

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053719.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2025 19:32
 Operator : YP\AJ
 Sample : Q1972-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 02:02:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.860	4884057	27.079 ug/ml
Spiked Amount 50.000		Recovery =	54.16%
12) S 1-chlorooctadecane (S...	13.305	3891731	28.790 ug/ml
Spiked Amount 50.000		Recovery =	57.58%
Target Compounds			
8) T n-Octadecane (C18)	11.544	83864	0.575 ug/ml
10) T n-Eicosane (C20)	12.858	127850	0.879 ug/ml
11) T n-Heneicosane (C21)	13.472	71960	0.497 ug/ml
15) T n-Hexacosane (C26)	16.232	264962	1.871 ug/ml
16) T n-Octacosane (C28)	17.159	588767	4.232 ug/ml
18) T n-Dotriacontane (C32)	18.858	165244	1.203 ug/ml

(f)=RT Delta > 1/2 Window

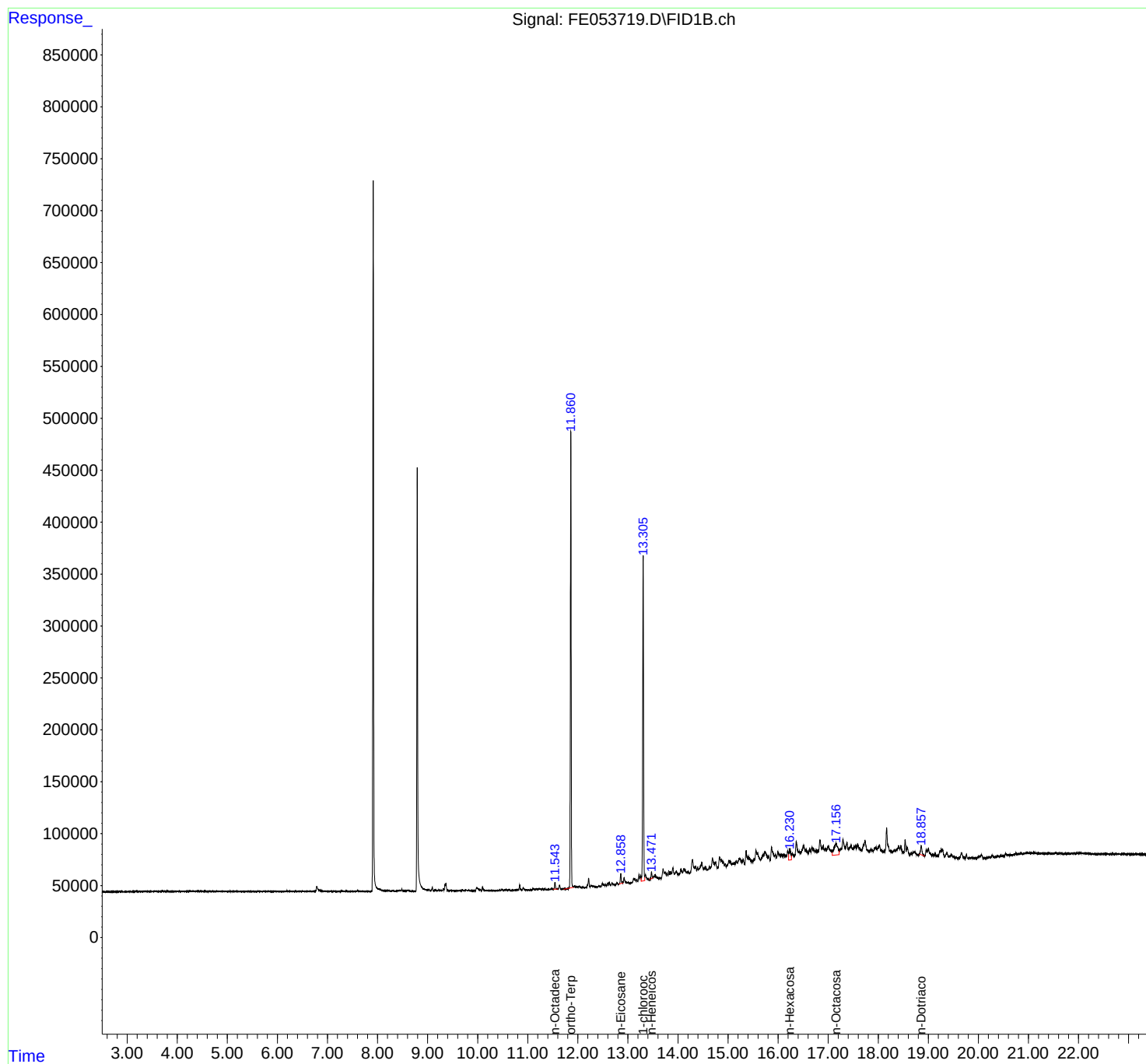
(m)=manual int.

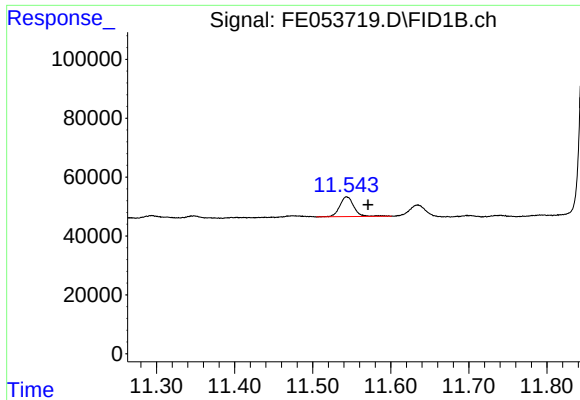
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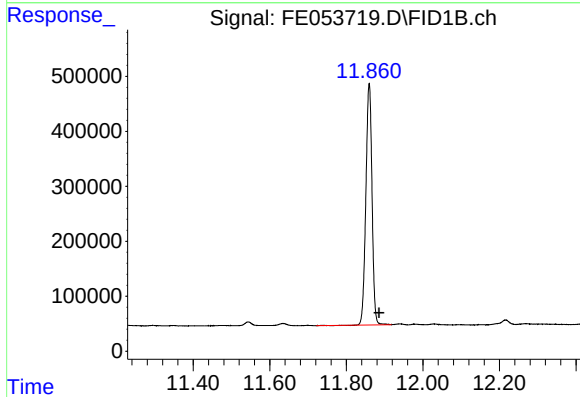




#8 n-Octadecane (C18)

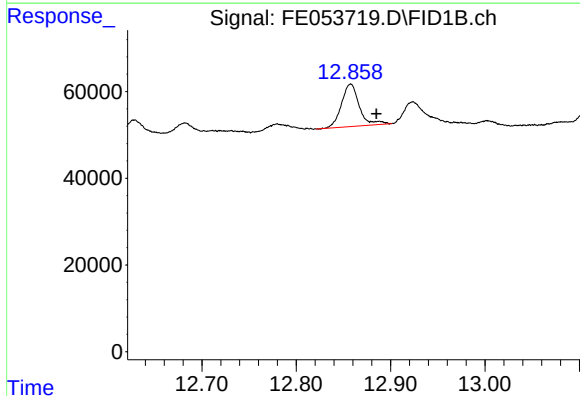
R.T.: 11.544 min
Delta R.T.: -0.027 min
Response: 83864
Conc: 0.58 ug/ml

Instrument :
FID_E
ClientSampleId :



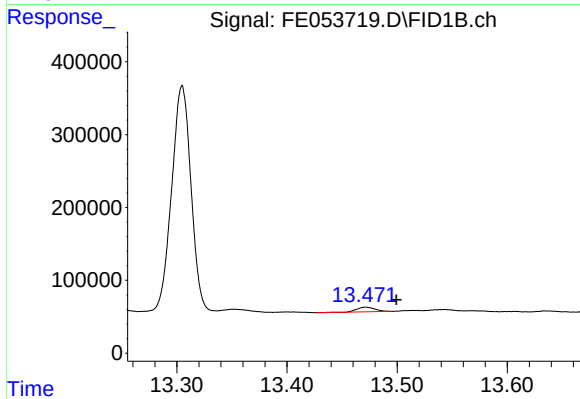
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.026 min
Response: 4884057
Conc: 27.08 ug/ml



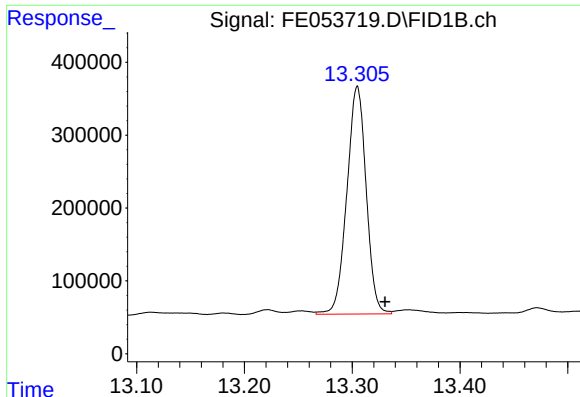
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: -0.027 min
Response: 127850
Conc: 0.88 ug/ml



#11 n-Heneicosane (C21)

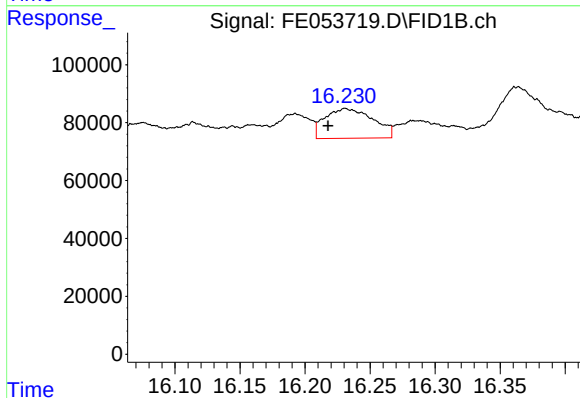
R.T.: 13.472 min
Delta R.T.: -0.027 min
Response: 71960
Conc: 0.50 ug/ml



#12 1-chlorooctadecane (SURR)

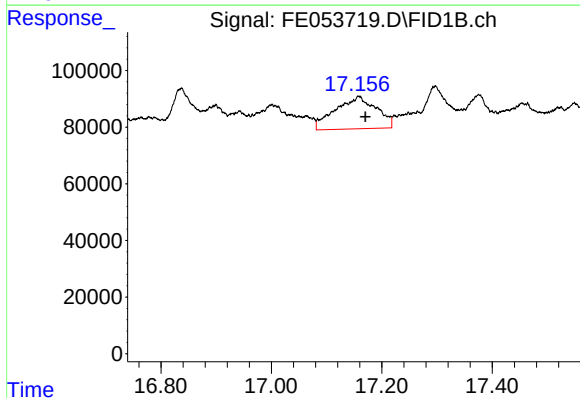
R.T.: 13.305 min
Delta R.T.: -0.026 min
Response: 3891731
Conc: 28.79 ug/ml

Instrument :
FID_E
ClientSampleId :



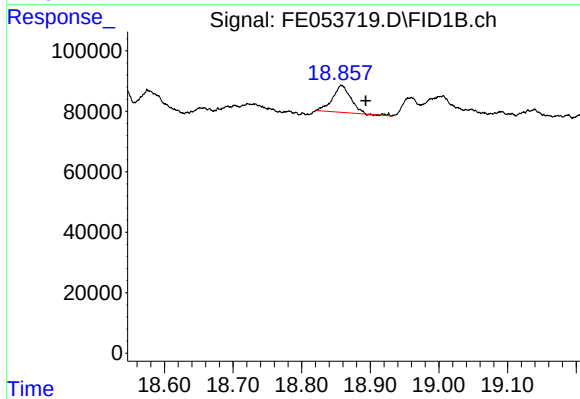
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.014 min
Response: 264962
Conc: 1.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.011 min
Response: 588767
Conc: 4.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.035 min
Response: 165244
Conc: 1.20 ug/ml