

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054576.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 15:47
 Operator : YP\AJ
 Sample : Q2399-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-13

Integration File: autoint1.e
 Quant Time: Jun 26 02:32:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	4878802	29.526 ug/ml
Spiked Amount 50.000		Recovery =	59.05%
12) S 1-chlorooctadecane (S...	13.270	3715267	30.466 ug/ml
Spiked Amount 50.000		Recovery =	60.93%
Target Compounds			
6) T n-Tetradecane (C14)	8.451	144291	1.115 ug/ml
7) T n-Hexadecane (C16)	10.063	110345	0.831 ug/ml
8) T n-Octadecane (C18)	11.509	132575	0.982 ug/ml
10) T n-Eicosane (C20)	12.821	104734	0.783 ug/ml
11) T n-Heneicosane (C21)	13.436	72305	0.544 ug/ml
13) T n-Docosane (C22)	14.022	61131	0.466 ug/ml
14) T n-Tetracosane (C24)	15.130	86119	0.668 ug/ml
15) T n-Hexacosane (C26)	16.152	31849	0.254 ug/ml
16) T n-Octacosane (C28)	17.109	58874	0.480 ug/ml
17) T n-Tricontane (C30)	17.990	42873	0.346 ug/ml
18) T n-Dotriacontane (C32)	18.828	62555	0.498 ug/ml
19) T n-Tetratriacontane (C34)	19.625	49591	0.399 ug/ml
20) T n-Hexatriacontane (C36)	20.418f	45907	0.357 ug/ml

(f)=RT Delta > 1/2 Window

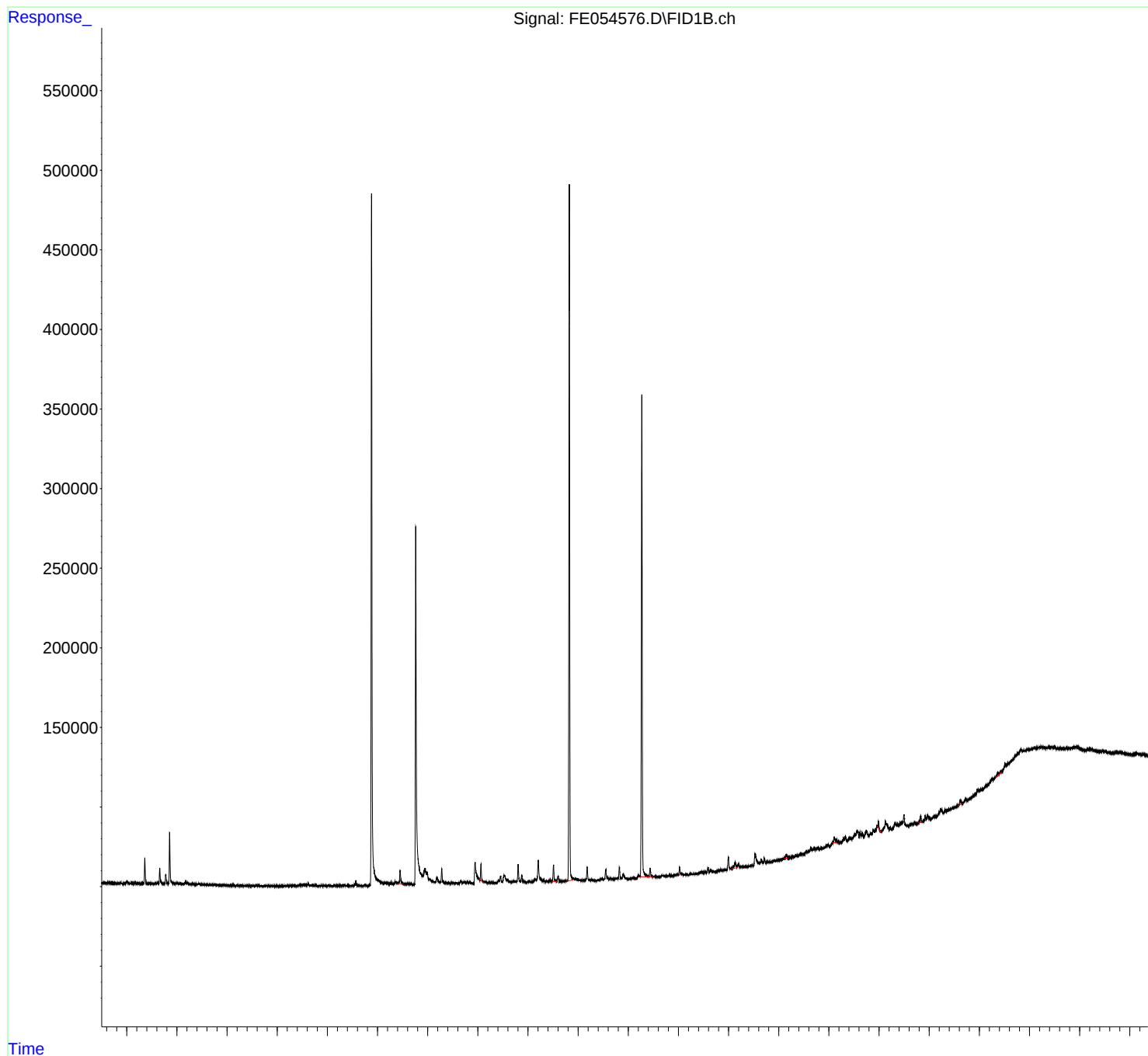
(m)=manual int.

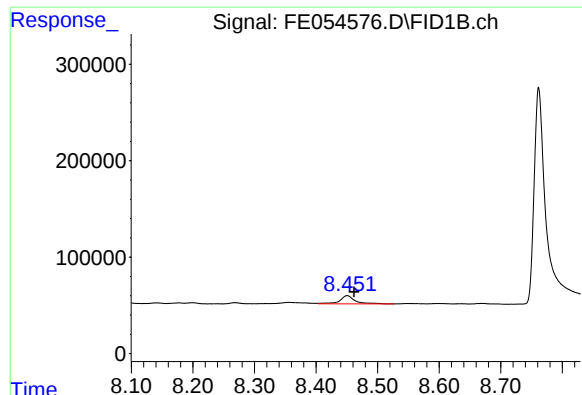
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

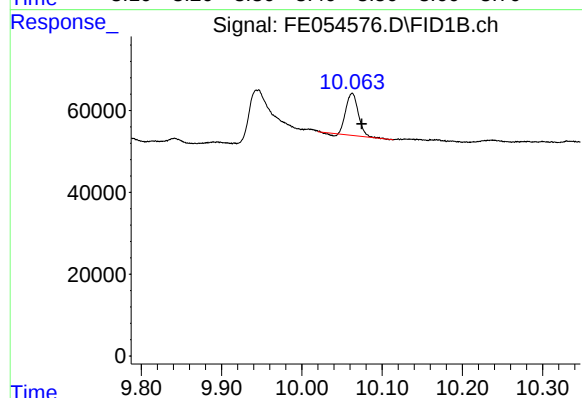




#6 n-Tetradecane (C14)

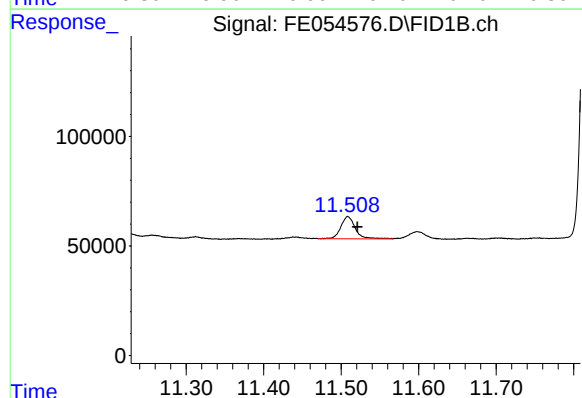
R.T.: 8.451 min
Delta R.T.: -0.011 min
Response: 144291
Conc: 1.11 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13



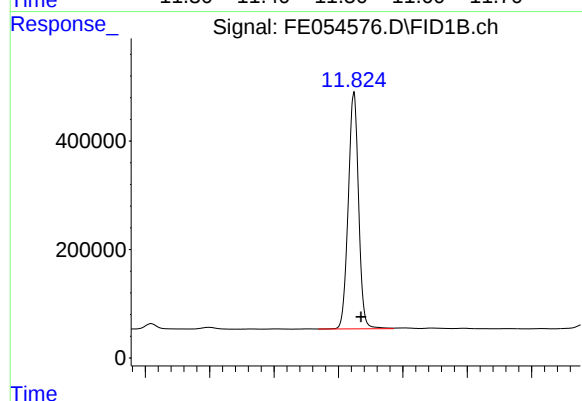
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.012 min
Response: 110345
Conc: 0.83 ug/ml



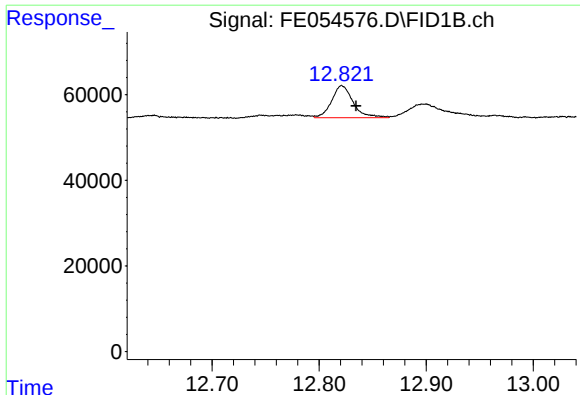
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 132575
Conc: 0.98 ug/ml



#9 ortho-Terphenyl (SURR)

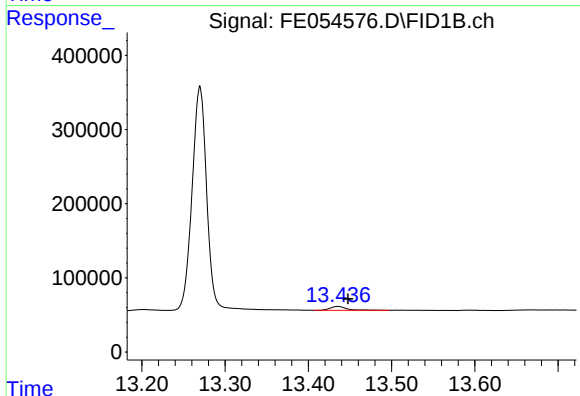
R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 4878802
Conc: 29.53 ug/ml



#10 n-Eicosane (C20)

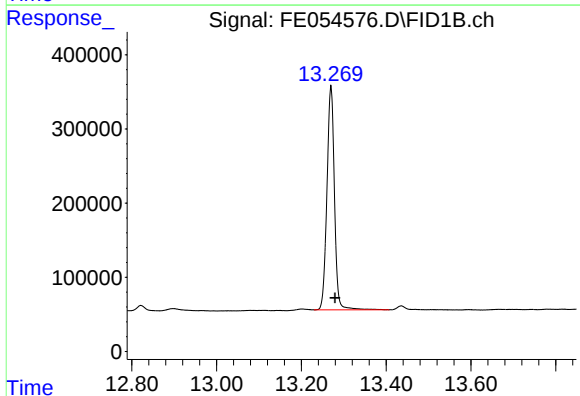
R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 104734
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13



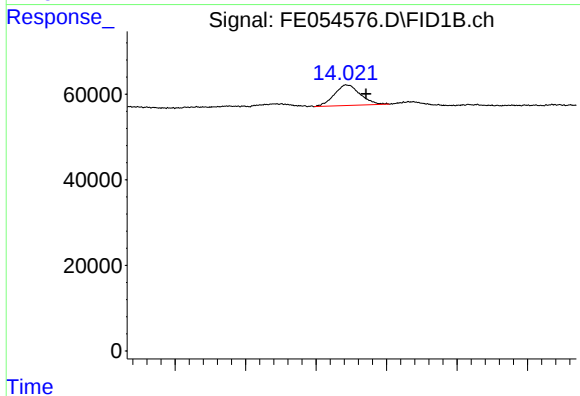
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 72305
Conc: 0.54 ug/ml



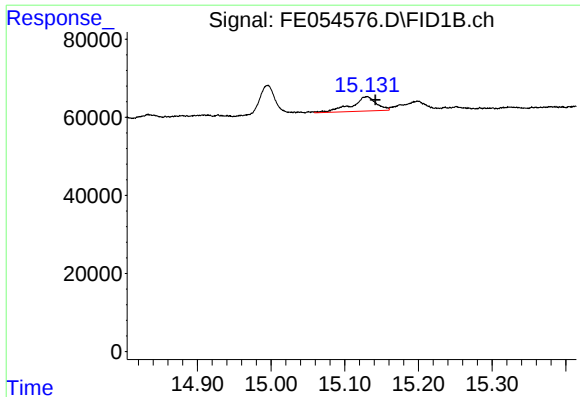
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 3715267
Conc: 30.47 ug/ml



#13 n-Docosane (C22)

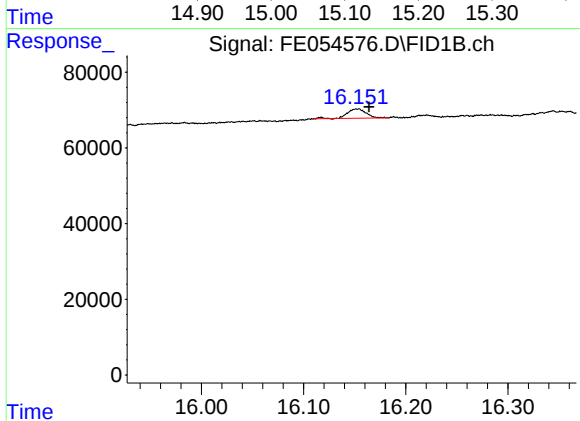
R.T.: 14.022 min
Delta R.T.: -0.013 min
Response: 61131
Conc: 0.47 ug/ml



#14 n-Tetracosane (C24)

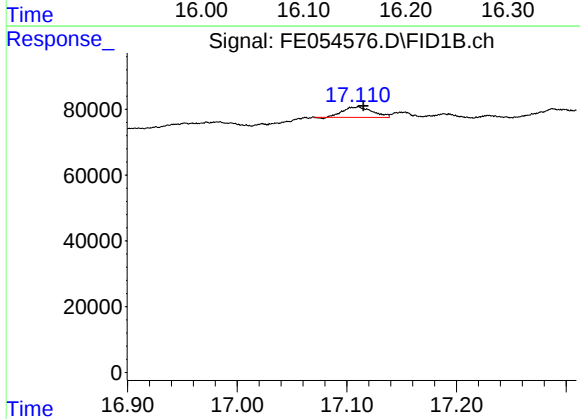
R.T.: 15.130 min
Delta R.T.: -0.012 min
Response: 86119
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13



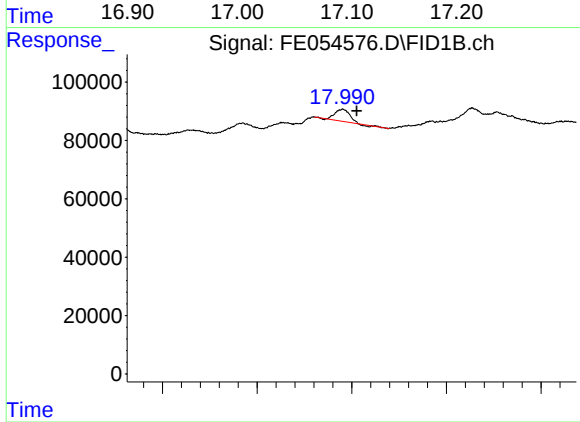
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 31849
Conc: 0.25 ug/ml



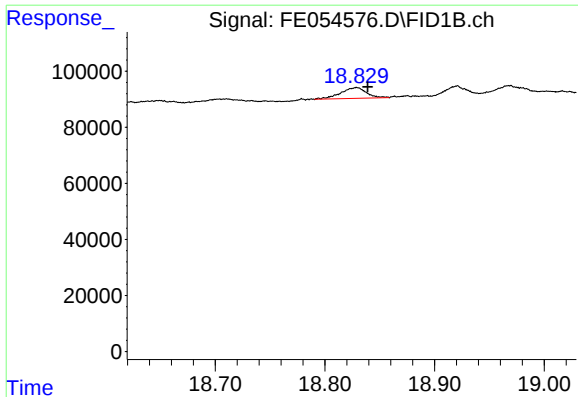
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.006 min
Response: 58874
Conc: 0.48 ug/ml



#17 n-Tricontane (C30)

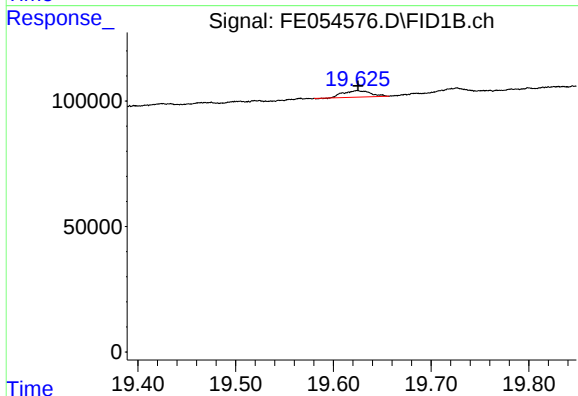
R.T.: 17.990 min
Delta R.T.: -0.015 min
Response: 42873
Conc: 0.35 ug/ml



#18 n-Dotriacontane (C32)

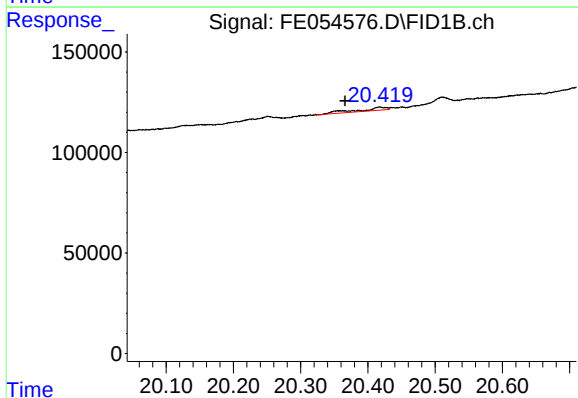
R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 62555
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-13



#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: 0.000 min
Response: 49591
Conc: 0.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: 0.051 min
Response: 45907
Conc: 0.36 ug/ml