

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062425AL\
 Data File : FE054563.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2025 09:35
 Operator : YP\AJ
 Sample : Q2381-02DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 291431-E2DL

Integration File: autoint1.e
 Quant Time: Jun 25 02:11:57 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)	11.821	616320	3.730 ug/ml
Spiked Amount 50.000		Recovery =	7.46%
12) S 1-chlorooctadecane (S...	13.266	442873	3.632 ug/ml
Spiked Amount 50.000		Recovery =	7.26%
Target Compounds			
6) T n-Tetradecane (C14)	8.453	100186	0.774 ug/ml
10) T n-Eicosane (C20)	12.898f	193362	1.445 ug/ml
14) T n-Tetracosane (C24)	15.131	139384	1.081 ug/ml
16) T n-Octacosane (C28)	17.057f	17469	0.142 ug/ml
17) T n-Tricontane (C30)	17.990	25707	0.207 ug/ml
18) T n-Dotriacontane (C32)	18.823	31370	0.250 ug/ml
19) T n-Tetratriacontane (C34)	19.611	25523	0.205 ug/ml
20) T n-Hexatriacontane (C36)	20.354	14306	0.111 ug/ml

(f)=RT Delta > 1/2 Window

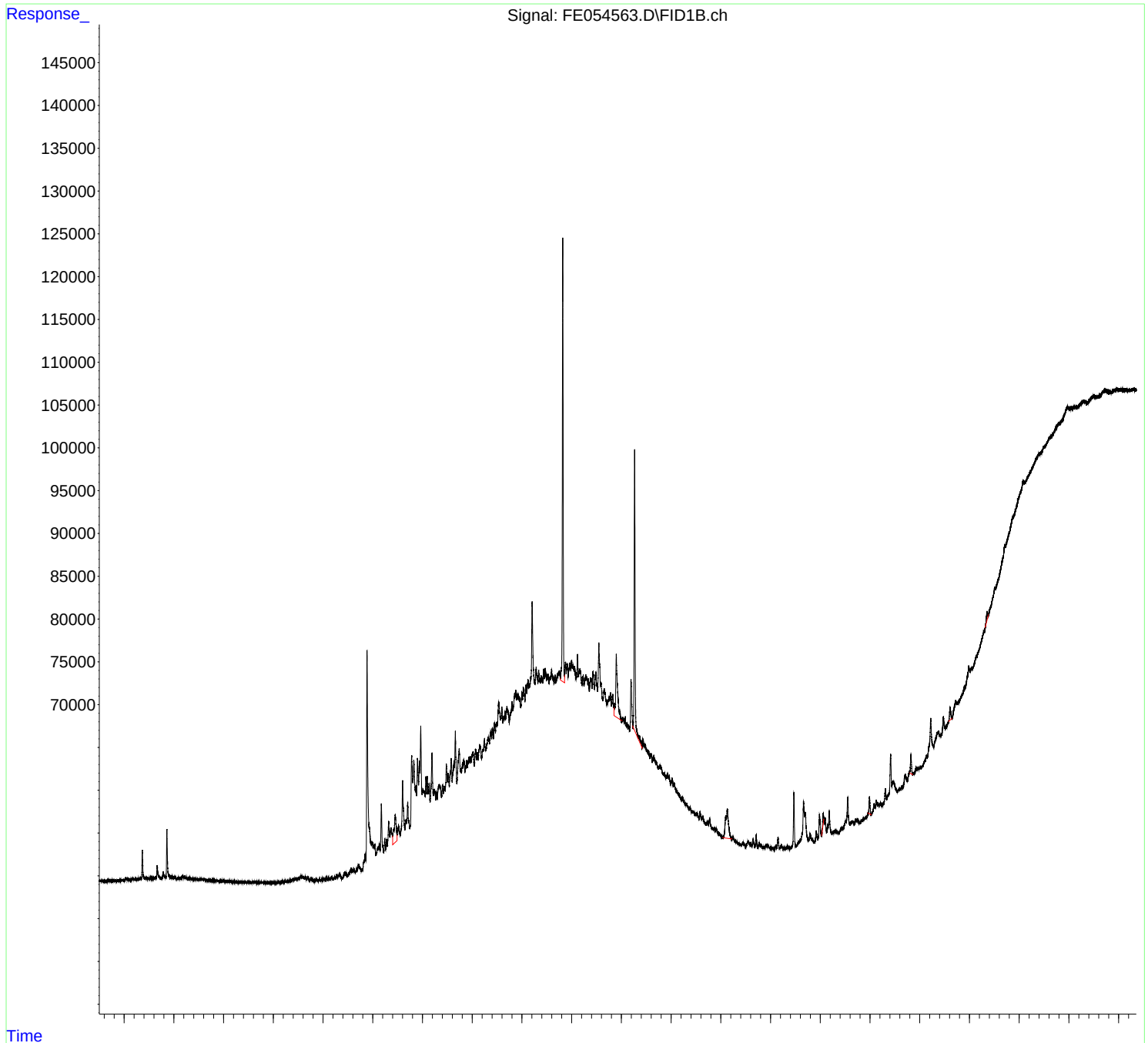
(m)=manual int.

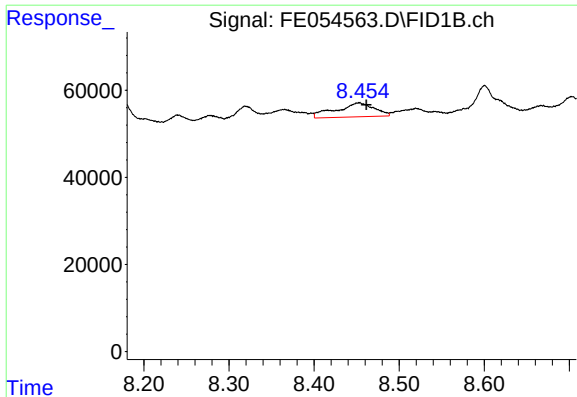
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

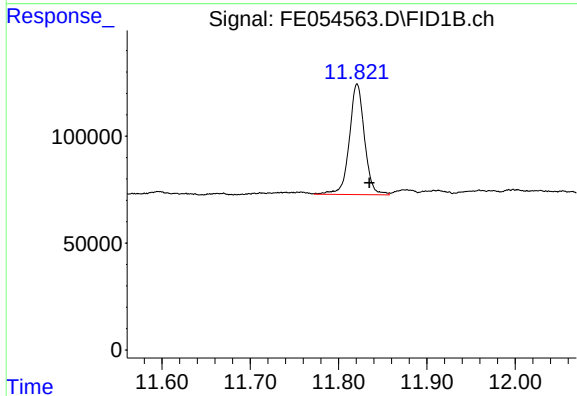




#6 n-Tetradecane (C14)

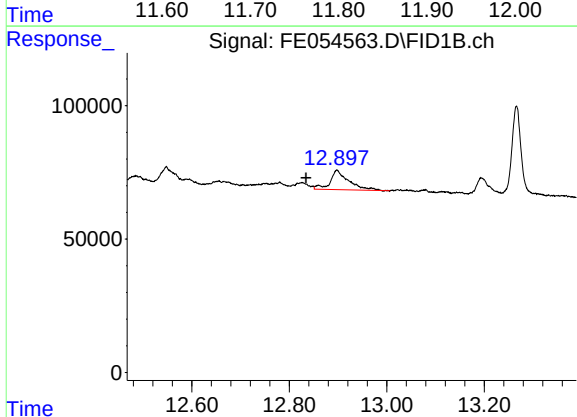
R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 100186
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :
291431-E2DL



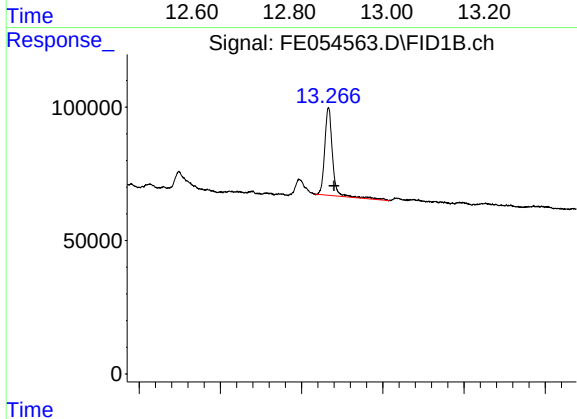
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.014 min
Response: 616320
Conc: 3.73 ug/ml



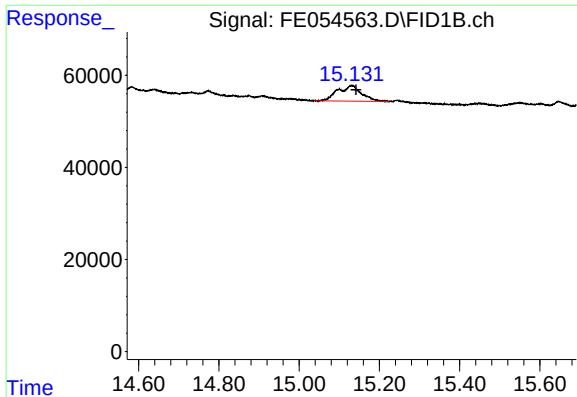
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.063 min
Response: 193362
Conc: 1.45 ug/ml



#12 1-chlorooctadecane (SURR)

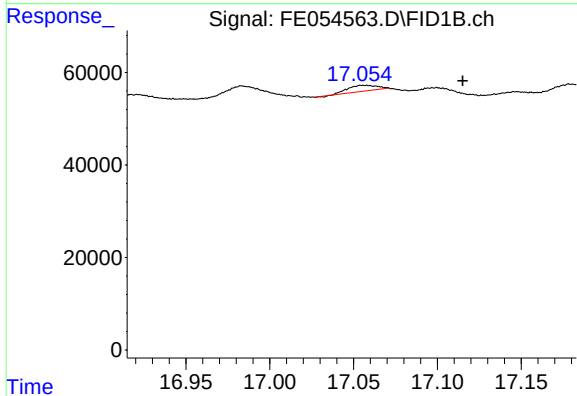
R.T.: 13.266 min
Delta R.T.: -0.013 min
Response: 442873
Conc: 3.63 ug/ml



#14 n-Tetracosane (C24)

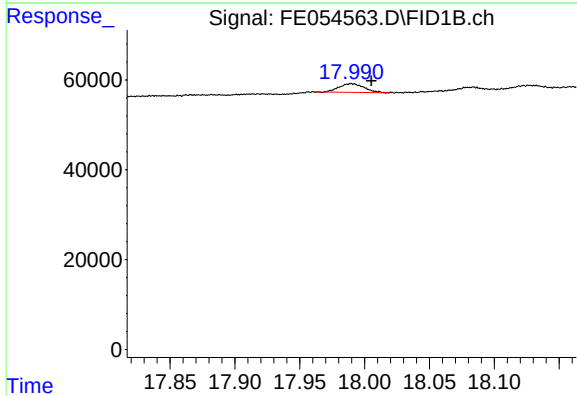
R.T.: 15.131 min
Delta R.T.: -0.010 min
Response: 139384
Conc: 1.08 ug/ml

Instrument :
FID_E
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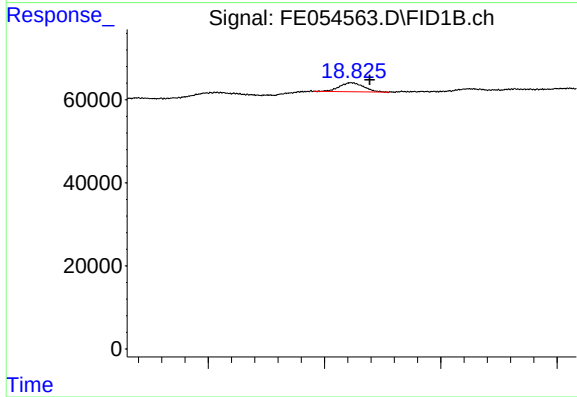
#16 n-Octacosane (C28)

R.T.: 17.057 min
Delta R.T.: -0.058 min
Response: 17469
Conc: 0.14 ug/ml



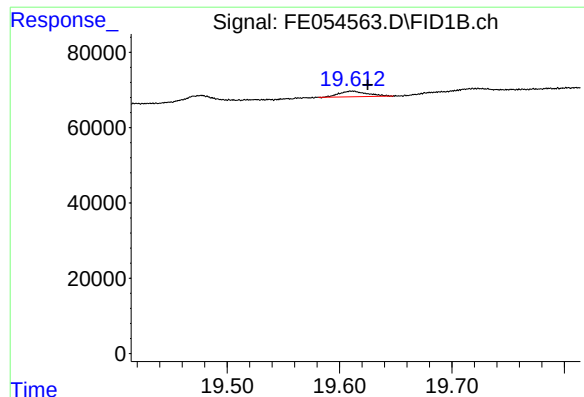
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.015 min
Response: 25707
Conc: 0.21 ug/ml



#18 n-Dotriacontane (C32)

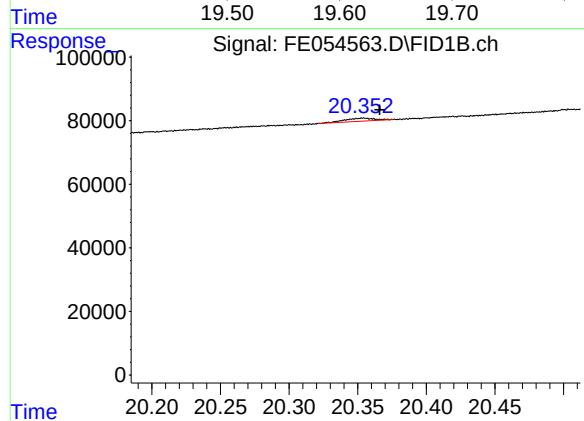
R.T.: 18.823 min
Delta R.T.: -0.016 min
Response: 31370
Conc: 0.25 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 25523
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :
291431-E2DL



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 14306
Conc: 0.11 ug/ml