

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054961.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 15:43
 Operator : YP\AJ
 Sample : Q2649-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-2

Integration File: autoint1.e
 Quant Time: Jul 23 04:30:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.089	3373715	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
12) S 1-chlorooctadecane (S...	13.525	2526376	20.004 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
10) T n-Eicosane (C20)	13.075	21295	0.148 ug/ml
11) T n-Heneicosane (C21)	13.689	24211	0.170 ug/ml
13) T n-Docosane (C22)	14.278	23636	0.166 ug/ml
14) T n-Tetracosane (C24)	15.382	25685	0.177 ug/ml
16) T n-Octacosane (C28)	17.359	40758	0.280 ug/ml
17) T n-Tricontane (C30)	18.249	58703	0.373 ug/ml
18) T n-Dotriacontane (C32)	19.083	119168	0.737 ug/ml
19) T n-Tetratriacontane (C34)	19.870	98122	0.644 ug/ml
20) T n-Hexatriacontane (C36)	20.611	24233	0.180 ug/ml
21) T n-Octatriacontane (C38)	21.391	139749	1.192 ug/ml

(f)=RT Delta > 1/2 Window

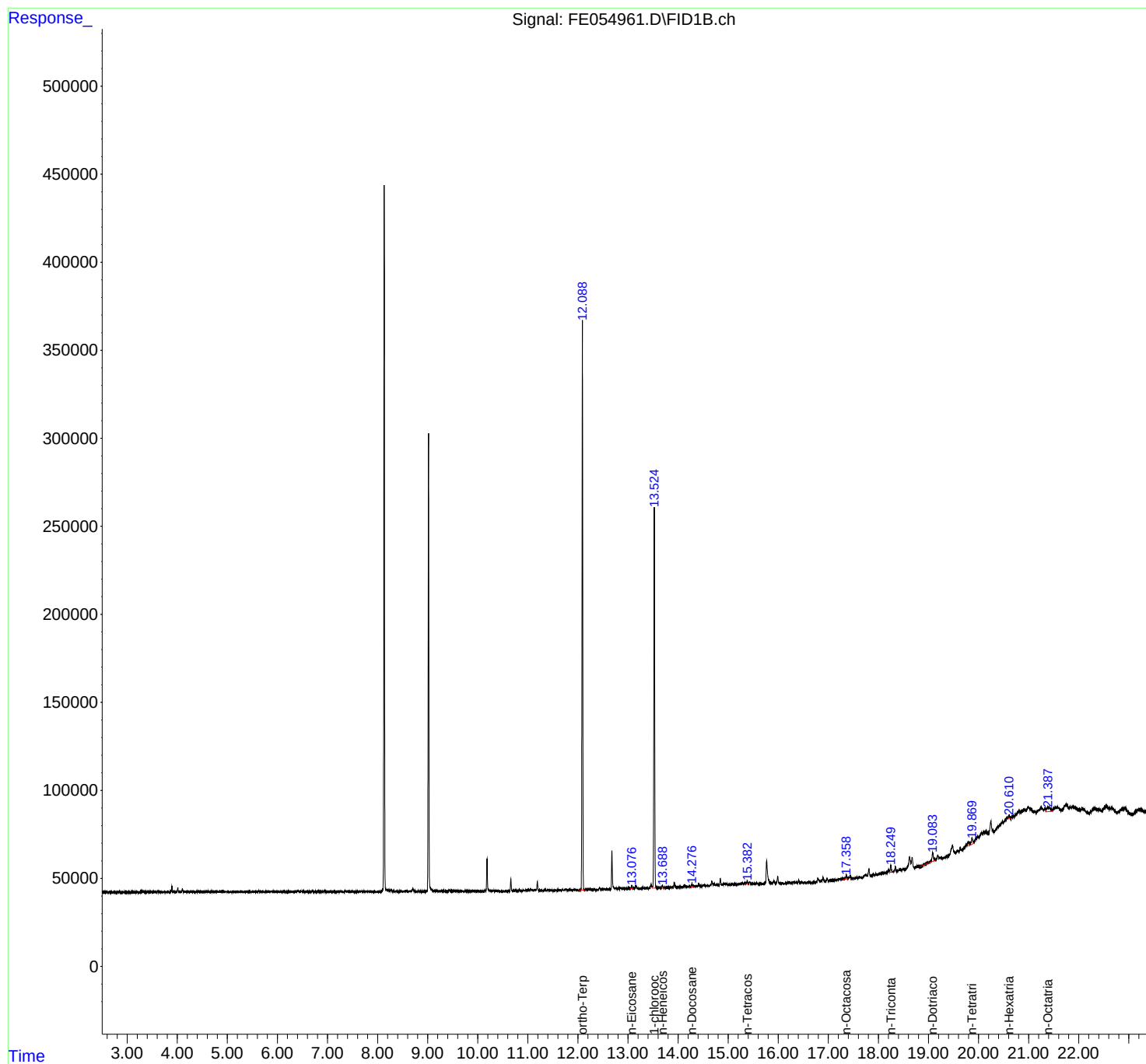
(m)=manual int.

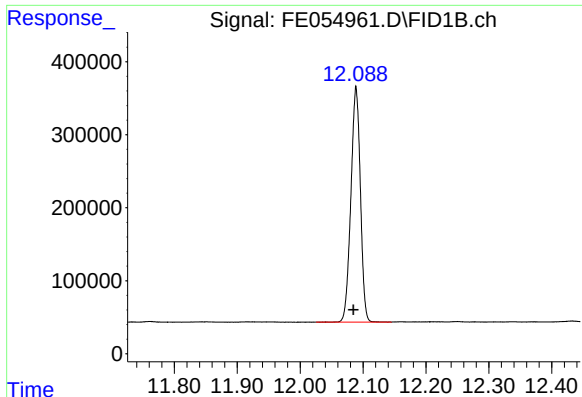
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

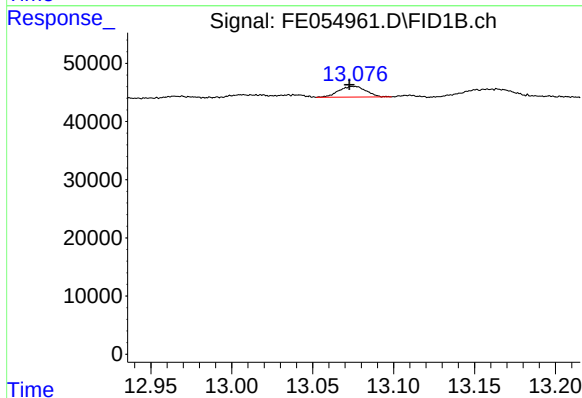




#9 ortho-Terphenyl (SURR)

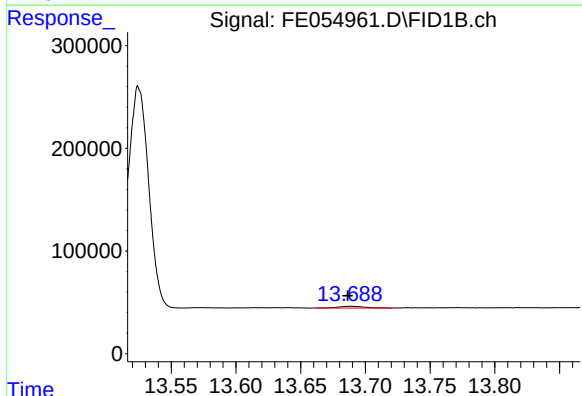
R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 3373715
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2



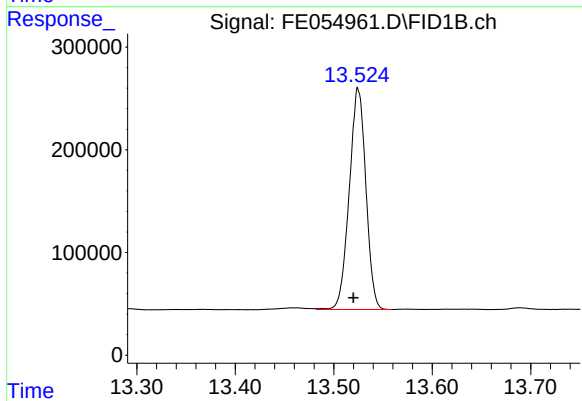
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 21295
Conc: 0.15 ug/ml



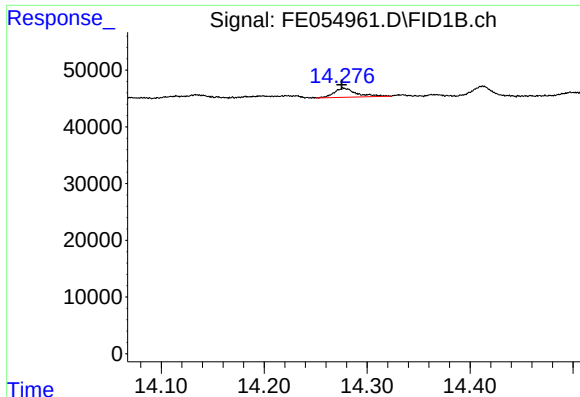
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 24211
Conc: 0.17 ug/ml



#12 1-chlorooctadecane (SURR)

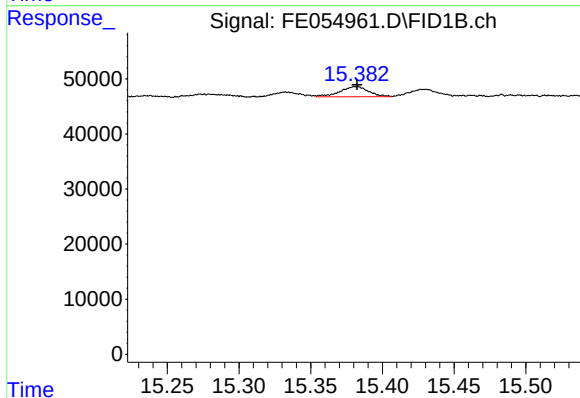
R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 2526376
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

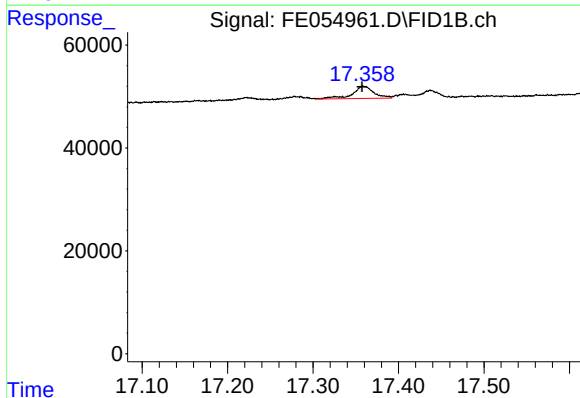
R.T.: 14.278 min
Delta R.T.: 0.002 min
Response: 23636
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2



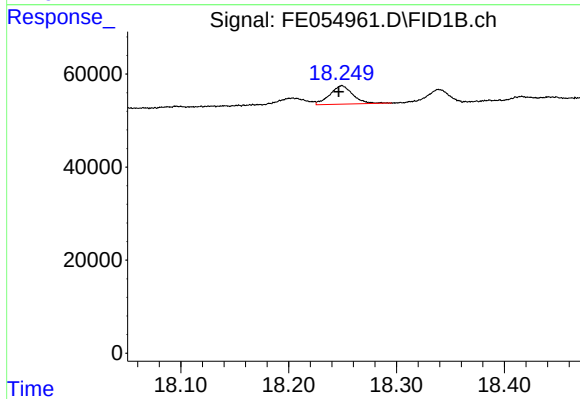
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 25685
Conc: 0.18 ug/ml



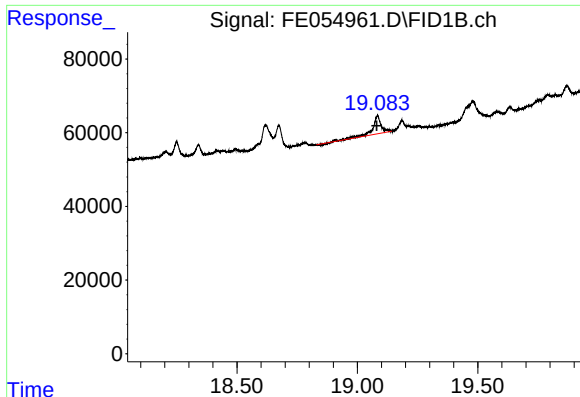
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 40758
Conc: 0.28 ug/ml



#17 n-Tricontane (C30)

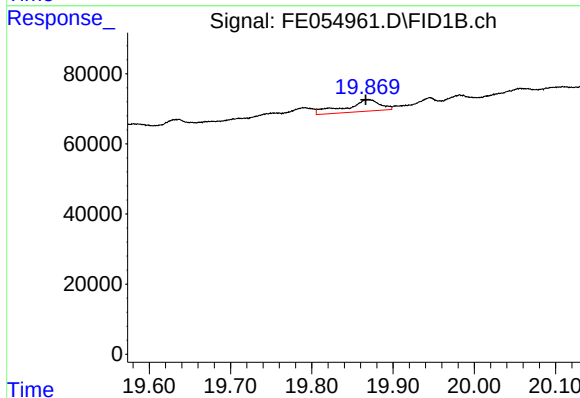
R.T.: 18.249 min
Delta R.T.: 0.003 min
Response: 58703
Conc: 0.37 ug/ml



#18 n-Dotriacontane (C32)

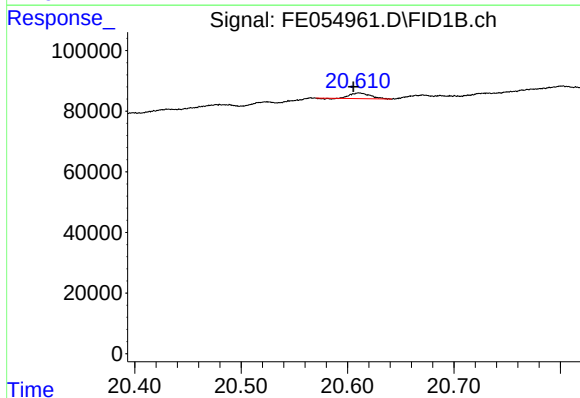
R.T.: 19.083 min
Delta R.T.: 0.003 min
Response: 119168
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-2



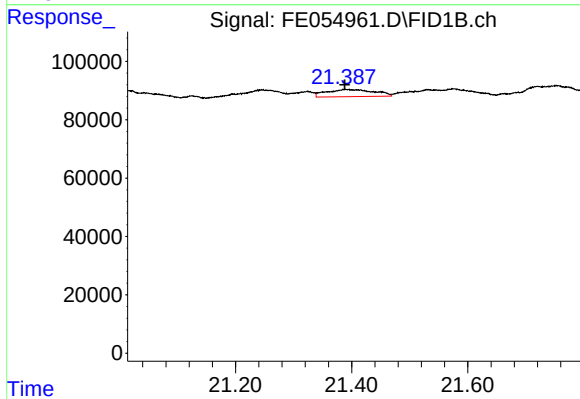
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 98122
Conc: 0.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: 0.005 min
Response: 24233
Conc: 0.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.003 min
Response: 139749
Conc: 1.19 ug/ml