

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045892.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2023 17:37
 Operator : YP\AJ
 Sample : 05883-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 23:22:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.846	7617155	36.425 ug/ml
Spiked Amount 50.000		Recovery =	72.85%
12) S 1-chlorooctadecane (S...	13.289	5755793	36.581 ug/ml
Spiked Amount 50.000		Recovery =	73.16%
Target Compounds			
7) T n-Hexadecane (C16)	10.084	35207	0.213 ug/ml
8) T n-Octadecane (C18)	11.530	38989	0.227 ug/ml
10) T n-Eicosane (C20)	12.841	47411	0.274 ug/ml
15) T n-Hexacosane (C26)	16.172	40900	0.235 ug/ml
16) T n-Octacosane (C28)	17.134	32743	0.189 ug/ml
17) T n-Tricontane (C30)	18.013	191578	1.095 ug/ml
18) T n-Dotriacontane (C32)	18.846	252715	1.385 ug/ml
19) T n-Tetratriacontane (C34)	19.638	44770	0.270 ug/ml
20) T n-Hexatriacontane (C36)	20.398	19875	0.125 ug/ml
21) T n-Octatriacontane (C38)	21.125	223548	1.426 ug/ml
22) T n-Tetracontane (C40)	22.023	57516	0.405 ug/ml

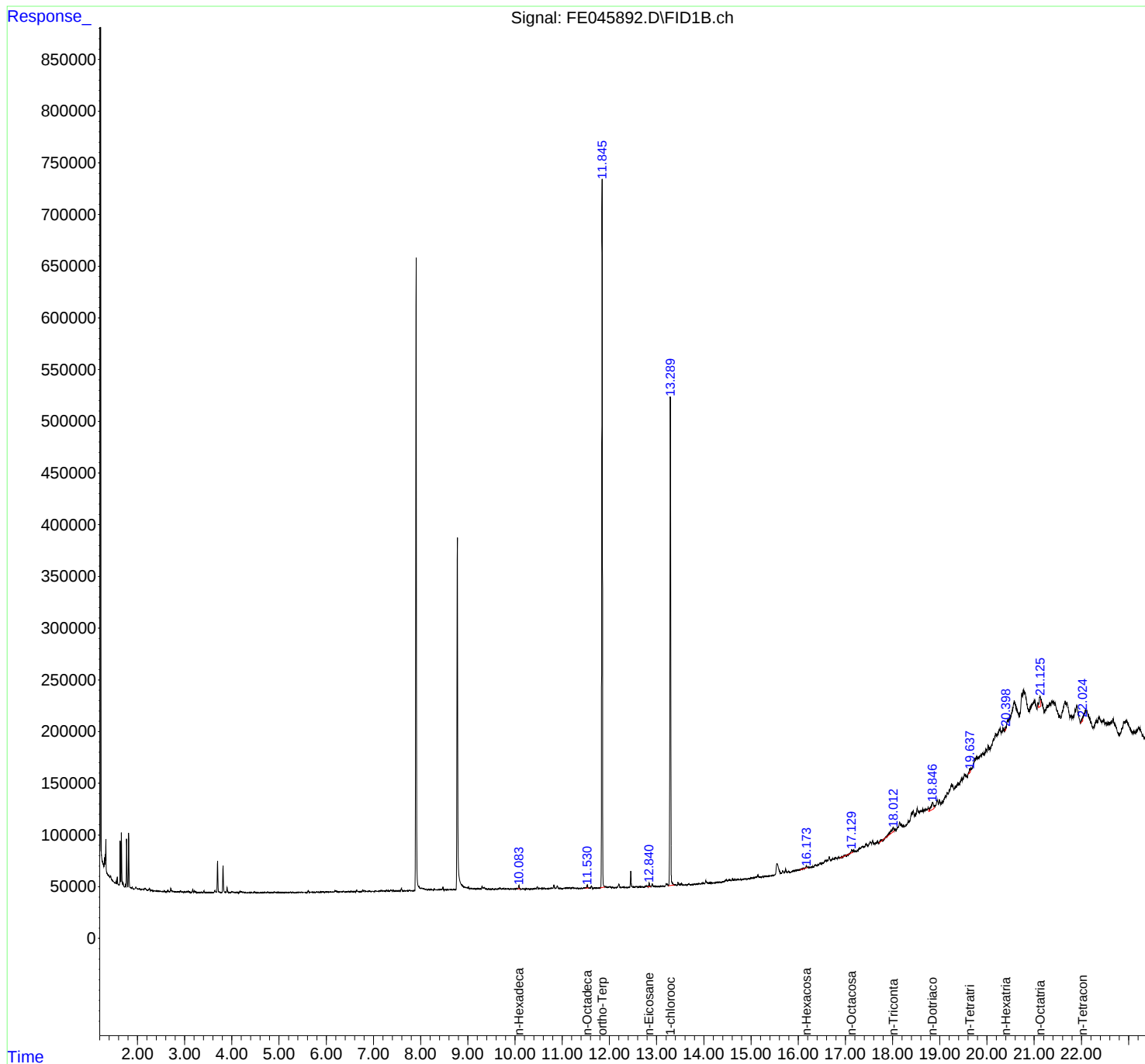
(f)=RT Delta > 1/2 Window

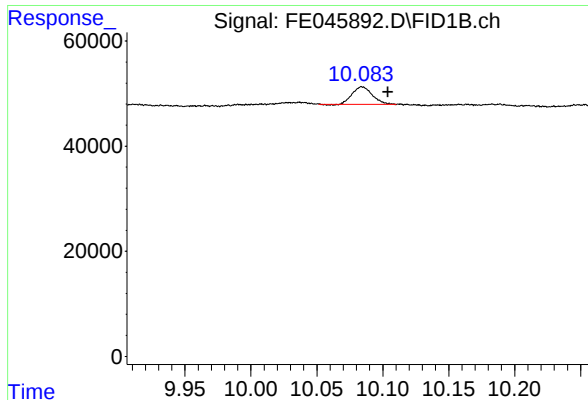
(m)=manual int.

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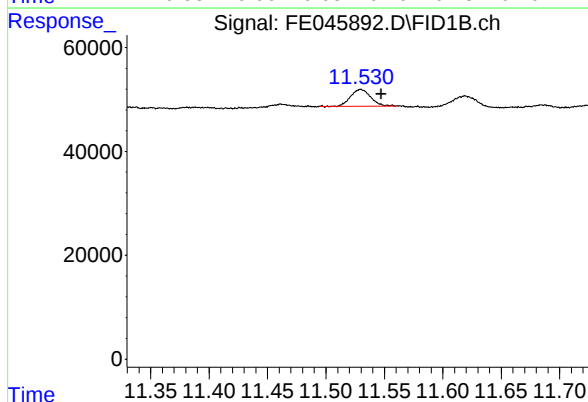
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





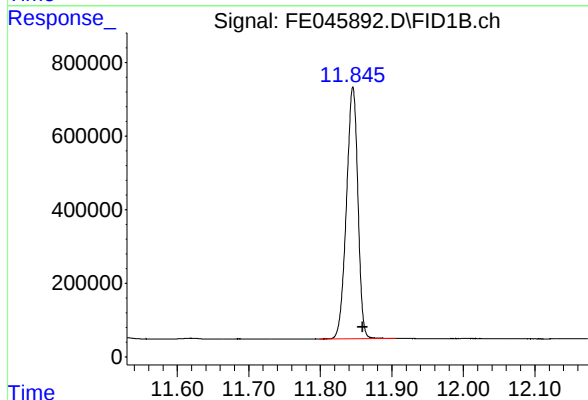
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 35207
Conc: 0.21 ug/ml



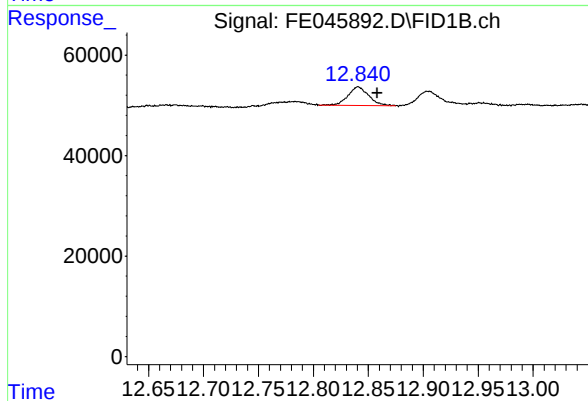
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.017 min
Response: 38989
Conc: 0.23 ug/ml



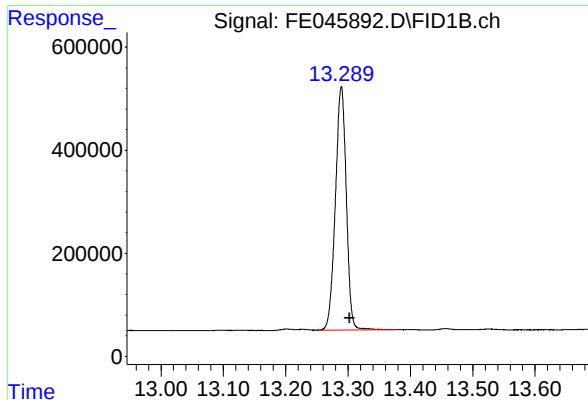
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.013 min
Response: 7617155
Conc: 36.43 ug/ml



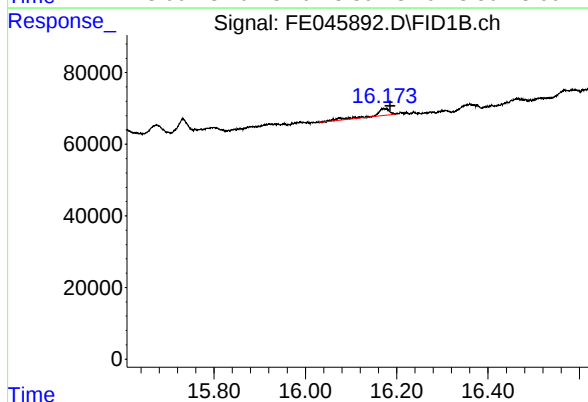
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.017 min
Response: 47411
Conc: 0.27 ug/ml



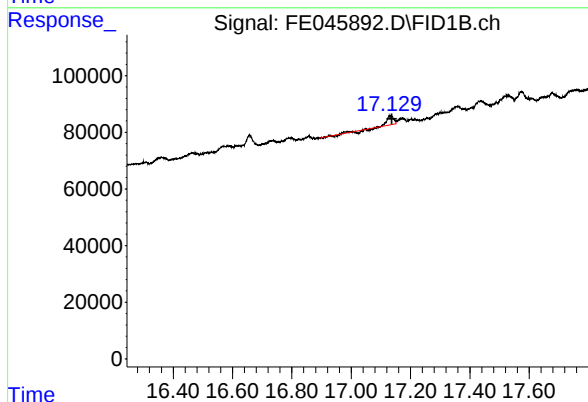
#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.014 min
Response: 5755793
Conc: 36.58 ug/ml



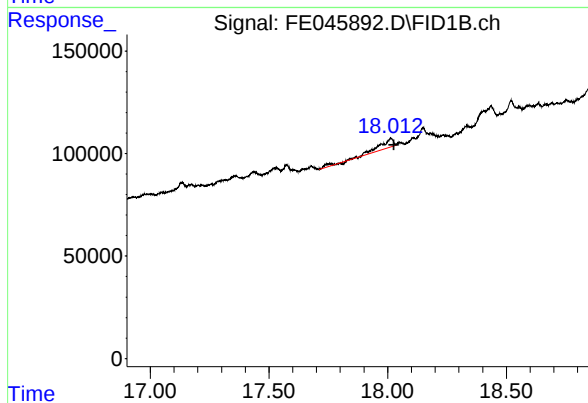
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.014 min
Response: 40900
Conc: 0.23 ug/ml



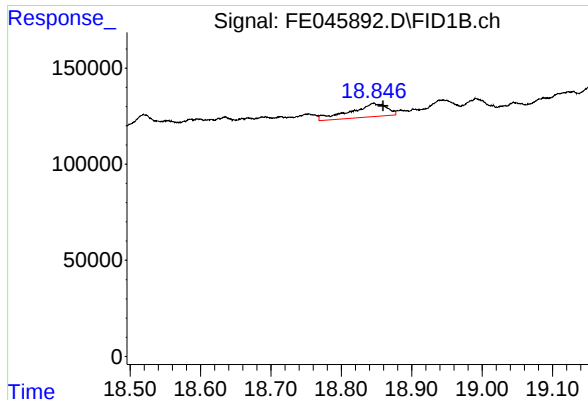
#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.004 min
Response: 32743
Conc: 0.19 ug/ml



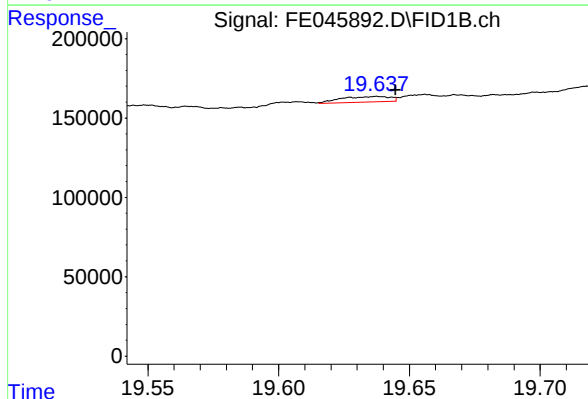
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.013 min
Response: 191578
Conc: 1.10 ug/ml



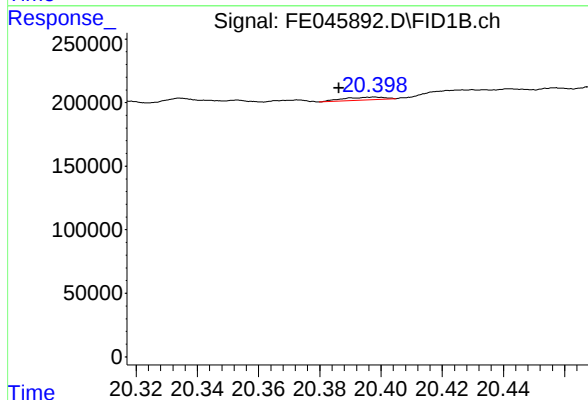
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.014 min
Response: 252715
Conc: 1.39 ug/ml



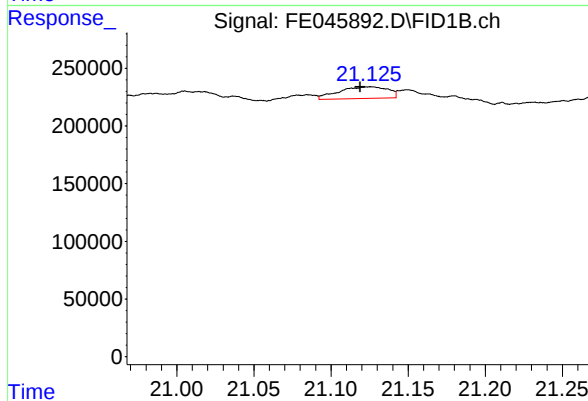
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.007 min
Response: 44770
Conc: 0.27 ug/ml



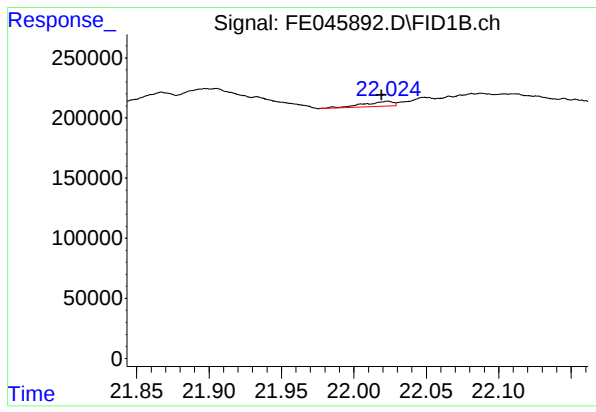
#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: 0.012 min
Response: 19875
Conc: 0.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.006 min
Response: 223548
Conc: 1.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.004 min
Response: 57516
Conc: 0.40 ug/ml