

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060625AL\
 Data File : FE054230.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 21:24
 Operator : YP\AJ
 Sample : Q2241-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-N-EPH

Integration File: autoint1.e
 Quant Time: Jun 07 00:57:22 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)	11.832	4941839	30.409 ug/ml
Spiked Amount 50.000		Recovery =	60.82%
12) S 1-chlorooctadecane (S...	13.277	3958051	33.387 ug/ml
Spiked Amount 50.000		Recovery =	66.77%
Target Compounds			
7) T n-Hexadecane (C16)	10.073	33482	0.248 ug/ml
10) T n-Eicosane (C20)	12.830	40625	0.309 ug/ml
13) T n-Docosane (C22)	14.032	17515	0.137 ug/ml
14) T n-Tetracosane (C24)	15.138	99317	0.794 ug/ml
15) T n-Hexacosane (C26)	16.160	31988	0.261 ug/ml
16) T n-Octacosane (C28)	17.114	45164	0.372 ug/ml
17) T n-Tricontane (C30)	17.997	61223	0.491 ug/ml
18) T n-Dotriacontane (C32)	18.833	48744	0.390 ug/ml
19) T n-Tetratriacontane (C34)	19.622	52238	0.439 ug/ml
20) T n-Hexatriacontane (C36)	20.362	47040	0.406 ug/ml
21) T n-Octatriacontane (C38)	21.086	58958	0.542 ug/ml

(f)=RT Delta > 1/2 Window

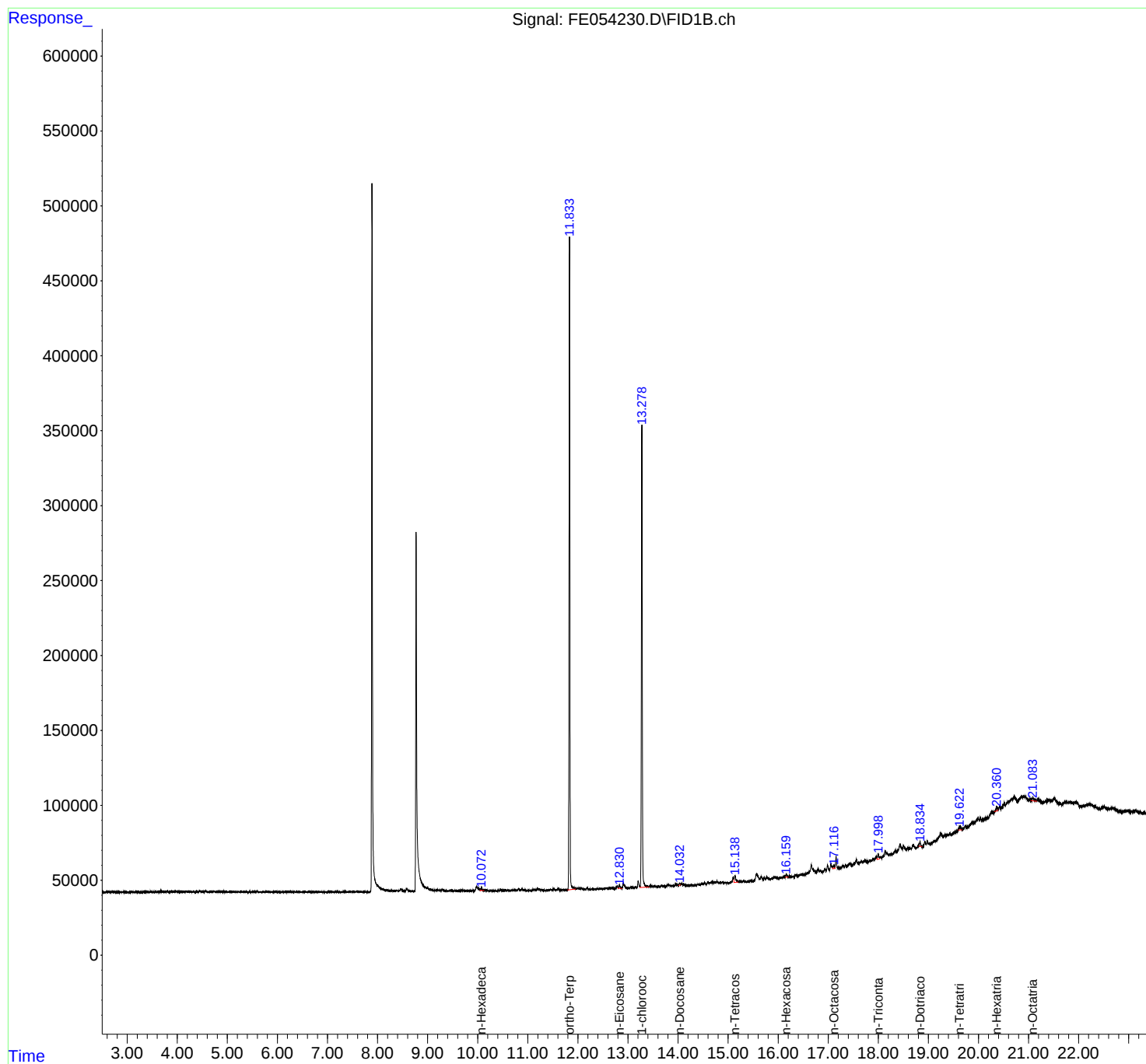
(m)=manual int.

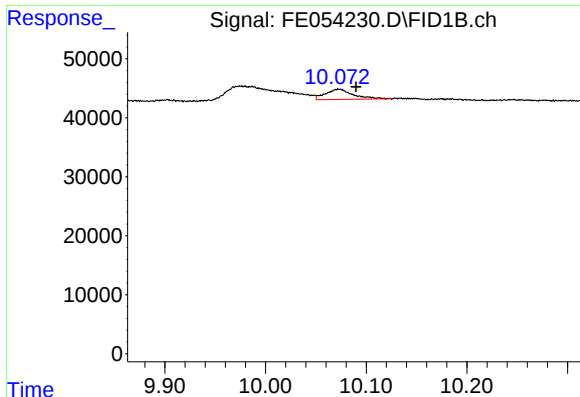
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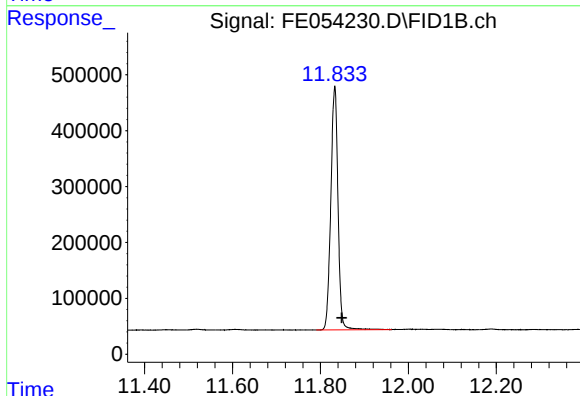




#7 n-Hexadecane (C16)

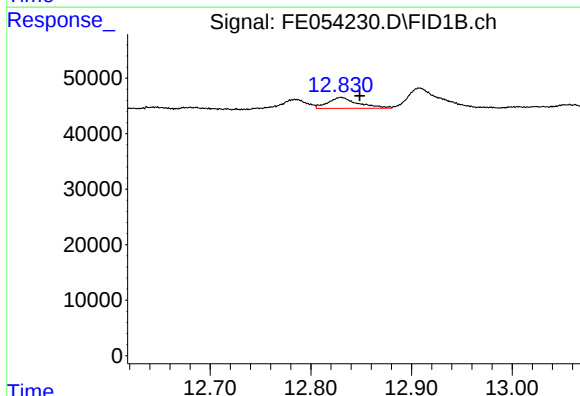
R.T.: 10.073 min
Delta R.T.: -0.017 min
Response: 33482
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N-EPH



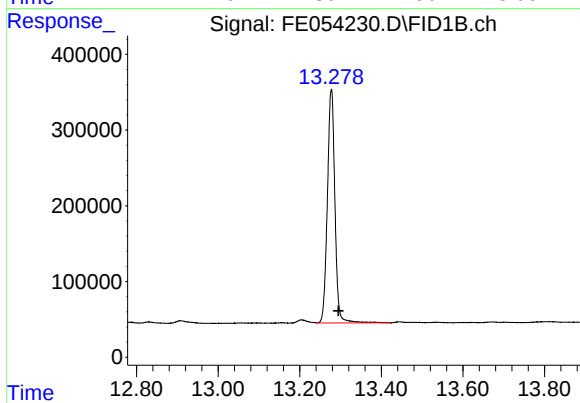
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.016 min
Response: 4941839
Conc: 30.41 ug/ml



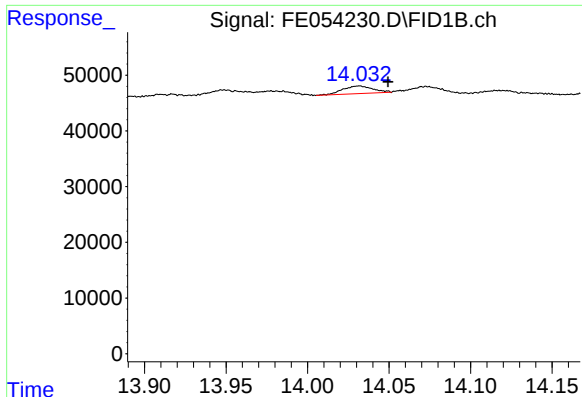
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.019 min
Response: 40625
Conc: 0.31 ug/ml



#12 1-chlorooctadecane (SURR)

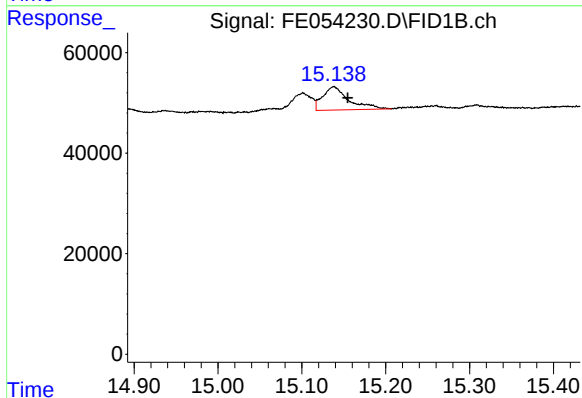
R.T.: 13.277 min
Delta R.T.: -0.017 min
Response: 3958051
Conc: 33.39 ug/ml



#13 n-Docosane (C22)

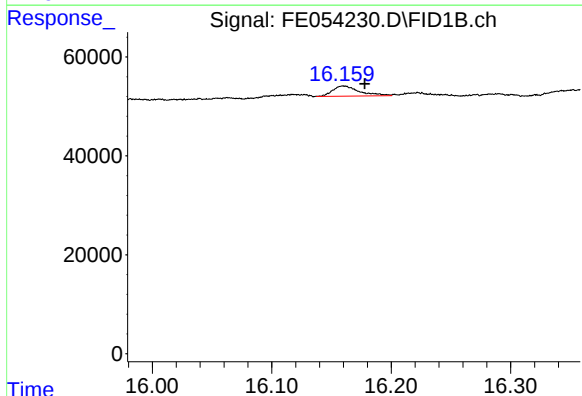
R.T.: 14.032 min
Delta R.T.: -0.018 min
Response: 17515
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N-EPH



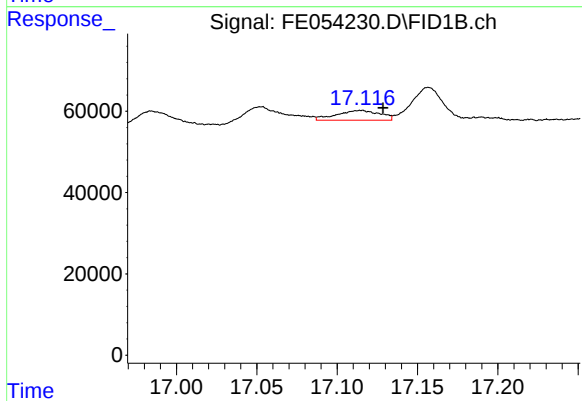
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 99317
Conc: 0.79 ug/ml



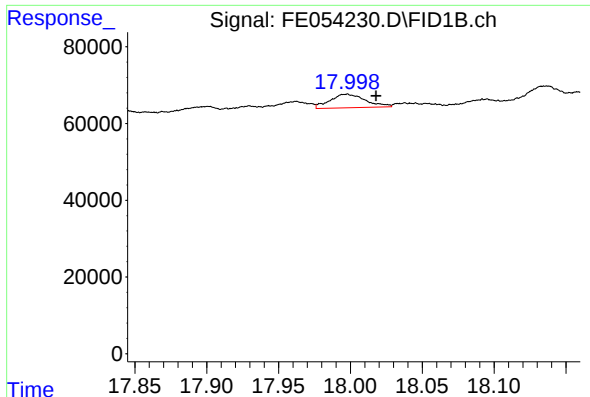
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.018 min
Response: 31988
Conc: 0.26 ug/ml



#16 n-Octacosane (C28)

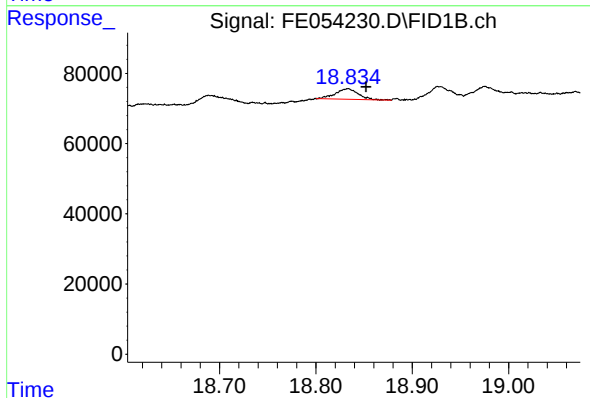
R.T.: 17.114 min
Delta R.T.: -0.014 min
Response: 45164
Conc: 0.37 ug/ml



#17 n-Tricontane (C30)

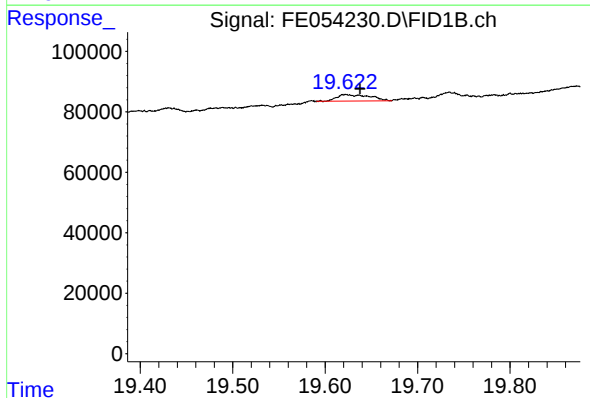
R.T.: 17.997 min
Delta R.T.: -0.021 min
Response: 61223
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N-EPH



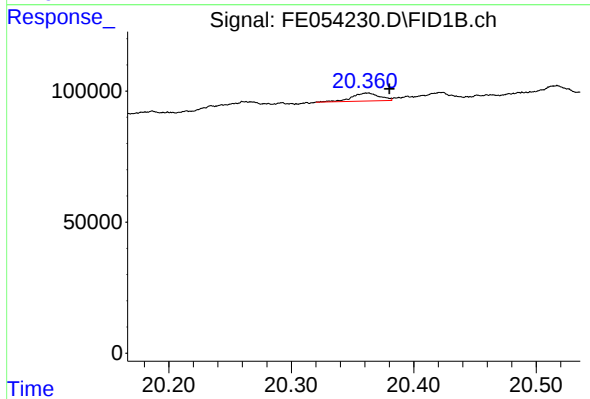
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.019 min
Response: 48744
Conc: 0.39 ug/ml



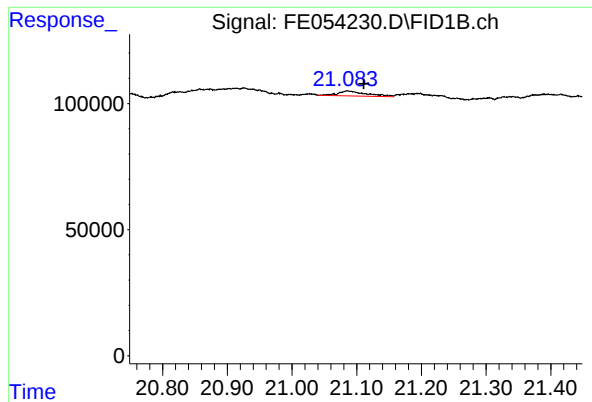
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.015 min
Response: 52238
Conc: 0.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.018 min
Response: 47040
Conc: 0.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.025 min
Response: 58958
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-N-EPH