

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054258.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 21:11
 Operator : YP\AJ
 Sample : Q2260-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP10-MHG-EPH

Integration File: autoint1.e
 Quant Time: Jun 10 03:12:13 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	7476325	46.005 ug/ml
Spiked Amount 50.000		Recovery =	92.01%
12) S 1-chlorooctadecane (S...	13.286	6106597	51.511 ug/ml
Spiked Amount 50.000		Recovery =	103.02%
Target Compounds			
7) T n-Hexadecane (C16)	10.076	52524	0.389 ug/ml
8) T n-Octadecane (C18)	11.524	19564	0.145 ug/ml
10) T n-Eicosane (C20)	12.836	46139	0.351 ug/ml
11) T n-Heneicosane (C21)	13.451	16700	0.129 ug/ml
13) T n-Docosane (C22)	14.039	27925	0.219 ug/ml
14) T n-Tetracosane (C24)	15.143	149162	1.192 ug/ml
15) T n-Hexacosane (C26)	16.167	67809	0.554 ug/ml
16) T n-Octacosane (C28)	17.123	79092	0.651 ug/ml
17) T n-Tricontane (C30)	18.007	88608	0.711 ug/ml
18) T n-Dotriacontane (C32)	18.844	86684	0.693 ug/ml
19) T n-Tetratriacontane (C34)	19.648	65813	0.552 ug/ml
20) T n-Hexatriacontane (C36)	20.374	39486	0.341 ug/ml
21) T n-Octatriacontane (C38)	21.103	41753	0.384 ug/ml

(f)=RT Delta > 1/2 Window

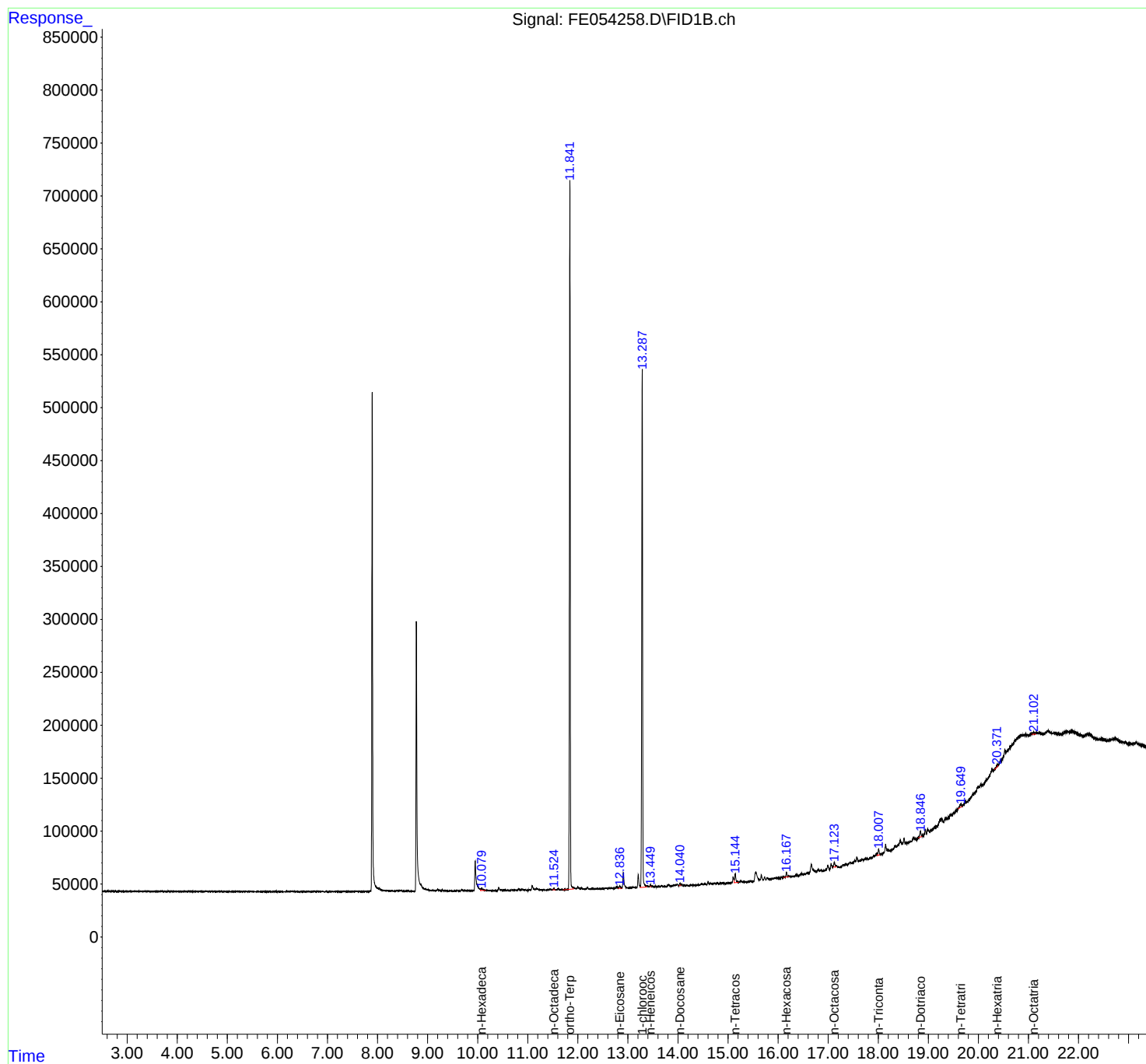
(m)=manual int.

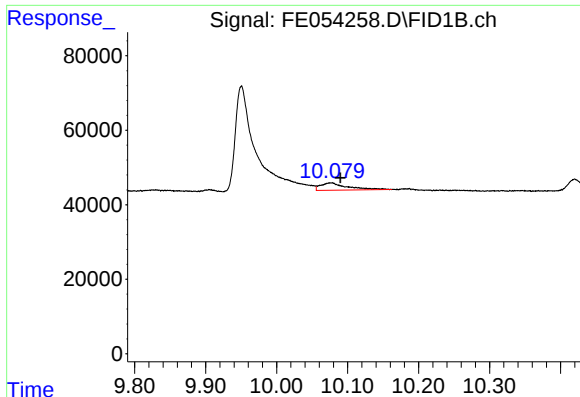
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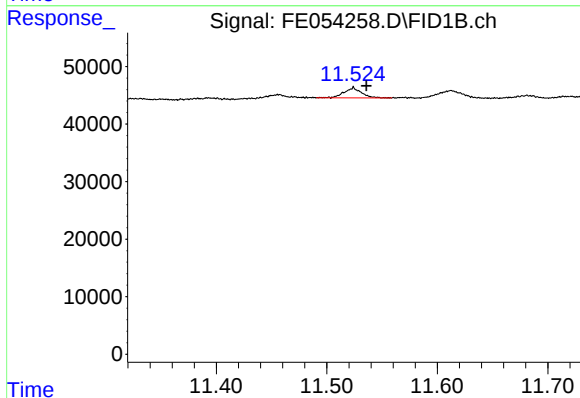




#7 n-Hexadecane (C16)

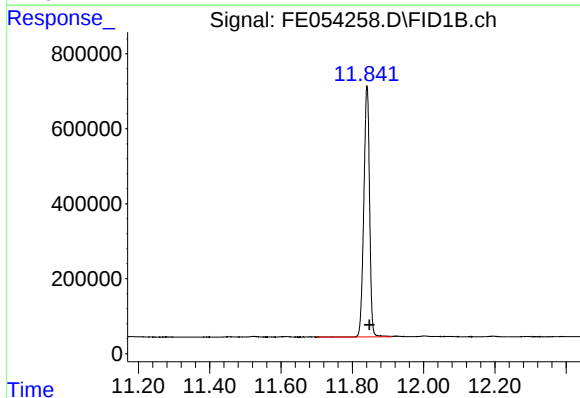
R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 52524
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :
TP10-MHG-EPH



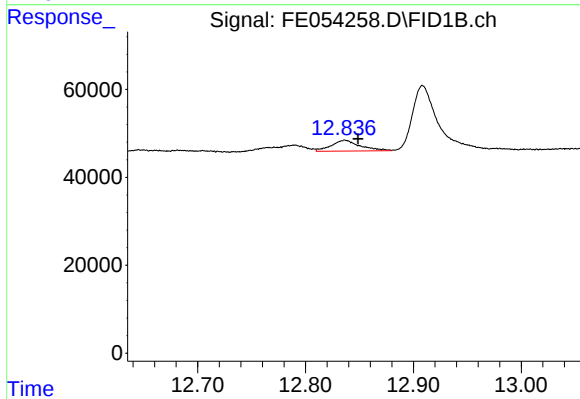
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.012 min
Response: 19564
Conc: 0.15 ug/ml



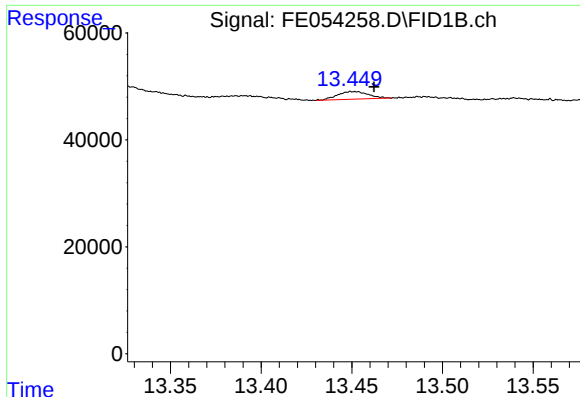
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 7476325
Conc: 46.00 ug/ml



#10 n-Eicosane (C20)

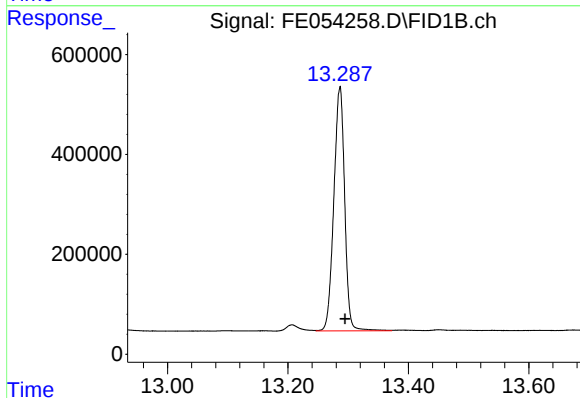
R.T.: 12.836 min
Delta R.T.: -0.012 min
Response: 46139
Conc: 0.35 ug/ml



#11 n-Heneicosane (C21)

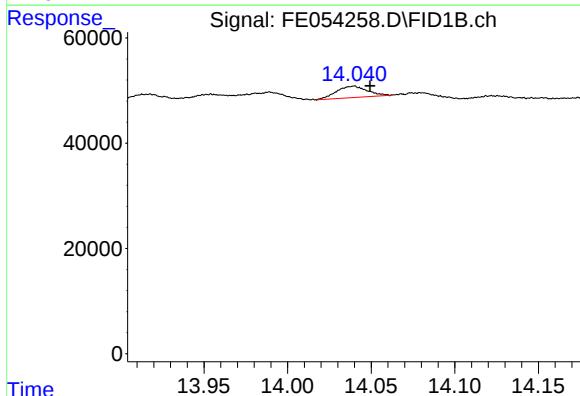
R.T.: 13.451 min
Delta R.T.: -0.011 min
Response: 16700
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :
TP10-MHG-EPH



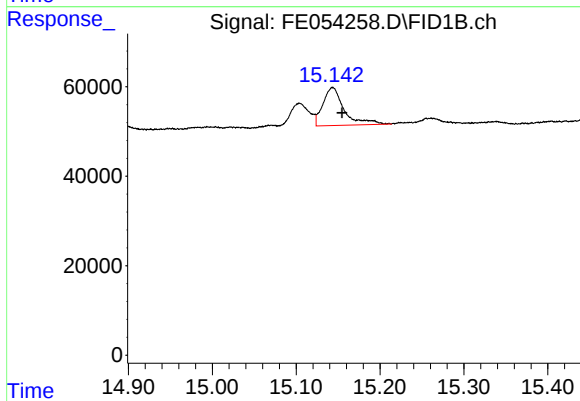
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.008 min
Response: 6106597
Conc: 51.51 ug/ml



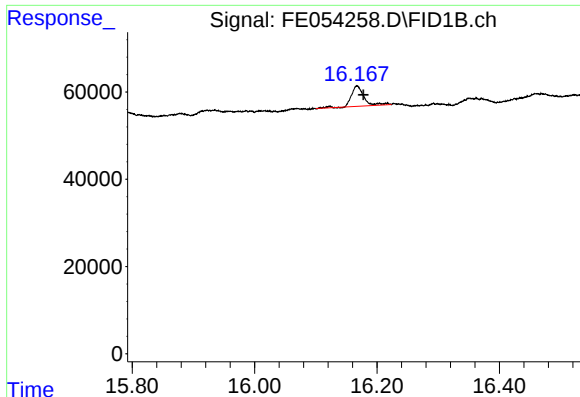
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 27925
Conc: 0.22 ug/ml



#14 n-Tetracosane (C24)

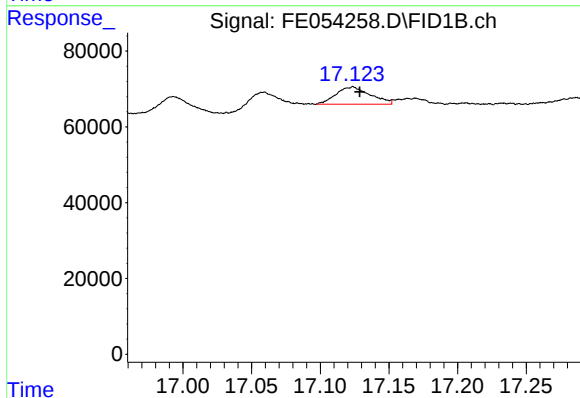
R.T.: 15.143 min
Delta R.T.: -0.011 min
Response: 149162
Conc: 1.19 ug/ml



#15 n-Hexacosane (C26)

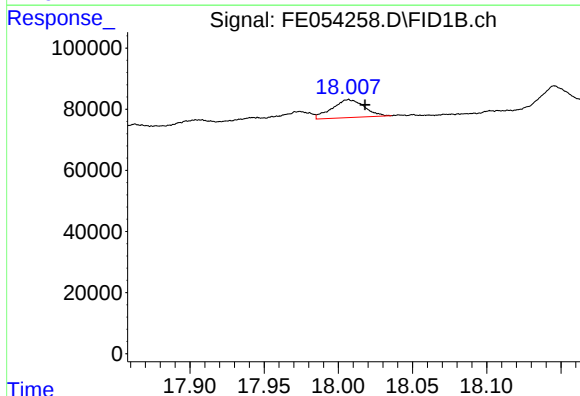
R.T.: 16.167 min
Delta R.T.: -0.010 min
Response: 67809
Conc: 0.55 ug/ml

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ClientSampleId :
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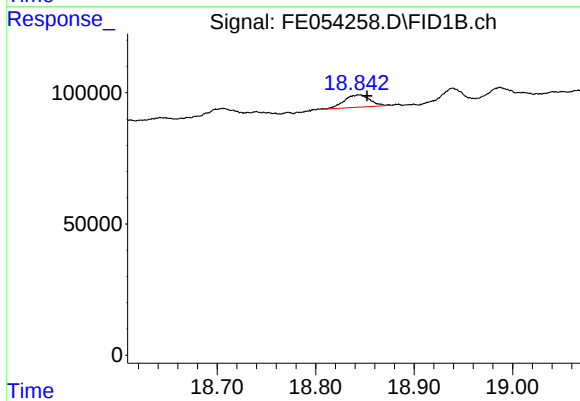
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 79092
Conc: 0.65 ug/ml



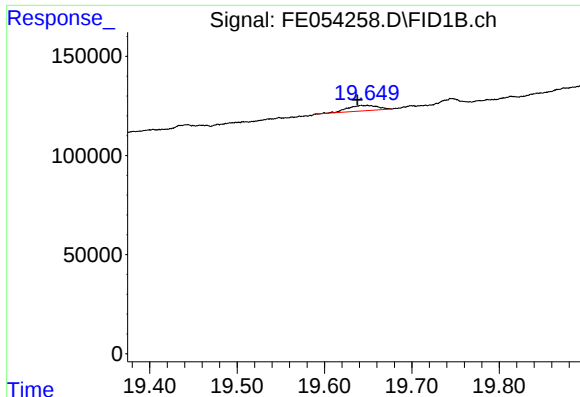
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.011 min
Response: 88608
Conc: 0.71 ug/ml



#18 n-Dotriacontane (C32)

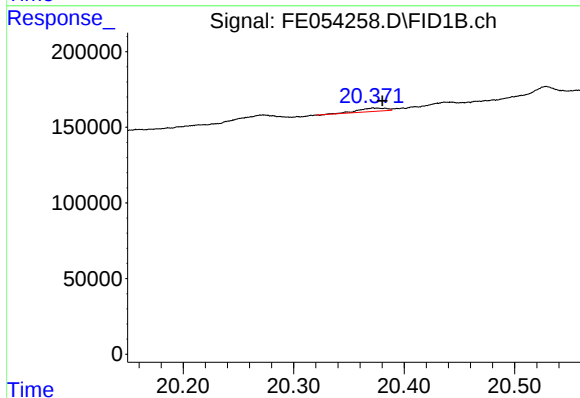
R.T.: 18.844 min
Delta R.T.: -0.008 min
Response: 86684
Conc: 0.69 ug/ml



#19 n-Tetratriacontane (C34)

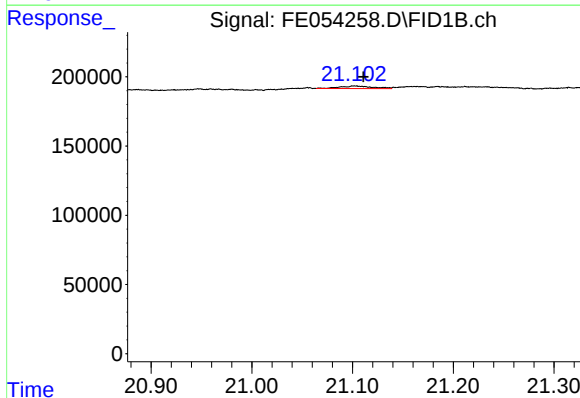
R.T.: 19.648 min
Delta R.T.: 0.010 min
Response: 65813
Conc: 0.55 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.007 min
Response: 39486
Conc: 0.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 41753
Conc: 0.38 ug/ml