

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092225AL\
 Data File : FE055917.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2025 10:58
 Operator : YP\AJ
 Sample : Q3138-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 23 04:27:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.085	8927592	54.342 ug/ml
Spiked Amount 50.000		Recovery =	108.68%
12) S 1-chlorooctadecane (S...	13.526	4691796	37.521 ug/ml
Spiked Amount 50.000		Recovery =	75.04%
Target Compounds			
7) T n-Hexadecane (C16)	10.331	254860	1.840 ug/ml
8) T n-Octadecane (C18)	11.732	2348940	16.104 ug/ml
10) T n-Eicosane (C20)	13.077	675411	4.692 ug/ml
11) T n-Heneicosane (C21)	13.650	2415217	16.908 ug/ml
13) T n-Docosane (C22)	14.266	1582344	11.054 ug/ml
14) T n-Tetracosane (C24)	15.396	1105723	7.642 ug/ml
15) T n-Hexacosane (C26)	16.439	172861	1.210 ug/ml
16) T n-Octacosane (C28)	17.353	223977	1.575 ug/ml
17) T n-Tricontane (C30)	18.241	229888	1.555 ug/ml
18) T n-Dotriacontane (C32)	19.076	216735	1.477 ug/ml
19) T n-Tetratriacontane (C34)	19.861	105185	0.744 ug/ml
20) T n-Hexatriacontane (C36)	20.601	83233	0.631 ug/ml
21) T n-Octatriacontane (C38)	21.378	365433	2.806 ug/ml

(f)=RT Delta > 1/2 Window

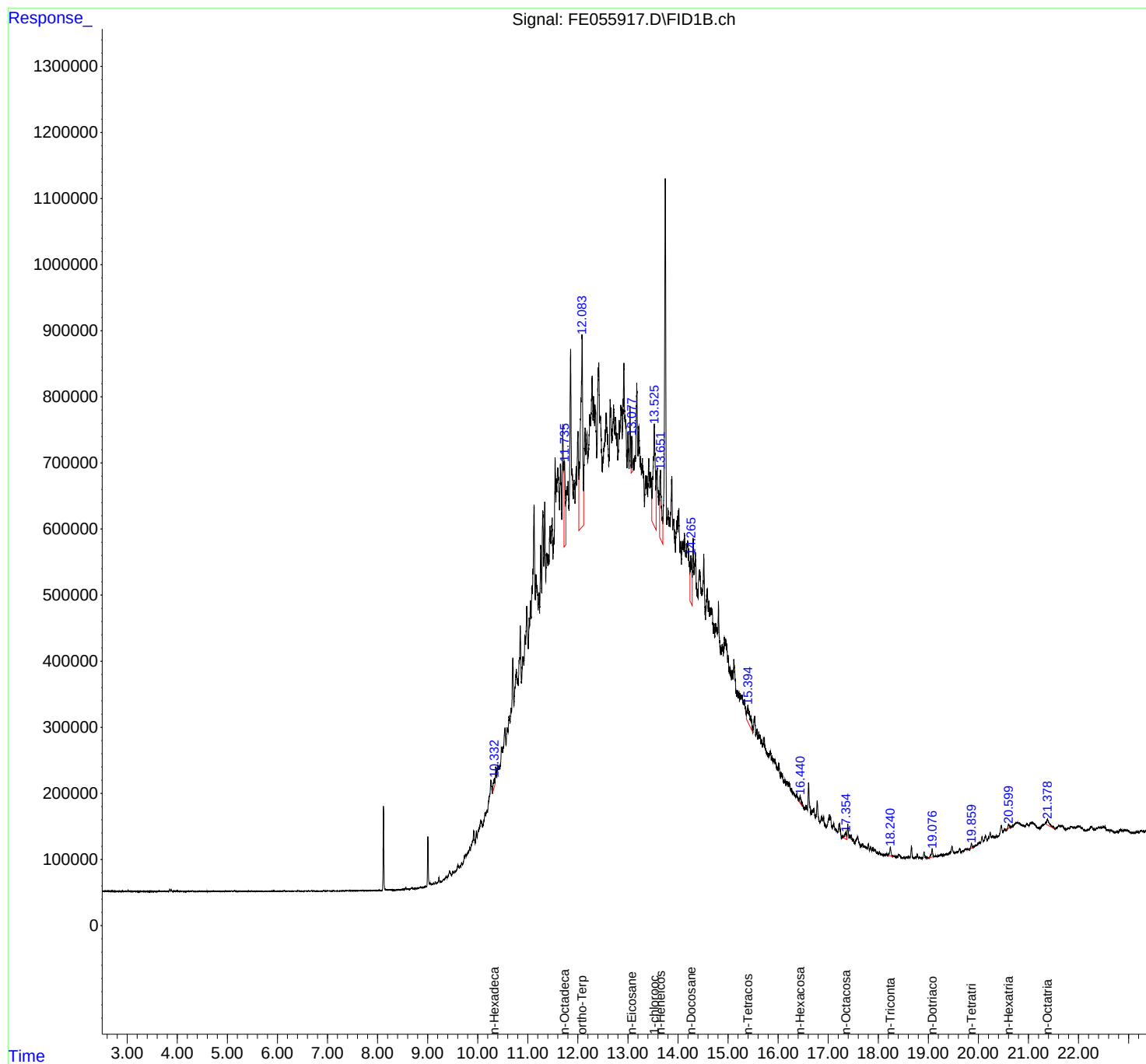
(m)=manual int.

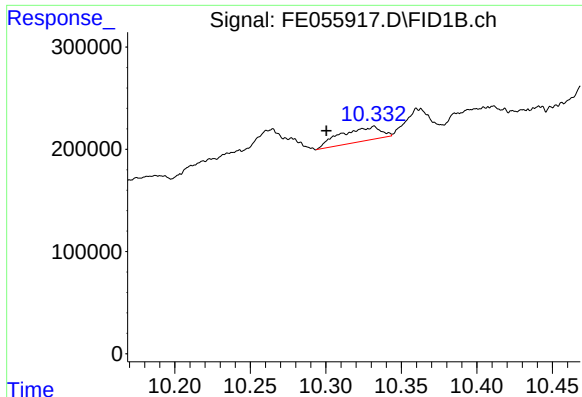
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

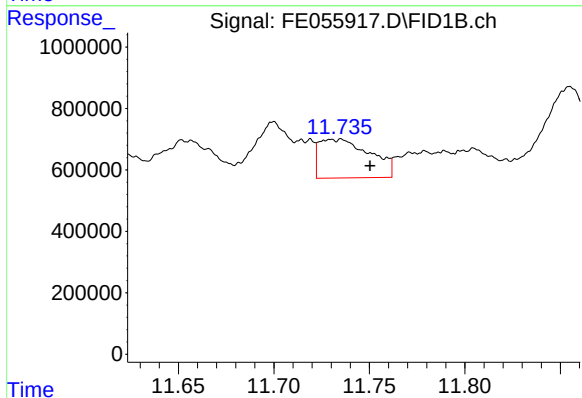




#7 n-Hexadecane (C16)

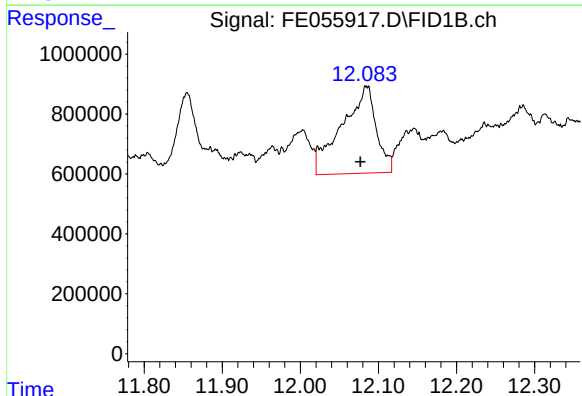
R.T.: 10.331 min
Delta R.T.: 0.031 min
Response: 254860
Conc: 1.84 ug/ml

Instrument :
FID_F
ClientSampleId :



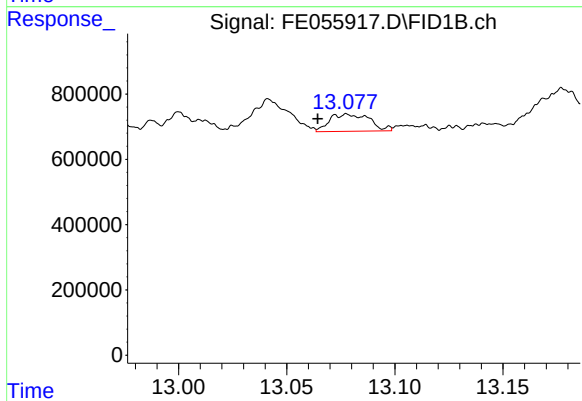
#8 n-Octadecane (C18)

R.T.: 11.732 min
Delta R.T.: -0.019 min
Response: 2348940
Conc: 16.10 ug/ml



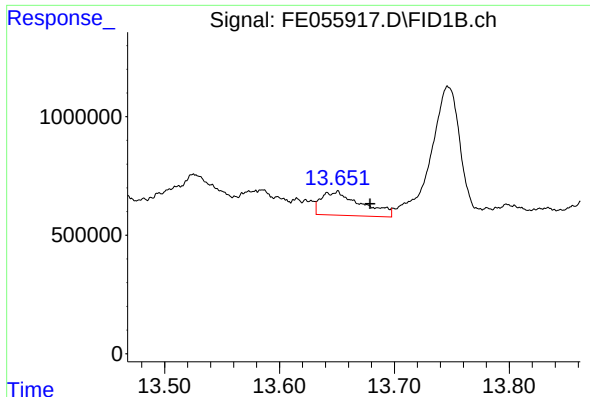
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.008 min
Response: 8927592
Conc: 54.34 ug/ml



#10 n-Eicosane (C20)

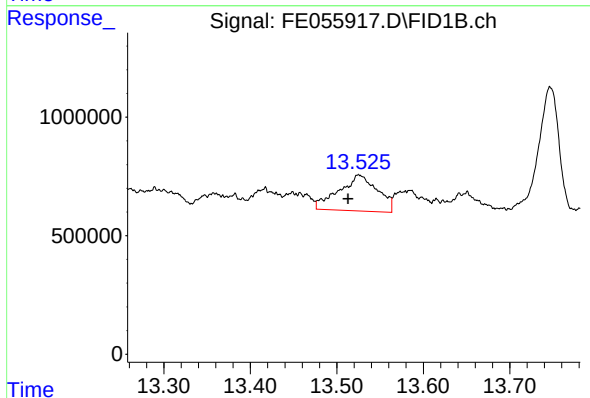
R.T.: 13.077 min
Delta R.T.: 0.013 min
Response: 675411
Conc: 4.69 ug/ml



#11 n-Heneicosane (C21)

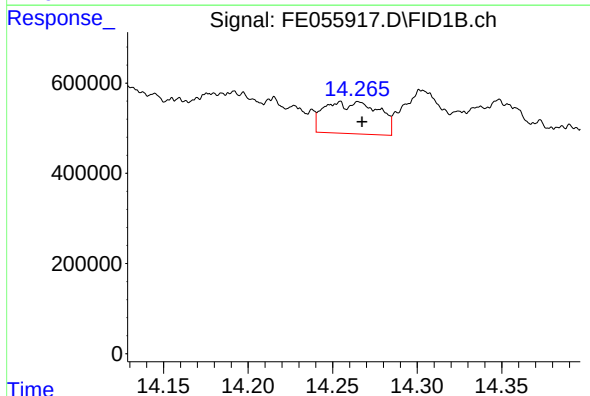
R.T.: 13.650 min
Delta R.T.: -0.029 min
Response: 2415217
Conc: 16.91 ug/ml

Instrument :
FID_F
ClientSampleId :



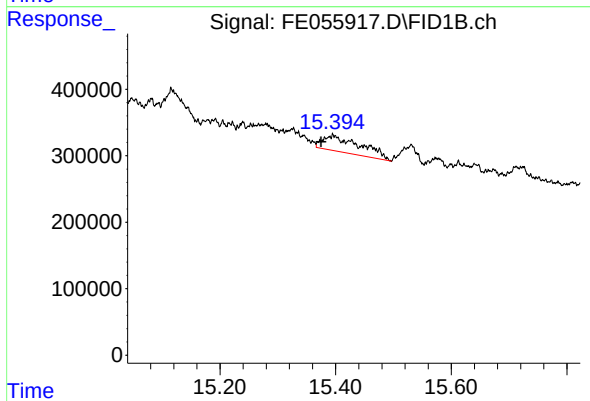
#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.013 min
Response: 4691796
Conc: 37.52 ug/ml



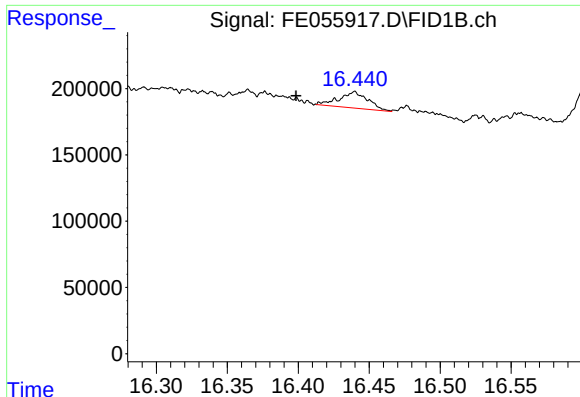
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: -0.002 min
Response: 1582344
Conc: 11.05 ug/ml



#14 n-Tetracosane (C24)

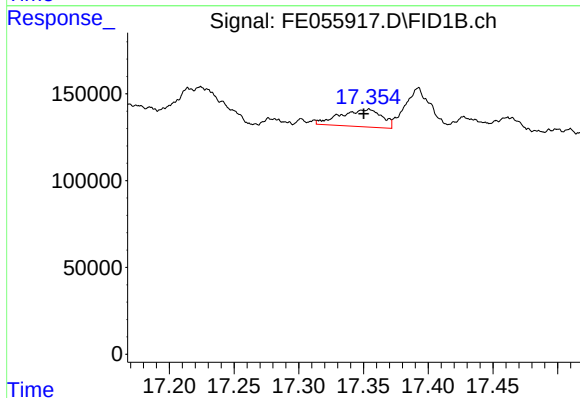
R.T.: 15.396 min
Delta R.T.: 0.021 min
Response: 1105723
Conc: 7.64 ug/ml



#15 n-Hexacosane (C26)

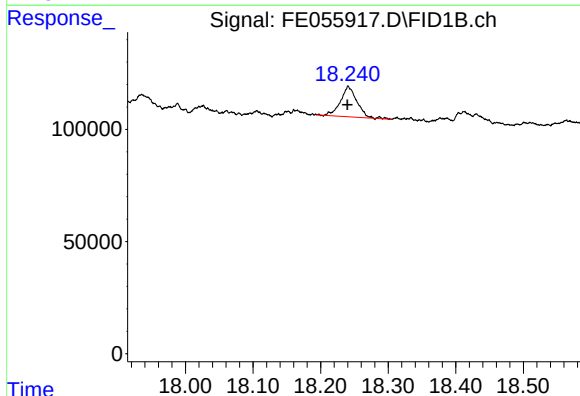
R.T.: 16.439 min
Delta R.T.: 0.041 min
Response: 172861
Conc: 1.21 ug/ml

Instrument :
FID_F
ClientSampleId :



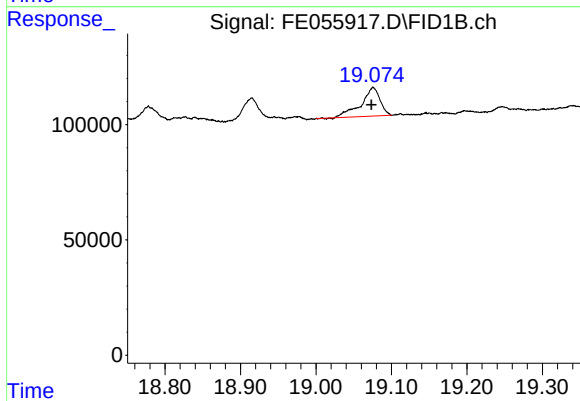
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 223977
Conc: 1.57 ug/ml



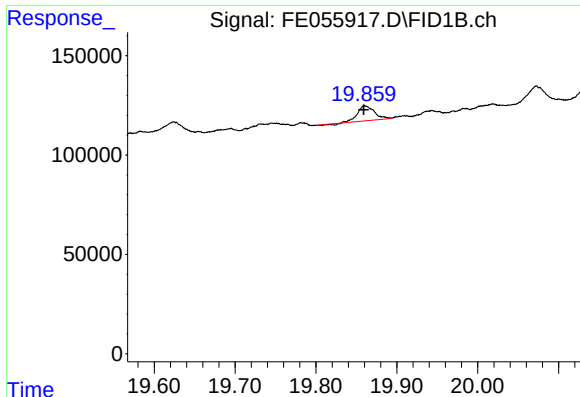
#17 n-Tricontane (C30)

R.T.: 18.241 min
Delta R.T.: 0.002 min
Response: 229888
Conc: 1.56 ug/ml



#18 n-Dotriacontane (C32)

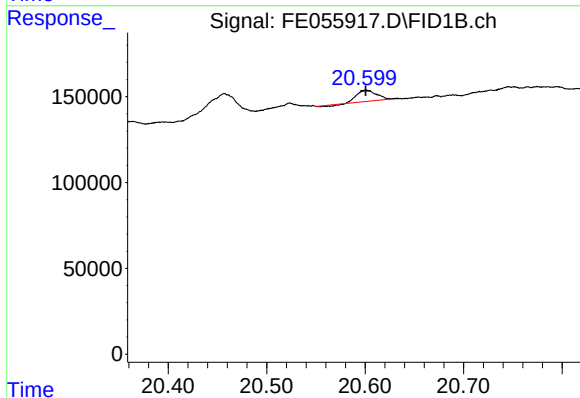
R.T.: 19.076 min
Delta R.T.: 0.002 min
Response: 216735
Conc: 1.48 ug/ml



#19 n-Tetratriacontane (C34)

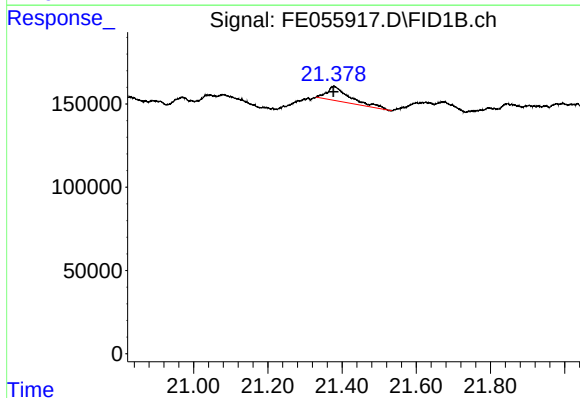
R.T.: 19.861 min
Delta R.T.: 0.002 min
Response: 105185
Conc: 0.74 ug/ml

Instrument :
FID_F
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 83233
Conc: 0.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 365433
Conc: 2.81 ug/ml