

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054426.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 02:48
 Operator : YP\AJ
 Sample : Q2325-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-8

Integration File: sample.E
 Quant Time: Jun 17 03:31:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	5295269	32.047 ug/ml
Spiked Amount 50.000		Recovery =	64.09%
12) S 1-chlorooctadecane (S...	13.272	4224221	34.639 ug/ml
Spiked Amount 50.000		Recovery =	69.28%
Target Compounds			
10) T n-Eicosane (C20)	12.824	44426	0.332 ug/ml
11) T n-Heneicosane (C21)	13.438	69072	0.519 ug/ml
13) T n-Docosane (C22)	14.024	65286	0.498 ug/ml
14) T n-Tetracosane (C24)	15.129	64204	0.498 ug/ml
15) T n-Hexacosane (C26)	16.152	95465	0.761 ug/ml
16) T n-Octacosane (C28)	17.104	273552	2.231 ug/ml
17) T n-Tricontane (C30)	17.992	329547	2.659 ug/ml
18) T n-Dotriacontane (C32)	18.826	769501	6.124 ug/ml
19) T n-Tetratriacontane (C34)	19.614	1506074	12.106 ug/ml
20) T n-Hexatriacontane (C36)	20.352	8235808	63.977 ug/ml
21) T n-Octatriacontane (C38)	21.087	18639930	141.167 ug/ml
22) T n-Tetracontane (C40)	21.970	12121634	89.986 ug/ml

(f)=RT Delta > 1/2 Window

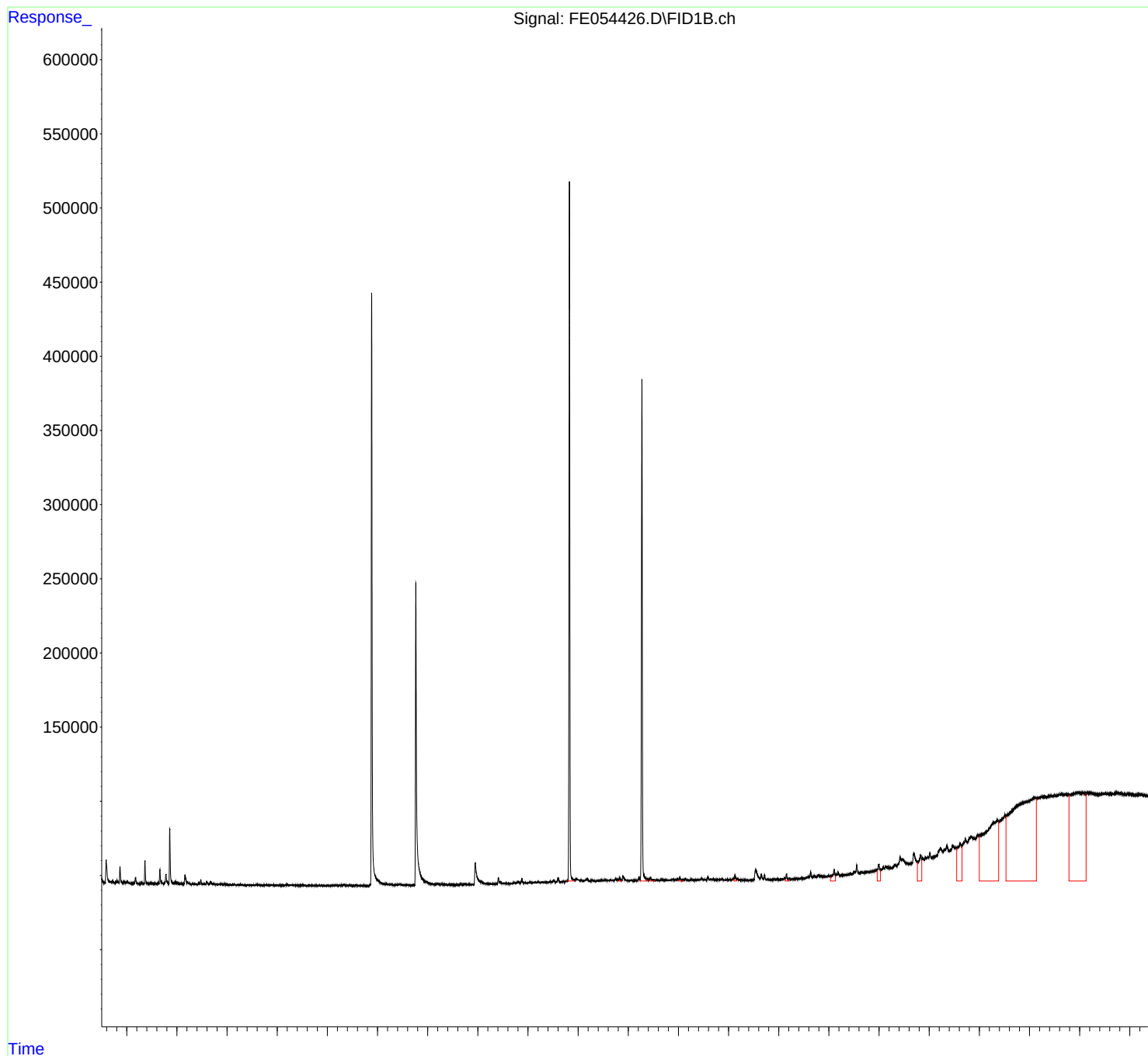
(m)=manual int.

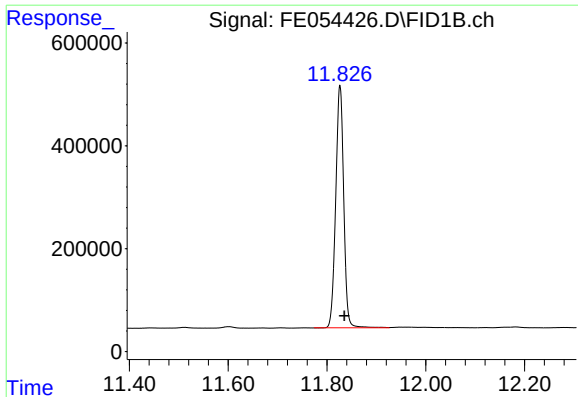
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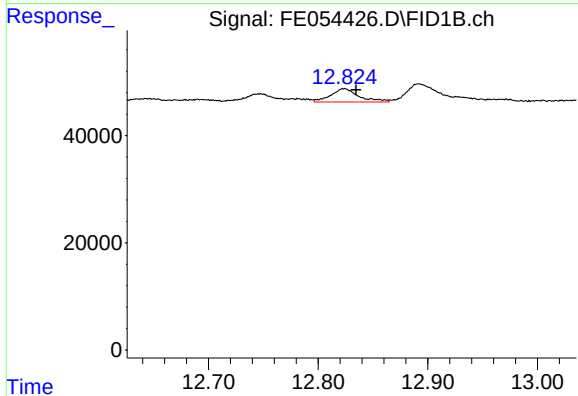




#9 ortho-Terphenyl (SURR)

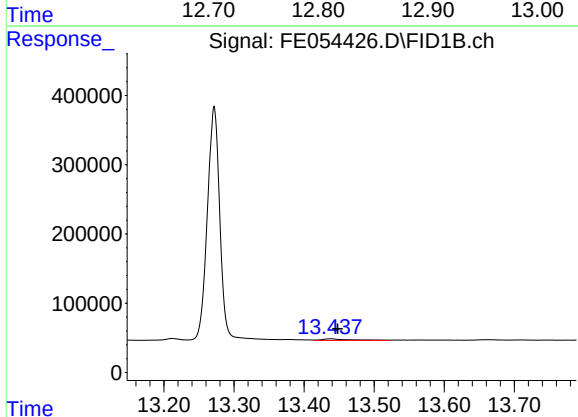
R.T.: 11.826 min
Delta R.T.: -0.008 min
Response: 5295269
Conc: 32.05 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-8



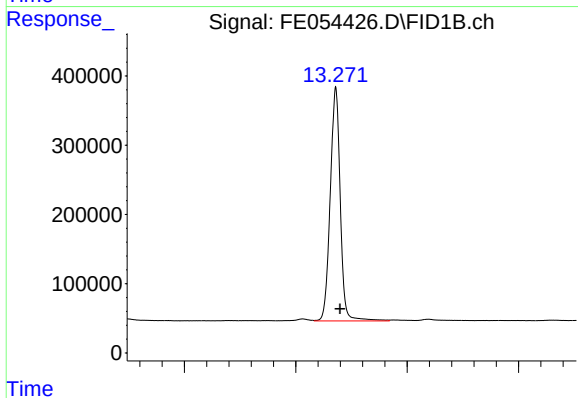
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 44426
Conc: 0.33 ug/ml



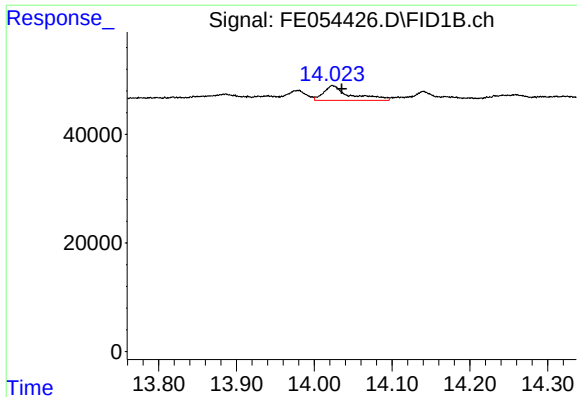
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 69072
Conc: 0.52 ug/ml



#12 1-chlorooctadecane (SURR)

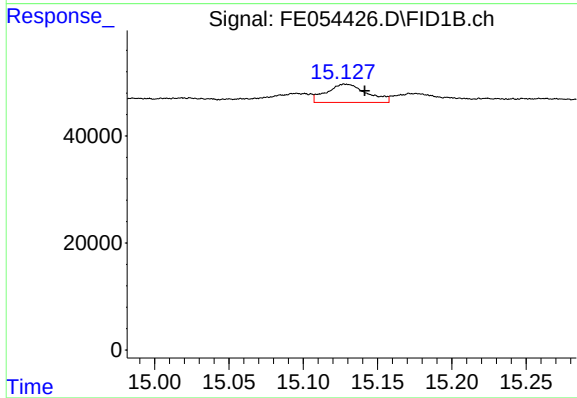
R.T.: 13.272 min
Delta R.T.: -0.008 min
Response: 4224221
Conc: 34.64 ug/ml



#13 n-Docosane (C22)

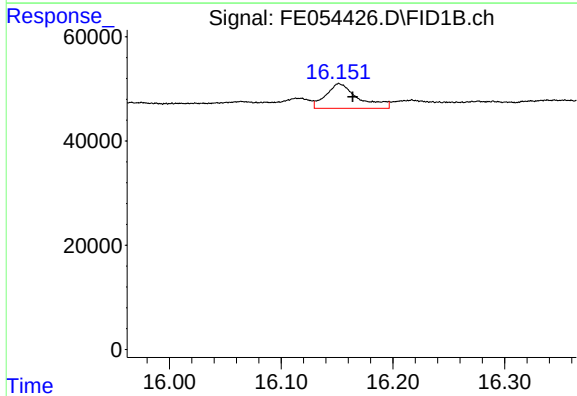
R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 65286
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-8



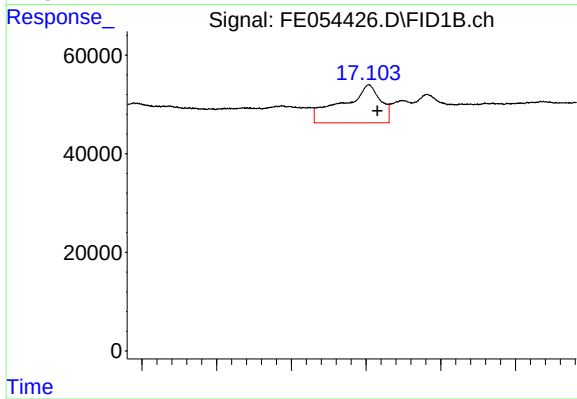
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.013 min
Response: 64204
Conc: 0.50 ug/ml



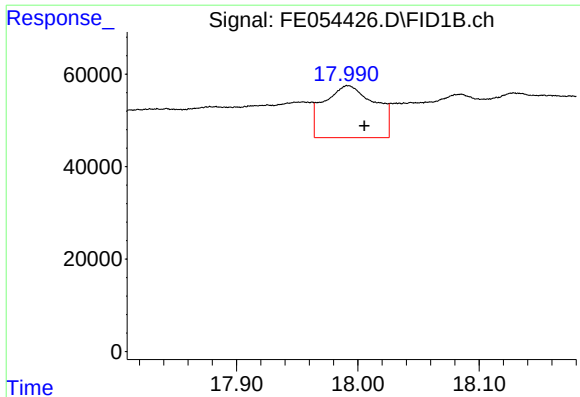
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 95465
Conc: 0.76 ug/ml



#16 n-Octacosane (C28)

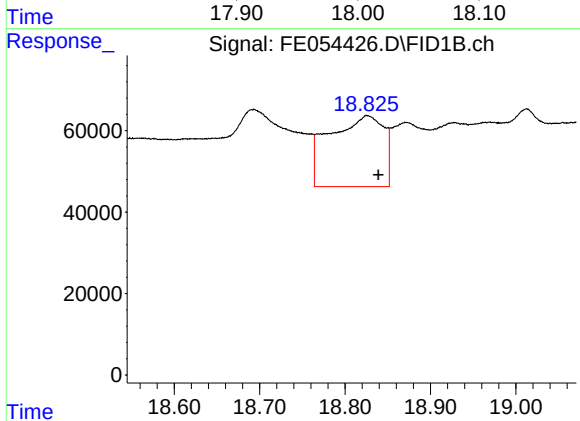
R.T.: 17.104 min
Delta R.T.: -0.011 min
Response: 273552
Conc: 2.23 ug/ml



#17 n-Tricontane (C30)

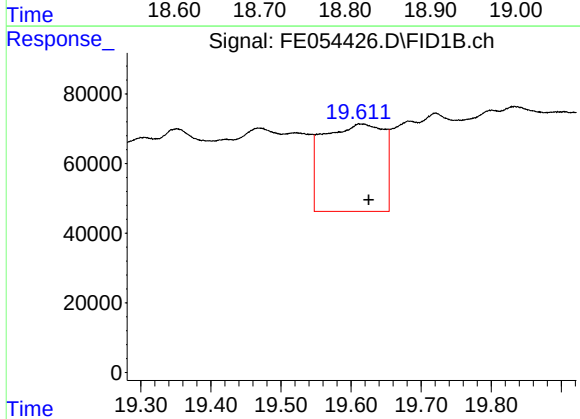
R.T.: 17.992 min
Delta R.T.: -0.013 min
Response: 329547
Conc: 2.66 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-8



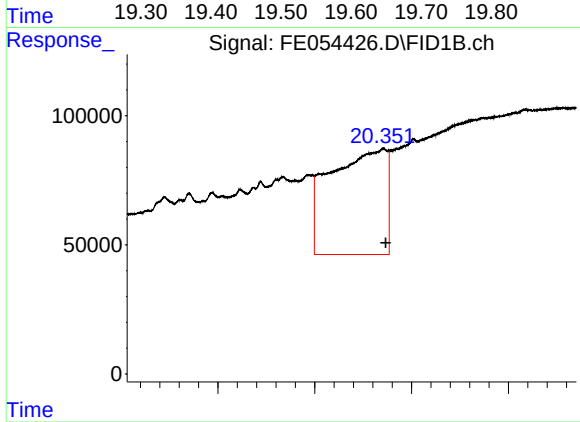
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 769501
Conc: 6.12 ug/ml



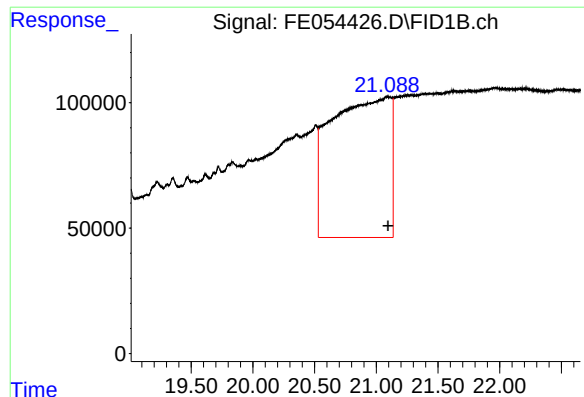
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.011 min
Response: 1506074
Conc: 12.11 ug/ml



#20 n-Hexatriacontane (C36)

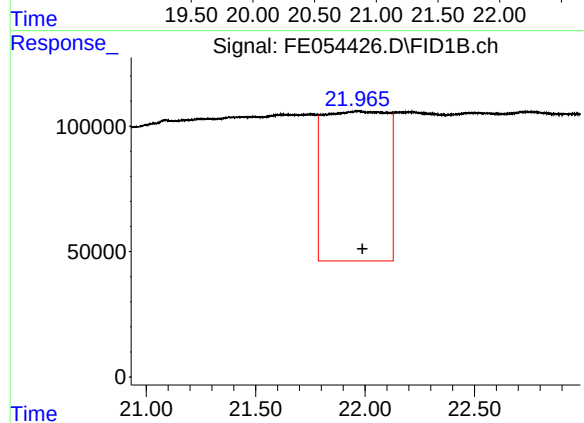
R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 8235808
Conc: 63.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.008 min
Response: 18639930
Conc: 141.17 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-8



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.018 min
Response: 12121634
Conc: 89.99 ug/ml