

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021723AL\
 Data File : FE040409.D
 Signal(s) : FID1B.ch
 Acq On : 17 Feb 2023 15:24
 Operator : YP\AJ
 Sample : 01581-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 22:11:43 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)	11.891	4044130	24.985 ug/ml
Spiked Amount 50.000		Recovery =	49.97%
12) S 1-chlorooctadecane (S...	13.330	3152608	25.420 ug/ml
Spiked Amount 50.000		Recovery =	50.84%
Target Compounds			
10) T n-Eicosane (C20)	12.954f	112751	0.767 ug/ml
14) T n-Tetracosane (C24)	15.182	328559	2.164 ug/ml
15) T n-Hexacosane (C26)	16.207	47805	0.322 ug/ml
16) T n-Octacosane (C28)	17.159	52599	0.351 ug/ml
17) T n-Tricontane (C30)	18.048	61273	0.415 ug/ml
18) T n-Dotriacontane (C32)	18.880	83713	0.572 ug/ml
20) T n-Hexatriacontane (C36)	20.412	149626	1.128 ug/ml
21) T n-Octatriacontane (C38)	21.139	55997	0.432 ug/ml
22) T n-Tetracontane (C40)	22.035	87871	0.662 ug/ml

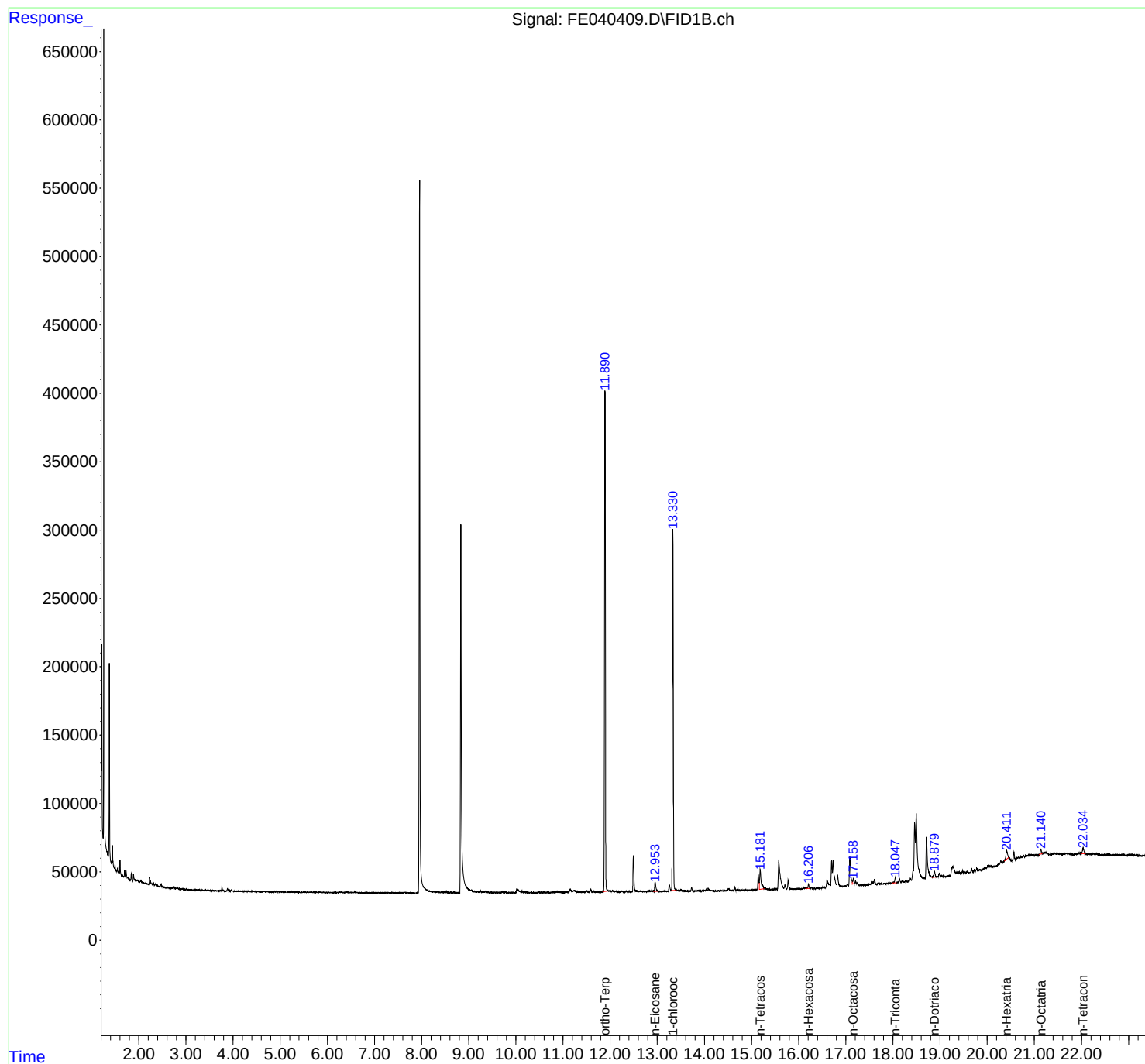
(f)=RT Delta > 1/2 Window

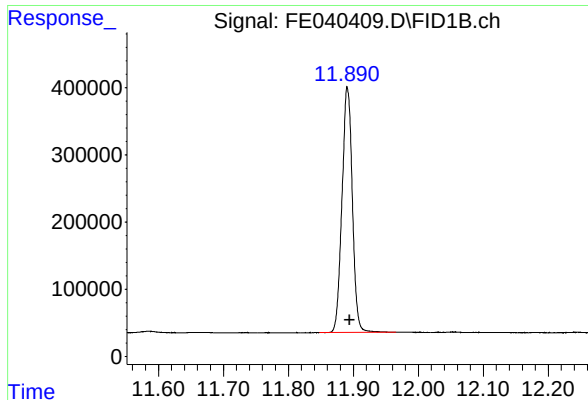
(m)=manual int.

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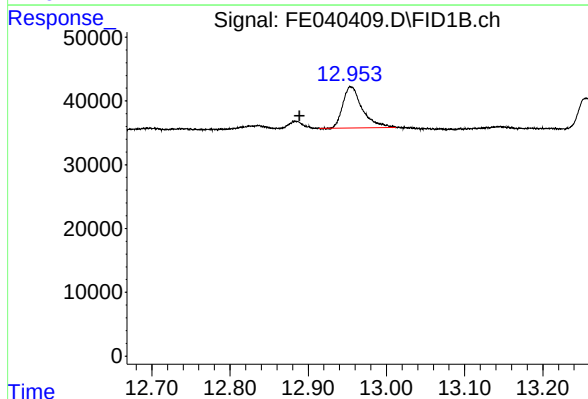
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Signal Info : 20M x 0.18mm x 0.18um





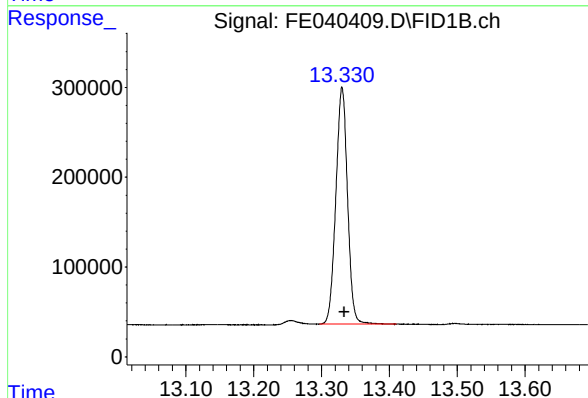
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 4044130
Conc: 24.99 ug/ml



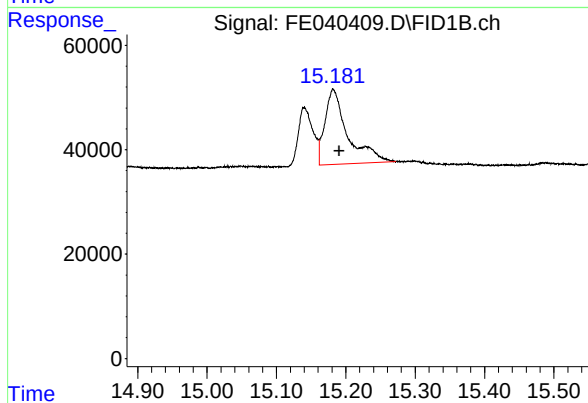
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: 0.065 min
Response: 112751
Conc: 0.77 ug/ml



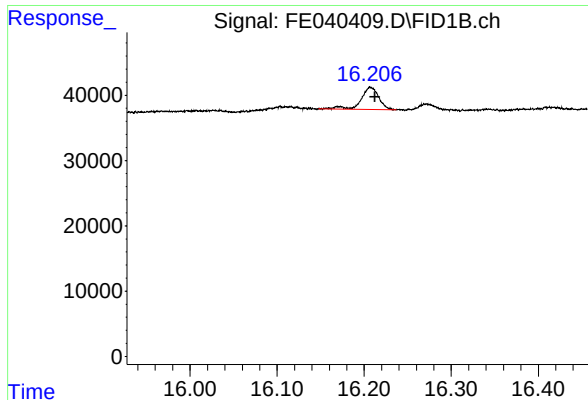
#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
Delta R.T.: -0.003 min
Response: 3152608
Conc: 25.42 ug/ml



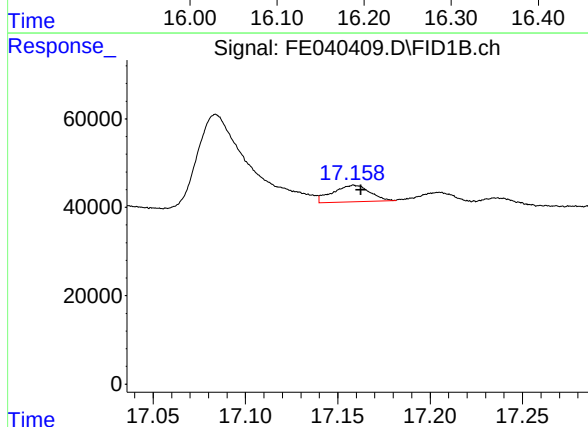
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.009 min
Response: 328559
Conc: 2.16 ug/ml



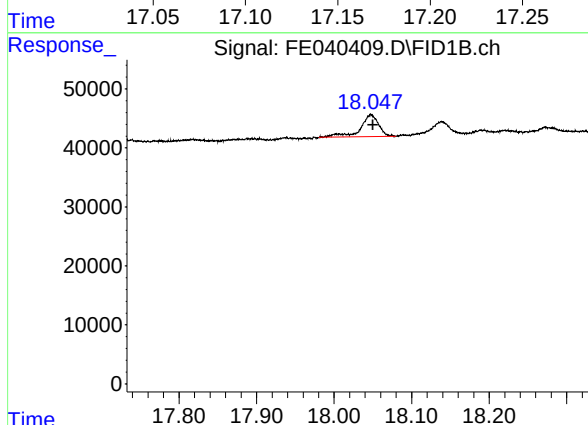
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.005 min
Response: 47805
Conc: 0.32 ug/ml



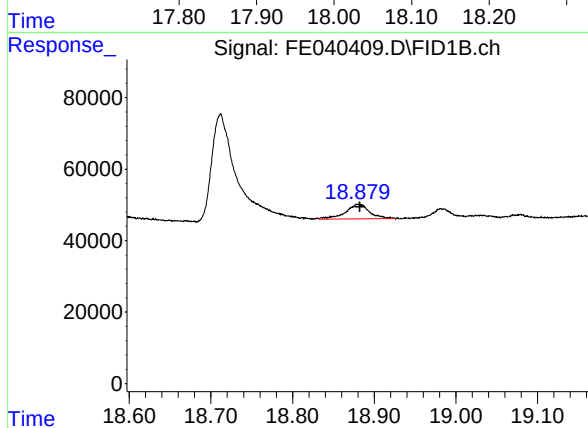
#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.004 min
Response: 52599
Conc: 0.35 ug/ml



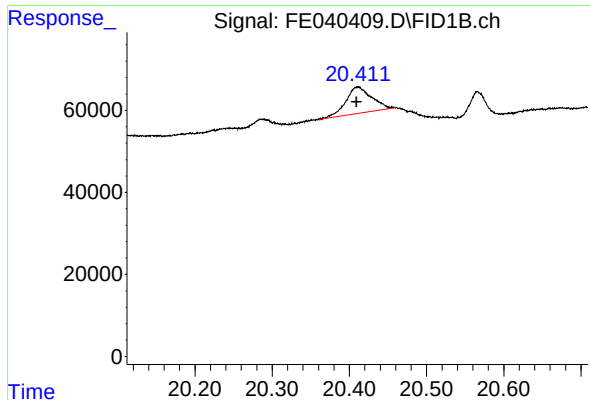
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 61273
Conc: 0.42 ug/ml



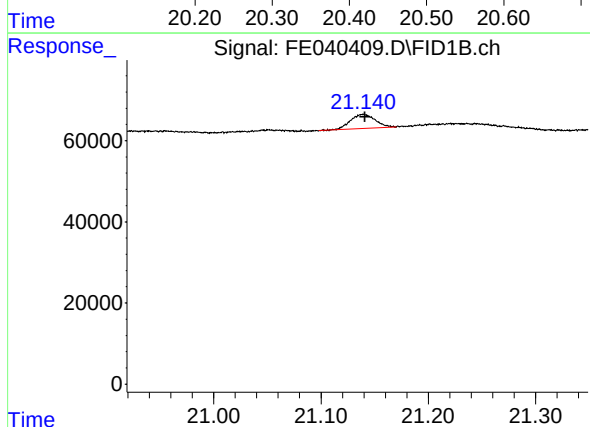
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.003 min
Response: 83713
Conc: 0.57 ug/ml



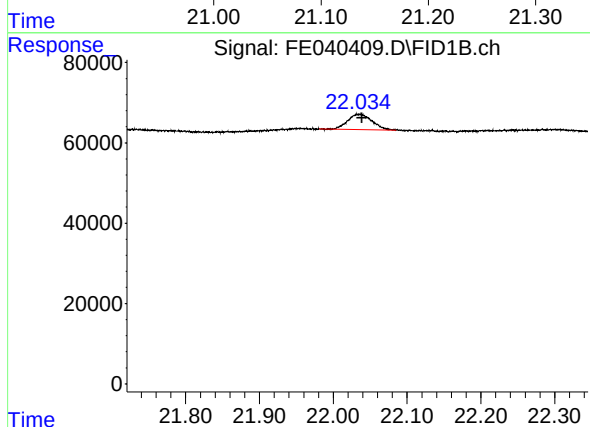
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.002 min
Response: 149626
Conc: 1.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.001 min
Response: 55997
Conc: 0.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.004 min
Response: 87871
Conc: 0.66 ug/ml