

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054513.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 09:52
 Operator : YP\AJ
 Sample : Q2355-03DL 1000X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20071DL

Integration File: autoint1.e
 Quant Time: Jun 20 23:22:44 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)	11.806	315623	1.910 ug/ml
Spiked Amount 50.000		Recovery =	3.82%
12) S 1-chlorooctadecane (S...	13.271	35926	0.295 ug/ml
Spiked Amount 50.000		Recovery =	0.59%
Target Compounds			
6) T n-Tetradecane (C14)	8.453	41338	0.319 ug/ml
7) T n-Hexadecane (C16)	10.064	15928	0.120 ug/ml
8) T n-Octadecane (C18)	11.509	45347	0.336 ug/ml
10) T n-Eicosane (C20)	12.822	156081	1.167 ug/ml
11) T n-Heneicosane (C21)	13.437	54012	0.406 ug/ml
13) T n-Docosane (C22)	14.023	67079	0.512 ug/ml
18) T n-Dotriacontane (C32)	18.827	24507	0.195 ug/ml
19) T n-Tetratriacontane (C34)	19.611	19508	0.157 ug/ml
20) T n-Hexatriacontane (C36)	20.354	21863	0.170 ug/ml

(f)=RT Delta > 1/2 Window

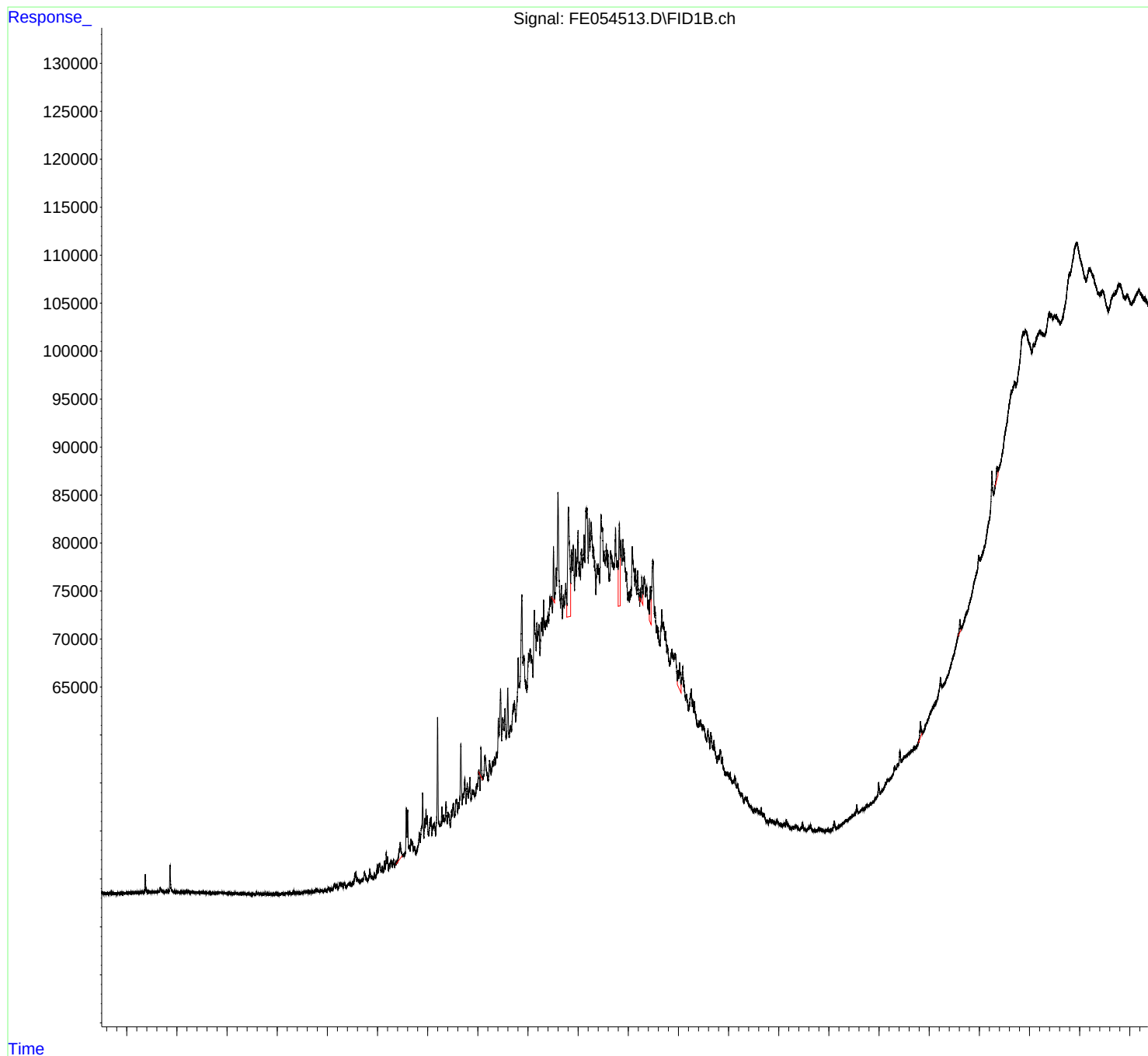
(m)=manual int.

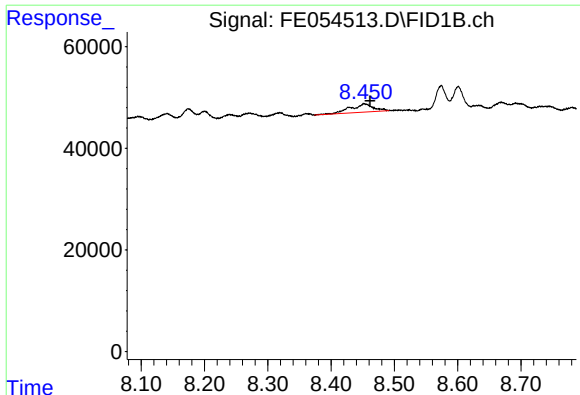
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

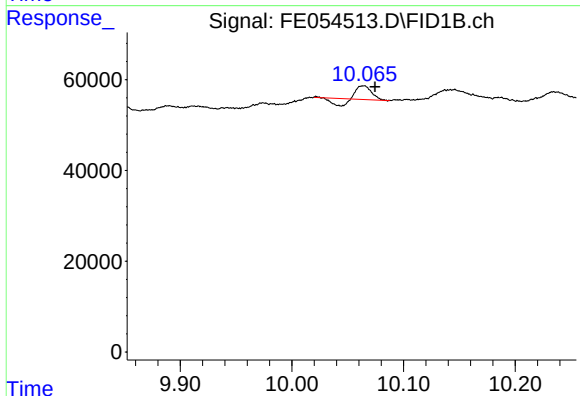




#6 n-Tetradecane (C14)

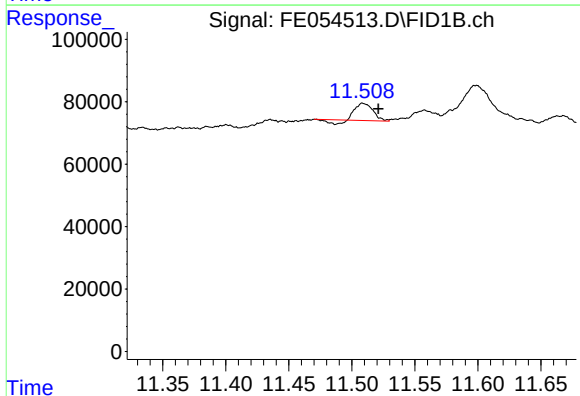
R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 41338
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20071DL



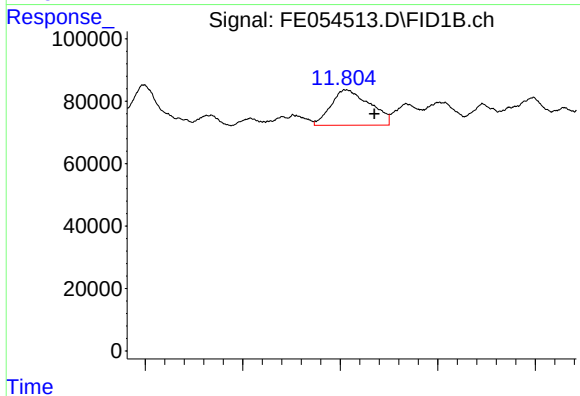
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 15928
Conc: 0.12 ug/ml



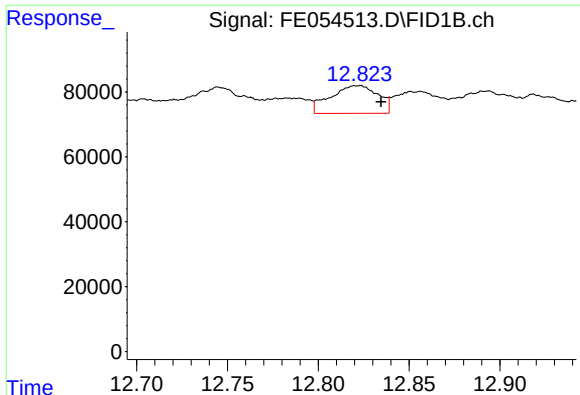
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 45347
Conc: 0.34 ug/ml



#9 ortho-Terphenyl (SURR)

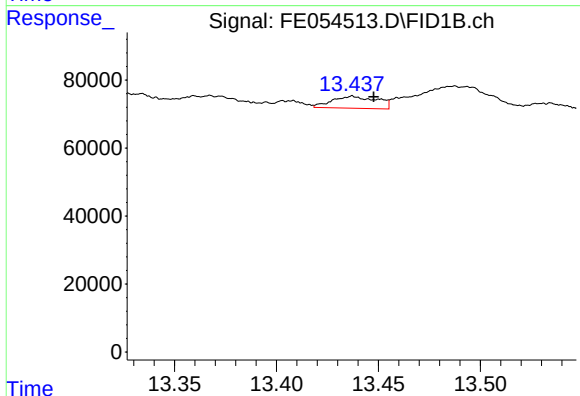
R.T.: 11.806 min
Delta R.T.: -0.029 min
Response: 315623
Conc: 1.91 ug/ml



#10 n-Eicosane (C20)

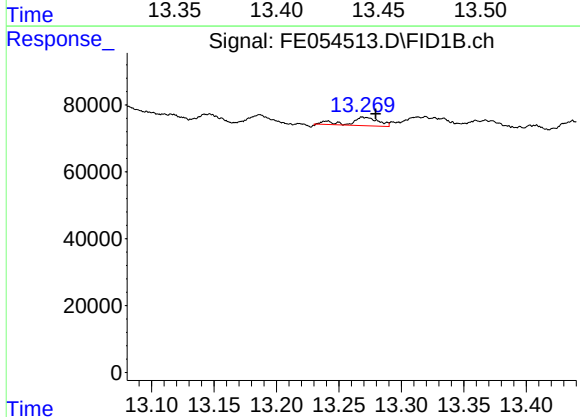
R.T.: 12.822 min
Delta R.T.: -0.013 min
Response: 156081
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20071DL



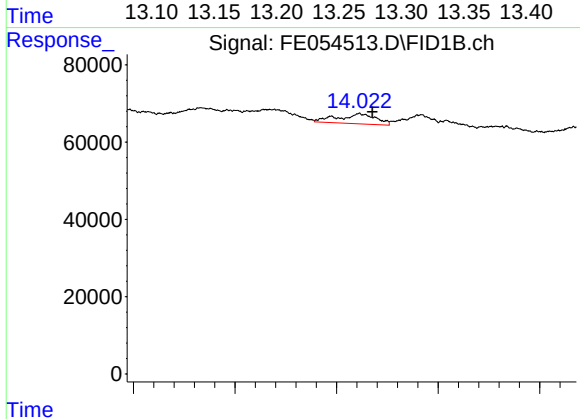
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 54012
Conc: 0.41 ug/ml



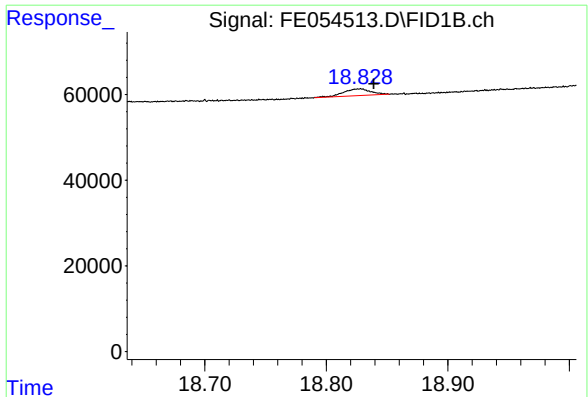
#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 35926
Conc: 0.29 ug/ml



#13 n-Docosane (C22)

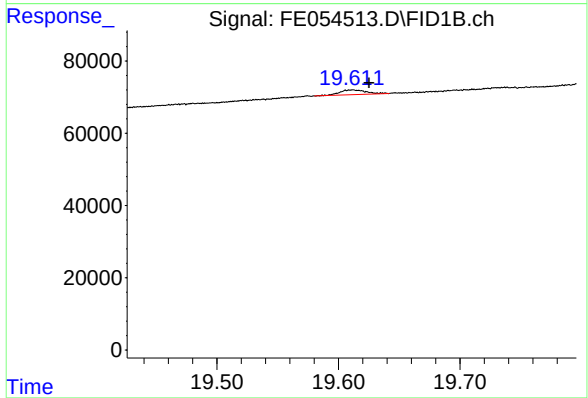
R.T.: 14.023 min
Delta R.T.: -0.012 min
Response: 67079
Conc: 0.51 ug/ml



#18 n-Dotriacontane (C32)

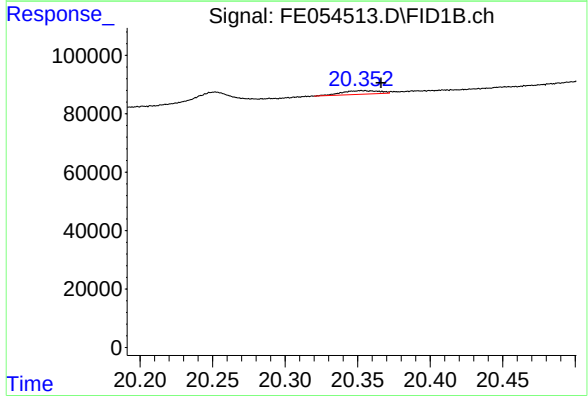
R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 24507
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20071DL



#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 19508
Conc: 0.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 21863
Conc: 0.17 ug/ml