

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054475.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 09:09
 Operator : YP\AJ
 Sample : Q2337-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-061625DL

Integration File: autoint1.e
 Quant Time: Jun 19 01:33:13 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)	11.822	1152633	6.976 ug/ml
Spiked Amount 50.000		Recovery =	13.95%
12) S 1-chlorooctadecane (S...	13.267	909887	7.461 ug/ml
Spiked Amount 50.000		Recovery =	14.92%
Target Compounds			
10) T n-Eicosane (C20)	12.821	36389	0.272 ug/ml
13) T n-Docosane (C22)	14.064	28403	0.217 ug/ml
14) T n-Tetracosane (C24)	15.129	200648	1.555 ug/ml
16) T n-Octacosane (C28)	17.148	23710	0.193 ug/ml
17) T n-Tricontane (C30)	17.988	40016	0.323 ug/ml
18) T n-Dotriacontane (C32)	18.827	70336	0.560 ug/ml
19) T n-Tetratriacontane (C34)	19.628	72832	0.585 ug/ml
20) T n-Hexatriacontane (C36)	20.354	34517	0.268 ug/ml

(f)=RT Delta > 1/2 Window

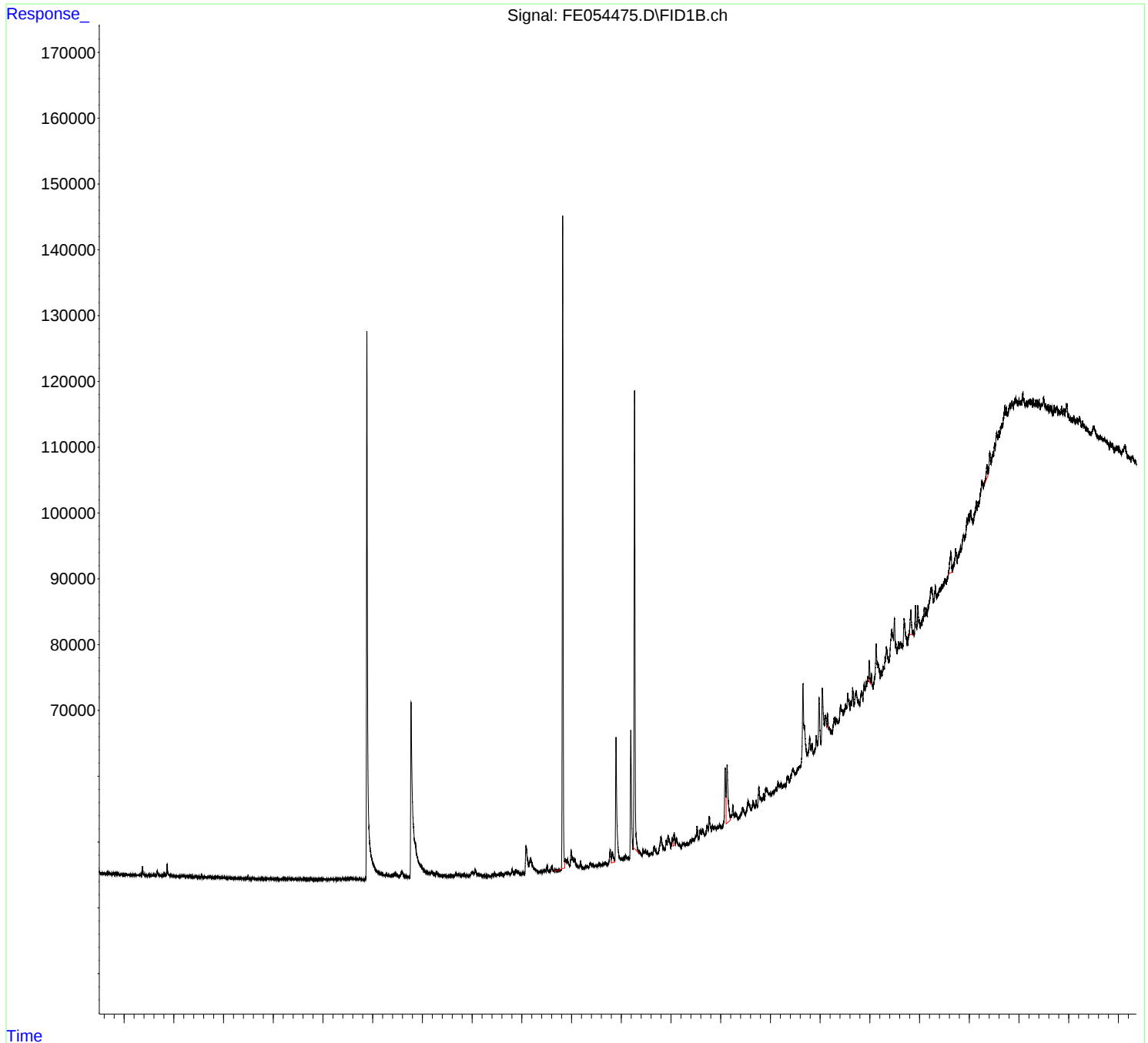
(m)=manual int.

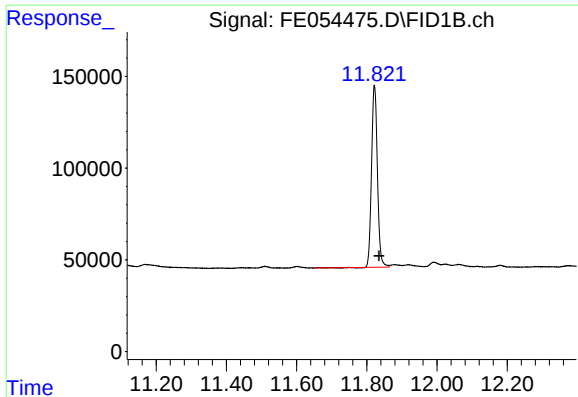
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

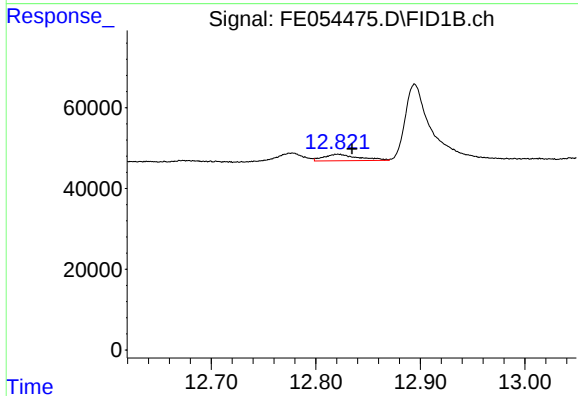




#9 ortho-Terphenyl (SURR)

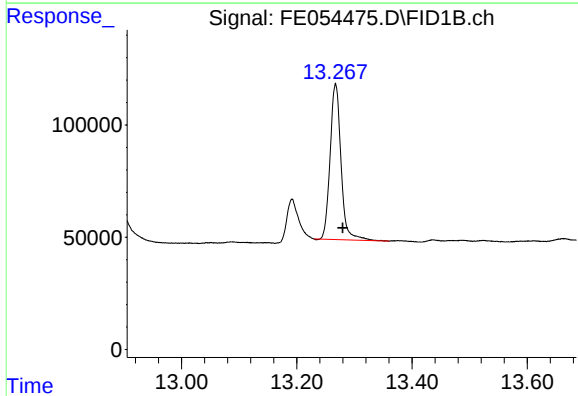
R.T.: 11.822 min
Delta R.T.: -0.013 min
Response: 1152633
Conc: 6.98 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-061625DL



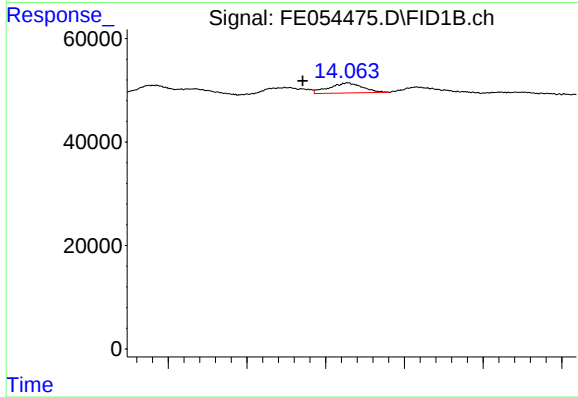
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 36389
Conc: 0.27 ug/ml



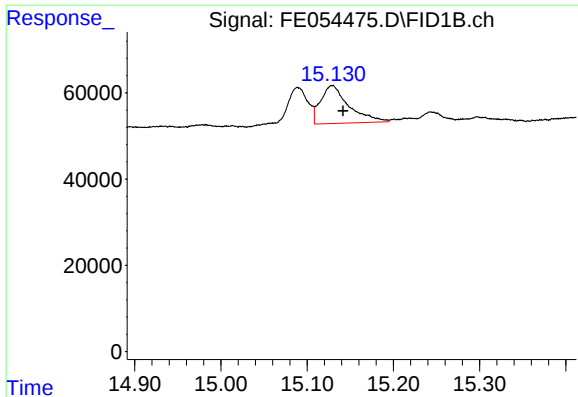
#12 1-chlorooctadecane (SURR)

R.T.: 13.267 min
Delta R.T.: -0.012 min
Response: 909887
Conc: 7.46 ug/ml



#13 n-Docosane (C22)

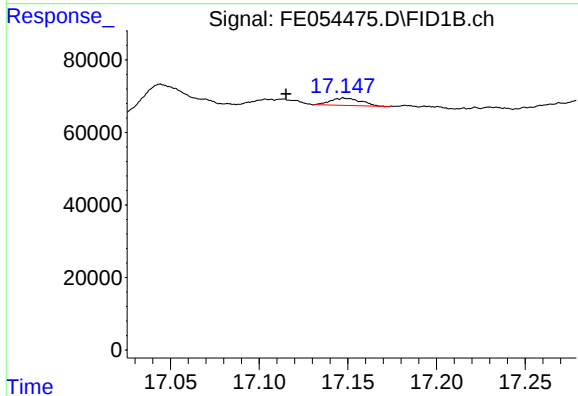
R.T.: 14.064 min
Delta R.T.: 0.029 min
Response: 28403
Conc: 0.22 ug/ml



#14 n-Tetracosane (C24)

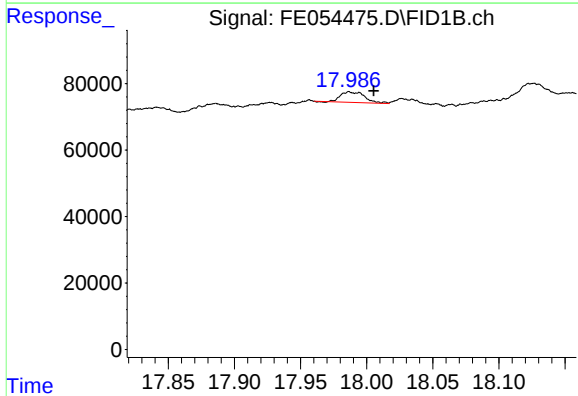
R.T.: 15.129 min
Delta R.T.: -0.012 min
Response: 200648
Conc: 1.56 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-061625DL



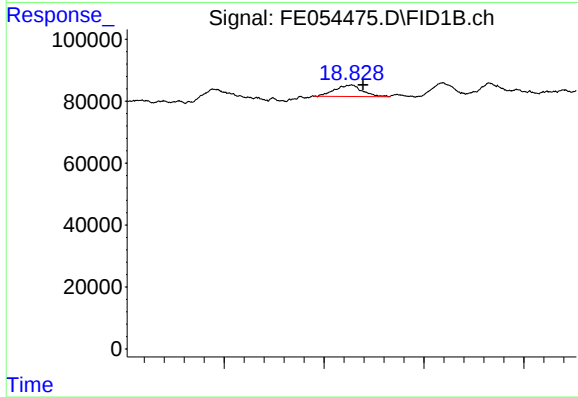
#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: 0.033 min
Response: 23710
Conc: 0.19 ug/ml



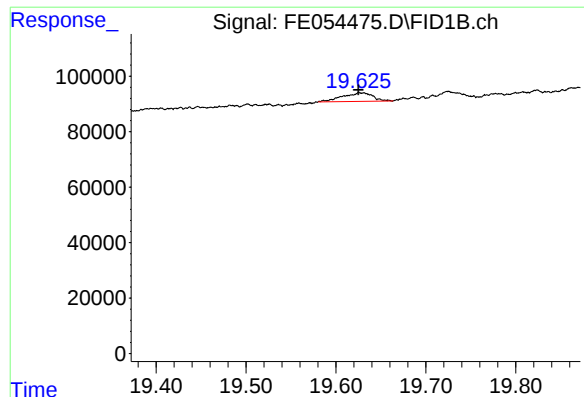
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.018 min
Response: 40016
Conc: 0.32 ug/ml



#18 n-Dotriacontane (C32)

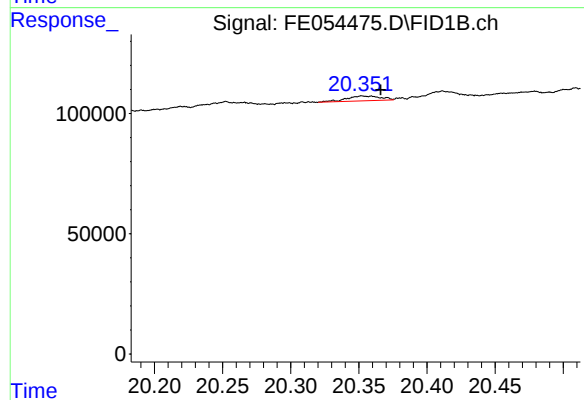
R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 70336
Conc: 0.56 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: 0.003 min
Response: 72832
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-061625DL



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.013 min
Response: 34517
Conc: 0.27 ug/ml