

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052392.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 16:07
 Operator : YP\AJ
 Sample : Q1366-01D
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 14 21:59:29 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)	11.916	5651178	30.231 ug/ml
Spiked Amount 50.000		Recovery =	60.46%
12) S 1-chlorooctadecane (S...	13.361	4235517	30.472 ug/ml
Spiked Amount 50.000		Recovery =	60.94%
Target Compounds			
7) T n-Hexadecane (C16)	10.149	86988	0.532 ug/ml
8) T n-Octadecane (C18)	11.598	89798	0.543 ug/ml
10) T n-Eicosane (C20)	12.967	116290	0.729 ug/ml
16) T n-Octacosane (C28)	17.200	175633	1.148 ug/ml
17) T n-Tricontane (C30)	18.090	531513	3.405 ug/ml
18) T n-Dotriacontane (C32)	18.927	526089	3.438 ug/ml
19) T n-Tetratriacontane (C34)	19.712	434830	3.057 ug/ml
20) T n-Hexatriacontane (C36)	20.454	179524	1.440 ug/ml
22) T n-Tetracontane (C40)	22.121	500324	4.974 ug/ml

(f)=RT Delta > 1/2 Window

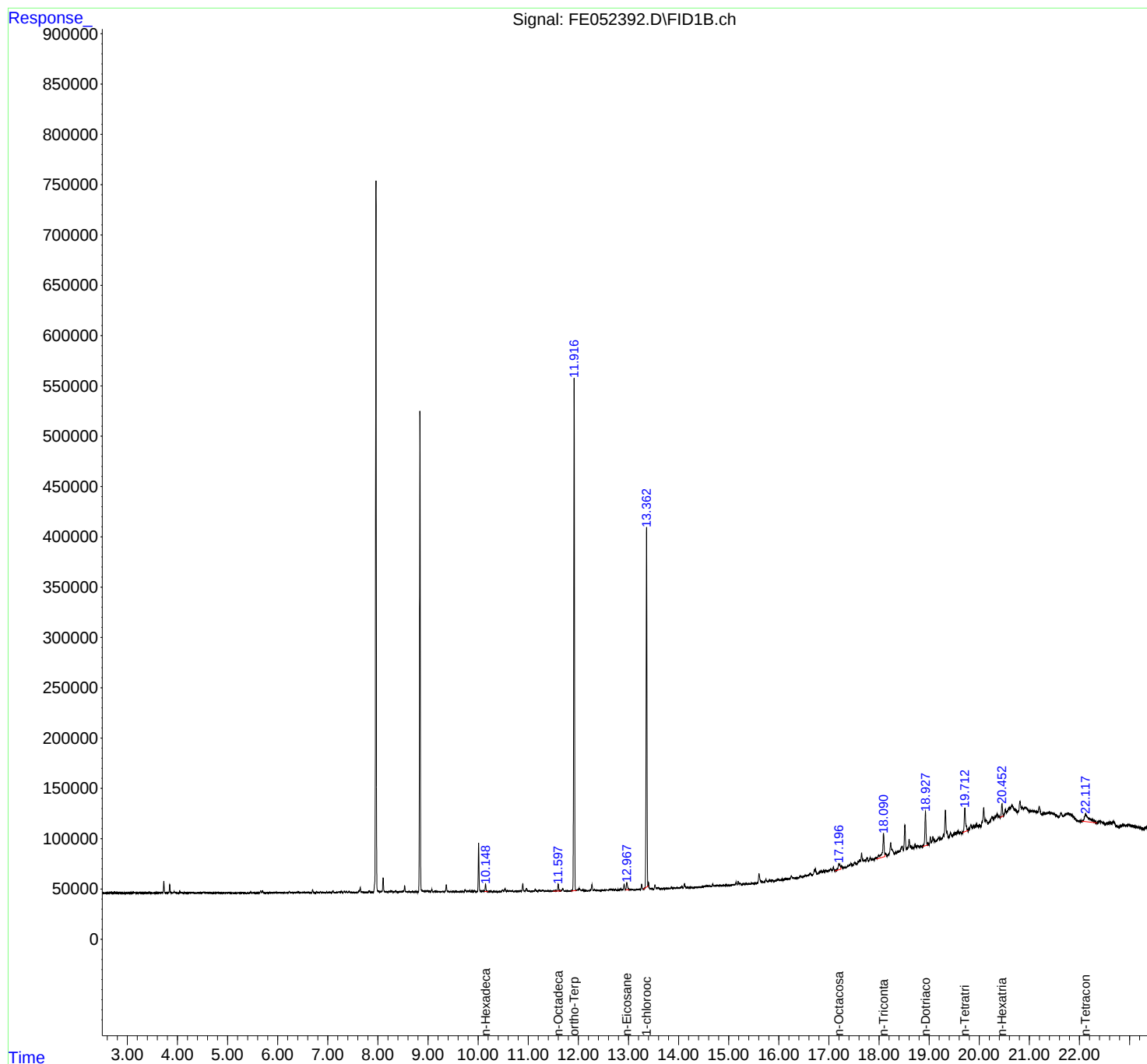
(m)=manual int.

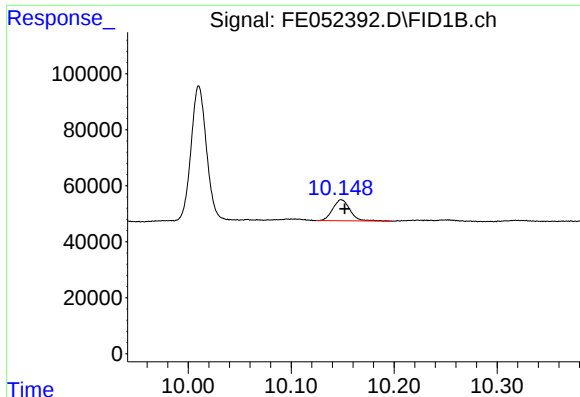
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Signal Info : 20M x 0.18mm x 0.18um

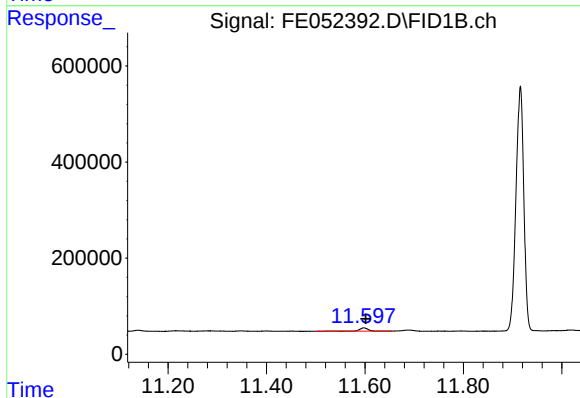




#7 n-Hexadecane (C16)

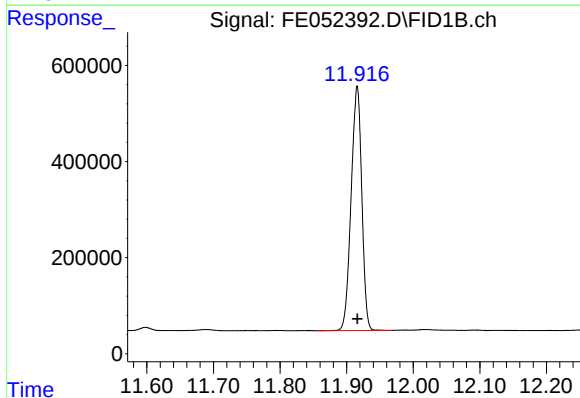
R.T.: 10.149 min
Delta R.T.: -0.003 min
Response: 86988
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



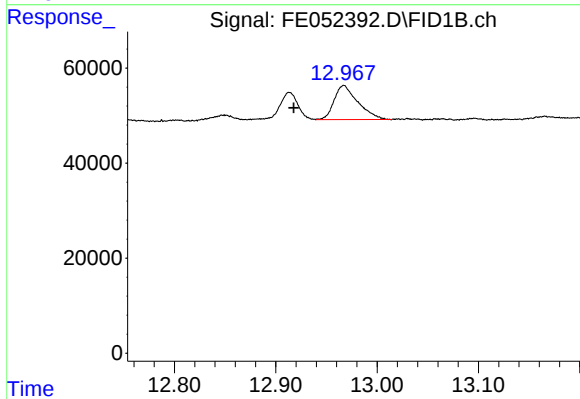
#8 n-Octadecane (C18)

R.T.: 11.598 min
Delta R.T.: -0.004 min
Response: 89798
Conc: 0.54 ug/ml



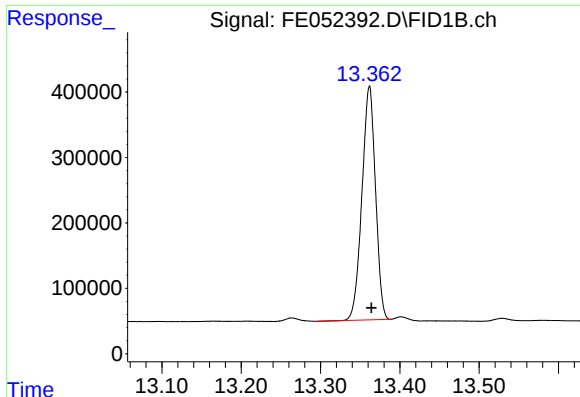
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 5651178
Conc: 30.23 ug/ml



#10 n-Eicosane (C20)

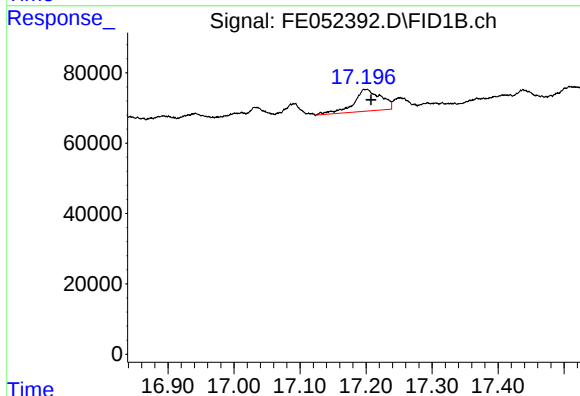
R.T.: 12.967 min
Delta R.T.: 0.049 min
Response: 116290
Conc: 0.73 ug/ml



#12 1-chlorooctadecane (SURR)

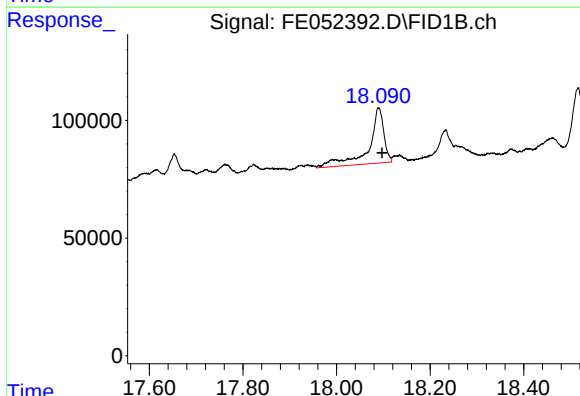
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 4235517
Conc: 30.47 ug/ml

Instrument :
FID_E
ClientSampleId :



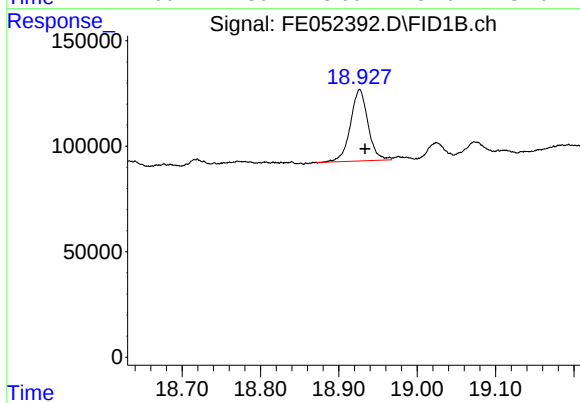
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.008 min
Response: 175633
Conc: 1.15 ug/ml



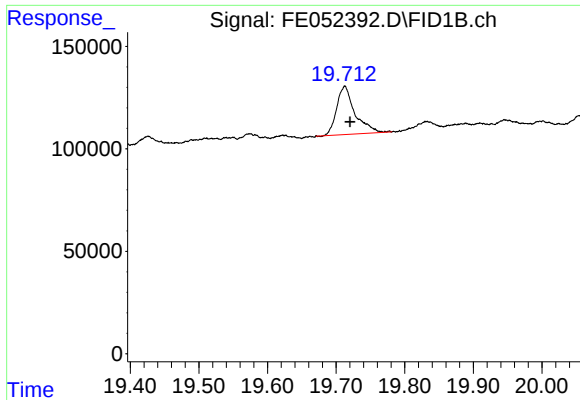
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.007 min
Response: 531513
Conc: 3.40 ug/ml



#18 n-Dotriacontane (C32)

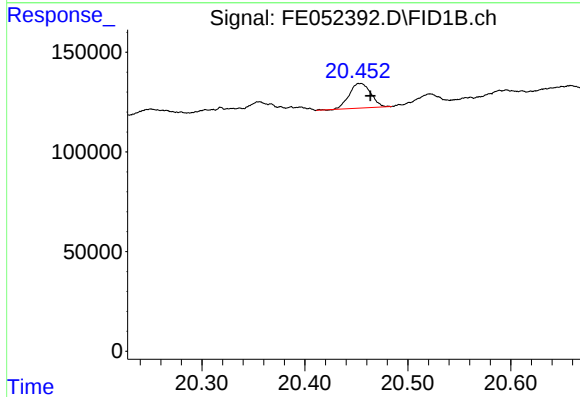
R.T.: 18.927 min
Delta R.T.: -0.007 min
Response: 526089
Conc: 3.44 ug/ml



#19 n-Tetratriacontane (C34)

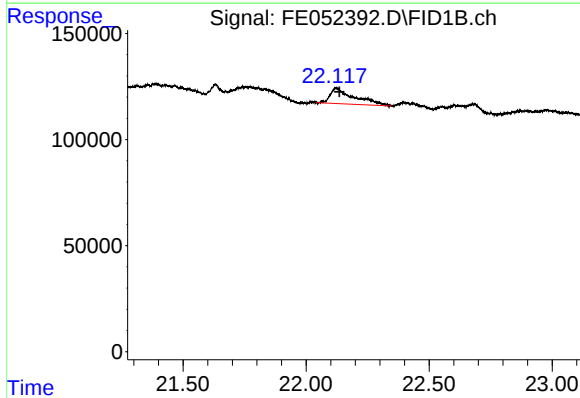
R.T.: 19.712 min
Delta R.T.: -0.008 min
Response: 434830
Conc: 3.06 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.010 min
Response: 179524
Conc: 1.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.014 min
Response: 500324
Conc: 4.97 ug/ml