

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054253.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 18:41
 Operator : YP\AJ
 Sample : Q2240-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1

Integration File: autoint1.e
 Quant Time: Jun 10 03:10:37 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)	11.841	4895388	30.123 ug/ml
Spiked Amount 50.000		Recovery =	60.25%
12) S 1-chlorooctadecane (S...	13.287	3985796	33.621 ug/ml
Spiked Amount 50.000		Recovery =	67.24%
Target Compounds			
7) T n-Hexadecane (C16)	10.078	43038	0.319 ug/ml
10) T n-Eicosane (C20)	12.834	113479	0.863 ug/ml
11) T n-Heneicosane (C21)	13.452	35770	0.276 ug/ml
13) T n-Docosane (C22)	14.042	64762	0.508 ug/ml
14) T n-Tetracosane (C24)	15.138	719827	5.753 ug/ml
15) T n-Hexacosane (C26)	16.175	44057	0.360 ug/ml
16) T n-Octacosane (C28)	17.155	150692	1.240 ug/ml
17) T n-Tricontane (C30)	18.013	80511	0.646 ug/ml
18) T n-Dotriacontane (C32)	18.841	133004	1.064 ug/ml
19) T n-Tetratriacontane (C34)	19.636	33943	0.285 ug/ml
20) T n-Hexatriacontane (C36)	20.345	29922	0.258 ug/ml
21) T n-Octatriacontane (C38)	21.161f	484794	4.455 ug/ml

(f)=RT Delta > 1/2 Window

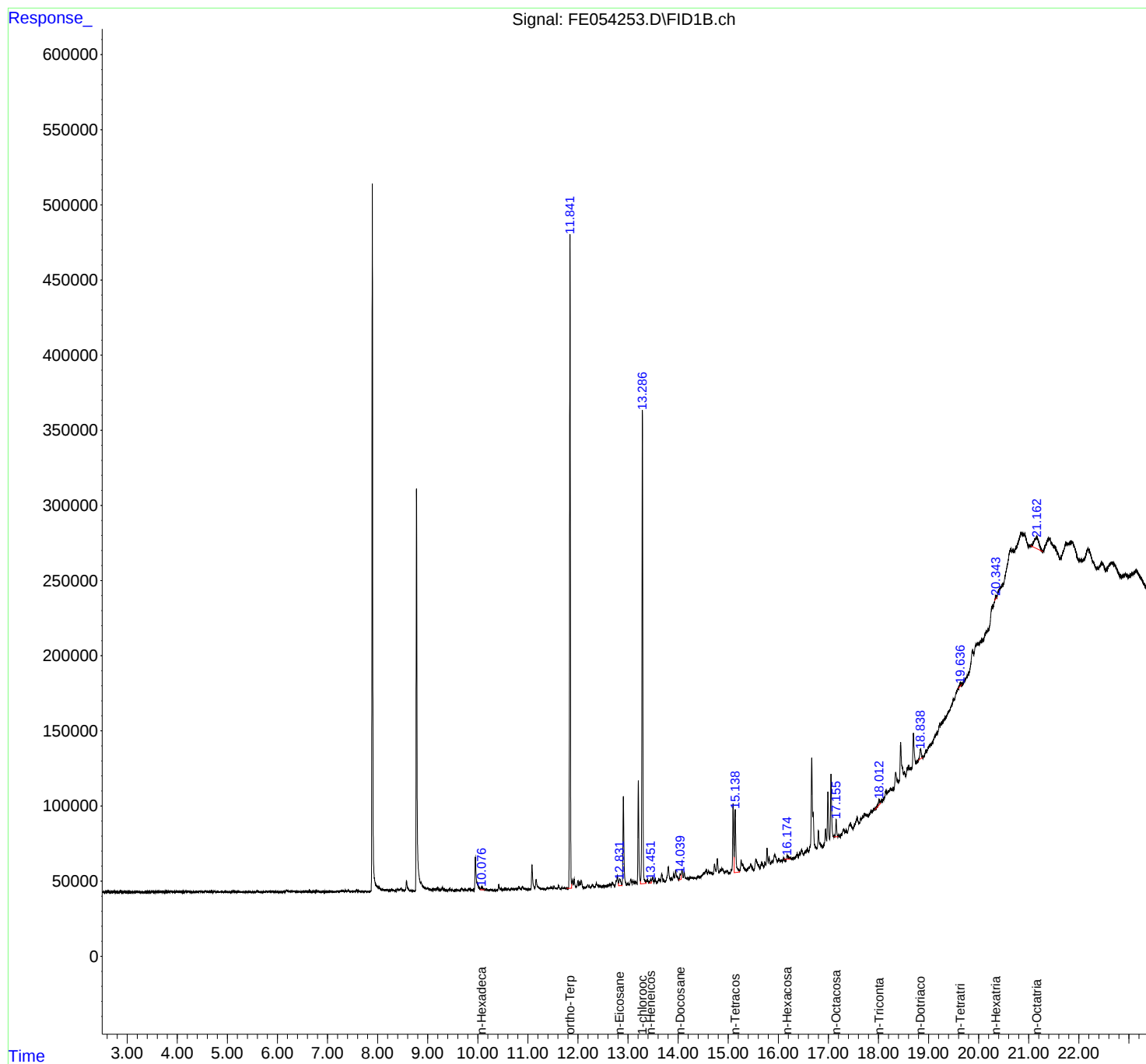
(m)=manual int.

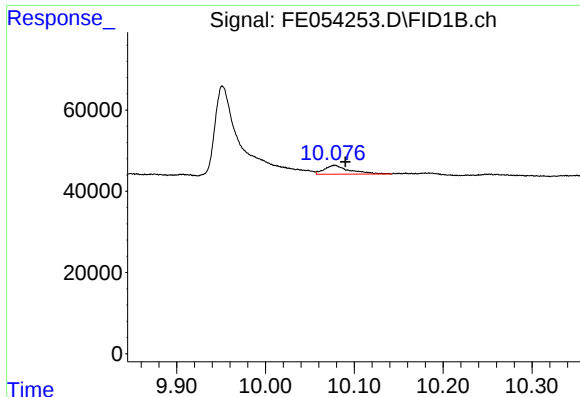
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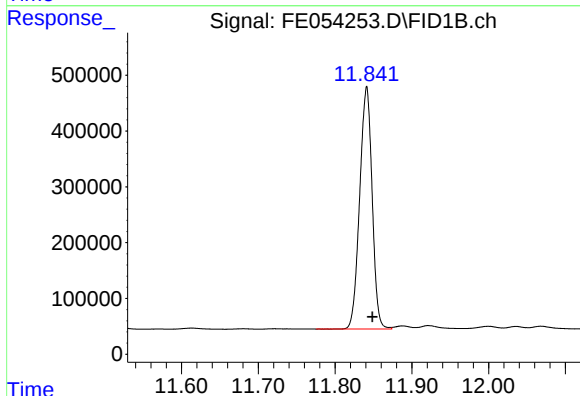




#7 n-Hexadecane (C16)

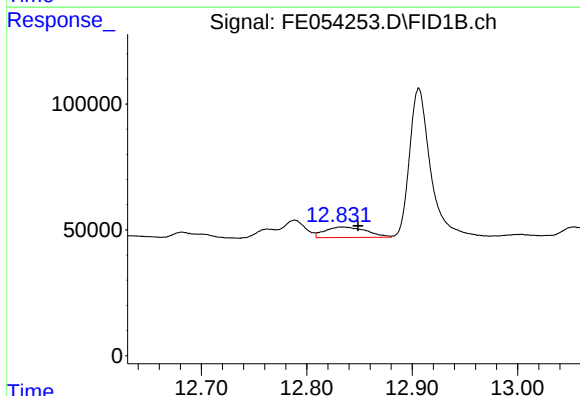
R.T.: 10.078 min
Delta R.T.: -0.012 min
Response: 43038
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



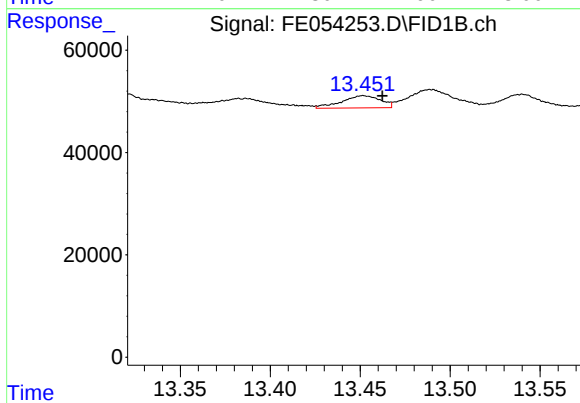
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.008 min
Response: 489538
Conc: 30.12 ug/ml



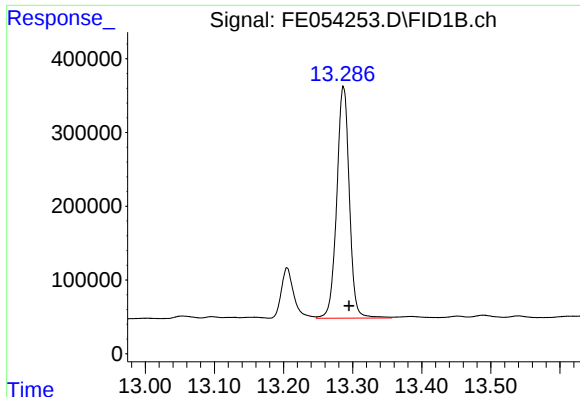
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.015 min
Response: 113479
Conc: 0.86 ug/ml



#11 n-Heneicosane (C21)

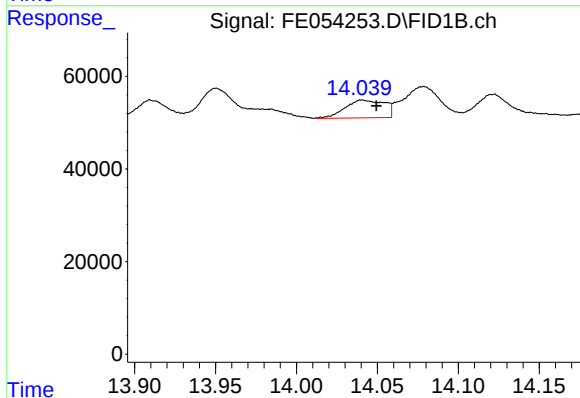
R.T.: 13.452 min
Delta R.T.: -0.010 min
Response: 35770
Conc: 0.28 ug/ml



#12 1-chlorooctadecane (SURR)

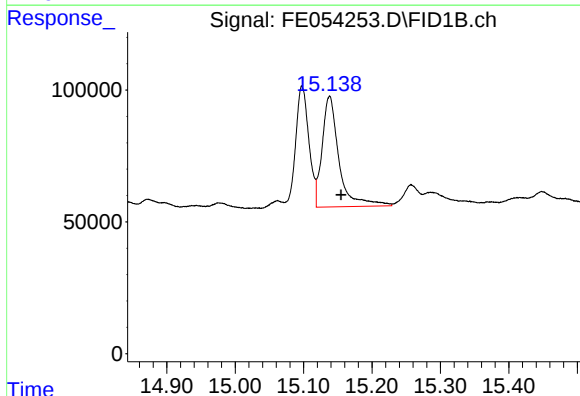
R.T.: 13.287 min
Delta R.T.: -0.008 min
Response: 3985796
Conc: 33.62 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



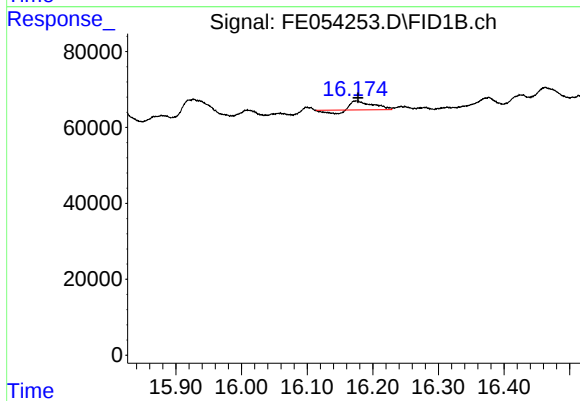
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.008 min
Response: 64762
Conc: 0.51 ug/ml



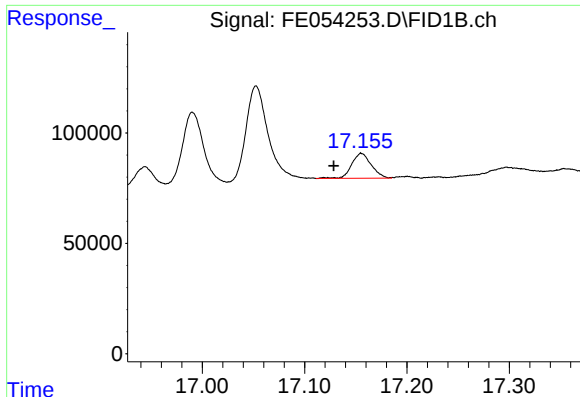
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.017 min
Response: 719827
Conc: 5.75 ug/ml



#15 n-Hexacosane (C26)

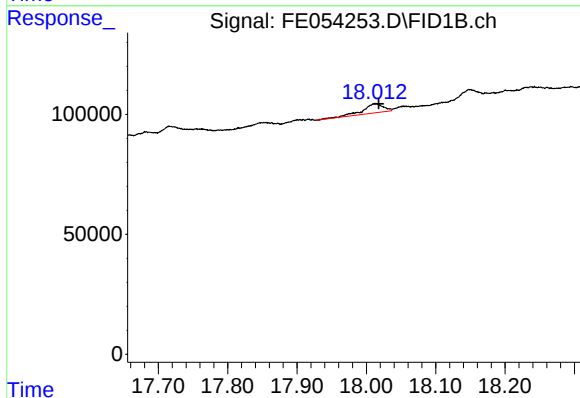
R.T.: 16.175 min
Delta R.T.: -0.003 min
Response: 44057
Conc: 0.36 ug/ml



#16 n-Octacosane (C28)

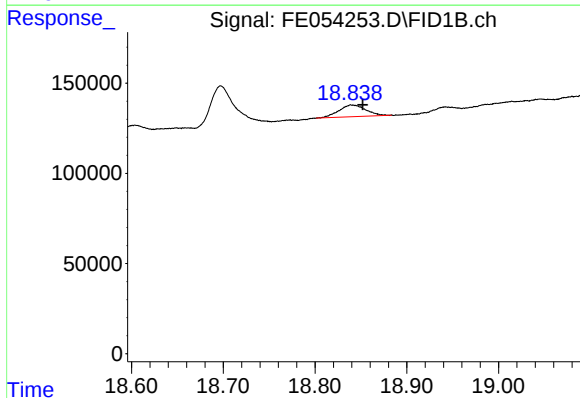
R.T.: 17.155 min
Delta R.T.: 0.027 min
Response: 150692
Conc: 1.24 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



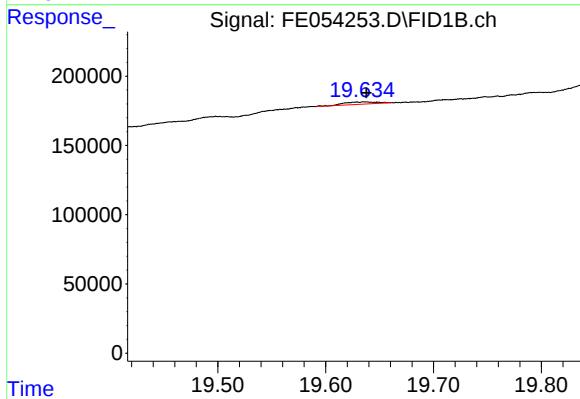
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 80511
Conc: 0.65 ug/ml



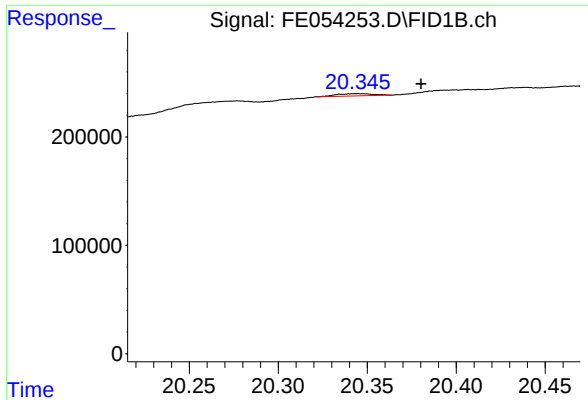
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.012 min
Response: 133004
Conc: 1.06 ug/ml



#19 n-Tetratriacontane (C34)

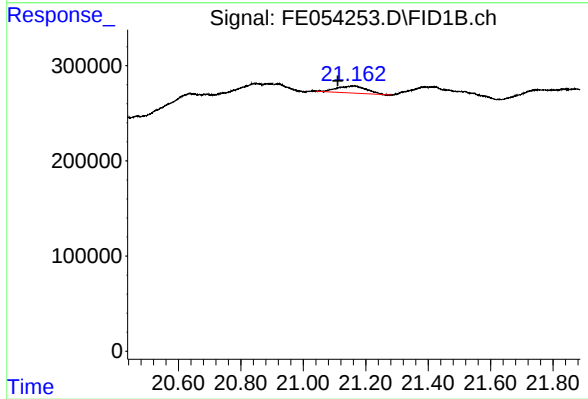
R.T.: 19.636 min
Delta R.T.: -0.001 min
Response: 33943
Conc: 0.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.035 min
Response: 29922
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.051 min
Response: 484794
Conc: 4.45 ug/ml