

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052844.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 17:43
 Operator : YP\AJ
 Sample : Q1592-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 19 02:36:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.908	5181579	30.735 ug/ml
Spiked Amount 50.000		Recovery =	61.47%
12) S 1-chlorooctadecane (S...	13.358	4292460	35.350 ug/ml
Spiked Amount 50.000		Recovery =	70.70%
Target Compounds			
8) T n-Octadecane (C18)	11.589	176687	1.161 ug/ml
10) T n-Eicosane (C20)	12.909	508298	3.501 ug/ml
11) T n-Heneicosane (C21)	13.557	1431903	10.061 ug/ml
13) T n-Docosane (C22)	14.112	2586505	18.175 ug/ml
14) T n-Tetracosane (C24)	15.210	6396988	44.700 ug/ml
15) T n-Hexacosane (C26)	16.241	10301096	72.444 ug/ml
16) T n-Octacosane (C28)	17.223	17889825	125.812 ug/ml
17) T n-Tricontane (C30)	18.060	20177703	136.612 ug/ml
18) T n-Dotriacontane (C32)	18.947	8528732	58.746 ug/ml
20) T n-Hexatriacontane (C36)	20.423	781908	6.580 ug/ml
22) T n-Tetracontane (C40)	22.130	79072	0.731 ug/ml

(f)=RT Delta > 1/2 Window

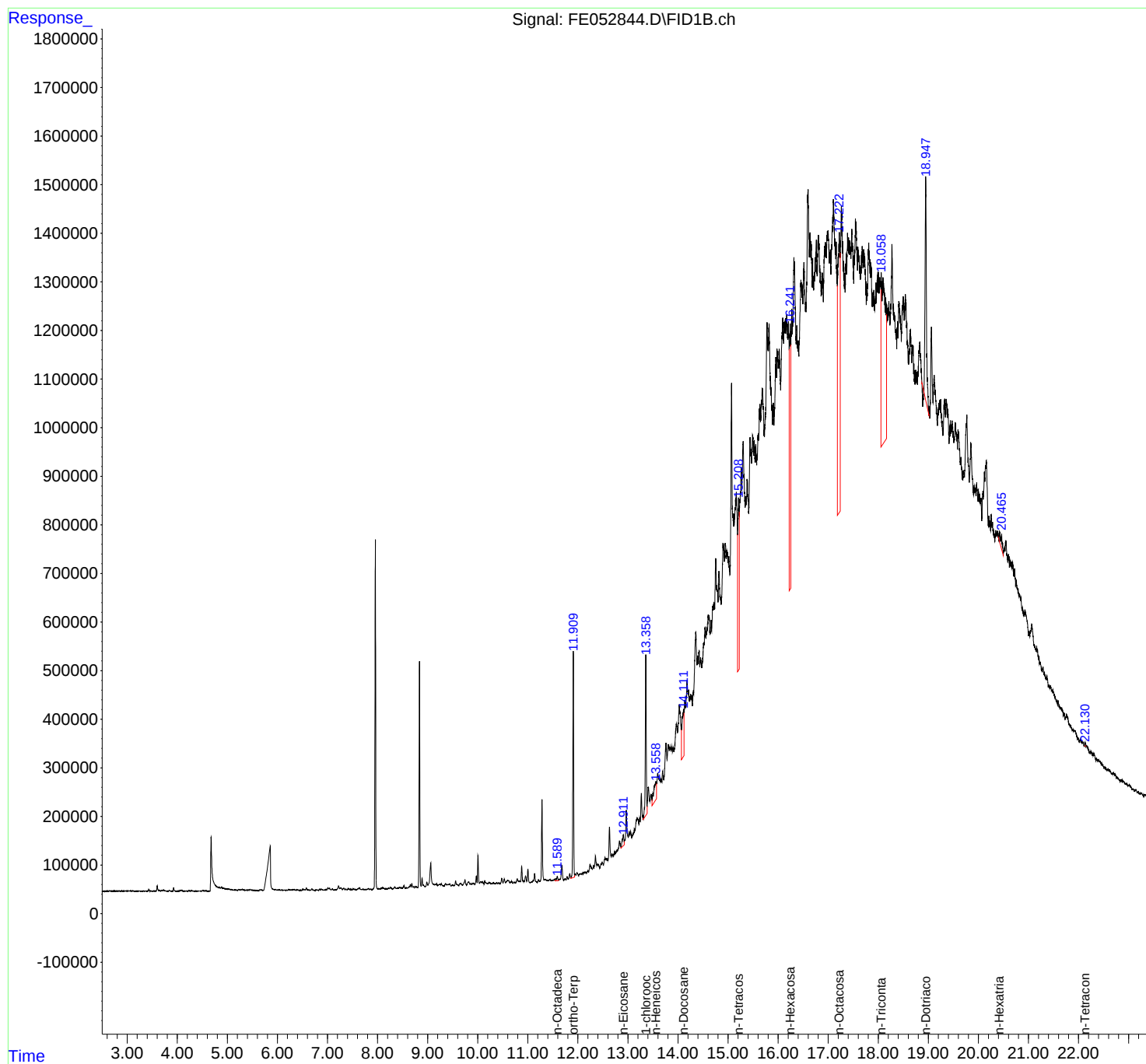
(m)=manual int.

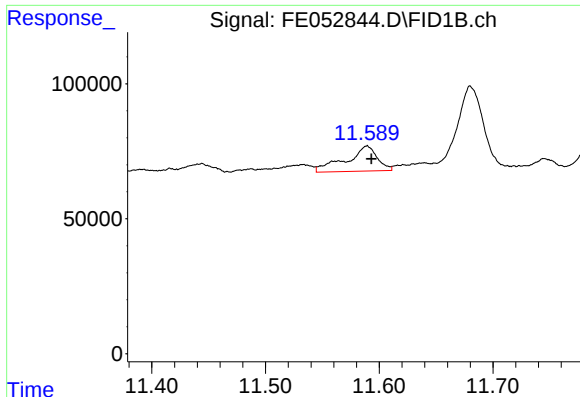
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Signal Info : 20M x 0.18mm x 0.18um

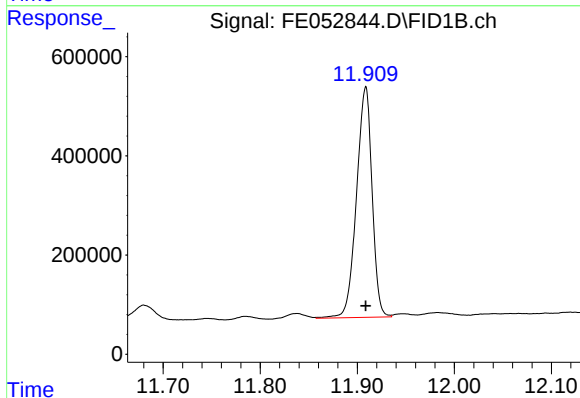




#8 n-Octadecane (C18)

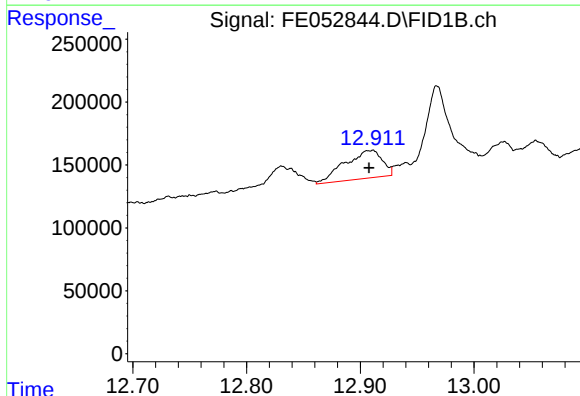
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 176687
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :



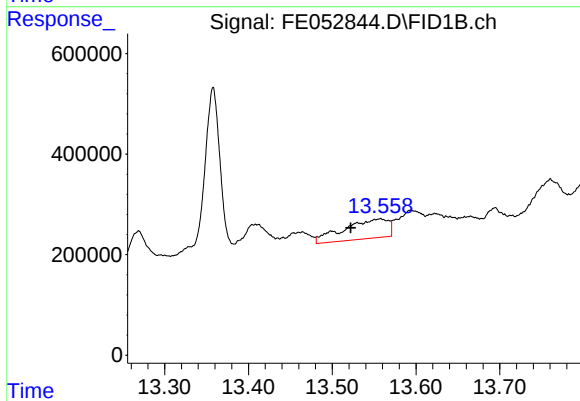
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 5181579
Conc: 30.74 ug/ml



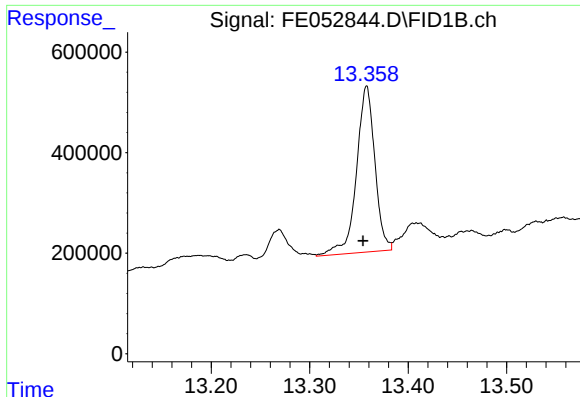
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 508298
Conc: 3.50 ug/ml



#11 n-Heneicosane (C21)

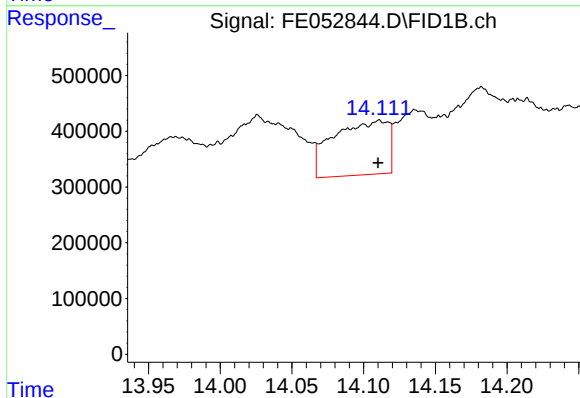
R.T.: 13.557 min
Delta R.T.: 0.035 min
Response: 1431903
Conc: 10.06 ug/ml



#12 1-chlorooctadecane (SURR)

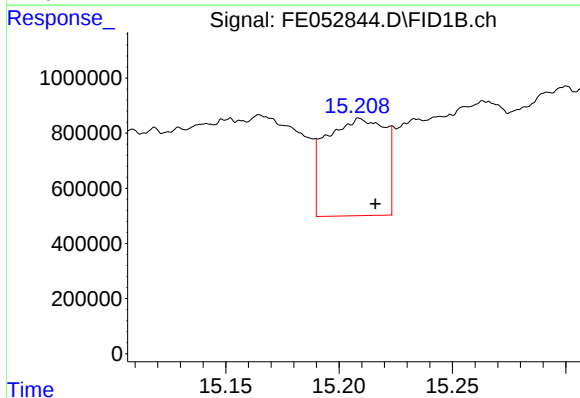
R.T.: 13.358 min
Delta R.T.: 0.004 min
Response: 4292460
Conc: 35.35 ug/ml

Instrument :
FID_E
ClientSampleId :



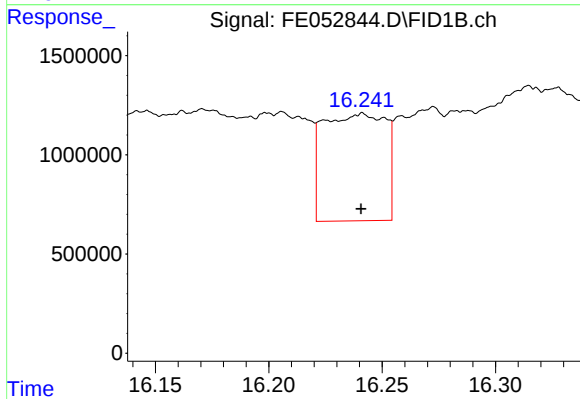
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: 0.001 min
Response: 2586505
Conc: 18.18 ug/ml



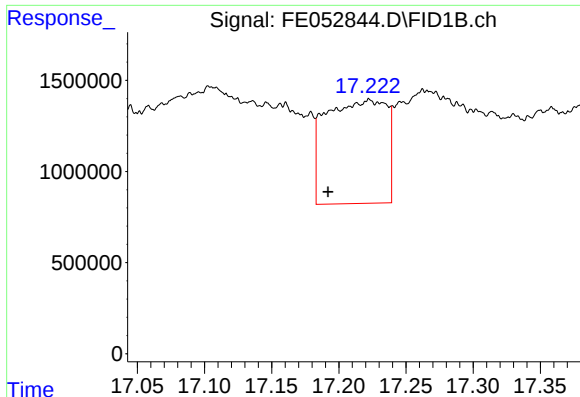
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.006 min
Response: 6396988
Conc: 44.70 ug/ml



#15 n-Hexacosane (C26)

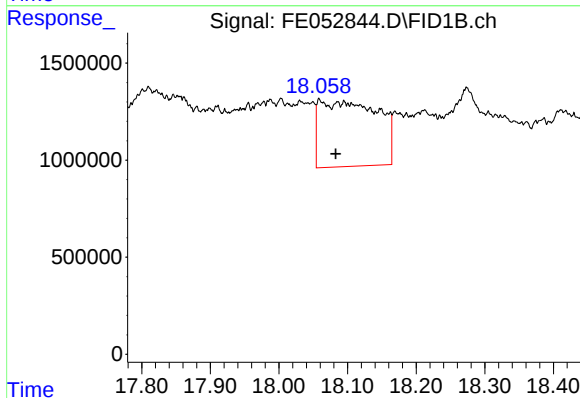
R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 10301096
Conc: 72.44 ug/ml



#16 n-Octacosane (C28)

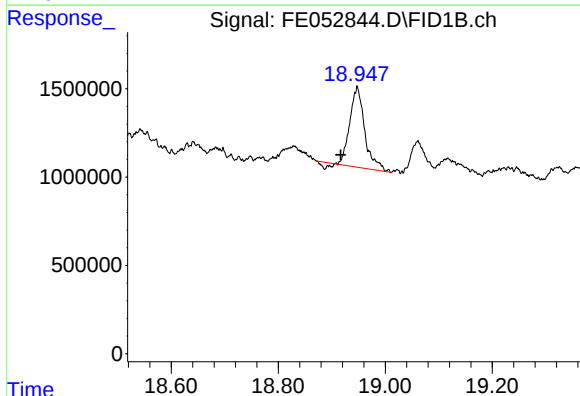
R.T.: 17.223 min
Delta R.T.: 0.031 min
Response: 17889825
Conc: 125.81 ug/ml

Instrument :
FID_E
ClientSampleId :



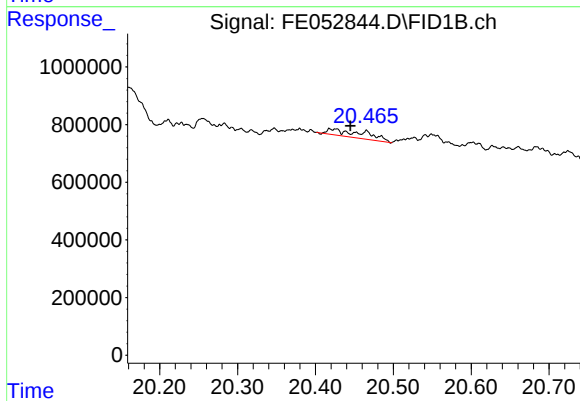
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.023 min
Response: 20177703
Conc: 136.61 ug/ml



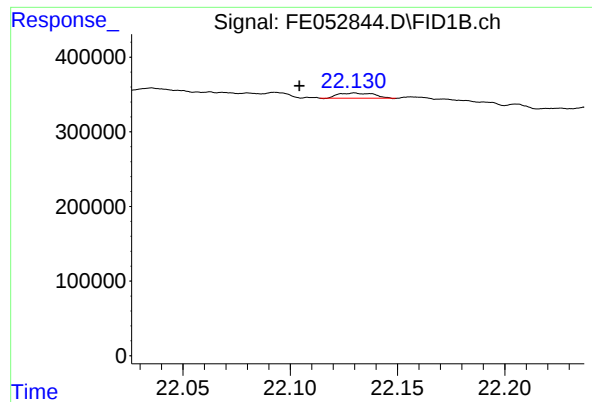
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: 0.030 min
Response: 8528732
Conc: 58.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.021 min
Response: 781908
Conc: 6.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.026 min
Response: 79072
Conc: 0.73 ug/ml

Instrument :

FID_E

ClientSampleId :