

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069253.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 21:13
 Operator : YP/AJ
 Sample : Q2388-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-12-EPH

Integration File: autoint1.e
 Quant Time: Jun 24 01:27:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.683	6272310	36.307 ug/ml
Spiked Amount 50.000		Recovery =	72.61%
12) S 1-chlorooctadecane (S...	13.118	4808685	36.808 ug/ml
Spiked Amount 50.000		Recovery =	73.62%
Target Compounds			
1) T n-Nonane (C9)	3.386	28032	0.197 ug/ml
6) T n-Tetradecane (C14)	8.264	130595	0.843 ug/ml
7) T n-Hexadecane (C16)	9.925	252715	1.546 ug/ml
8) T n-Octadecane (C18)	11.386	66567	0.408 ug/ml
10) T n-Eicosane (C20)	12.653	136248	0.893 ug/ml
15) T n-Hexacosane (C26)	15.995	51966	0.398 ug/ml
16) T n-Octacosane (C28)	16.948	48084	0.390 ug/ml
18) T n-Dotriacontane (C32)	18.666	69513	0.636 ug/ml

(f)=RT Delta > 1/2 Window

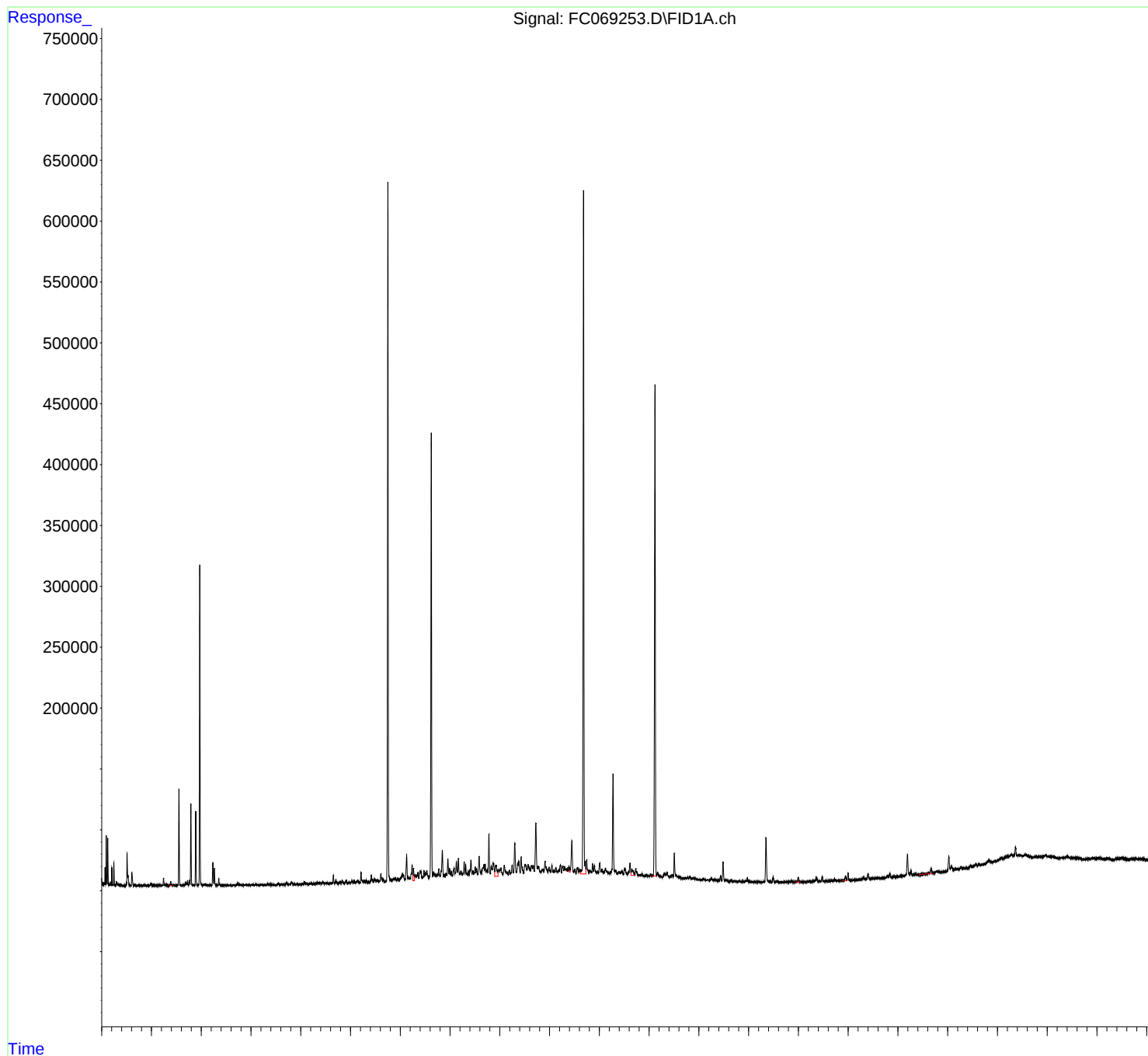
(m)=manual int.

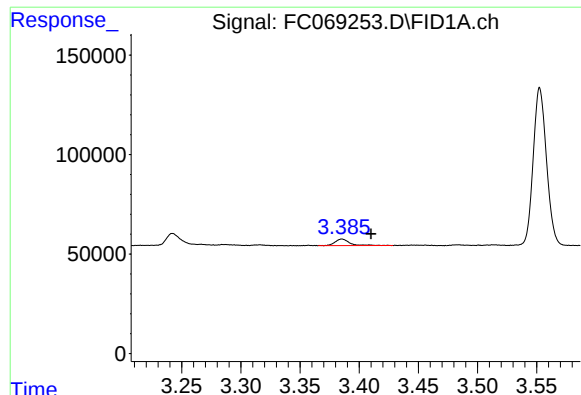
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Signal Info : 20M x 0.18mm x 0.18um

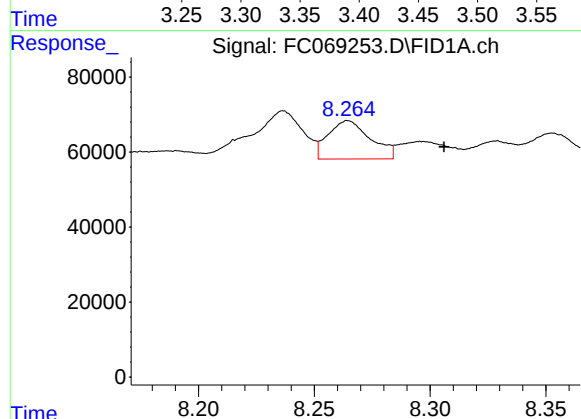




#1 n-Nonane (C9)

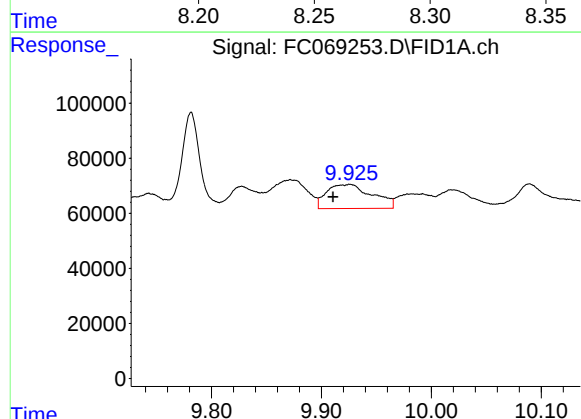
R.T.: 3.386 min
Delta R.T.: -0.024 min
Response: 28032
Conc: 0.20 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-12-EPH



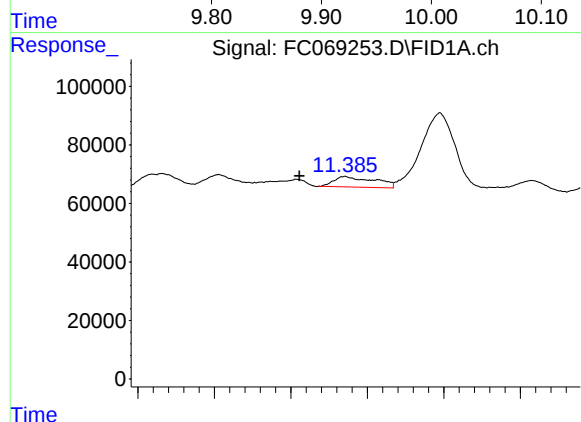
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: -0.042 min
Response: 130595
Conc: 0.84 ug/ml



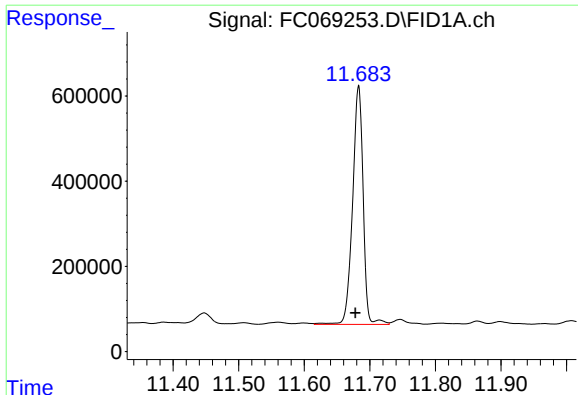
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.015 min
Response: 252715
Conc: 1.55 ug/ml



#8 n-Octadecane (C18)

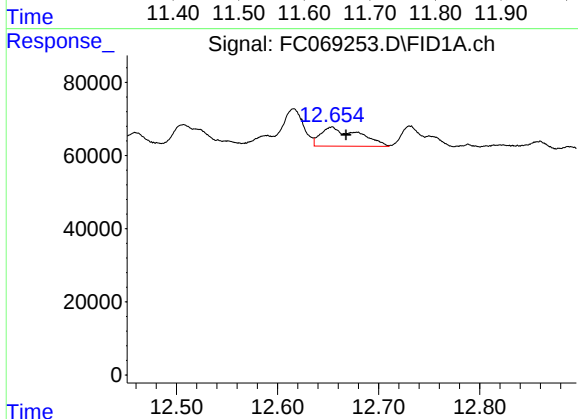
R.T.: 11.386 min
Delta R.T.: 0.030 min
Response: 66567
Conc: 0.41 ug/ml



#9 ortho-Terphenyl (SURR)

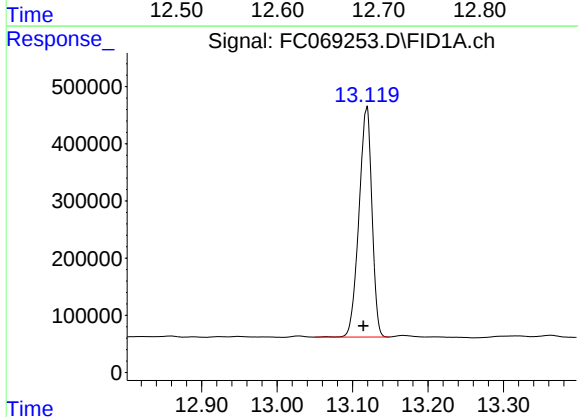
R.T.: 11.683 min
Delta R.T.: 0.005 min
Response: 6272310
Conc: 36.31 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-12-EPH



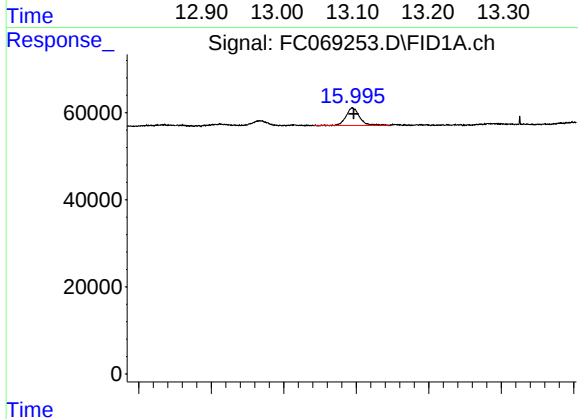
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.014 min
Response: 136248
Conc: 0.89 ug/ml



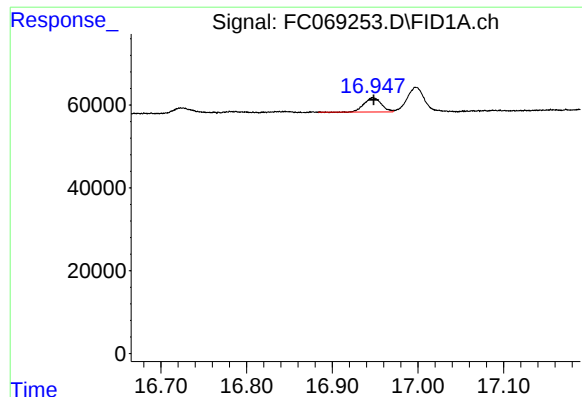
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: 0.004 min
Response: 4808685
Conc: 36.81 ug/ml



#15 n-Hexacosane (C26)

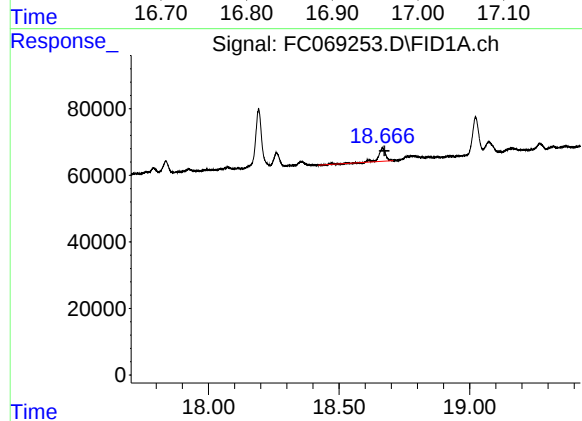
R.T.: 15.995 min
Delta R.T.: -0.001 min
Response: 51966
Conc: 0.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 48084
Conc: 0.39 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-12-EPH



#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: -0.007 min
Response: 69513
Conc: 0.64 ug/ml