

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055321.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 10:47
 Operator : YP\AJ
 Sample : Q2857-04DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 04:01:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	2227443	15.598 ug/ml
Spiked Amount 50.000		Recovery =	31.20%
12) S 1-chlorooctadecane (S...	13.519	1887392	17.553 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
Target Compounds			
10) T n-Eicosane (C20)	13.065	128432	1.024 ug/ml
13) T n-Docosane (C22)	14.317	179948	1.474 ug/ml
14) T n-Tetracosane (C24)	15.373	570127	4.687 ug/ml
16) T n-Octacosane (C28)	17.379	178333	1.503 ug/ml
17) T n-Tricontane (C30)	18.246	289986	2.357 ug/ml
18) T n-Dotriacontane (C32)	19.080	364437	2.987 ug/ml
19) T n-Tetratriacontane (C34)	19.865	325424	2.783 ug/ml
20) T n-Hexatriacontane (C36)	20.607	280157	2.563 ug/ml
21) T n-Octatriacontane (C38)	21.386	186515	1.726 ug/ml

(f)=RT Delta > 1/2 Window

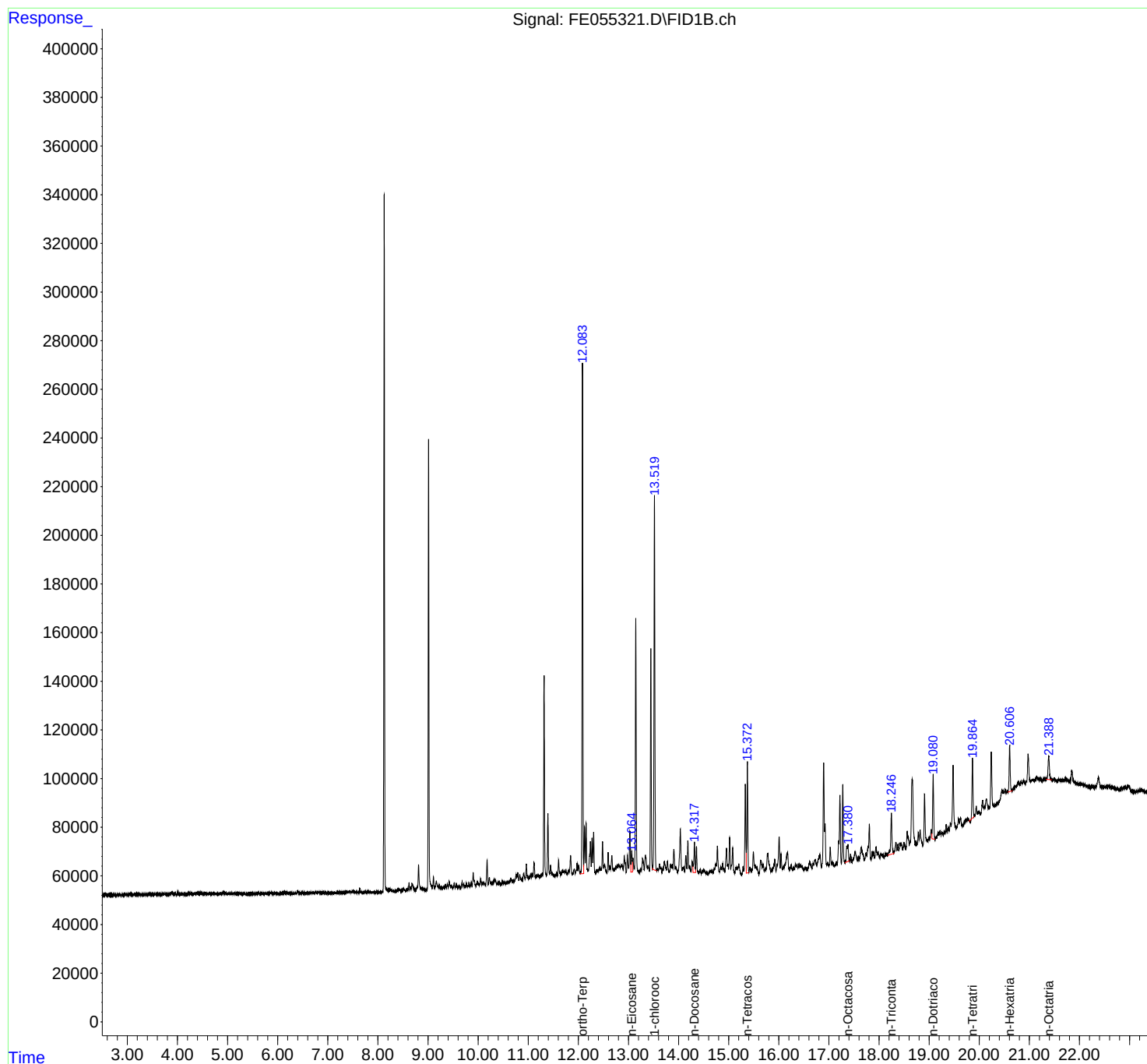
(m)=manual int.

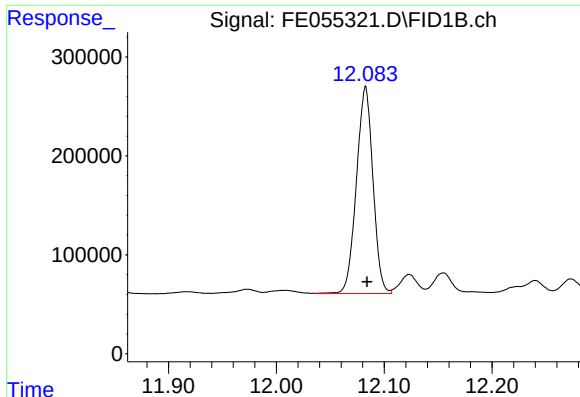
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Signal Info : 20M x 0.18mm x 0.18um

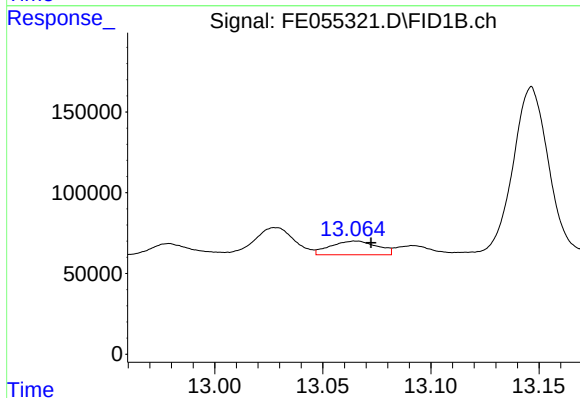




#9 ortho-Terphenyl (SURR)

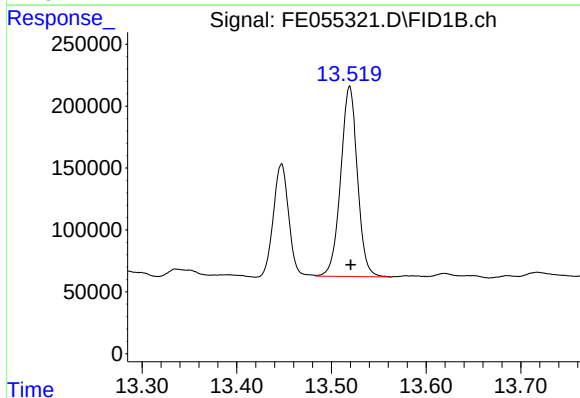
R.T.: 12.083 min
Delta R.T.: -0.002 min
Response: 2227443
Conc: 15.60 ug/ml

Instrument :
FID_C
ClientSampleId :



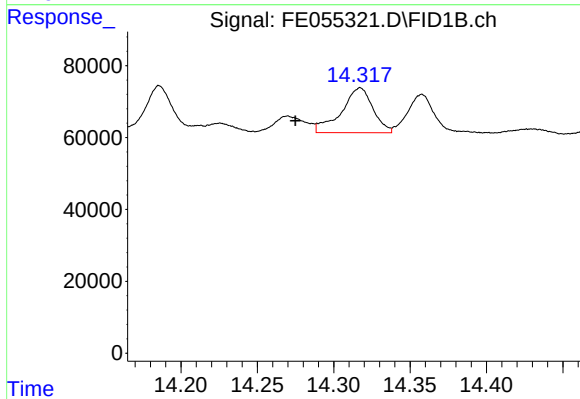
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.007 min
Response: 128432
Conc: 1.02 ug/ml



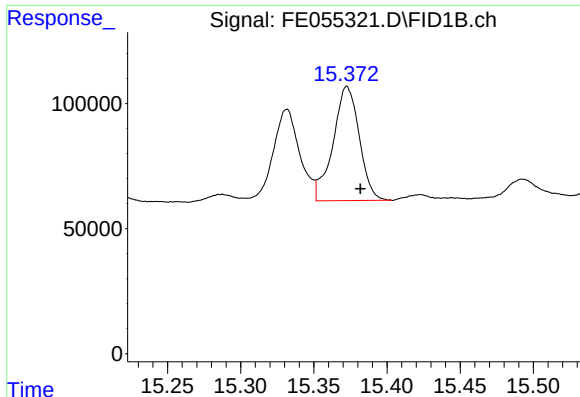
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 1887392
Conc: 17.55 ug/ml



#13 n-Docosane (C22)

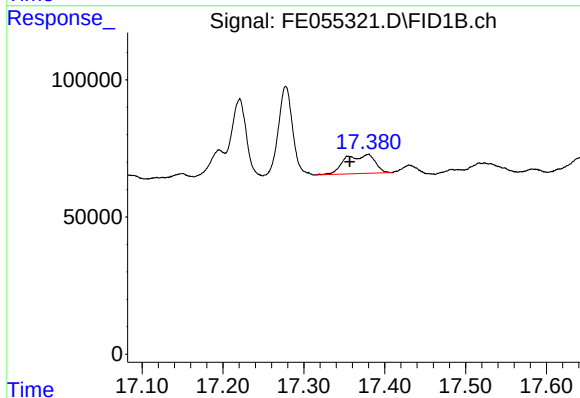
R.T.: 14.317 min
Delta R.T.: 0.042 min
Response: 179948
Conc: 1.47 ug/ml



#14 n-Tetracosane (C24)

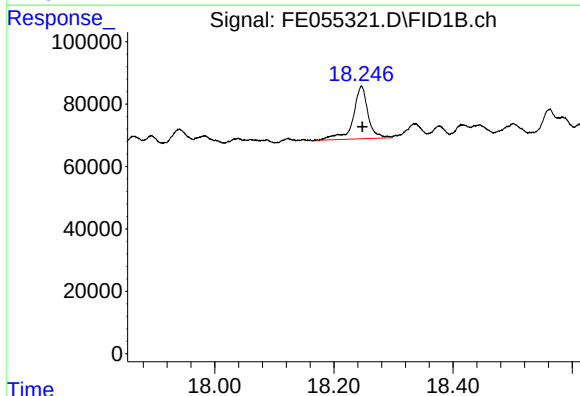
R.T.: 15.373 min
Delta R.T.: -0.009 min
Response: 570127
Conc: 4.69 ug/ml

Instrument :
FID_C
ClientSampleId :



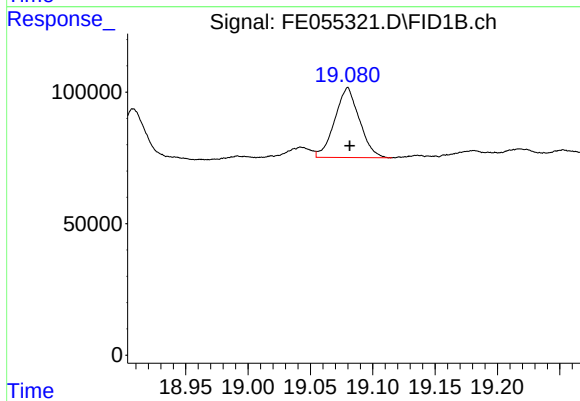
#16 n-Octacosane (C28)

R.T.: 17.379 min
Delta R.T.: 0.022 min
Response: 178333
Conc: 1.50 ug/ml



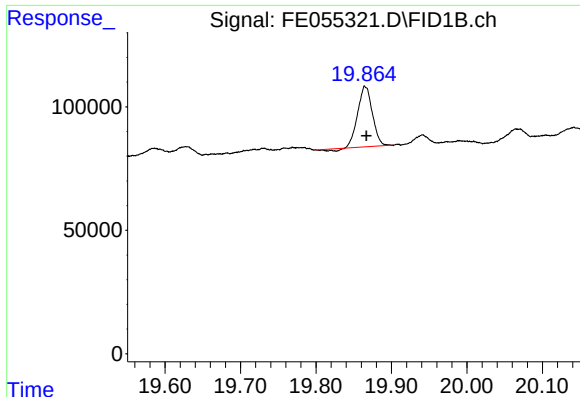
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 289986
Conc: 2.36 ug/ml



#18 n-Dotriacontane (C32)

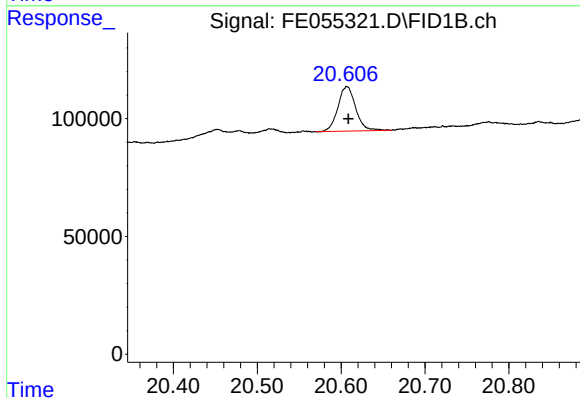
R.T.: 19.080 min
Delta R.T.: -0.002 min
Response: 364437
Conc: 2.99 ug/ml



#19 n-Tetratriacontane (C34)

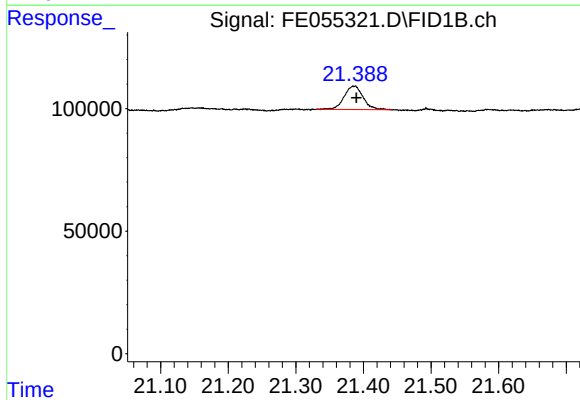
R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 325424
Conc: 2.78 ug/ml

Instrument :
FID_C
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: -0.002 min
Response: 280157
Conc: 2.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.003 min
Response: 186515
Conc: 1.73 ug/ml