

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044904.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 18:58
 Operator : YP\AJ
 Sample : 04908-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 01:24:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.906	6588956	32.868 ug/ml
Spiked Amount 50.000		Recovery =	65.74%
12) S 1-chlorooctadecane (S...	13.347	5054043	34.152 ug/ml
Spiked Amount 50.000		Recovery =	68.30%
Target Compounds			
6) T n-Tetradecane (C14)	8.498	396063	2.310 ug/ml
17) T n-Tricontane (C30)	18.065	76686	0.516 ug/ml
18) T n-Dotriacontane (C32)	18.898	79052	0.527 ug/ml
19) T n-Tetratriacontane (C34)	19.693	54838	0.368 ug/ml
20) T n-Hexatriacontane (C36)	20.500f	262641	1.708 ug/ml
21) T n-Octatriacontane (C38)	21.129f	1014139	6.492 ug/ml
22) T n-Tetracontane (C40)	22.123	332472	1.989 ug/ml

(f)=RT Delta > 1/2 Window

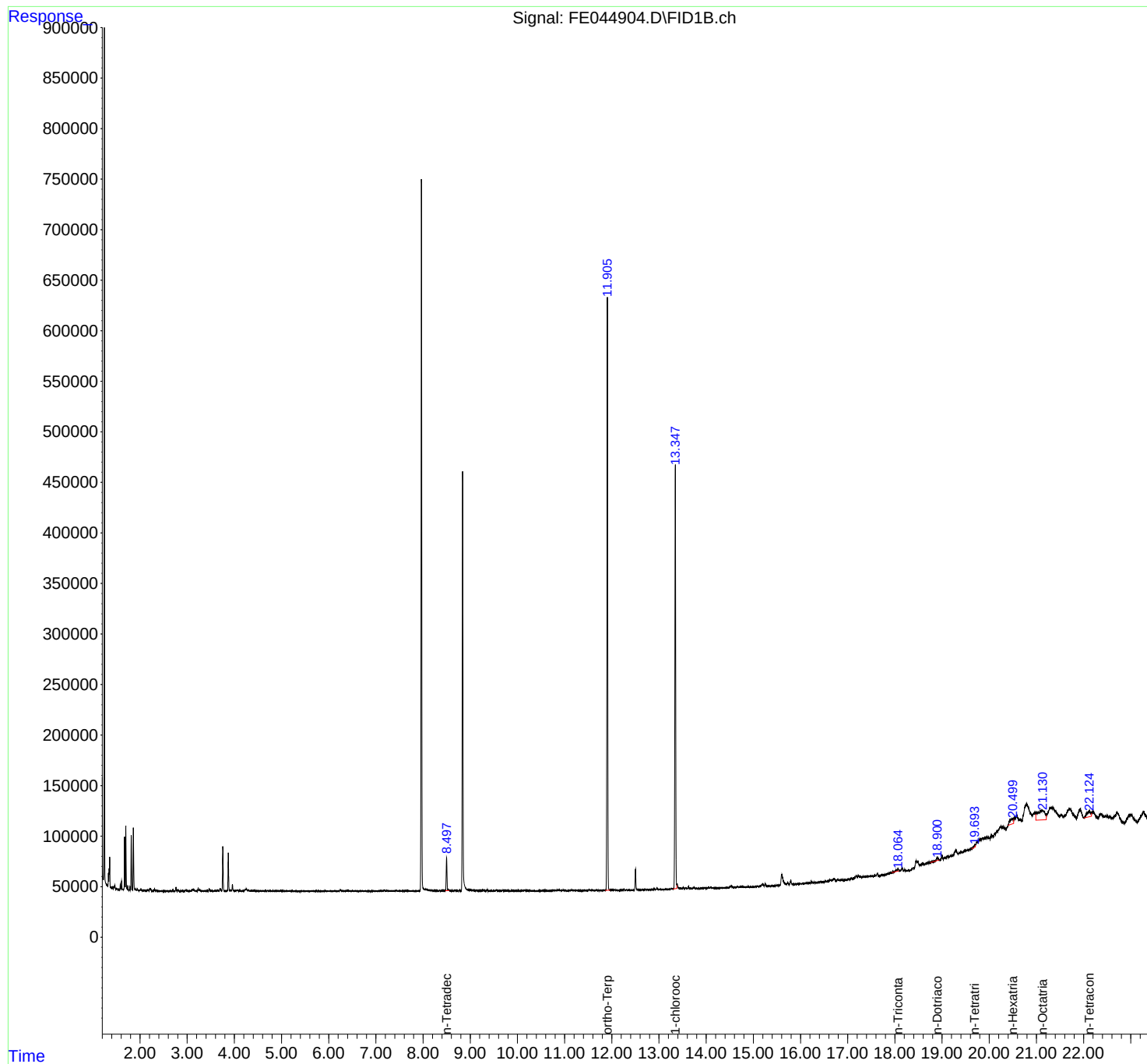
(m)=manual int.

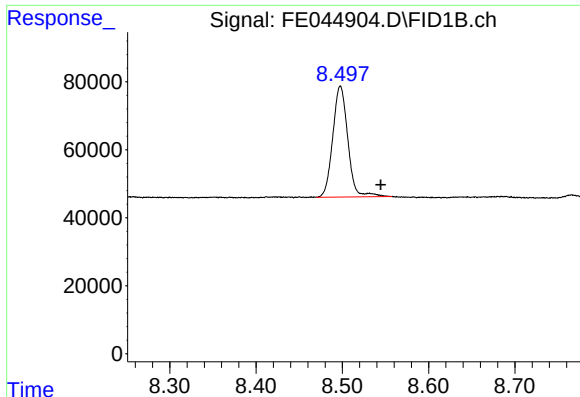
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

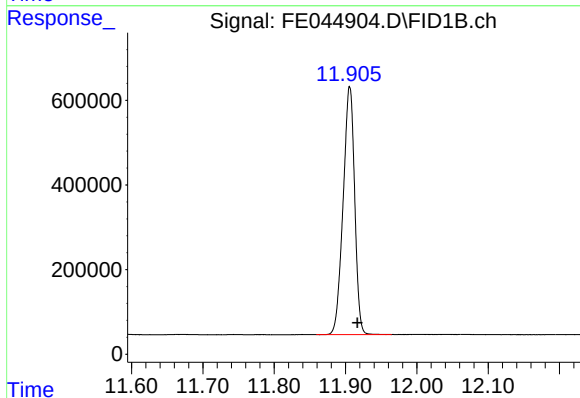




#6 n-Tetradecane (C14)

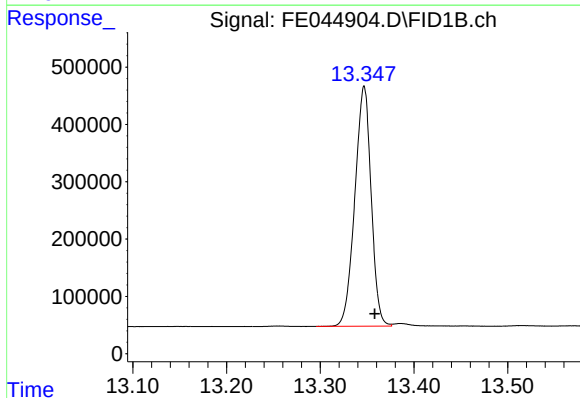
R.T.: 8.498 min
Delta R.T.: -0.047 min
Response: 396063
Conc: 2.31 ug/ml

Instrument :
FID_E
ClientSampleId :



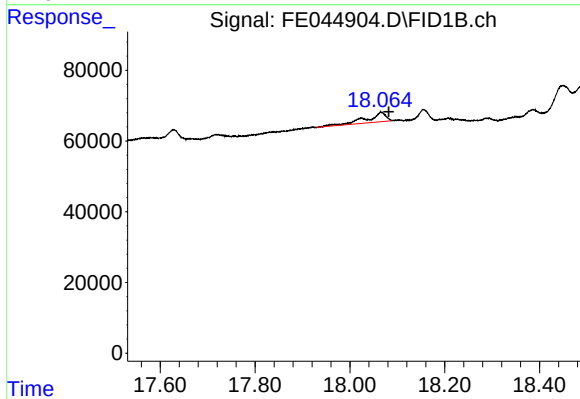
#9 ortho-Terphenyl (SURRE)

R.T.: 11.906 min
Delta R.T.: -0.011 min
Response: 6588956
Conc: 32.87 ug/ml



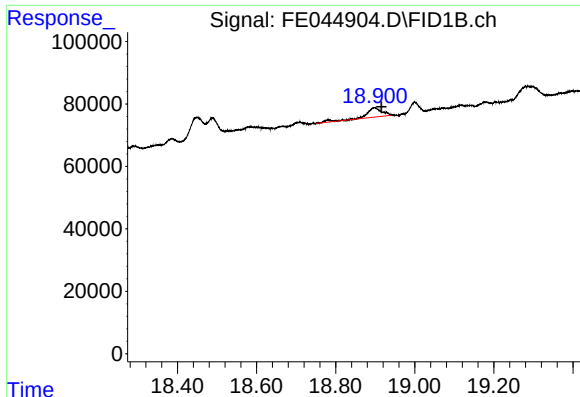
#12 1-chlorooctadecane (SURRE)

R.T.: 13.347 min
Delta R.T.: -0.011 min
Response: 5054043
Conc: 34.15 ug/ml



#17 n-Tricontane (C30)

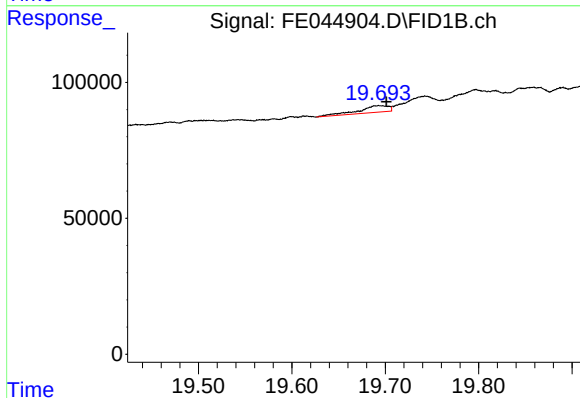
R.T.: 18.065 min
Delta R.T.: -0.017 min
Response: 76686
Conc: 0.52 ug/ml



#18 n-Dotriacontane (C32)

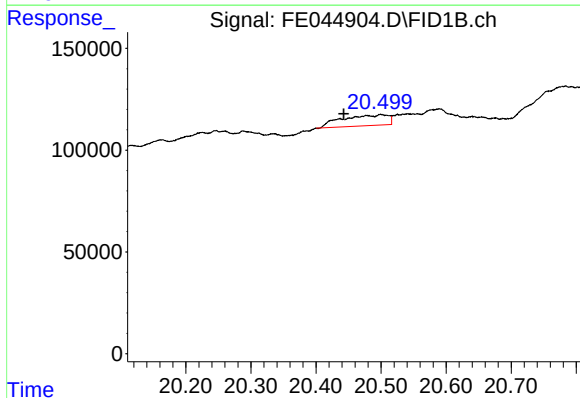
R.T.: 18.898 min
Delta R.T.: -0.018 min
Response: 79052
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



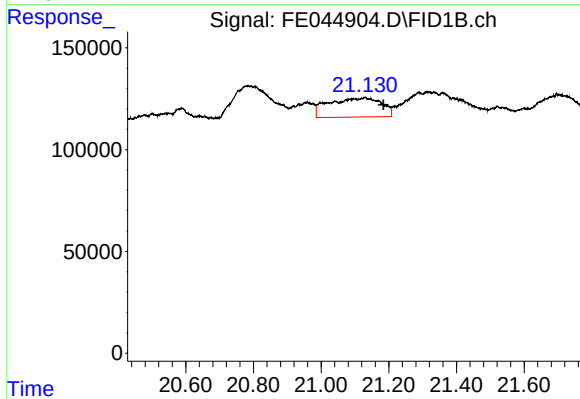
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.008 min
Response: 54838
Conc: 0.37 ug/ml



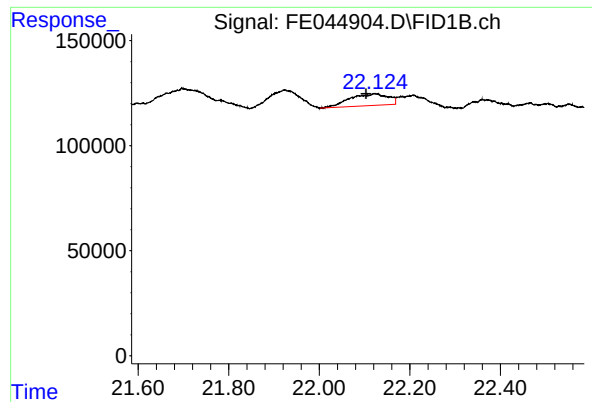
#20 n-Hexatriacontane (C36)

R.T.: 20.500 min
Delta R.T.: 0.057 min
Response: 262641
Conc: 1.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.055 min
Response: 1014139
Conc: 6.49 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.123 min
Delta R.T.: 0.020 min
Response: 332472
Conc: 1.99 ug/ml

Instrument :

FID_E

ClientSampleId :