257259	14.450 ug/ml
22) T n-Tetracontane (C40)	22.083	412368	2.467 ug/ml

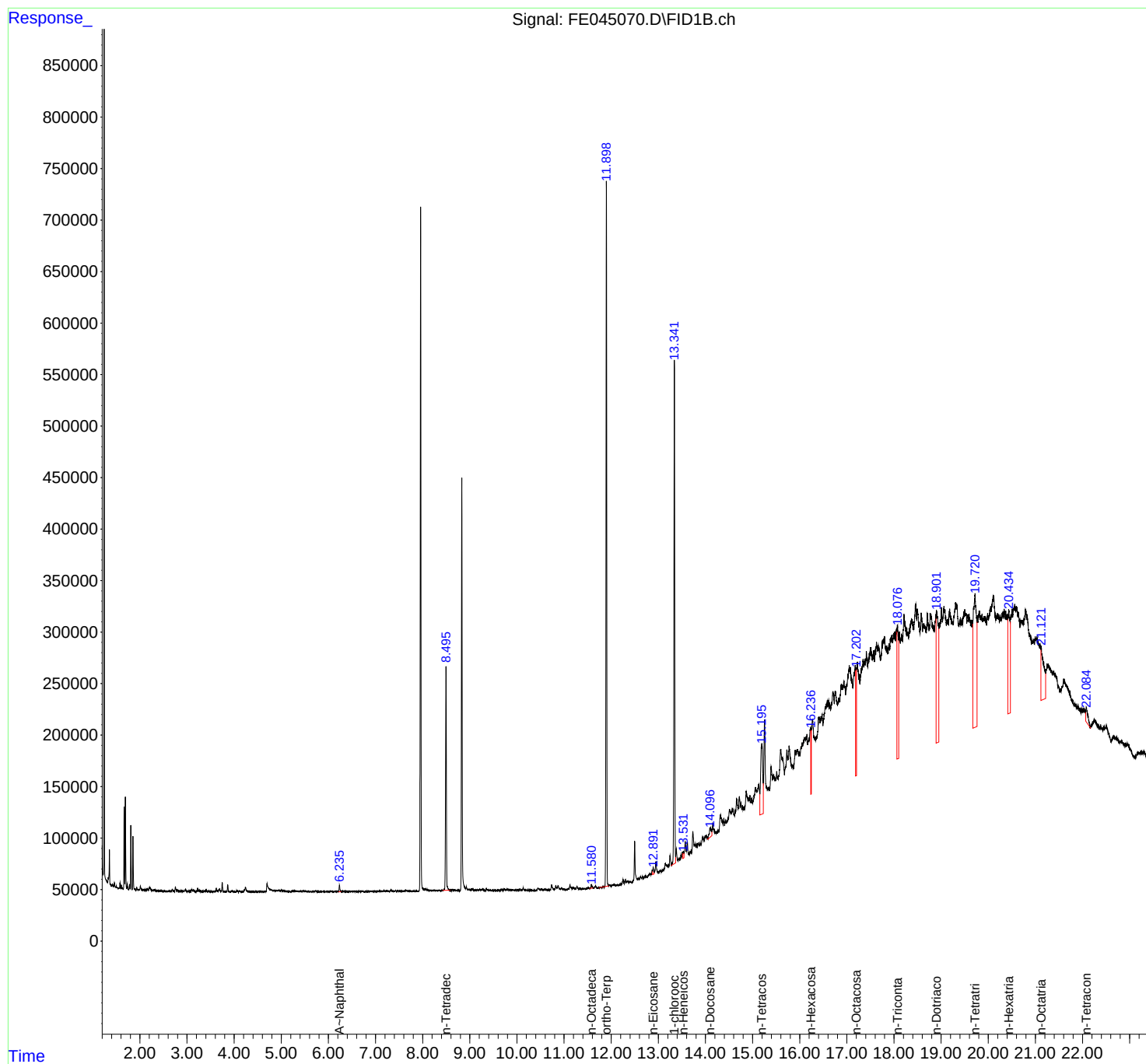
(f)=RT Delta > 1/2 Window

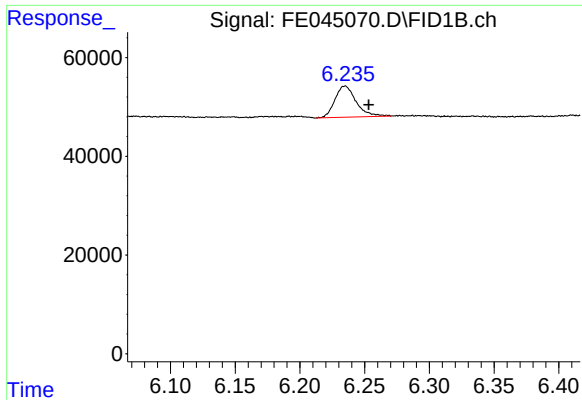
(m)=manual int.

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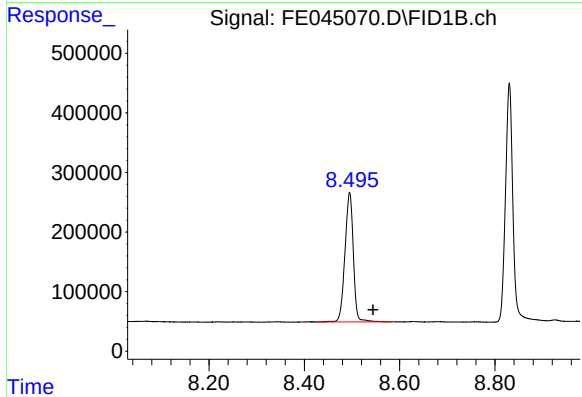
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





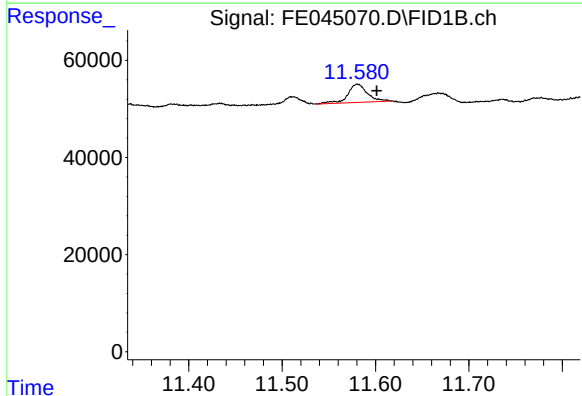
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.018 min
Response: 72446
Conc: 0.39 ug/ml



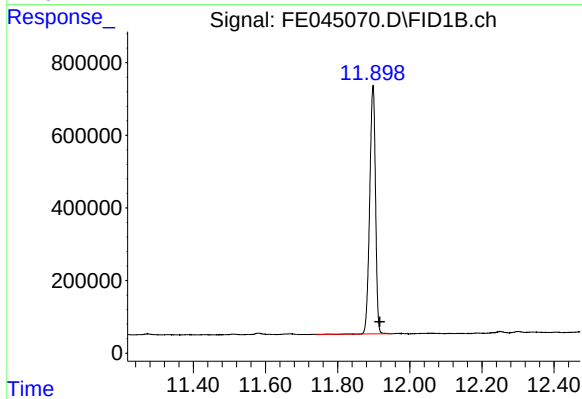
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.049 min
Response: 2641932
Conc: 15.41 ug/ml



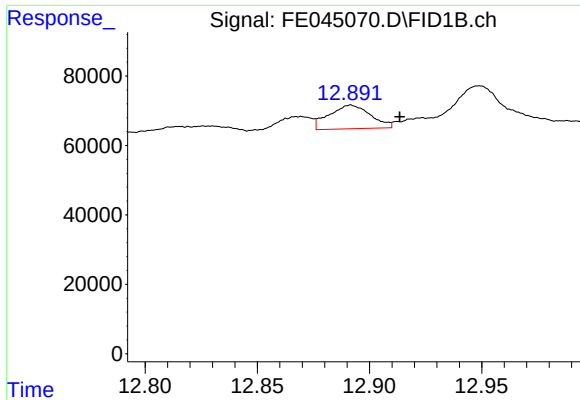
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 54766
Conc: 0.31 ug/ml



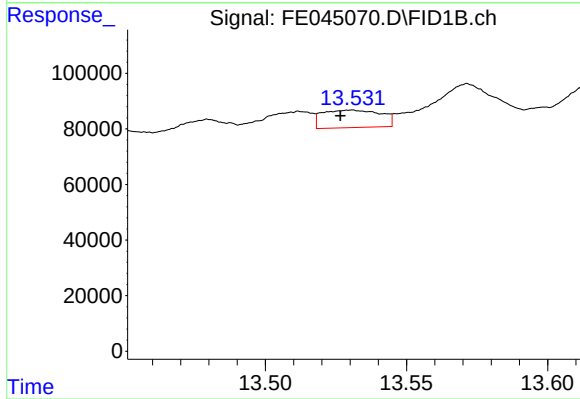
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.019 min
Response: 7613815
Conc: 37.98 ug/ml



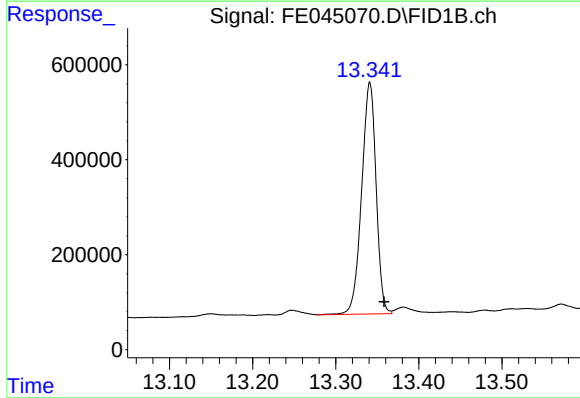
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.022 min
Response: 87446
Conc: 0.52 ug/ml



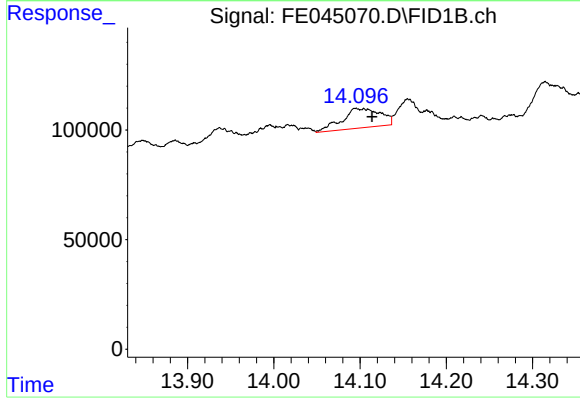
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.004 min
Response: 90683
Conc: 0.56 ug/ml



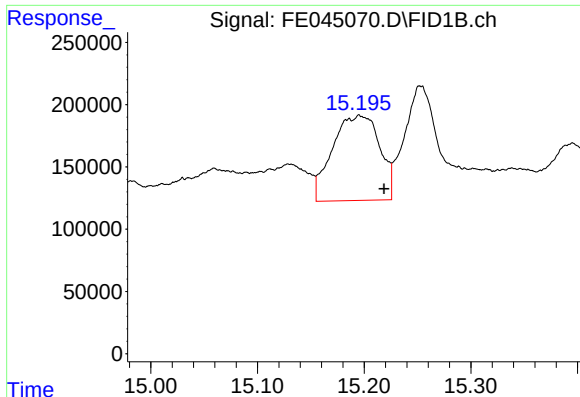
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.017 min
Response: 5899378
Conc: 39.86 ug/ml



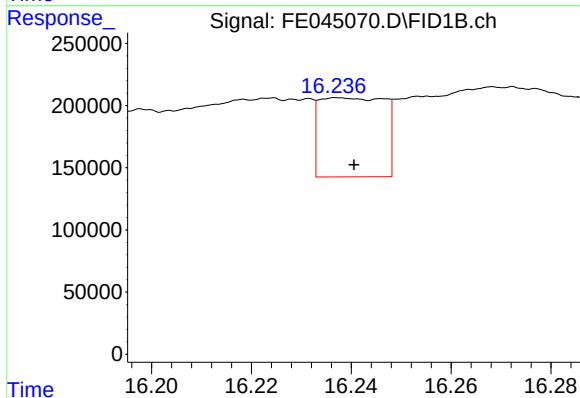
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 275779
Conc: 1.72 ug/ml



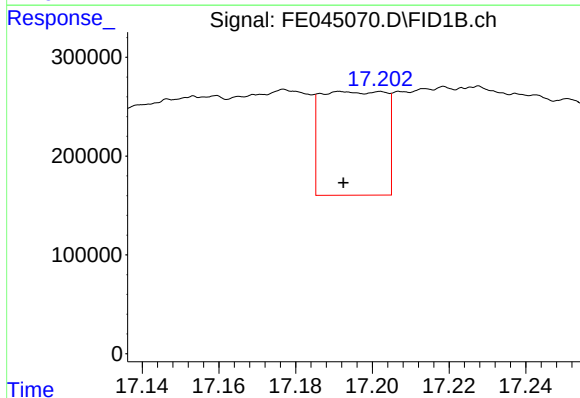
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.023 min
Response: 2095795
Conc: 13.50 ug/ml



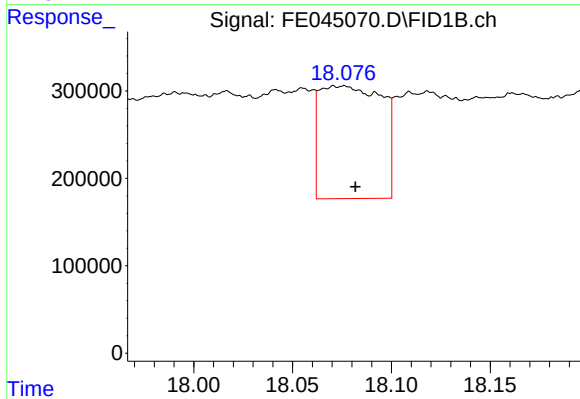
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 572896
Conc: 3.82 ug/ml



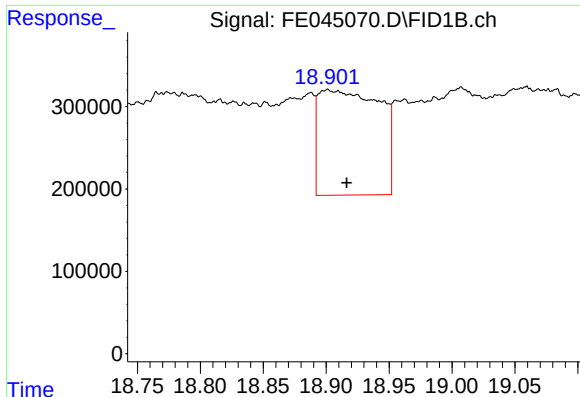
#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 1226686
Conc: 8.35 ug/ml



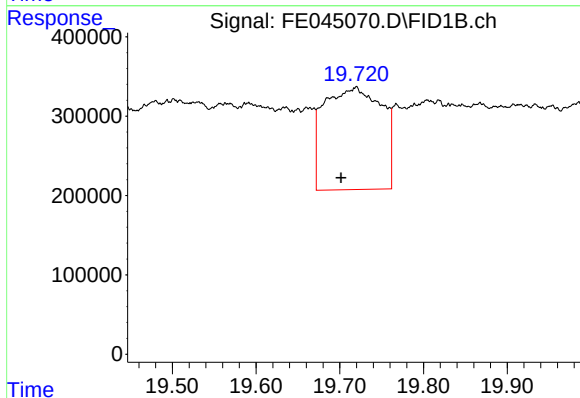
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.006 min
Response: 2826608
Conc: 19.01 ug/ml



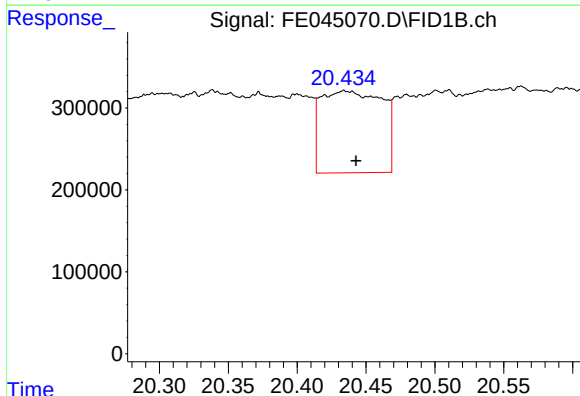
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 4316090
Conc: 28.76 ug/ml



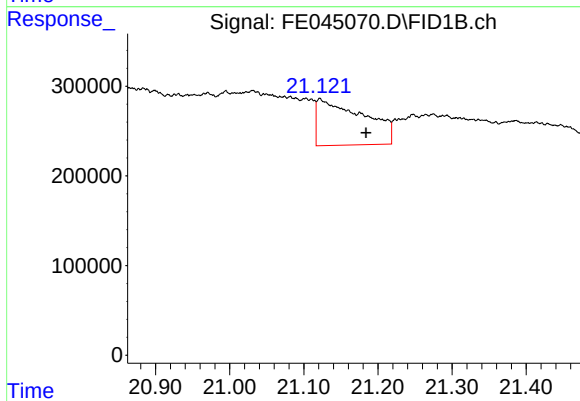
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.018 min
Response: 6207538
Conc: 41.70 ug/ml



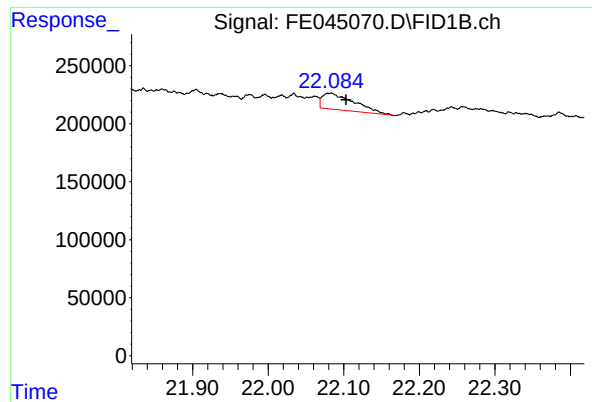
#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.009 min
Response: 3095740
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.062 min
Response: 2257259
Conc: 14.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: -0.020 min
Response: 412368
Conc: 2.47 ug/ml