

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021623AL\
 Data File : FE040392.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2023 18:01
 Operator : YP\AJ
 Sample : 01572-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:53:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.870	15093055	93.247 ug/ml
Spiked Amount 50.000		Recovery =	186.49%
12) S 1-chlorooctadecane (S...	13.320	26987275	217.599 ug/ml
Spiked Amount 50.000		Recovery =	435.20%
Target Compounds			
6) T n-Tetradecane (C14)	8.531	1025230	7.439 ug/ml
7) T n-Hexadecane (C16)	10.155	17101314	119.157 ug/ml
8) T n-Octadecane (C18)	11.571	29615798	199.093 ug/ml
10) T n-Eicosane (C20)	12.873	54003049	367.322 ug/ml
11) T n-Heneicosane (C21)	13.496	17884669	121.258 ug/ml
13) T n-Docosane (C22)	14.067	16469023	111.150 ug/ml
14) T n-Tetracosane (C24)	15.196	4687166	30.877 ug/ml
16) T n-Octacosane (C28)	17.207	260582	1.739 ug/ml
18) T n-Dotriacontane (C32)	18.874	160756	1.098 ug/ml
19) T n-Tetratriacontane (C34)	19.666	44947	0.327 ug/ml
20) T n-Hexatriacontane (C36)	20.409	51418	0.388 ug/ml

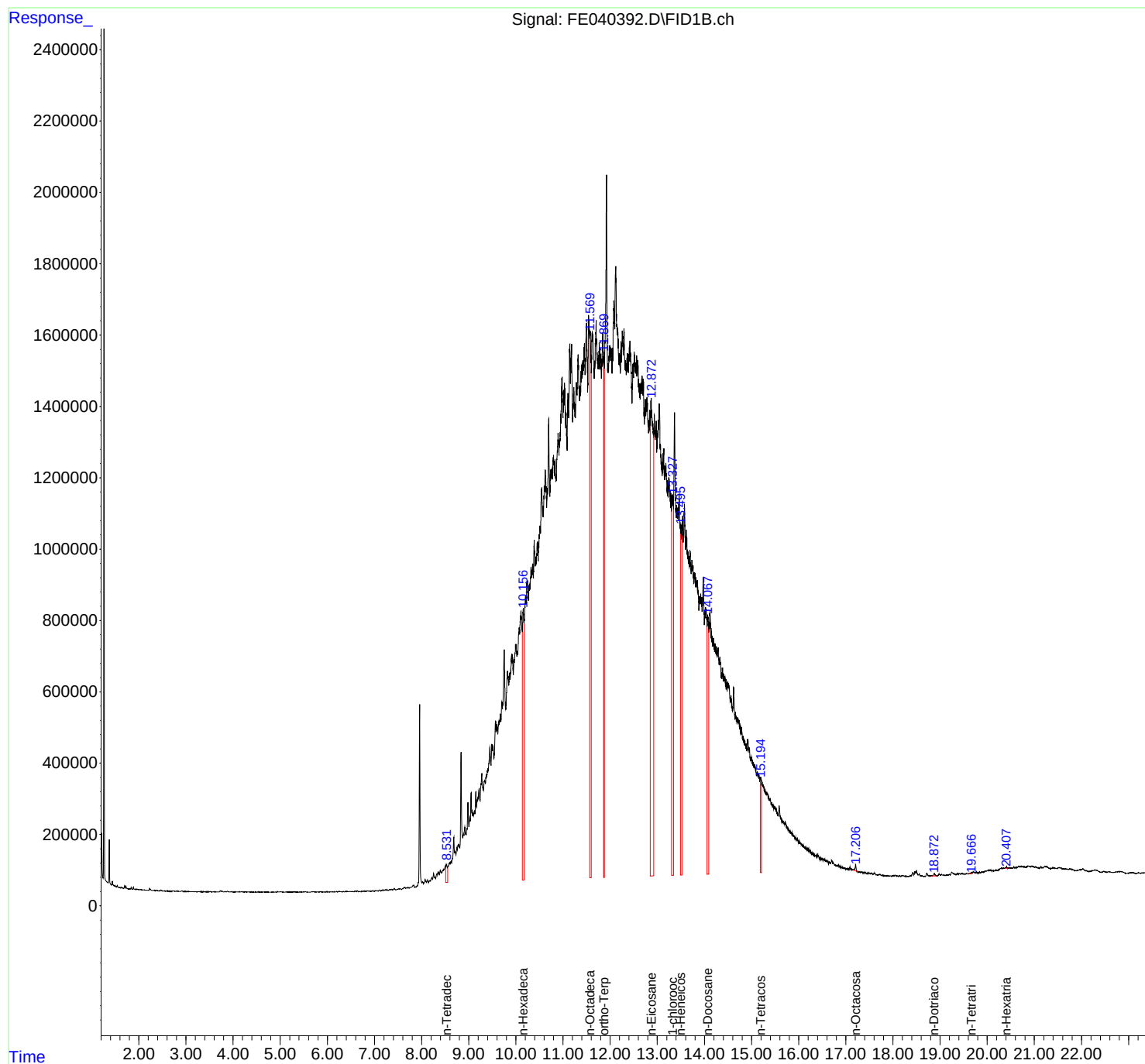
(f)=RT Delta > 1/2 Window

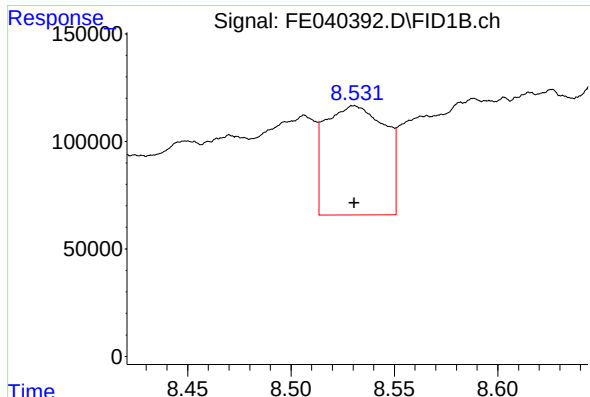
(m)=manual int.

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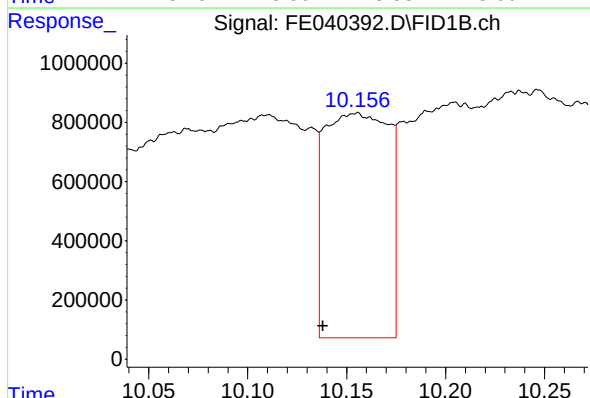
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





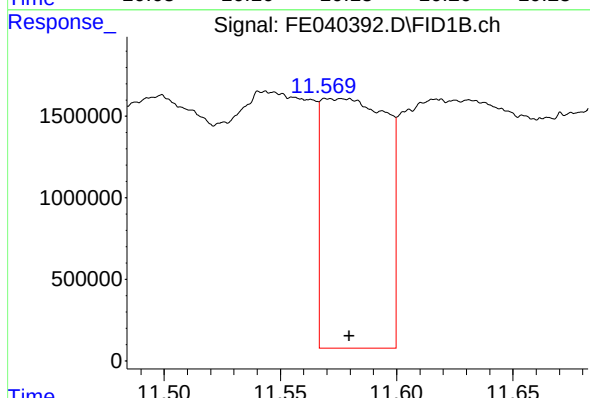
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 1025230
Conc: 7.44 ug/ml



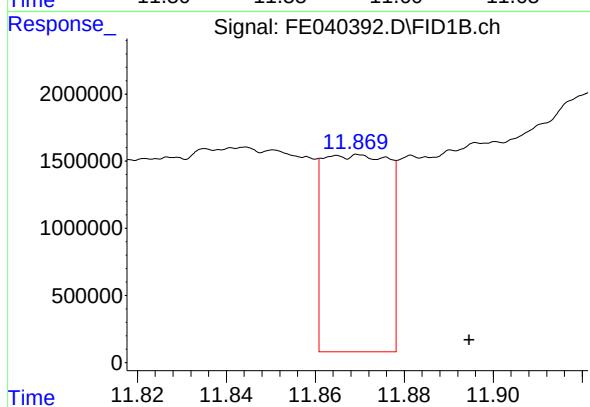
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.017 min
Response: 17101314
Conc: 119.16 ug/ml



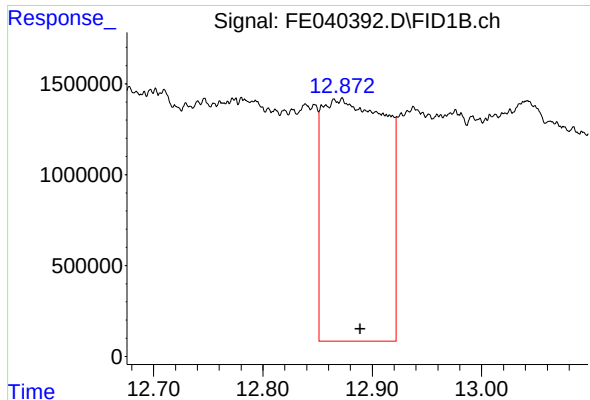
#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.009 min
Response: 29615798
Conc: 199.09 ug/ml



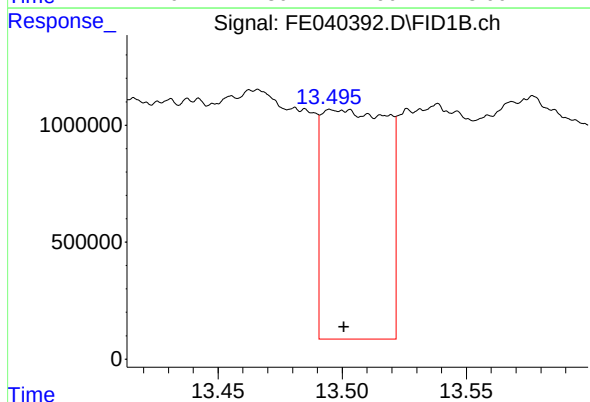
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.025 min
Response: 15093055
Conc: 93.25 ug/ml



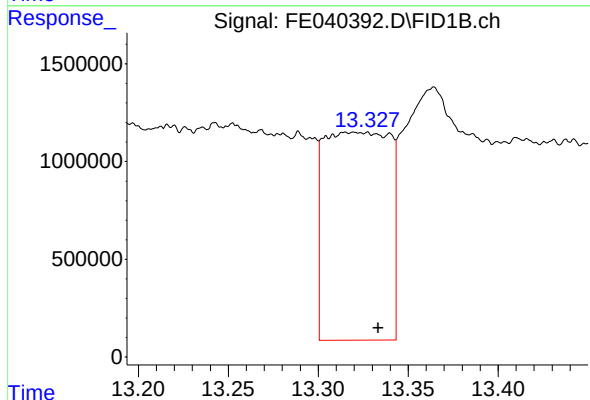
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.017 min
Response: 54003049
Conc: 367.32 ug/ml



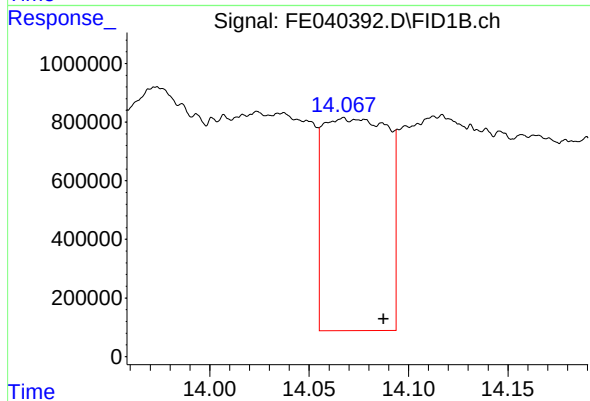
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.005 min
Response: 17884669
Conc: 121.26 ug/ml



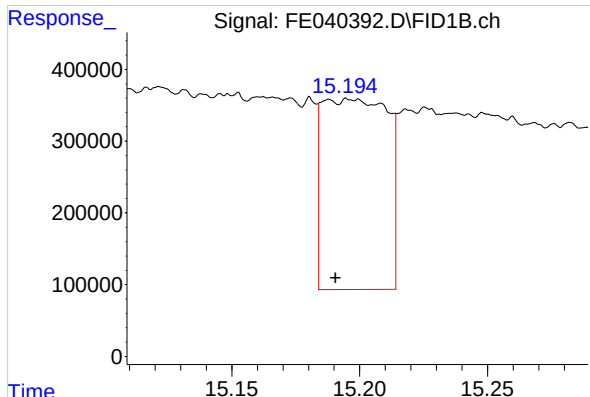
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: -0.013 min
Response: 26987275
Conc: 217.60 ug/ml



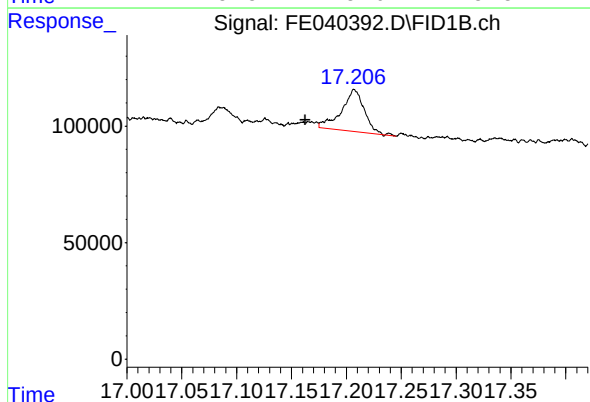
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.020 min
Response: 16469023
Conc: 111.15 ug/ml



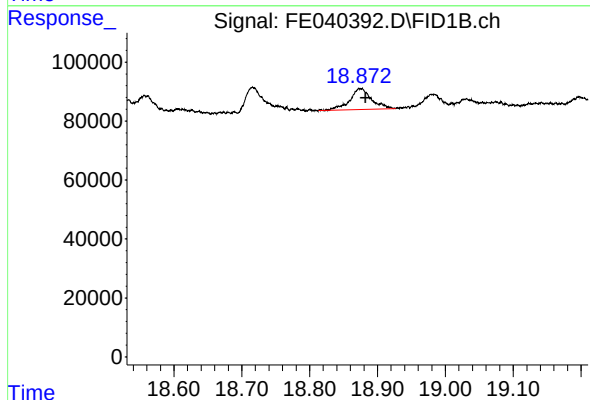
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: 0.005 min
Response: 4687166
Conc: 30.88 ug/ml



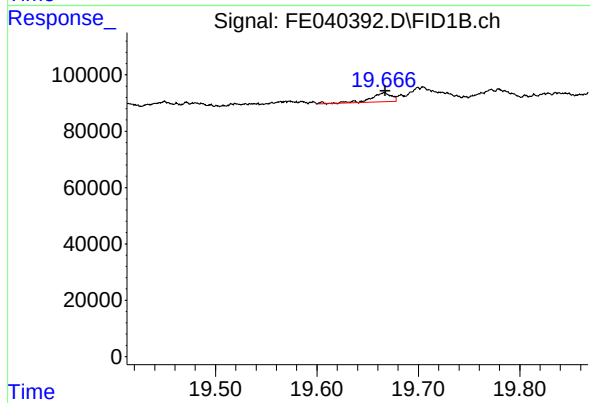
#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: 0.045 min
Response: 260582
Conc: 1.74 ug/ml



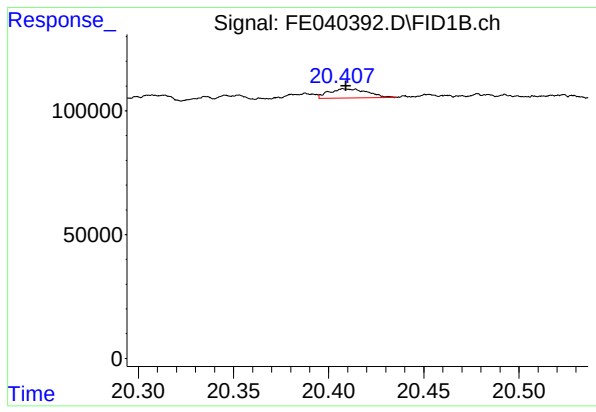
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.009 min
Response: 160756
Conc: 1.10 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.001 min
Response: 44947
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 51418
Conc: 0.39 ug/ml