

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054514.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 10:22
 Operator : YP\AJ
 Sample : Q2355-04DL 1000X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20071-E2DL

Integration File: autoint1.e
 Quant Time: Jun 20 23:22:56 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)	11.805	167643	1.015 ug/ml
Spiked Amount 50.000		Recovery =	2.03%
12) S 1-chlorooctadecane (S...	13.325	46802	0.384 ug/ml
Spiked Amount 50.000		Recovery =	0.77%
Target Compounds			
6) T n-Tetradecane (C14)	8.450	29450	0.227 ug/ml
7) T n-Hexadecane (C16)	10.063	12868	0.097 ug/ml
8) T n-Octadecane (C18)	11.508	35477	0.263 ug/ml
10) T n-Eicosane (C20)	12.821	133225	0.996 ug/ml
11) T n-Heneicosane (C21)	13.434	51813	0.390 ug/ml
13) T n-Docosane (C22)	14.021	62225	0.475 ug/ml
17) T n-Tricontane (C30)	17.991	24086	0.194 ug/ml
18) T n-Dotriacontane (C32)	18.826	34761	0.277 ug/ml
19) T n-Tetratriacontane (C34)	19.611	25799	0.207 ug/ml
20) T n-Hexatriacontane (C36)	20.355	14791	0.115 ug/ml

(f)=RT Delta > 1/2 Window

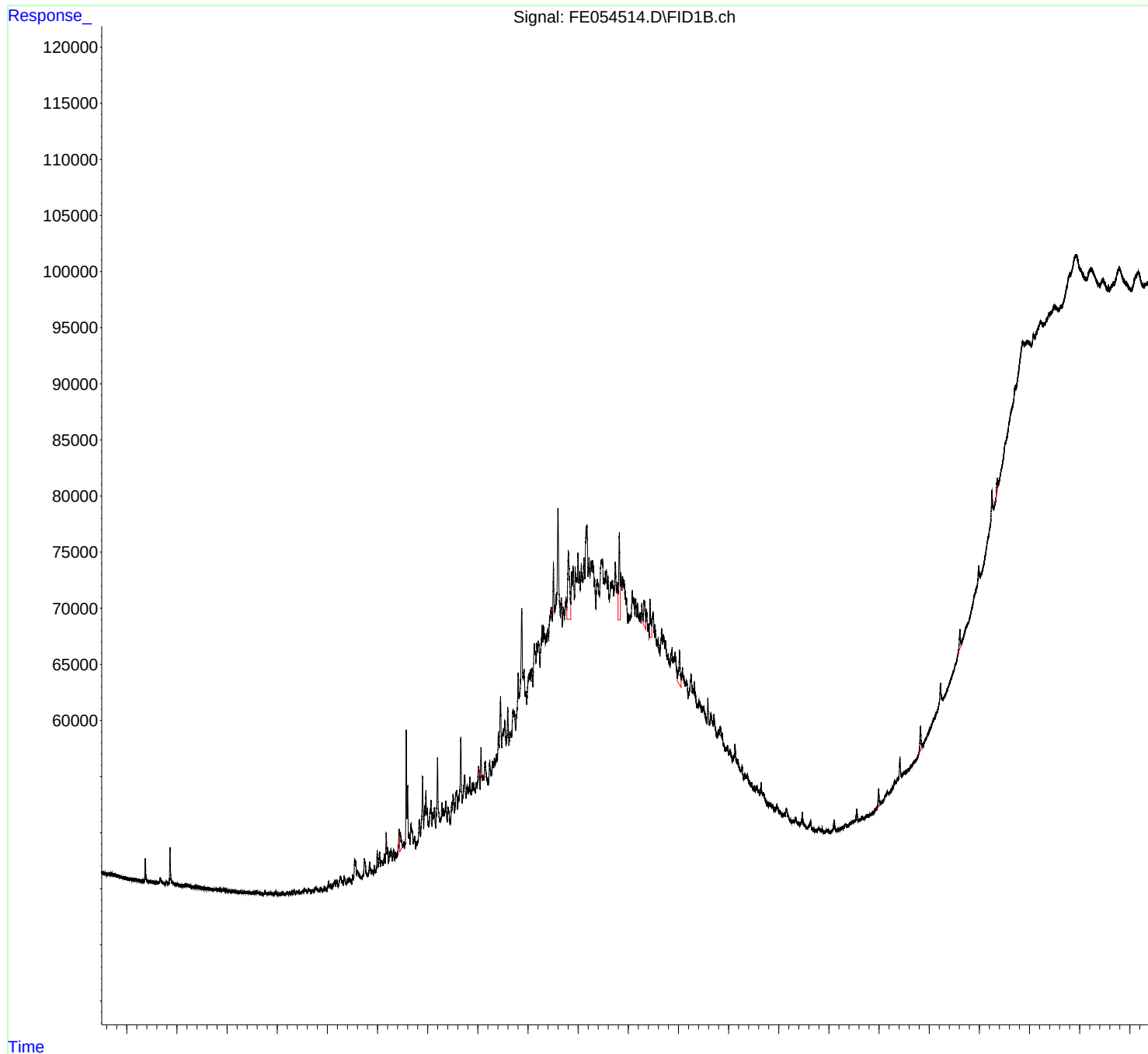
(m)=manual int.

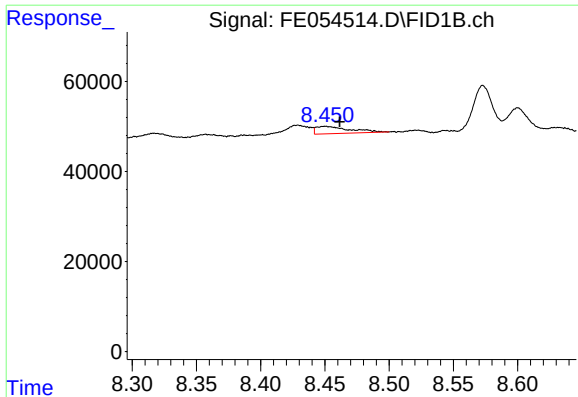
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

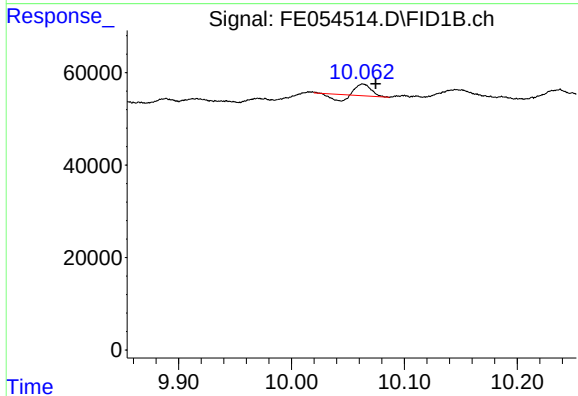




#6 n-Tetradecane (C14)

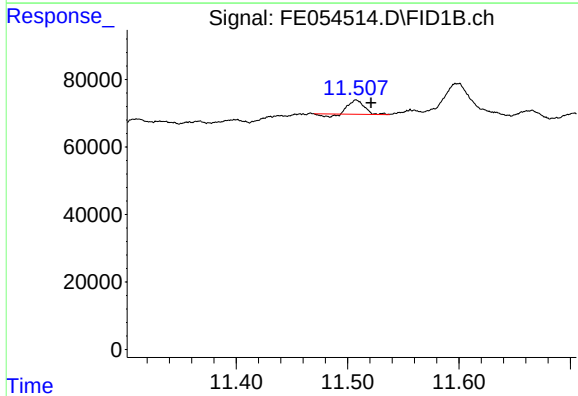
R.T.: 8.450 min
Delta R.T.: -0.011 min
Response: 29450
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20071-E2DL



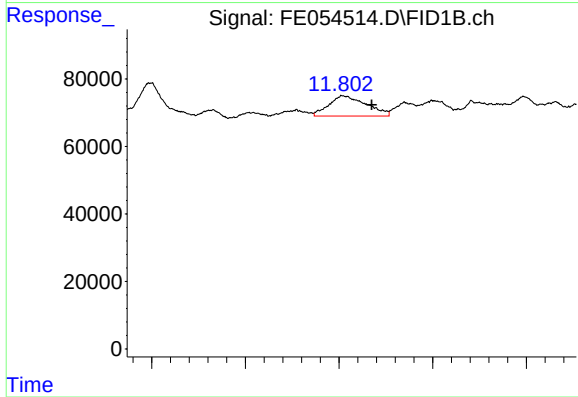
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.011 min
Response: 12868
Conc: 0.10 ug/ml



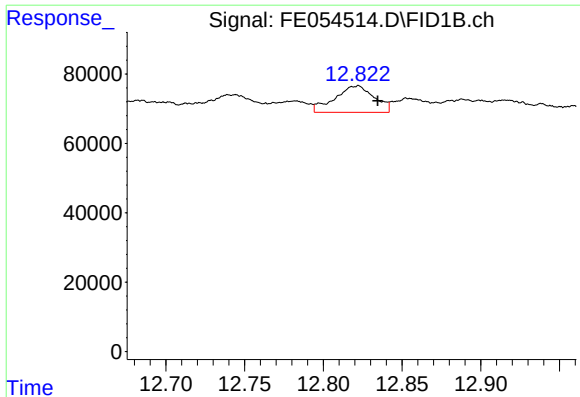
#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.013 min
Response: 35477
Conc: 0.26 ug/ml



#9 ortho-Terphenyl (SURRE)

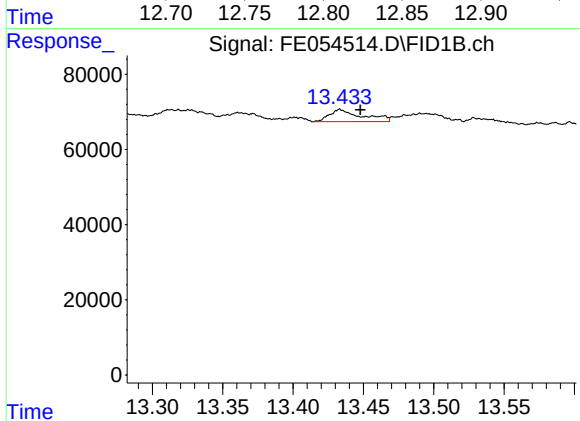
R.T.: 11.805 min
Delta R.T.: -0.030 min
Response: 167643
Conc: 1.01 ug/ml



#10 n-Eicosane (C20)

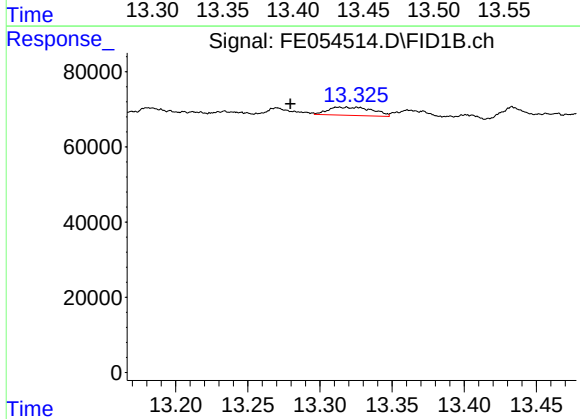
R.T.: 12.821 min
Delta R.T.: -0.014 min
Response: 133225
Conc: 1.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20071-E2DL



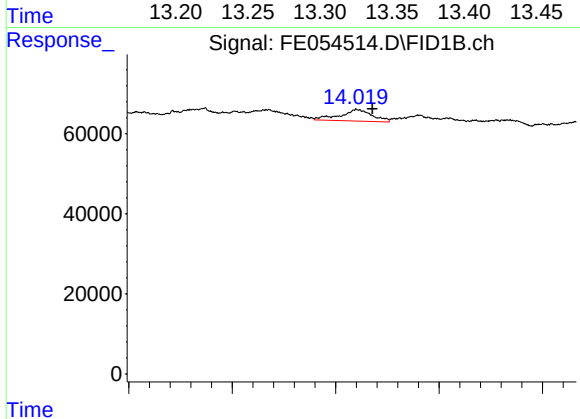
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: -0.014 min
Response: 51813
Conc: 0.39 ug/ml



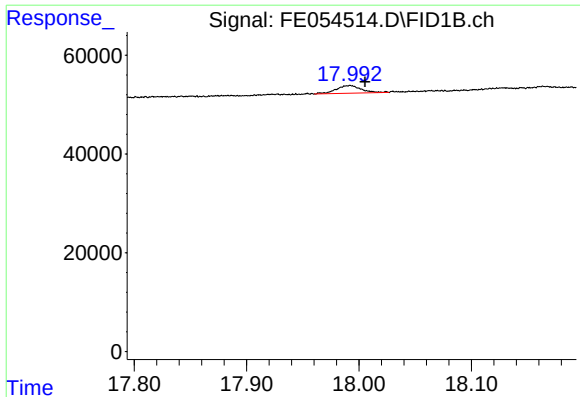
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: 0.045 min
Response: 46802
Conc: 0.38 ug/ml



#13 n-Docosane (C22)

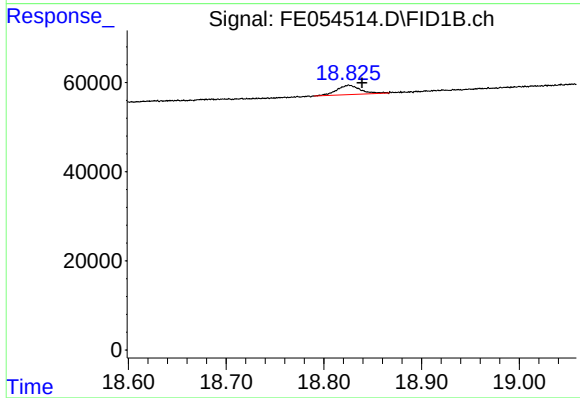
R.T.: 14.021 min
Delta R.T.: -0.015 min
Response: 62225
Conc: 0.47 ug/ml



#17 n-Tricontane (C30)

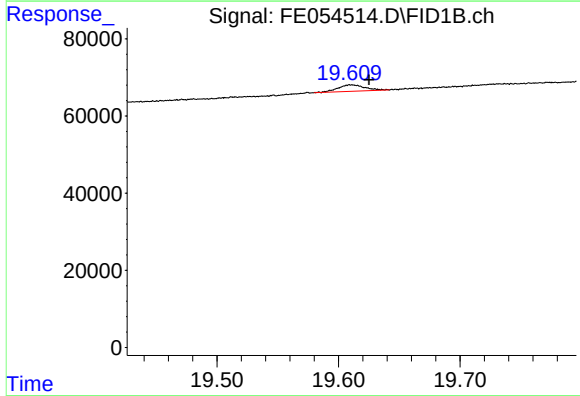
R.T.: 17.991 min
Delta R.T.: -0.014 min
Response: 24086
Conc: 0.19 ug/ml

Instrument :
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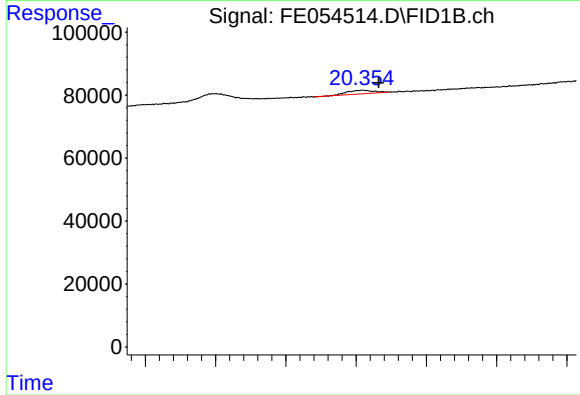
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 34761
Conc: 0.28 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 25799
Conc: 0.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.012 min
Response: 14791
Conc: 0.11 ug/ml