

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062425AL\
 Data File : FE054566.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2025 11:06
 Operator : YP\AJ
 Sample : Q2383-02DL 500X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-5376-E2DL

Integration File: autoint1.e
 Quant Time: Jun 25 02:12:44 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)	11.821	59421	0.360 ug/ml
Spiked Amount 50.000		Recovery =	0.72%
12) S 1-chlorooctadecane (S...	13.269	71481	0.586 ug/ml
Spiked Amount 50.000		Recovery =	1.17%
Target Compounds			
6) T n-Tetradecane (C14)	8.448	63679	0.492 ug/ml
10) T n-Eicosane (C20)	12.821	91536	0.684 ug/ml
11) T n-Heneicosane (C21)	13.461	386694	2.908 ug/ml
13) T n-Docosane (C22)	14.038	923272	7.041 ug/ml
14) T n-Tetracosane (C24)	15.131	531169	4.118 ug/ml
15) T n-Hexacosane (C26)	16.147	80739	0.643 ug/ml
16) T n-Octacosane (C28)	17.131	71487	0.583 ug/ml
18) T n-Dotriacontane (C32)	18.816	113945	0.907 ug/ml

(f)=RT Delta > 1/2 Window

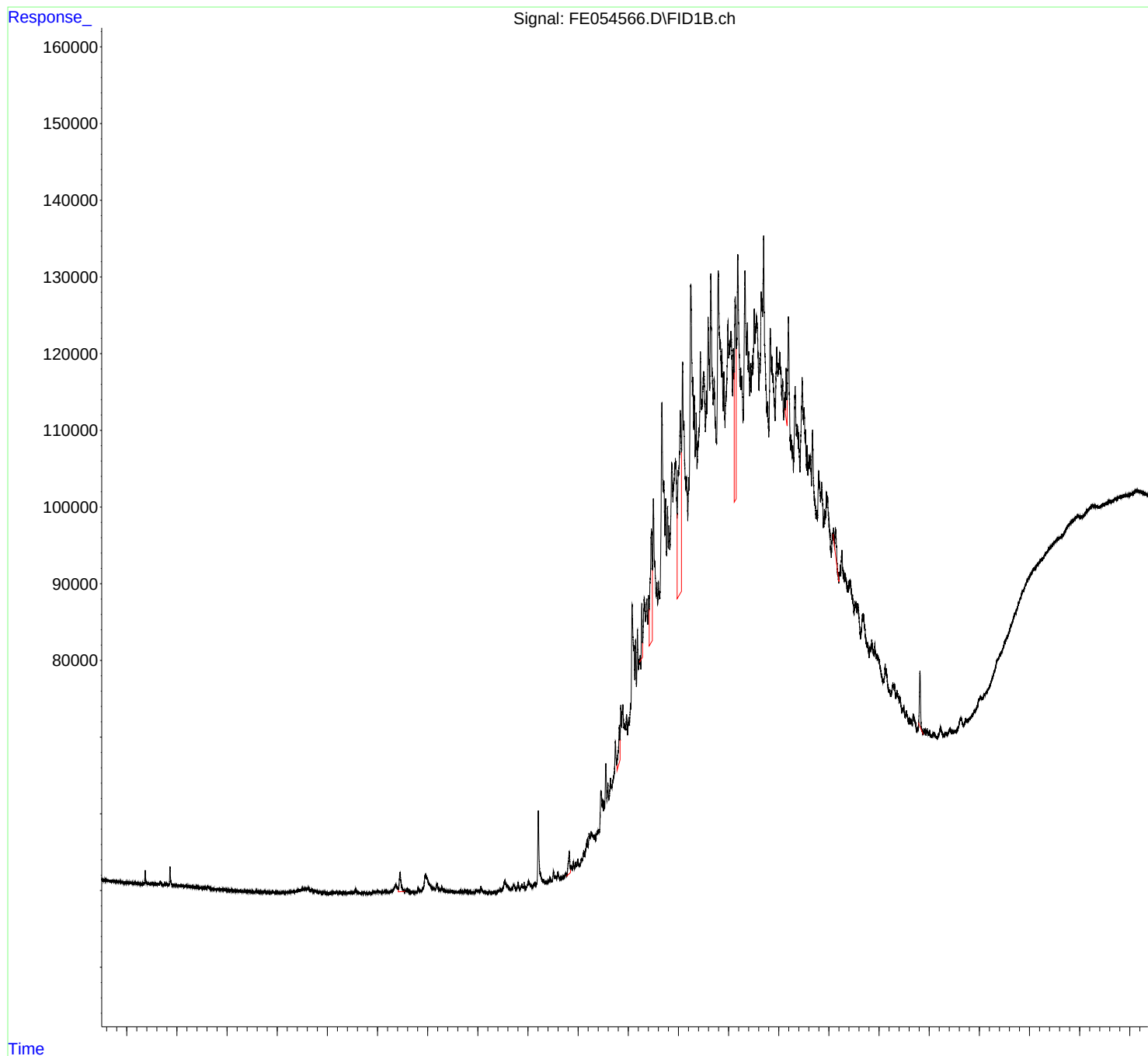
(m)=manual int.

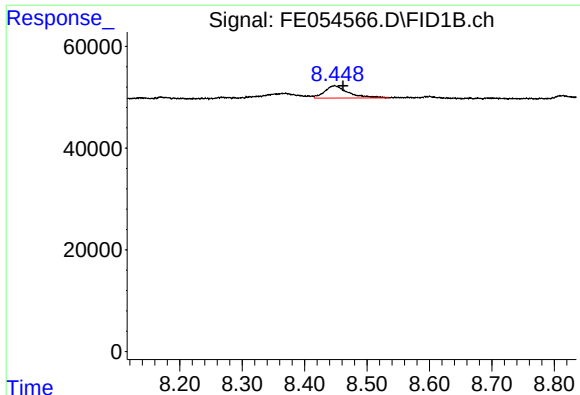
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Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

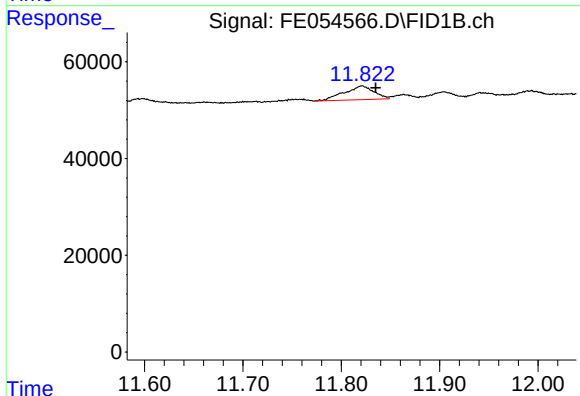




#6 n-Tetradecane (C14)

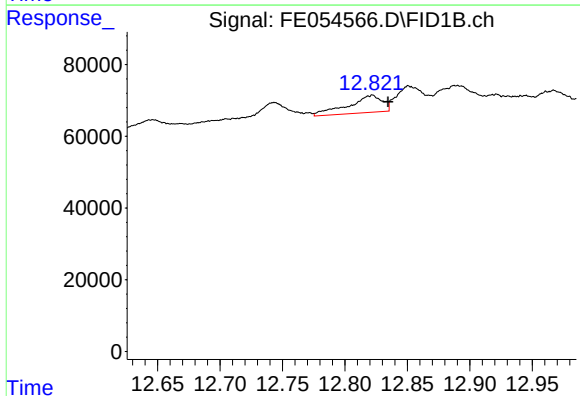
R.T.: 8.448 min
Delta R.T.: -0.014 min
Response: 63679
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-5376-E2DL



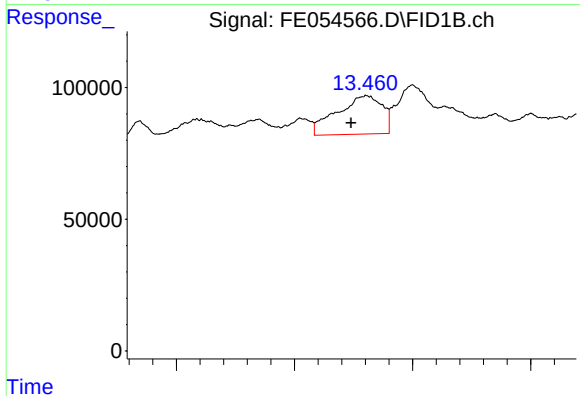
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.014 min
Response: 59421
Conc: 0.36 ug/ml



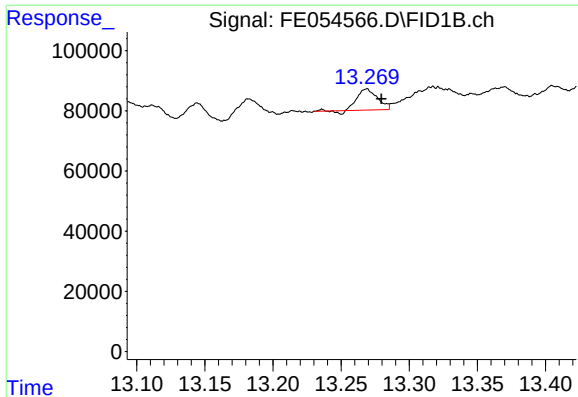
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 91536
Conc: 0.68 ug/ml



#11 n-Heneicosane (C21)

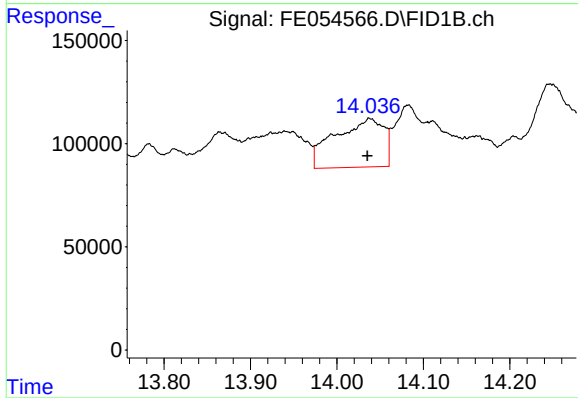
R.T.: 13.461 min
Delta R.T.: 0.013 min
Response: 386694
Conc: 2.91 ug/ml



#12 1-chlorooctadecane (SURR)

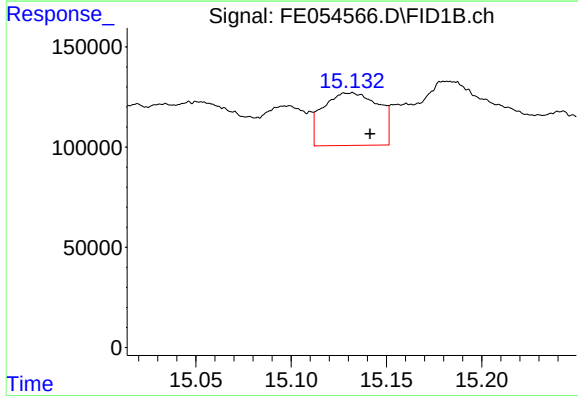
R.T.: 13.269 min
Delta R.T.: -0.011 min
Response: 71481
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-5376-E2DL



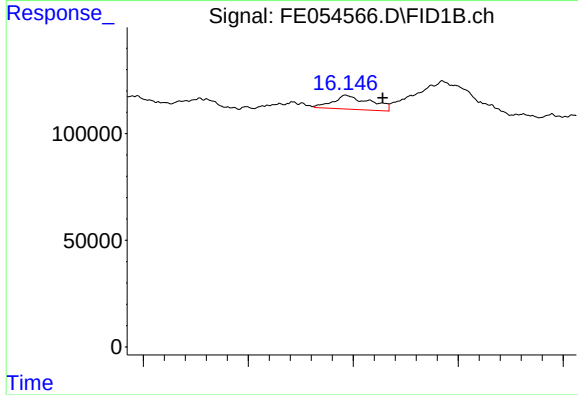
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: 0.003 min
Response: 923272
Conc: 7.04 ug/ml



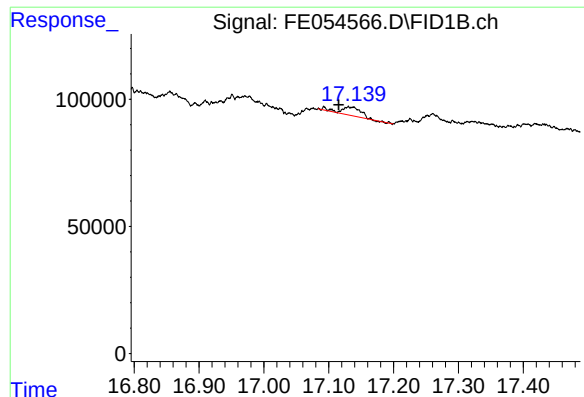
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.010 min
Response: 531169
Conc: 4.12 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: -0.017 min
Response: 80739
Conc: 0.64 ug/ml



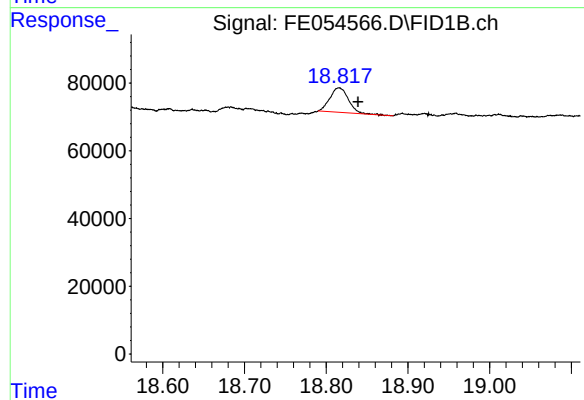
#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: 0.016 min
Response: 71487
Conc: 0.58 ug/ml

Instrument :

FID_E

ClientSampleId :
RT-5376-E2DL



#18 n-Dotriacontane (C32)

R.T.: 18.816 min
Delta R.T.: -0.023 min
Response: 113945
Conc: 0.91 ug/ml