

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060625AL\
 Data File : FE054229.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 20:54
 Operator : YP\AJ
 Sample : Q2241-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-N

Integration File: autoint1.e
 Quant Time: Jun 07 00:57:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.833	5246831	32.286 ug/ml
Spiked Amount 50.000		Recovery =	64.57%
12) S 1-chlorooctadecane (S...	13.278	4202726	35.451 ug/ml
Spiked Amount 50.000		Recovery =	70.90%
Target Compounds			
7) T n-Hexadecane (C16)	10.073	26724	0.198 ug/ml
10) T n-Eicosane (C20)	12.830	46684	0.355 ug/ml
11) T n-Heneicosane (C21)	13.446	26596	0.205 ug/ml
13) T n-Docosane (C22)	14.032	24710	0.194 ug/ml
14) T n-Tetracosane (C24)	15.138	119108	0.952 ug/ml
15) T n-Hexacosane (C26)	16.160	25772	0.210 ug/ml
16) T n-Octacosane (C28)	17.112	52150	0.429 ug/ml
17) T n-Tricontane (C30)	17.999	90372	0.726 ug/ml
18) T n-Dotriacontane (C32)	18.834	87478	0.700 ug/ml
19) T n-Tetratriacontane (C34)	19.630	58925	0.495 ug/ml
20) T n-Hexatriacontane (C36)	20.363	66450	0.574 ug/ml
21) T n-Octatriacontane (C38)	21.091	52961	0.487 ug/ml
22) T n-Tetracontane (C40)	21.969	78910	0.795 ug/ml

(f)=RT Delta > 1/2 Window

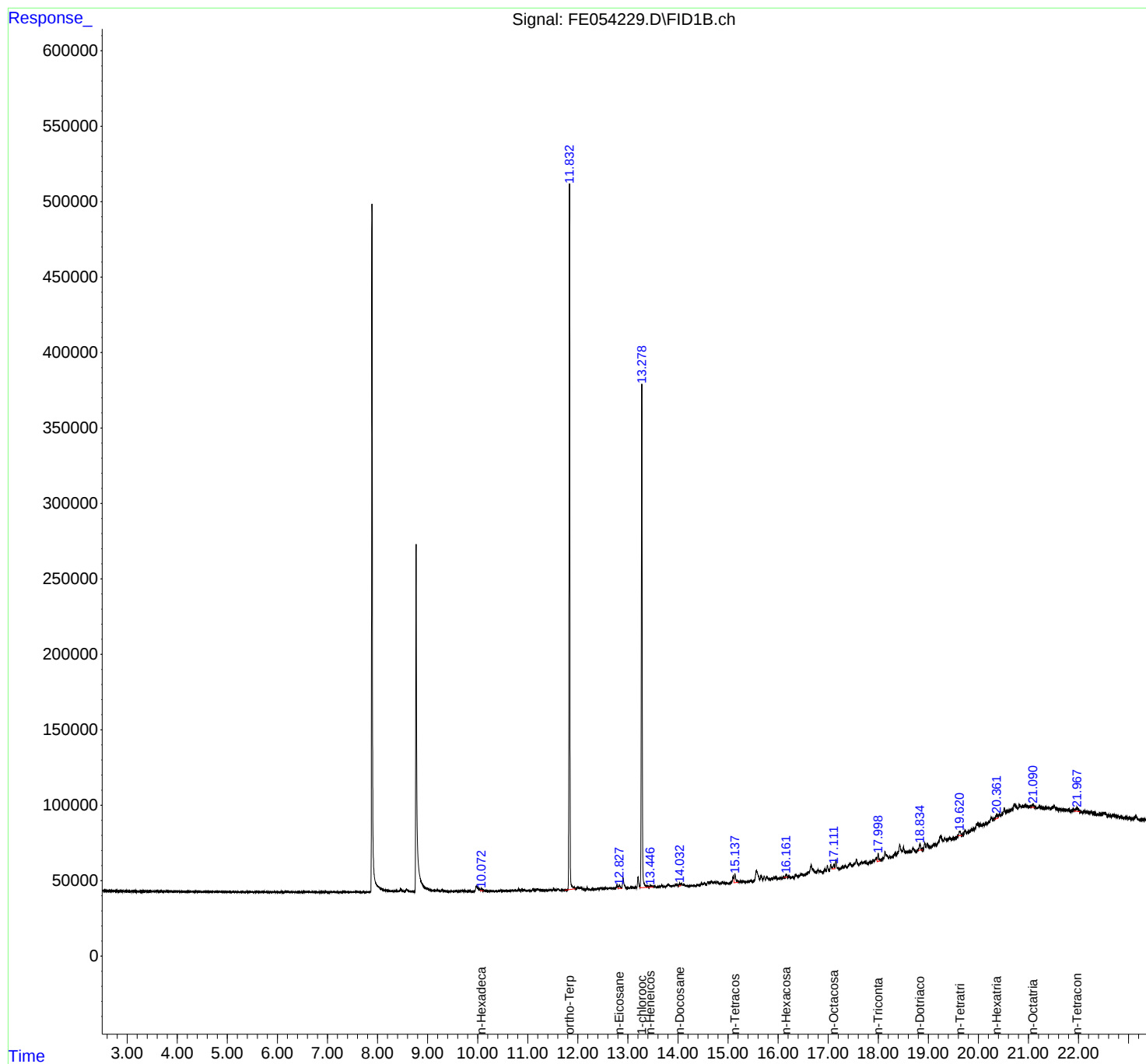
(m)=manual int.

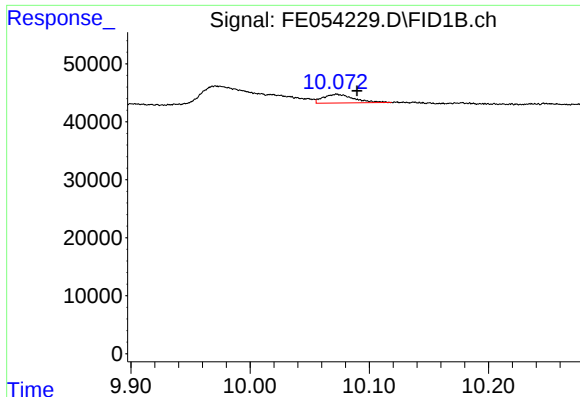
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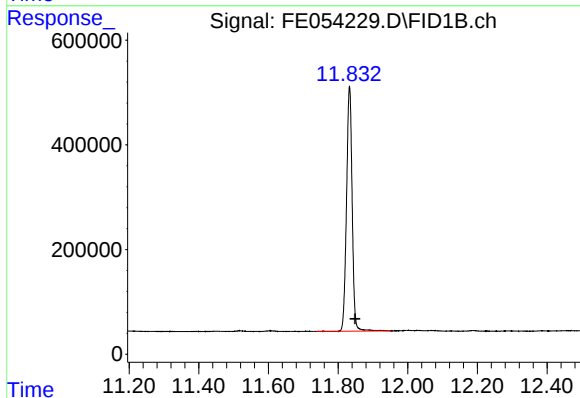




#7 n-Hexadecane (C16)

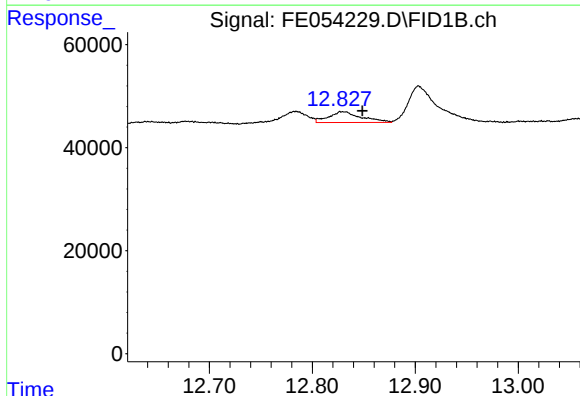
R.T.: 10.073 min
Delta R.T.: -0.017 min
Response: 26724
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N



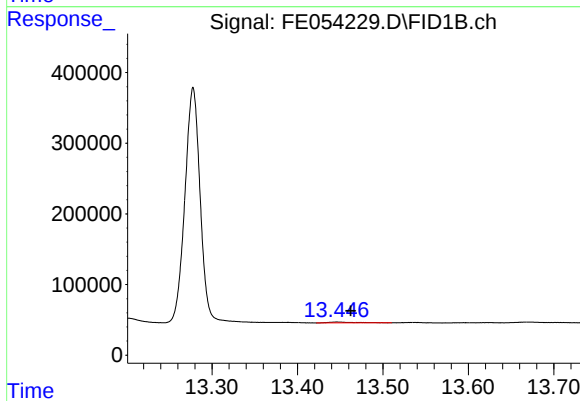
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.016 min
Response: 5246831
Conc: 32.29 ug/ml



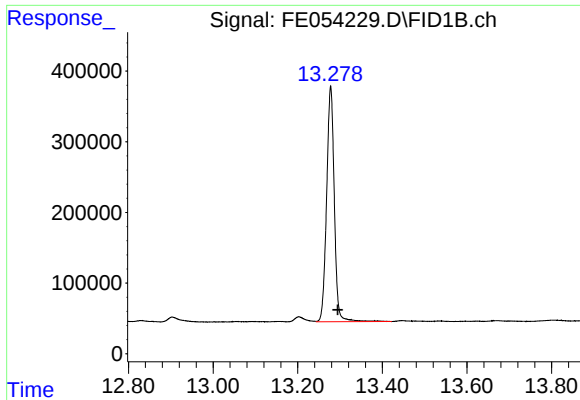
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.019 min
Response: 46684
Conc: 0.36 ug/ml



#11 n-Heneicosane (C21)

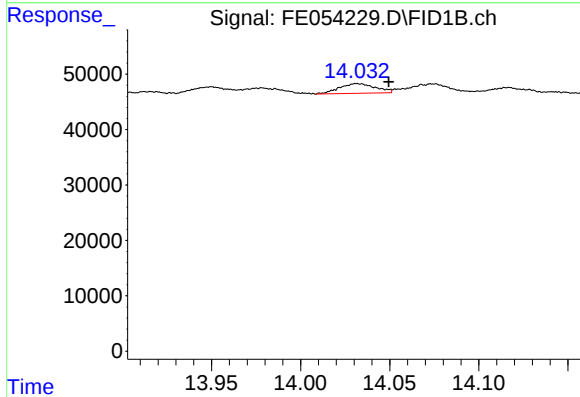
R.T.: 13.446 min
Delta R.T.: -0.016 min
Response: 26596
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

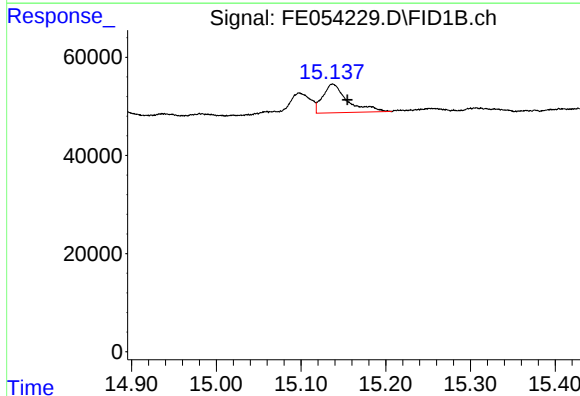
R.T.: 13.278 min
Delta R.T.: -0.017 min
Response: 4202726
Conc: 35.45 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N



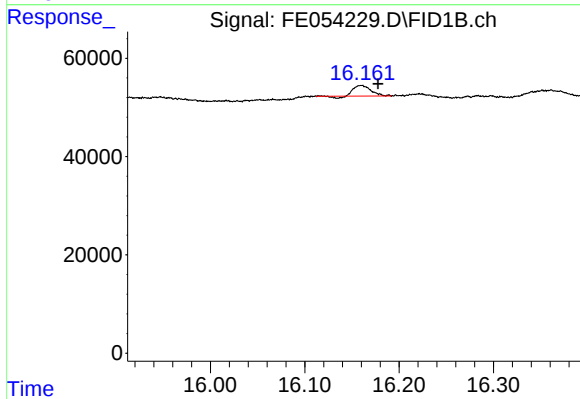
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.017 min
Response: 24710
Conc: 0.19 ug/ml



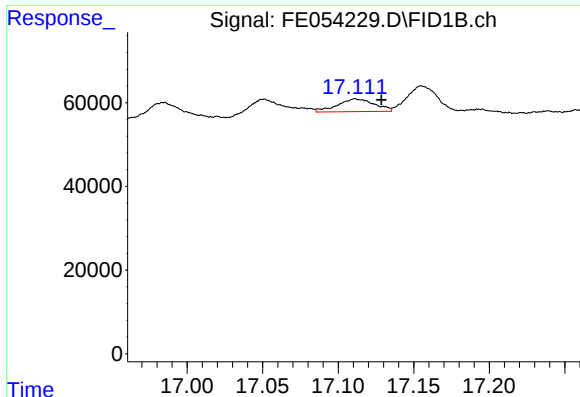
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 119108
Conc: 0.95 ug/ml



#15 n-Hexacosane (C26)

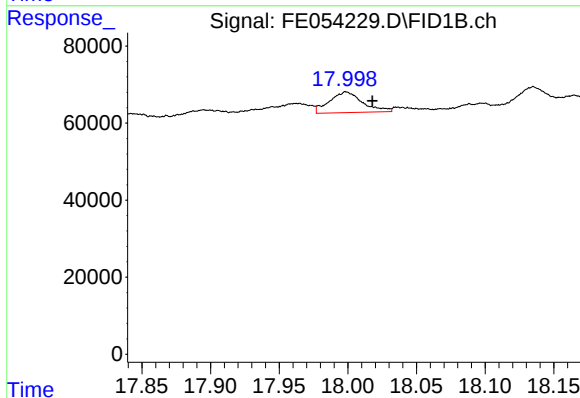
R.T.: 16.160 min
Delta R.T.: -0.018 min
Response: 25772
Conc: 0.21 ug/ml



#16 n-Octacosane (C28)

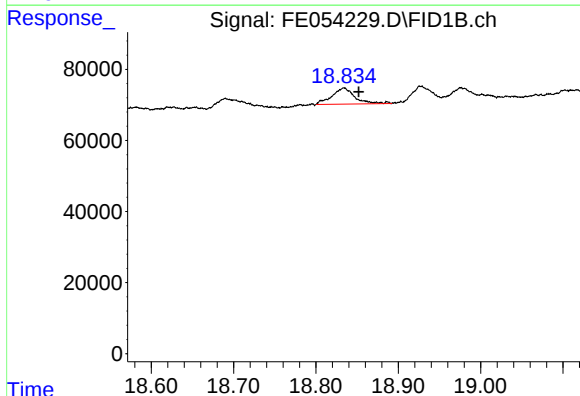
R.T.: 17.112 min
Delta R.T.: -0.016 min
Response: 52150
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N



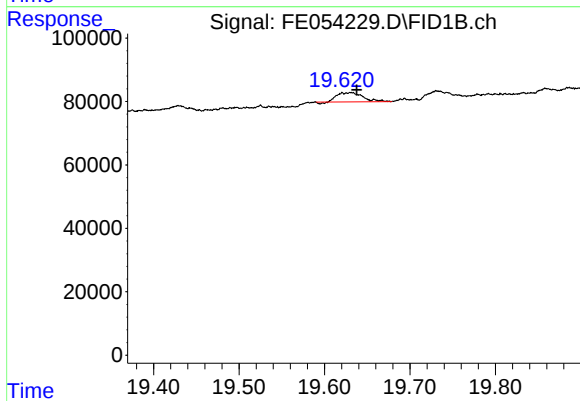
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.019 min
Response: 90372
Conc: 0.73 ug/ml



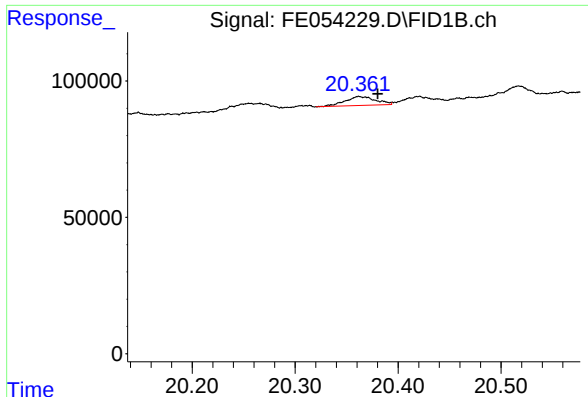
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.018 min
Response: 87478
Conc: 0.70 ug/ml



#19 n-Tetratriacontane (C34)

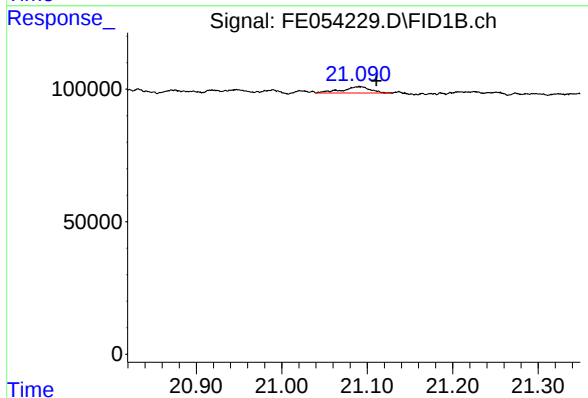
R.T.: 19.630 min
Delta R.T.: -0.008 min
Response: 58925
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

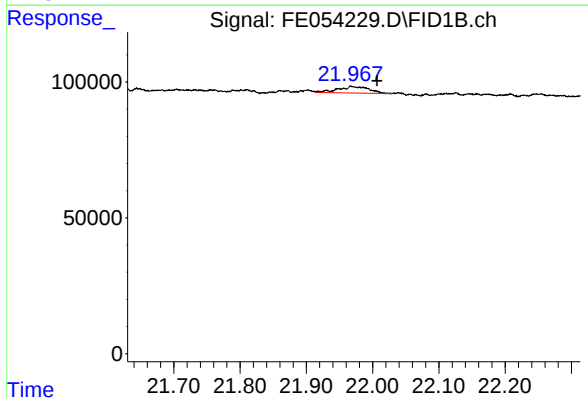
R.T.: 20.363 min
Delta R.T.: -0.018 min
Response: 66450
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.020 min
Response: 52961
Conc: 0.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.038 min
Response: 78910
Conc: 0.80 ug/ml