

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040324AL\
 Data File : FE047442.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2024 16:52
 Operator : YP\AJ
 Sample : P1955-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 02:59:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.988	17108675	98.640 ug/ml
Spiked Amount 50.000		Recovery =	197.28%
12) S 1-chlorooctadecane (S...	13.423	12826250	95.365 ug/ml
Spiked Amount 50.000		Recovery =	190.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.620	291500	1.812 ug/ml
7) T n-Hexadecane (C16)	10.225	1453210	8.750 ug/ml
8) T n-Octadecane (C18)	11.645	6190263	36.913 ug/ml
10) T n-Eicosane (C20)	12.978	3276288	20.224 ug/ml
11) T n-Heneicosane (C21)	13.568	2257205	14.225 ug/ml
13) T n-Docosane (C22)	14.181	3909866	24.363 ug/ml
14) T n-Tetracosane (C24)	15.255	1329531	8.055 ug/ml
16) T n-Octacosane (C28)	17.239	87814	0.530 ug/ml
17) T n-Tricontane (C30)	18.124	146318	0.862 ug/ml
18) T n-Dotriacontane (C32)	18.953	115165	0.691 ug/ml
19) T n-Tetratriacontane (C34)	19.703	202232	1.261 ug/ml

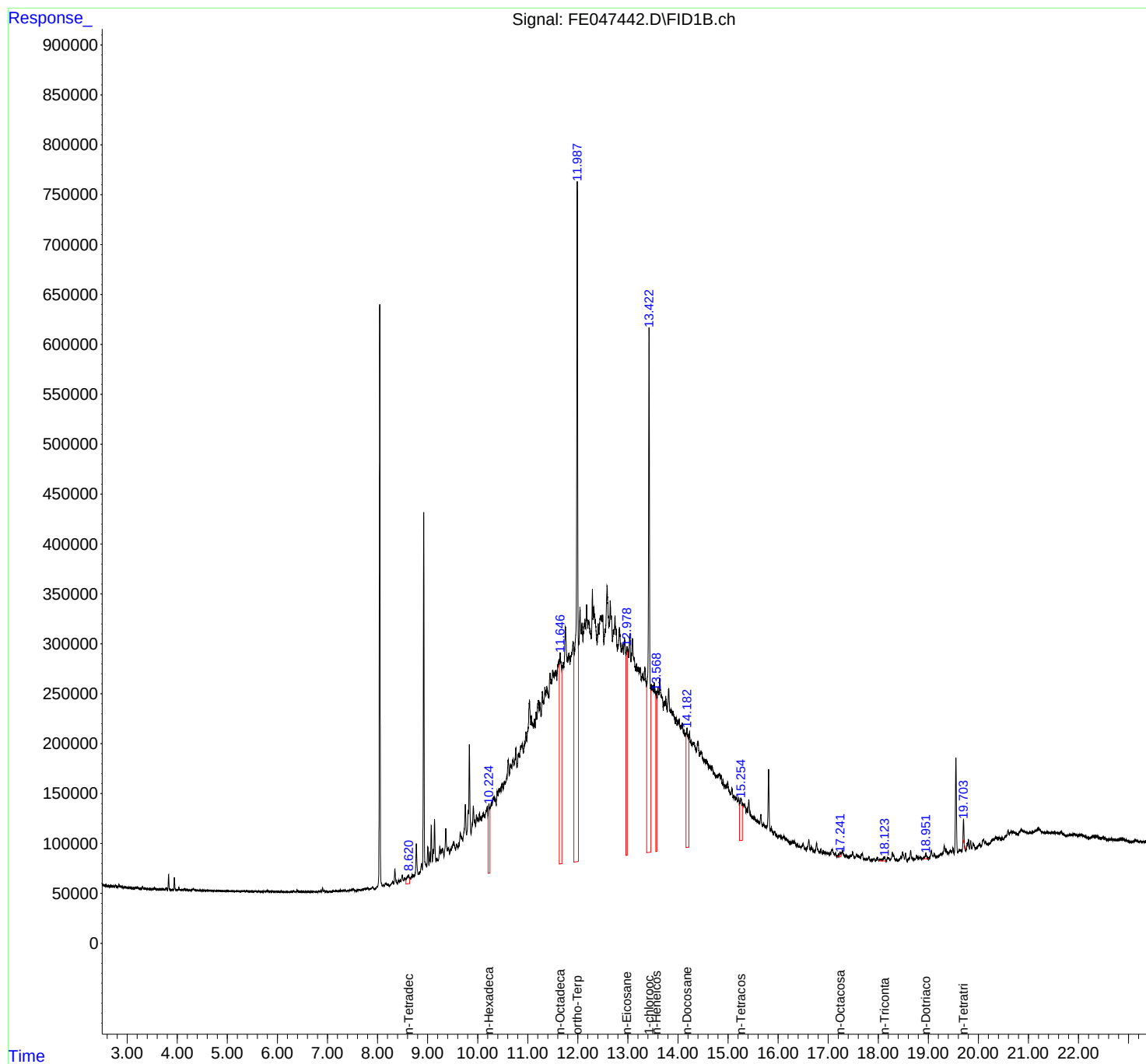
(f)=RT Delta > 1/2 Window

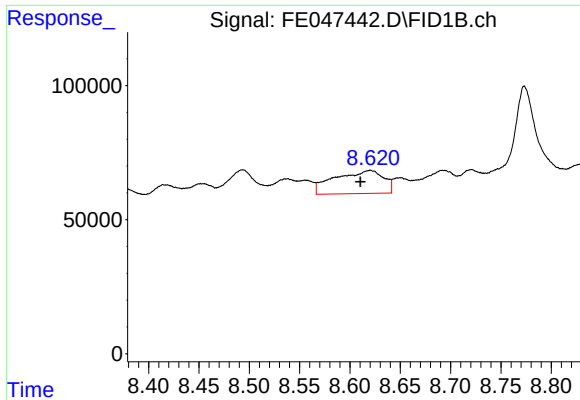
(m)=manual int.

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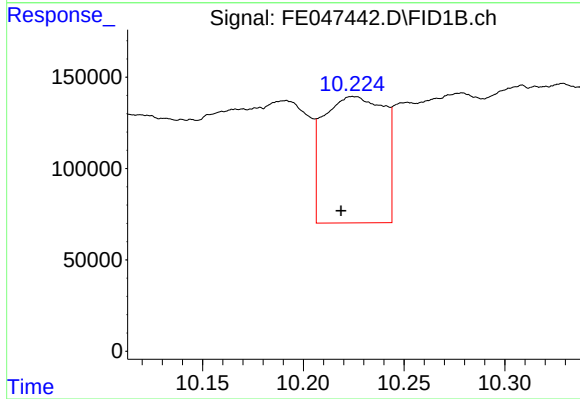
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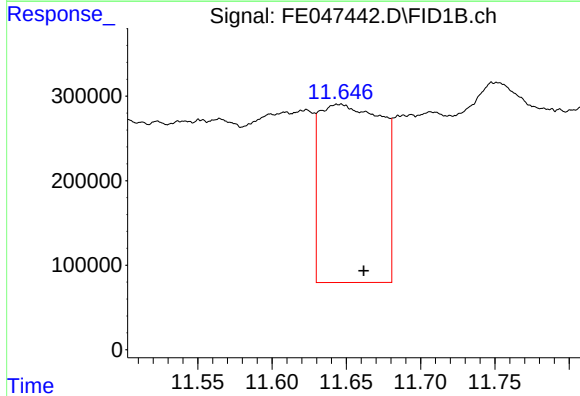
#6 n-Tetradecane (C14)

R.T.: 8.620 min
Delta R.T.: 0.010 min
Response: 291500
Conc: 1.81 ug/ml



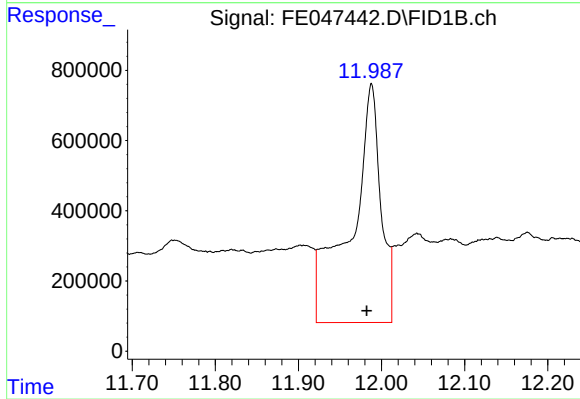
#7 n-Hexadecane (C16)

R.T.: 10.225 min
Delta R.T.: 0.006 min
Response: 1453210
Conc: 8.75 ug/ml



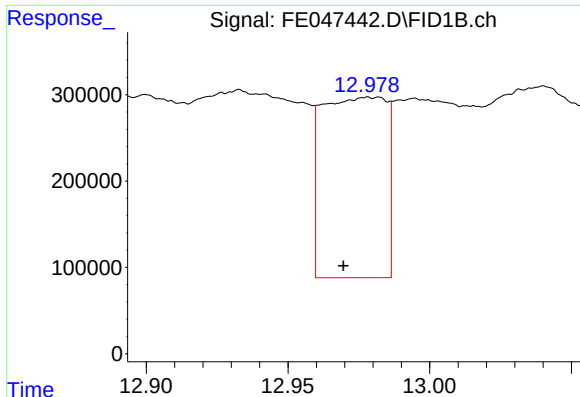
#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.016 min
Response: 6190263
Conc: 36.91 ug/ml



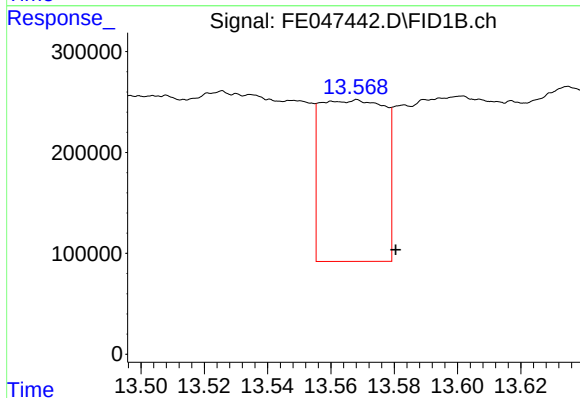
#9 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.006 min
Response: 17108675
Conc: 98.64 ug/ml



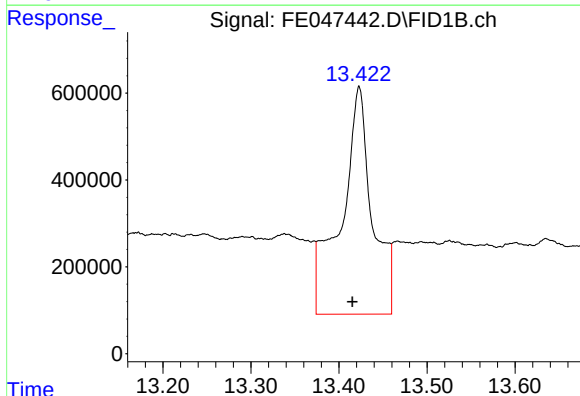
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: 0.009 min
Response: 3276288
Conc: 20.22 ug/ml



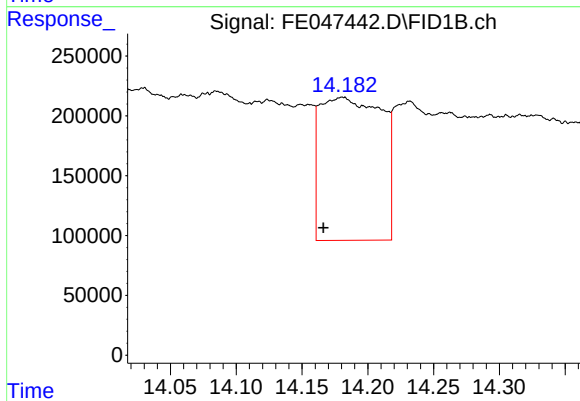
#11 n-Heneicosane (C21)

R.T.: 13.568 min
Delta R.T.: -0.012 min
Response: 2257205
Conc: 14.23 ug/ml



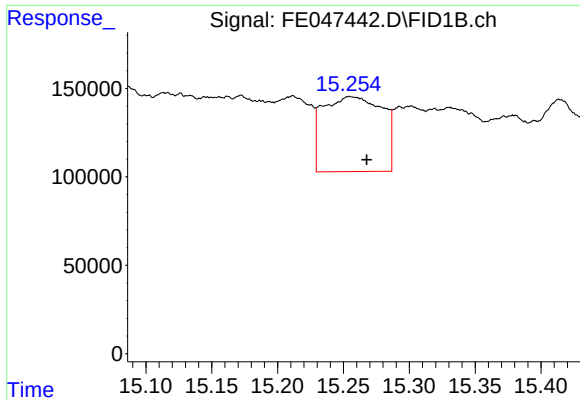
#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.008 min
Response: 12826250
Conc: 95.37 ug/ml



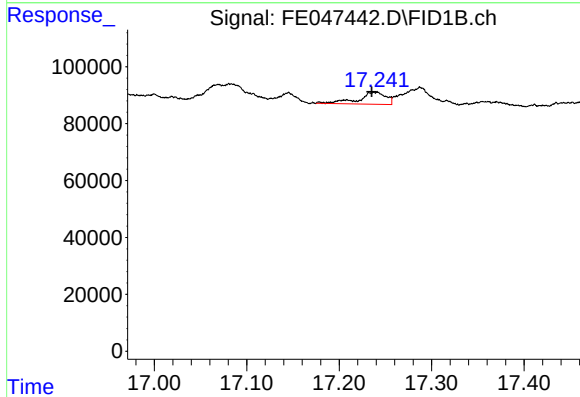
#13 n-Docosane (C22)

R.T.: 14.181 min
Delta R.T.: 0.015 min
Response: 3909866
Conc: 24.36 ug/ml



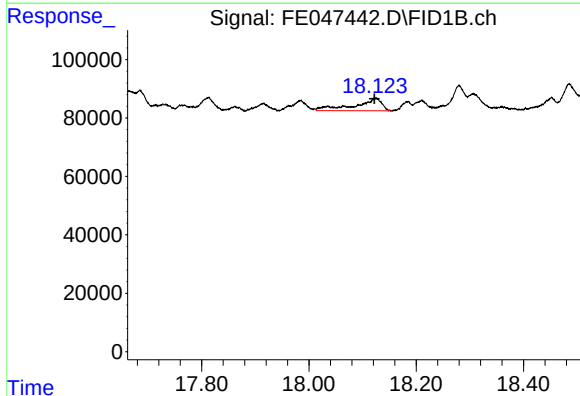
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.013 min
Response: 1329531
Conc: 8.05 ug/ml



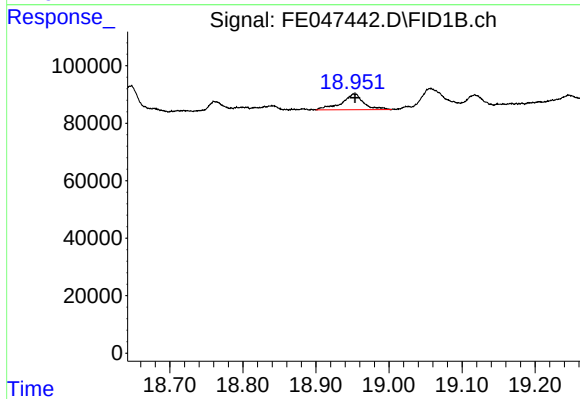
#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.004 min
Response: 87814
Conc: 0.53 ug/ml



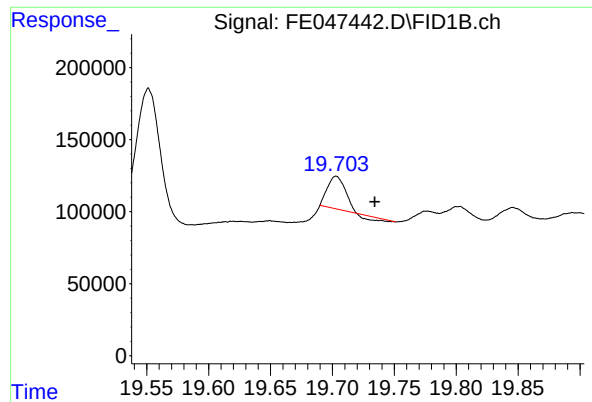
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 146318
Conc: 0.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 115165
Conc: 0.69 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.031 min
Response: 202232
Conc: 1.26 ug/ml