

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052452.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 21:45
 Operator : YP\AJ
 Sample : Q1399-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 22:35:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.914	4524468	24.204 ug/ml
Spiked Amount 50.000		Recovery =	48.41%
12) S 1-chlorooctadecane (S...	13.359	3530496	25.400 ug/ml
Spiked Amount 50.000		Recovery =	50.80%
Target Compounds			
6) T n-Tetradecane (C14)	8.534	139080	0.883 ug/ml
7) T n-Hexadecane (C16)	10.148	122019	0.747 ug/ml
8) T n-Octadecane (C18)	11.596	96841	0.585 ug/ml
10) T n-Eicosane (C20)	12.965	251877	1.580 ug/ml
14) T n-Tetracosane (C24)	15.189	148687	0.945 ug/ml
17) T n-Tricontane (C30)	18.086	126830	0.813 ug/ml

(f)=RT Delta > 1/2 Window

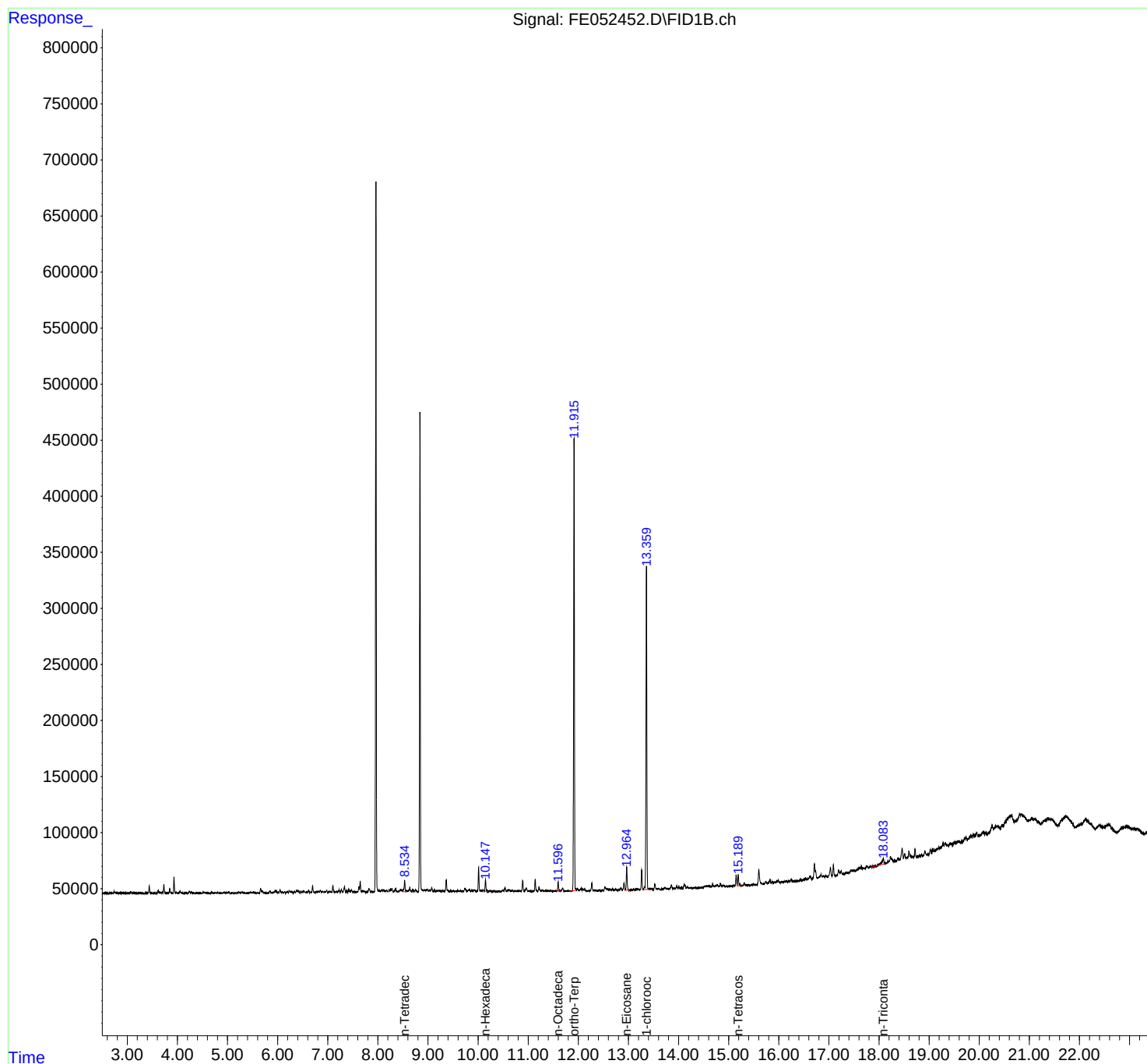
(m)=manual int.

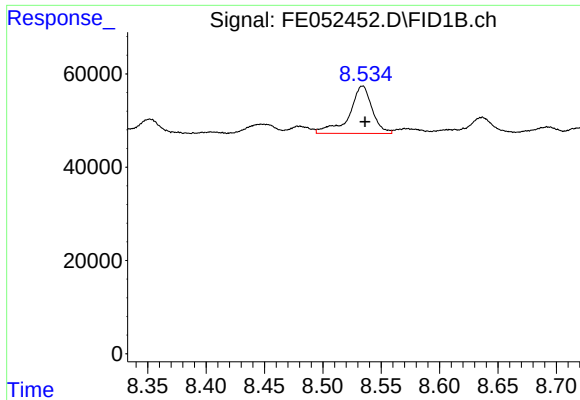
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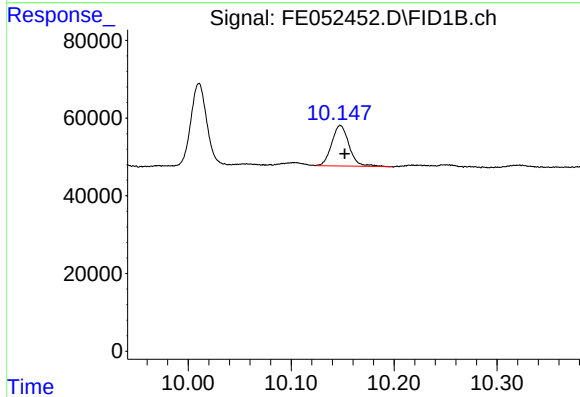




#6 n-Tetradecane (C14)

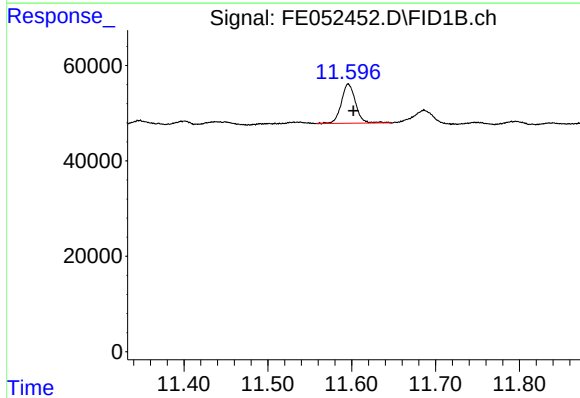
R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 139080
Conc: 0.88 ug/ml

Instrument :
FID_E
ClientSampleId :



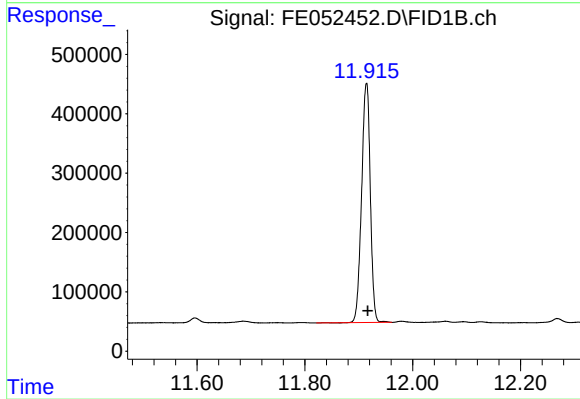
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.004 min
Response: 122019
Conc: 0.75 ug/ml



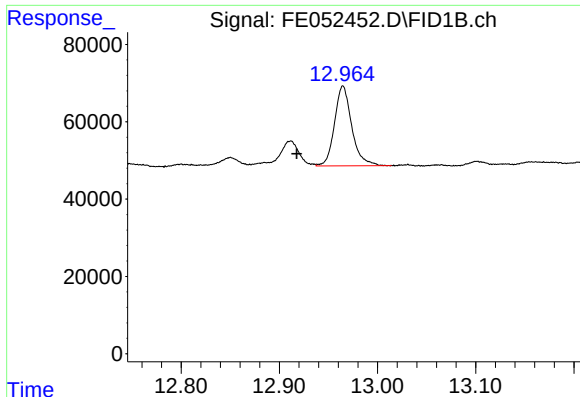
#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: -0.006 min
Response: 96841
Conc: 0.59 ug/ml



#9 ortho-Terphenyl (SURR)

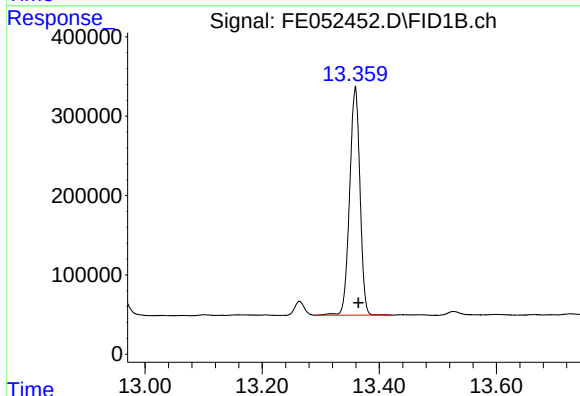
R.T.: 11.914 min
Delta R.T.: -0.002 min
Response: 4524468
Conc: 24.20 ug/ml



#10 n-Eicosane (C20)

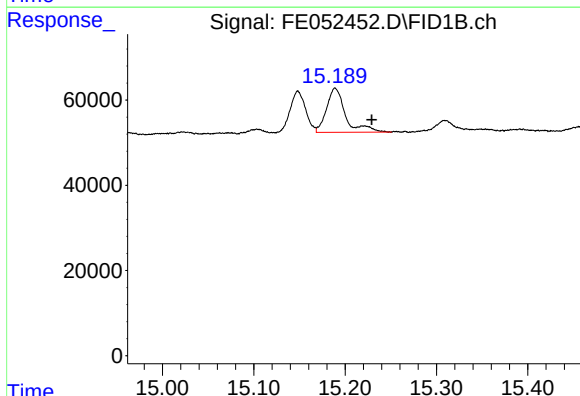
R.T.: 12.965 min
Delta R.T.: 0.047 min
Response: 251877
Conc: 1.58 ug/ml

Instrument :
FID_E
ClientSampleId :



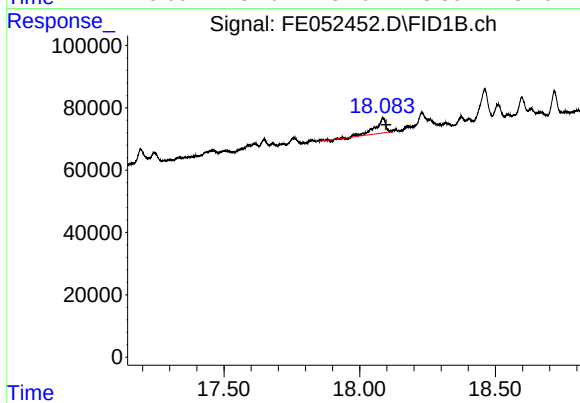
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.005 min
Response: 3530496
Conc: 25.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.040 min
Response: 148687
Conc: 0.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.012 min
Response: 126830
Conc: 0.81 ug/ml