

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060625AL\
 Data File : FE054232.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 22:25
 Operator : YP\AJ
 Sample : Q2241-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-S-EPH

Integration File: autoint1.e
 Quant Time: Jun 07 00:57:57 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	5669159	34.885 ug/ml
Spiked Amount 50.000		Recovery =	69.77%
12) S 1-chlorooctadecane (S...	13.278	4509622	38.040 ug/ml
Spiked Amount 50.000		Recovery =	76.08%
Target Compounds			
10) T n-Eicosane (C20)	12.912f	64596	0.491 ug/ml
11) T n-Heneicosane (C21)	13.445	8137	0.063 ug/ml
13) T n-Docosane (C22)	14.031	20835	0.163 ug/ml
14) T n-Tetracosane (C24)	15.137	41952	0.335 ug/ml
15) T n-Hexacosane (C26)	16.160	64842	0.530 ug/ml
16) T n-Octacosane (C28)	17.116	92178	0.758 ug/ml
17) T n-Tricontane (C30)	17.999	207323	1.664 ug/ml
18) T n-Dotriacontane (C32)	18.831	79150	0.633 ug/ml
19) T n-Tetratriacontane (C34)	19.638	64850	0.544 ug/ml
20) T n-Hexatriacontane (C36)	20.360	43252	0.374 ug/ml

(f)=RT Delta > 1/2 Window

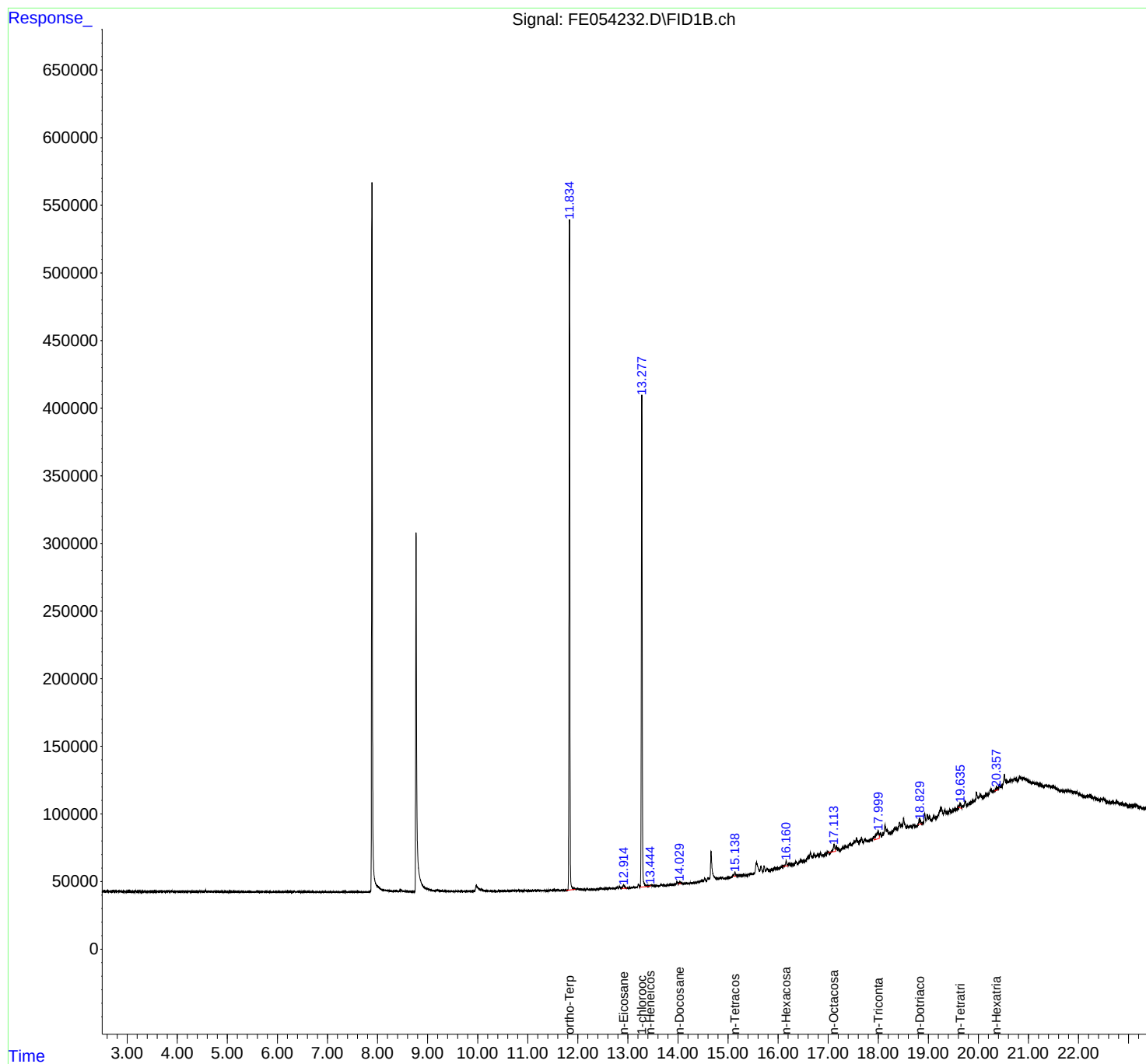
(m)=manual int.

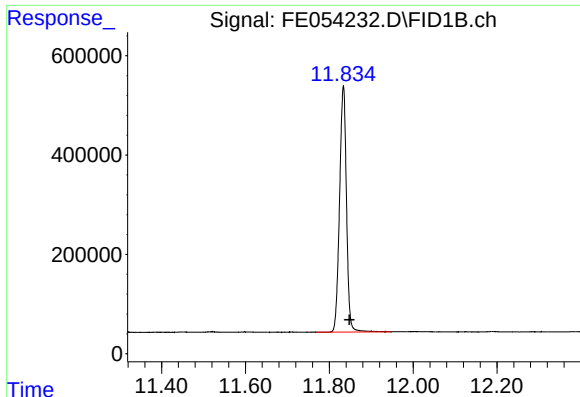
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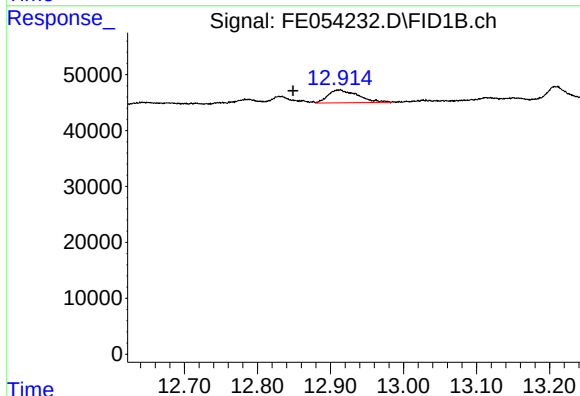




#9 ortho-Terphenyl (SURR)

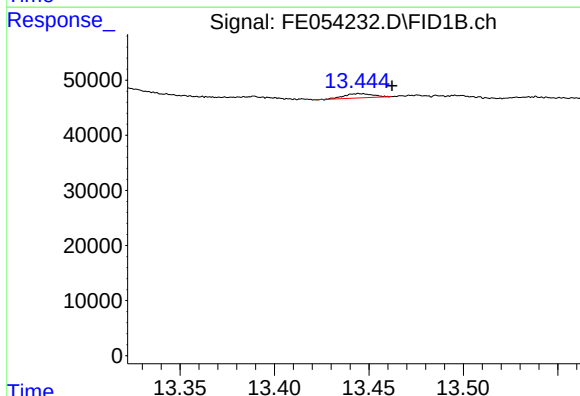
R.T.: 11.833 min
Delta R.T.: -0.015 min
Response: 5669159
Conc: 34.88 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-S-EPH



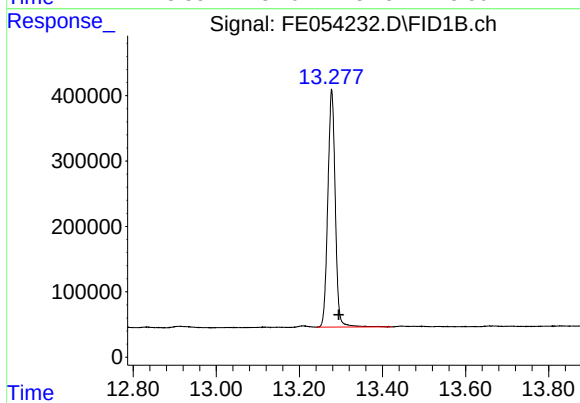
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.063 min
Response: 64596
Conc: 0.49 ug/ml



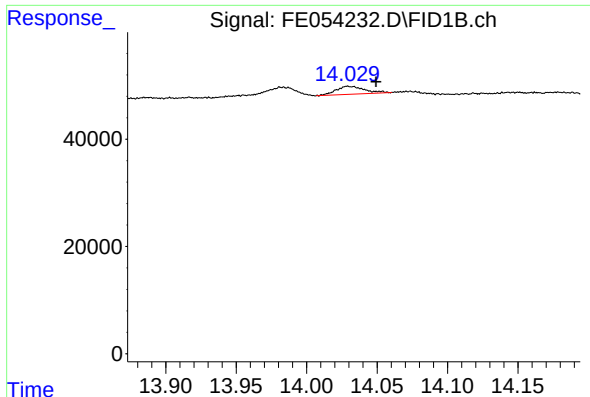
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.017 min
Response: 8137
Conc: 0.06 ug/ml



#12 1-chlorooctadecane (SURR)

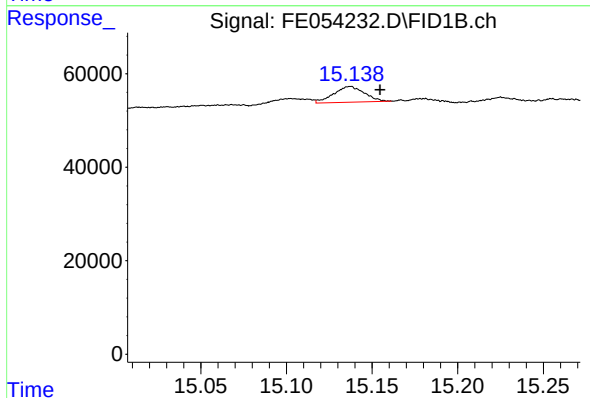
R.T.: 13.278 min
Delta R.T.: -0.017 min
Response: 4509622
Conc: 38.04 ug/ml



#13 n-Docosane (C22)

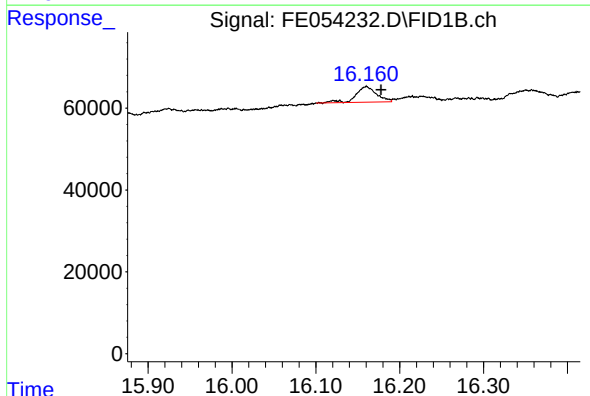
R.T.: 14.031 min
Delta R.T.: -0.019 min
Response: 20835
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-S-EPH



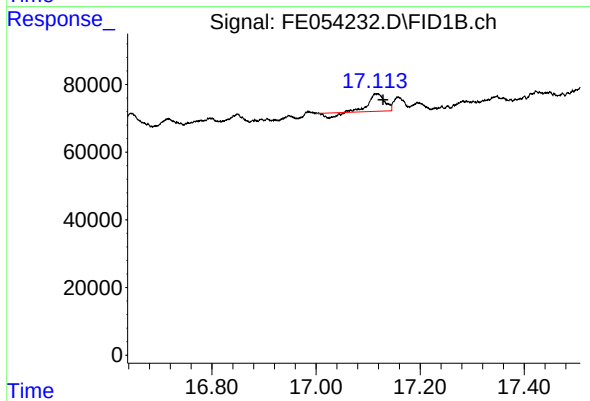
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.018 min
Response: 41952
Conc: 0.34 ug/ml



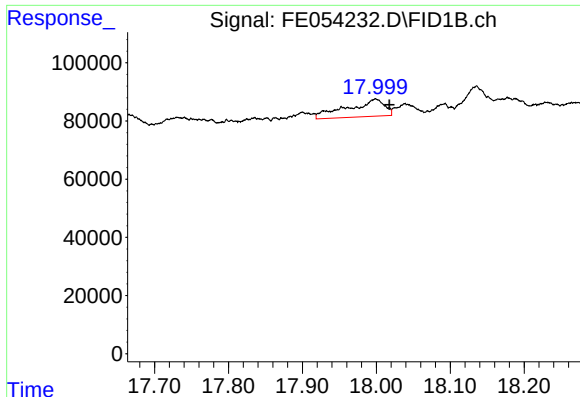
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.018 min
Response: 64842
Conc: 0.53 ug/ml



#16 n-Octacosane (C28)

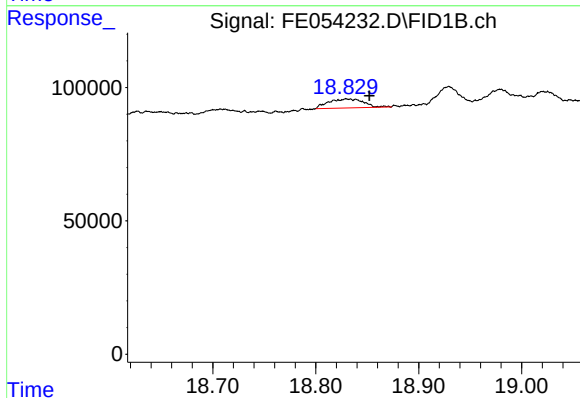
R.T.: 17.116 min
Delta R.T.: -0.012 min
Response: 92178
Conc: 0.76 ug/ml



#17 n-Tricontane (C30)

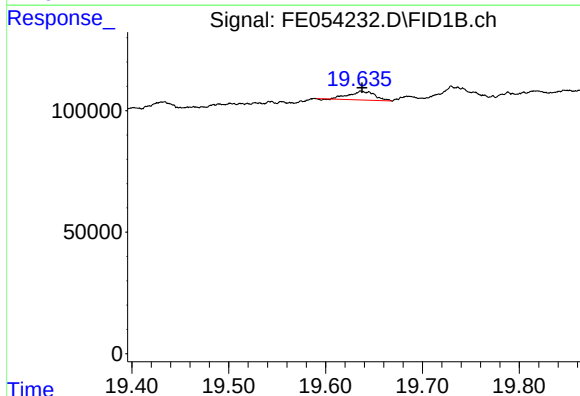
R.T.: 17.999 min
Delta R.T.: -0.019 min
Response: 207323
Conc: 1.66 ug/ml

Instrument :
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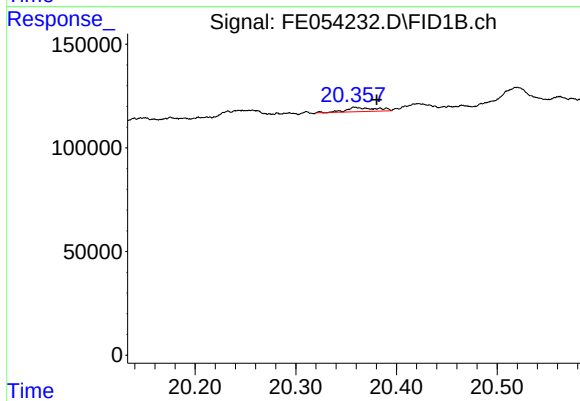
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.021 min
Response: 79150
Conc: 0.63 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 64850
Conc: 0.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.021 min
Response: 43252
Conc: 0.37 ug/ml