

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120523AL\
 Data File : FE045658.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2023 16:38
 Operator : YP\AJ
 Sample : 05624-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 23:26:33 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)	11.868	9078540	43.414 ug/ml
Spiked Amount 50.000		Recovery =	86.83%
12) S 1-chlorooctadecane (S...	13.311	7366951	46.820 ug/ml
Spiked Amount 50.000		Recovery =	93.64%
Target Compounds			
14) T n-Tetracosane (C24)	15.166	78794	0.451 ug/ml
15) T n-Hexacosane (C26)	16.189	75113	0.431 ug/ml
16) T n-Octacosane (C28)	17.144	37240	0.215 ug/ml
17) T n-Tricontane (C30)	18.034	245059	1.401 ug/ml
18) T n-Dotriacontane (C32)	18.863	335621	1.840 ug/ml
19) T n-Tetratriacontane (C34)	19.664	62886	0.379 ug/ml
20) T n-Hexatriacontane (C36)	20.369	19591	0.123 ug/ml
21) T n-Octatriacontane (C38)	21.177f	74053	0.472 ug/ml
22) T n-Tetracontane (C40)	22.005	858906	6.044 ug/ml

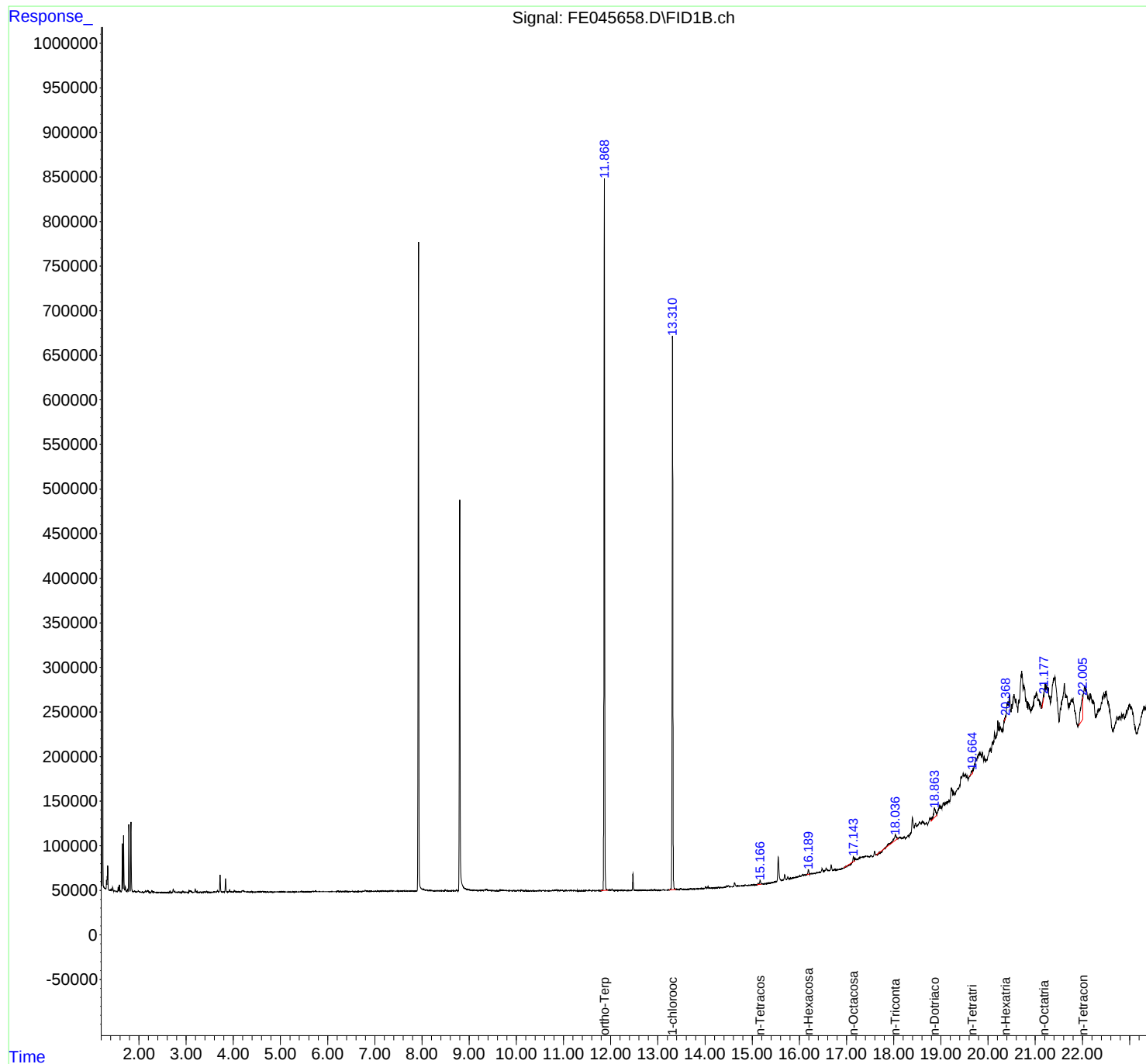
(f)=RT Delta > 1/2 Window

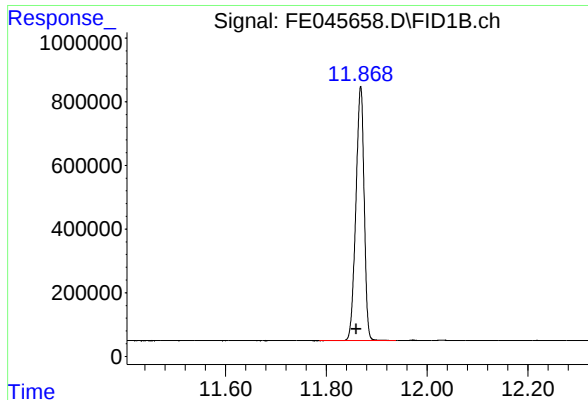
(m)=manual int.

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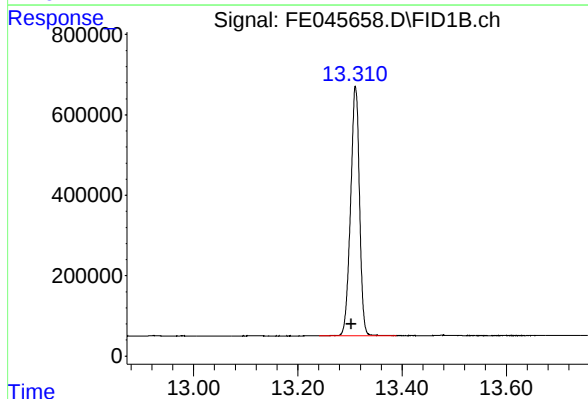
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





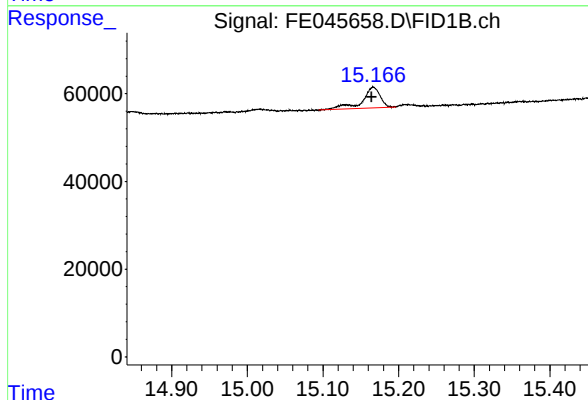
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: 0.009 min
Response: 9078540
Conc: 43.41 ug/ml



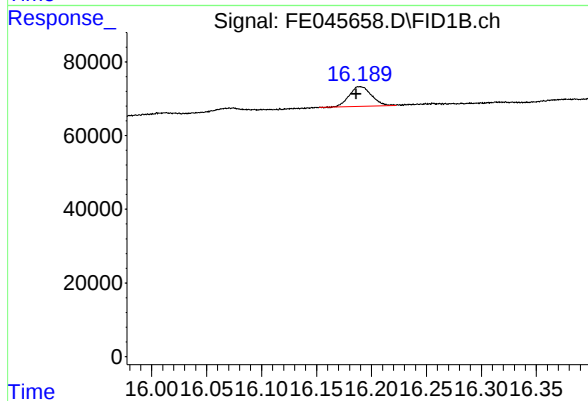
#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.008 min
Response: 7366951
Conc: 46.82 ug/ml



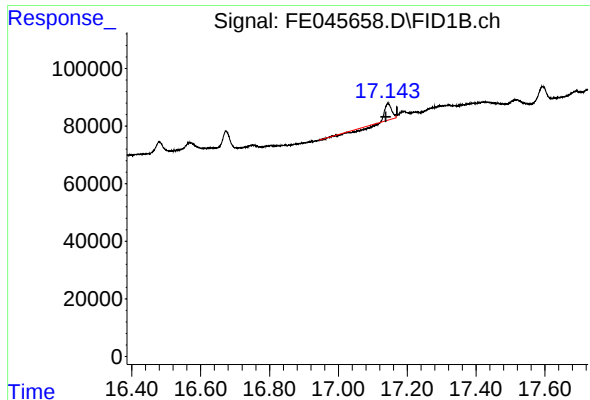
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.002 min
Response: 78794
Conc: 0.45 ug/ml



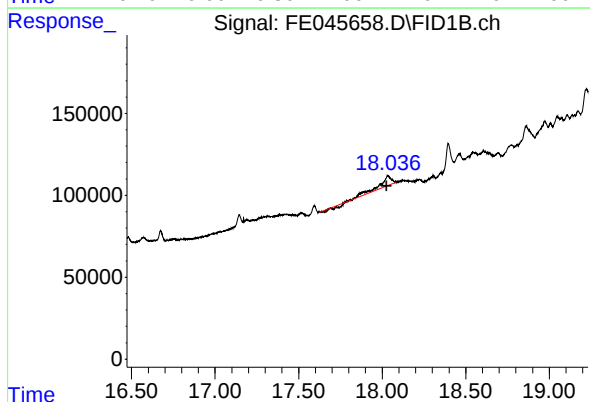
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.003 min
Response: 75113
Conc: 0.43 ug/ml



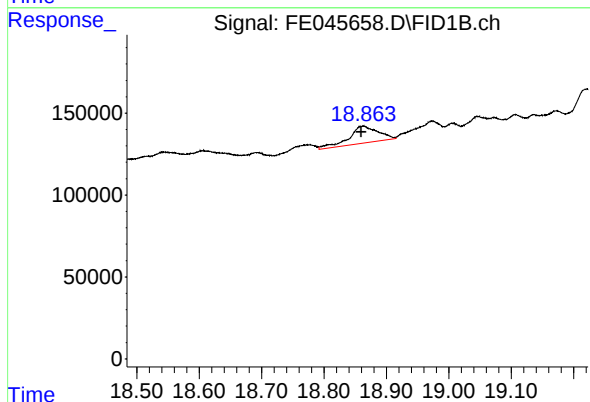
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.006 min
Response: 37240
Conc: 0.22 ug/ml



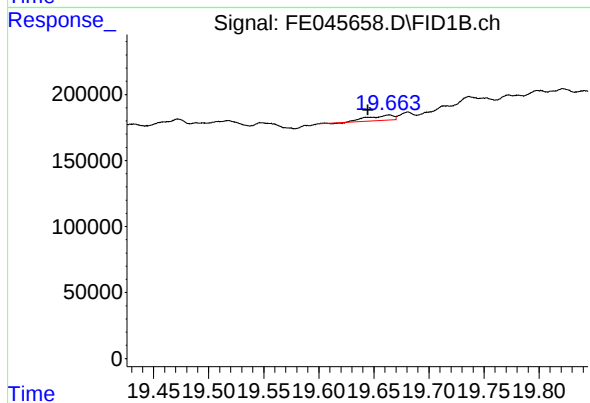
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: 0.008 min
Response: 245059
Conc: 1.40 ug/ml



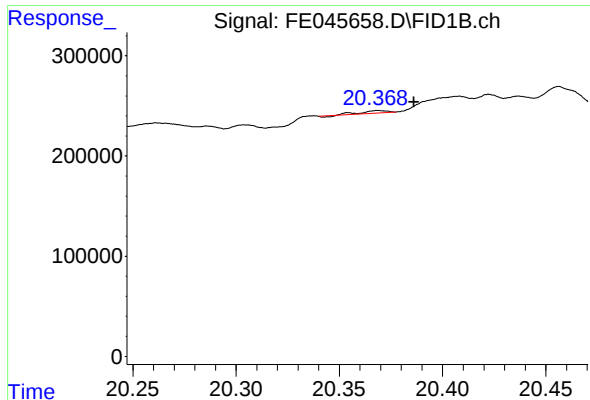
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 335621
Conc: 1.84 ug/ml



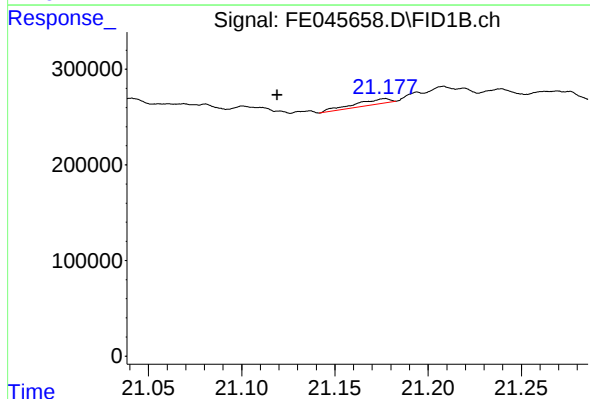
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: 0.019 min
Response: 62886
Conc: 0.38 ug/ml



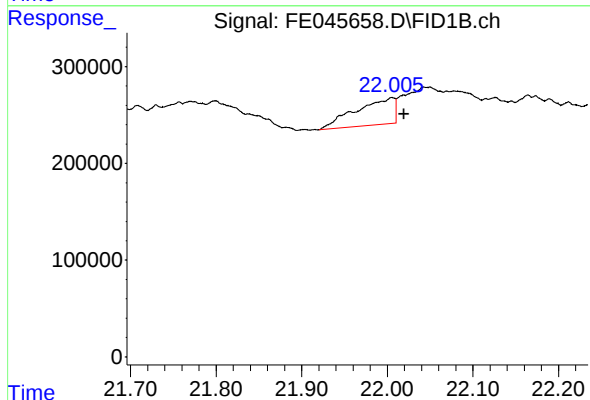
#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.017 min
Response: 19591
Conc: 0.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.058 min
Response: 74053
Conc: 0.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.014 min
Response: 858906
Conc: 6.04 ug/ml