

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
 Data File : FE056603.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2025 10:52
 Operator : YP\AJ
 Sample : Q3486-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 23:11:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.977	8583091	41.085 ug/ml
Spiked Amount 50.000		Recovery =	82.17%
12) S 1-chlorooctadecane (S...	13.415	5758896	35.744 ug/ml
Spiked Amount 50.000		Recovery =	71.49%
Target Compounds			
6) T n-Tetradecane (C14)	8.588	125828	0.721 ug/ml
8) T n-Octadecane (C18)	11.649	114802	0.607 ug/ml
10) T n-Eicosane (C20)	12.956	1019369	5.470 ug/ml
11) T n-Heneicosane (C21)	13.578	82702	0.450 ug/ml
13) T n-Docosane (C22)	14.165	284384	1.519 ug/ml
14) T n-Tetracosane (C24)	15.269	1558468	7.957 ug/ml
16) T n-Octacosane (C28)	17.283	182611	0.943 ug/ml
17) T n-Tricontane (C30)	18.139	234585	1.170 ug/ml
18) T n-Dotriacontane (C32)	18.959	184552	0.938 ug/ml
19) T n-Tetratriacontane (C34)	19.761	64790	0.375 ug/ml
21) T n-Octatriacontane (C38)	21.257	112585	0.895 ug/ml
22) T n-Tetracontane (C40)	22.202	574306	4.967 ug/ml

(f)=RT Delta > 1/2 Window

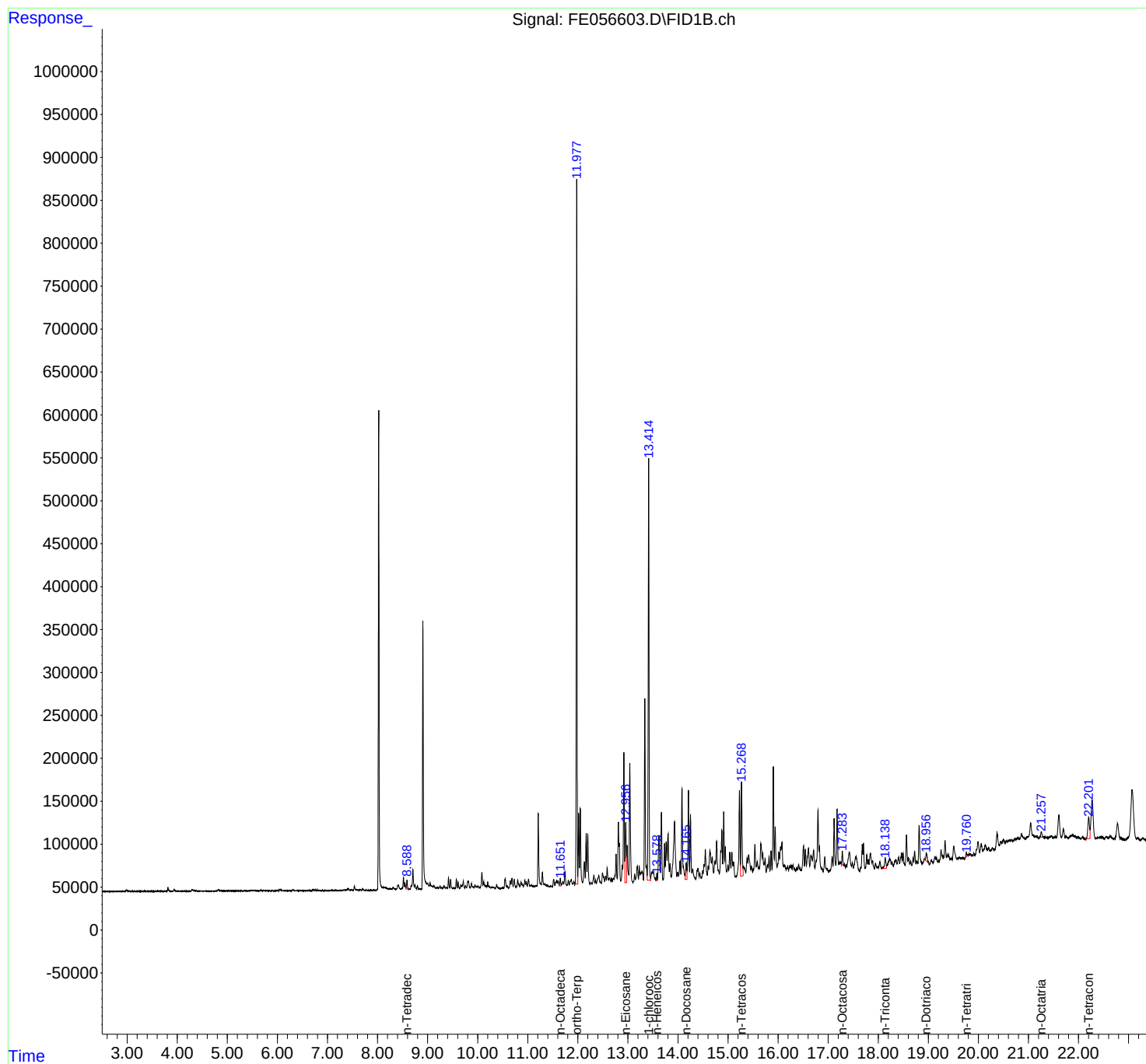
(m)=manual int.

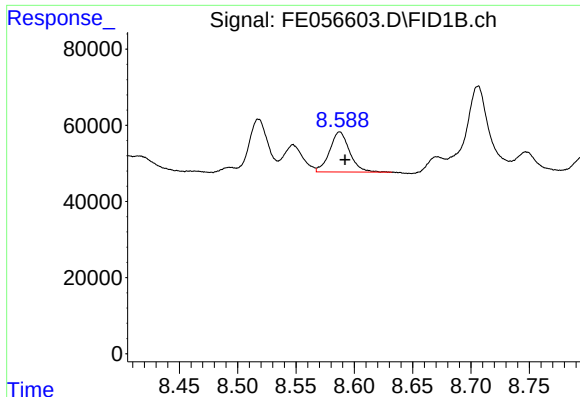
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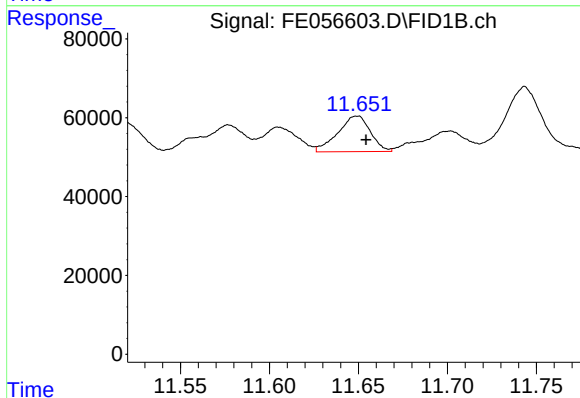




#6 n-Tetradecane (C14)

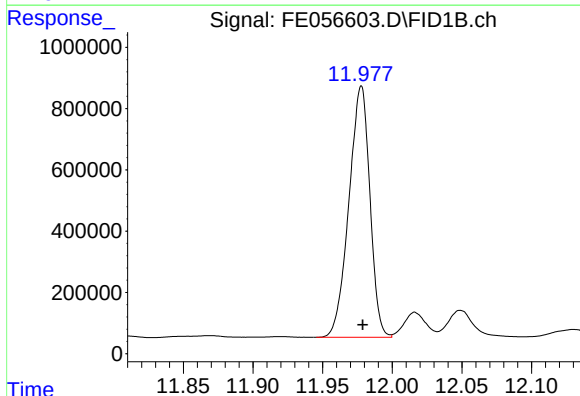
R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 125828
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



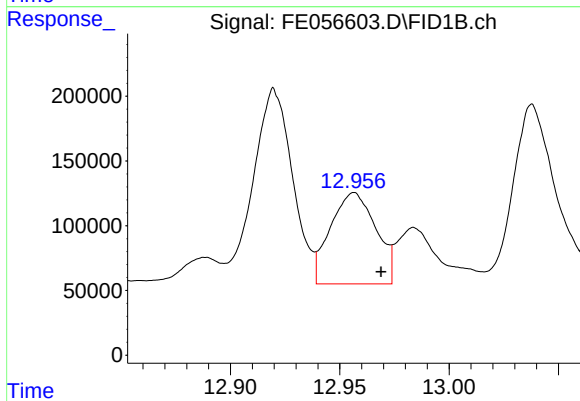
#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.005 min
Response: 114802
Conc: 0.61 ug/ml



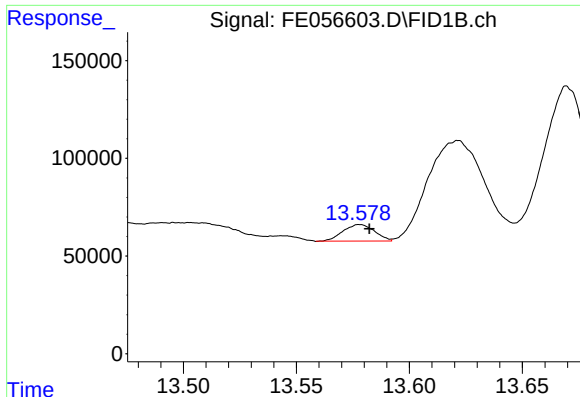
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.001 min
Response: 8583091
Conc: 41.08 ug/ml



#10 n-Eicosane (C20)

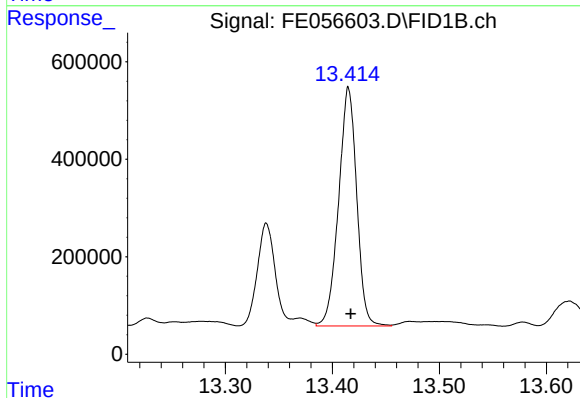
R.T.: 12.956 min
Delta R.T.: -0.012 min
Response: 1019369
Conc: 5.47 ug/ml



#11 n-Heneicosane (C21)

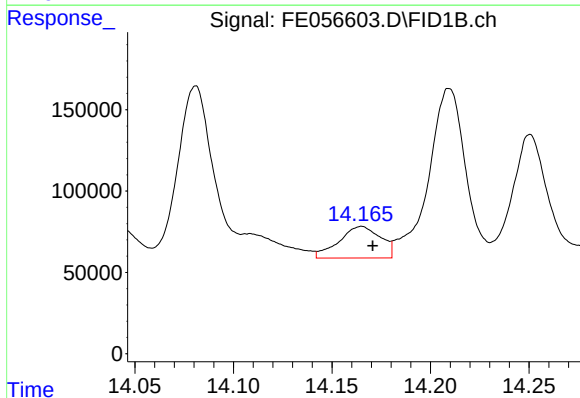
R.T.: 13.578 min
Delta R.T.: -0.004 min
Response: 82702
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :



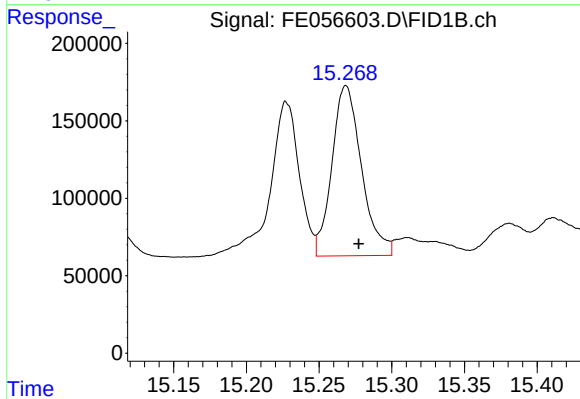
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: -0.002 min
Response: 5758896
Conc: 35.74 ug/ml



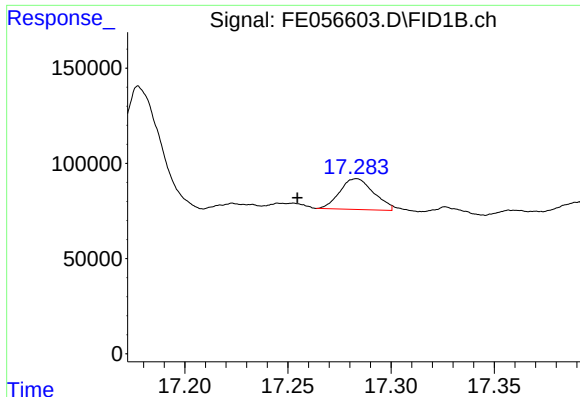
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.006 min
Response: 284384
Conc: 1.52 ug/ml



#14 n-Tetracosane (C24)

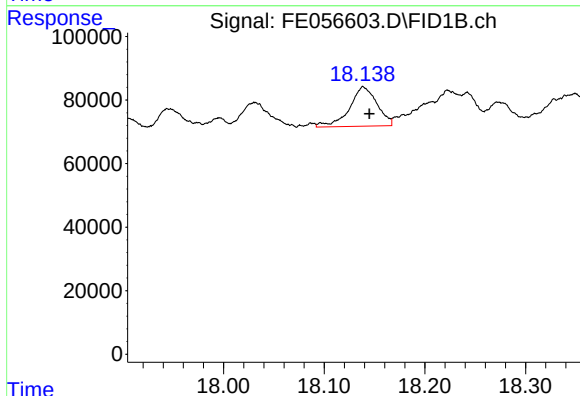
R.T.: 15.269 min
Delta R.T.: -0.009 min
Response: 1558468
Conc: 7.96 ug/ml



#16 n-Octacosane (C28)

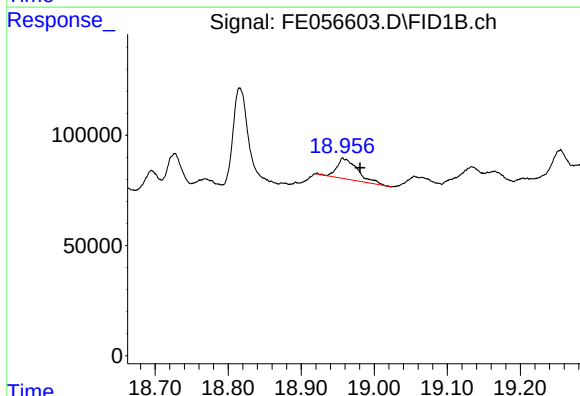
R.T.: 17.283 min
Delta R.T.: 0.029 min
Response: 182611
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :



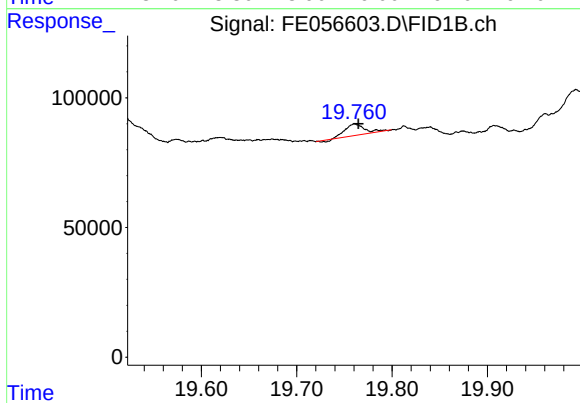
#17 n-Tricontane (C30)

R.T.: 18.139 min
Delta R.T.: -0.006 min
Response: 234585
Conc: 1.17 ug/ml



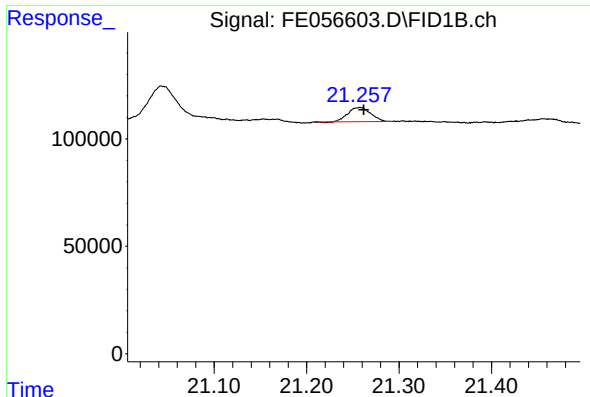
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: -0.022 min
Response: 184552
Conc: 0.94 ug/ml



#19 n-Tetratriacontane (C34)

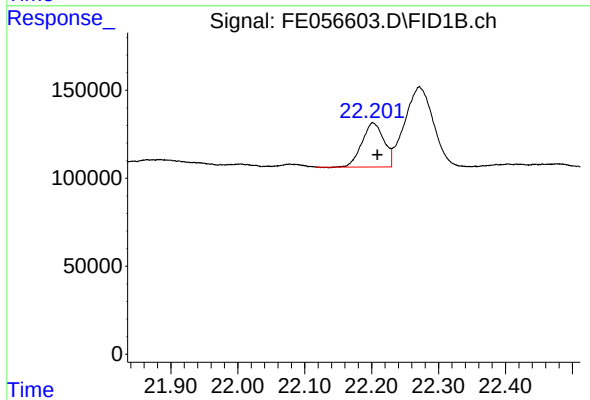
R.T.: 19.761 min
Delta R.T.: -0.004 min
Response: 64790
Conc: 0.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.257 min
Delta R.T.: -0.005 min
Response: 112585
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: -0.007 min
Response: 574306
Conc: 4.97 ug/ml