

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091025AL\
 Data File : FE055747.D
 Signal(s) : FID1B.ch
 Acq On : 10 Sep 2025 16:13
 Operator : YP\AJ
 Sample : Q3048-01D
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-258

Integration File: autoint1.e
 Quant Time: Sep 11 00:26:54 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)	12.077	6674055	40.625 ug/ml
Spiked Amount 50.000		Recovery =	81.25%
12) S 1-chlorooctadecane (S...	13.513	5260096	42.066 ug/ml
Spiked Amount 50.000		Recovery =	84.13%
Target Compounds			
6) T n-Tetradecane (C14)	8.682	139566	1.060 ug/ml
7) T n-Hexadecane (C16)	10.298	124664	0.900 ug/ml
8) T n-Octadecane (C18)	11.747	170888	1.172 ug/ml
10) T n-Eicosane (C20)	13.061	172308	1.197 ug/ml
13) T n-Docosane (C22)	14.262	176881	1.236 ug/ml
14) T n-Tetracosane (C24)	15.365	806899	5.576 ug/ml
16) T n-Octacosane (C28)	17.373	309933	2.179 ug/ml
17) T n-Tricontane (C30)	18.237	187366	1.268 ug/ml
18) T n-Dotriacontane (C32)	19.071	626413	4.268 ug/ml
19) T n-Tetratriacontane (C34)	19.856	138550	0.981 ug/ml
20) T n-Hexatriacontane (C36)	20.598	104539	0.792 ug/ml

(f)=RT Delta > 1/2 Window

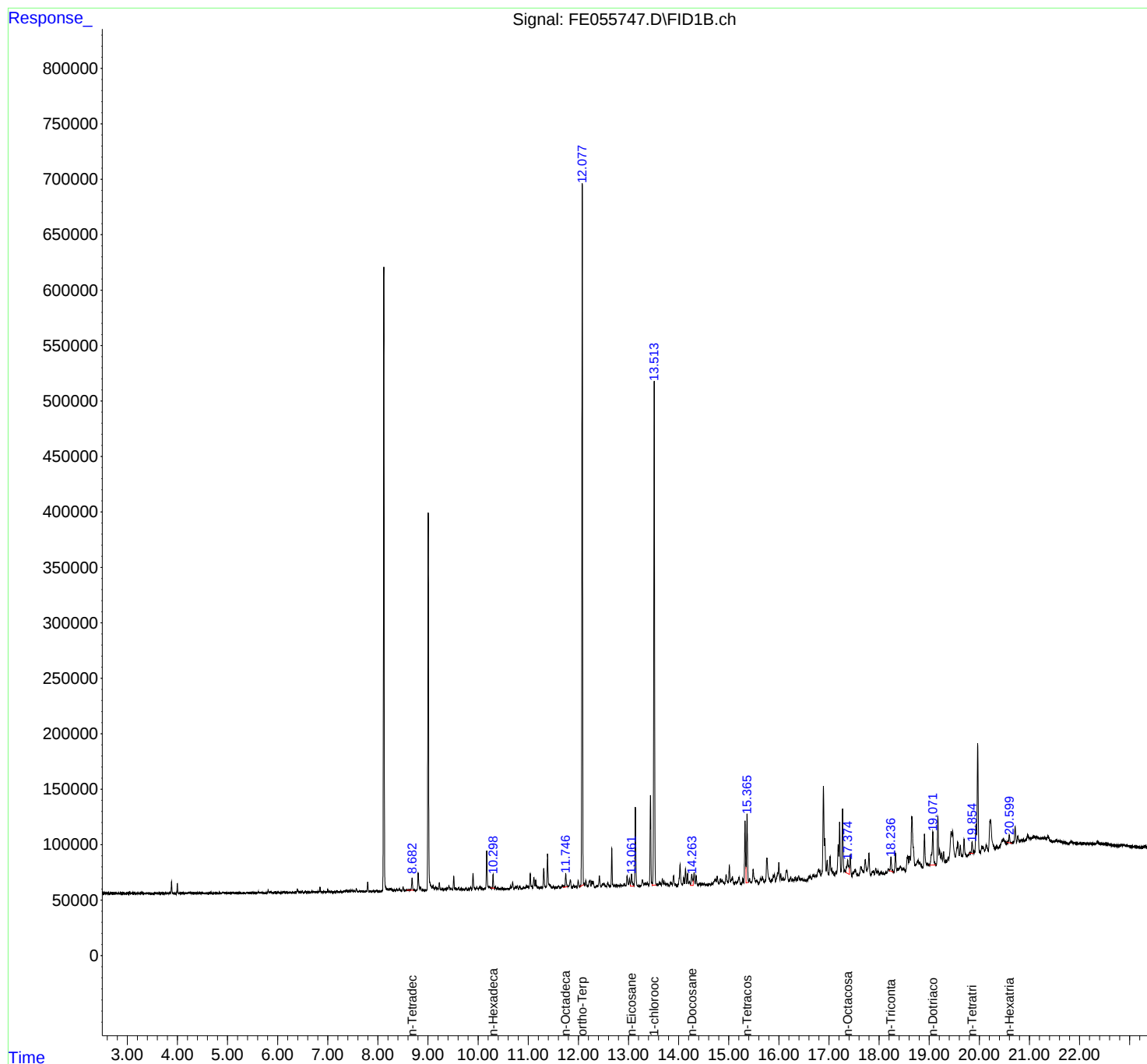
(m)=manual int.

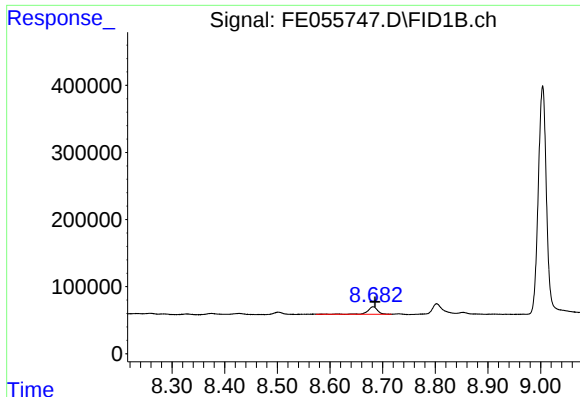
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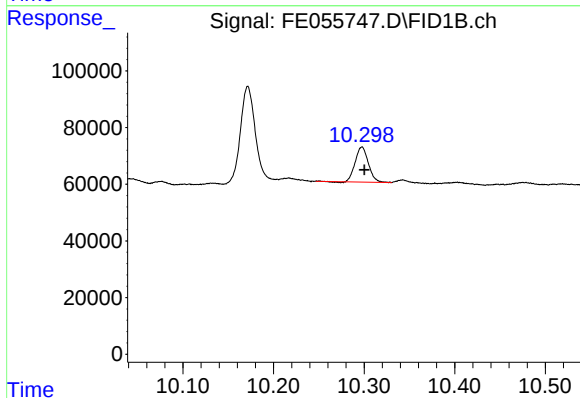




#6 n-Tetradecane (C14)

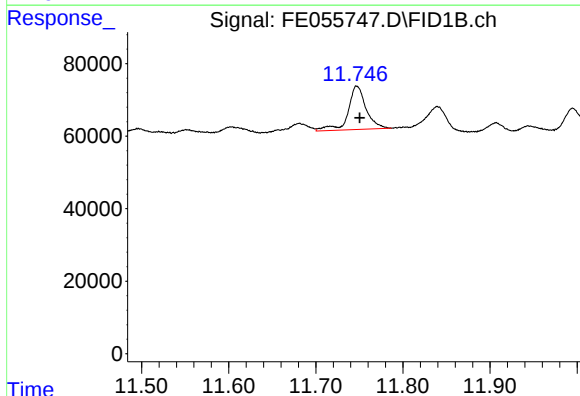
R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 139566
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-258



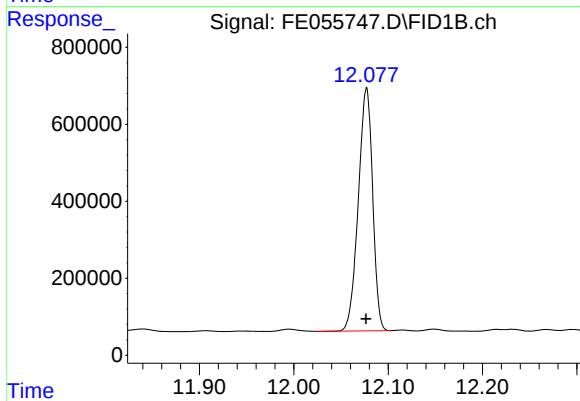
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.003 min
Response: 124664
Conc: 0.90 ug/ml



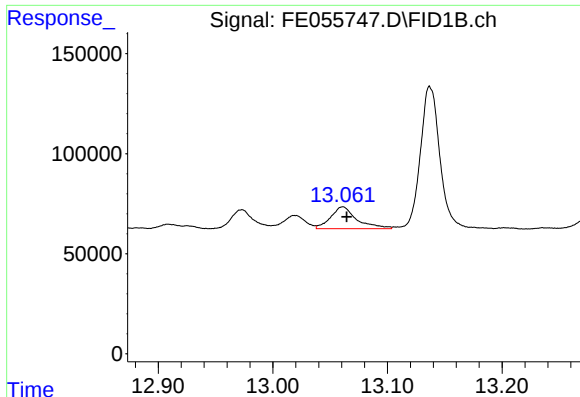
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 170888
Conc: 1.17 ug/ml



#9 ortho-Terphenyl (SURR)

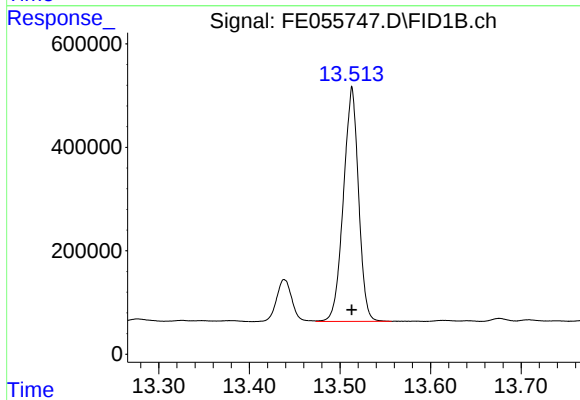
R.T.: 12.077 min
Delta R.T.: 0.000 min
Response: 6674055
Conc: 40.63 ug/ml



#10 n-Eicosane (C20)

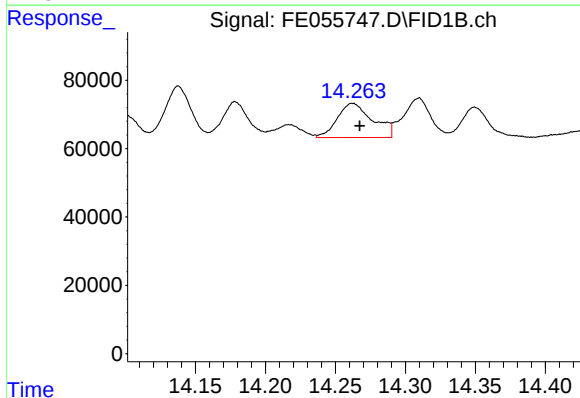
R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 172308
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-258



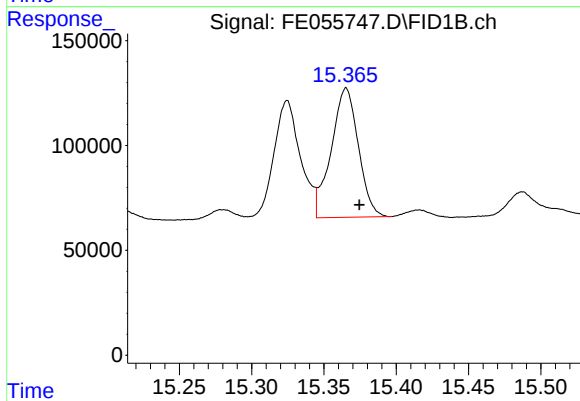
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 5260096
Conc: 42.07 ug/ml



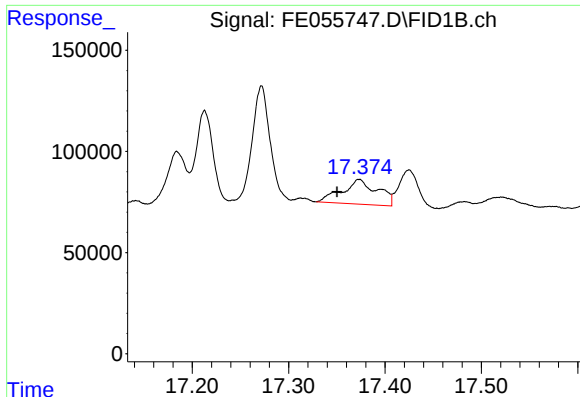
#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: -0.005 min
Response: 176881
Conc: 1.24 ug/ml



#14 n-Tetracosane (C24)

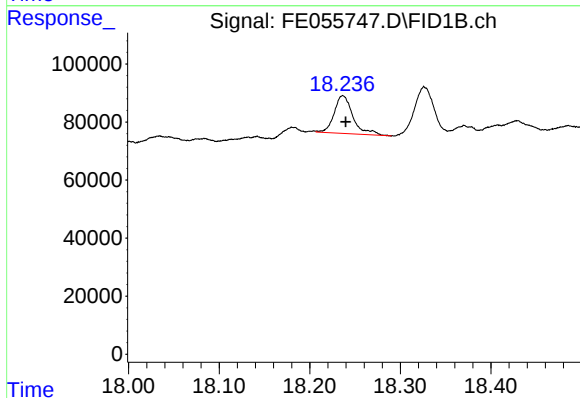
R.T.: 15.365 min
Delta R.T.: -0.009 min
Response: 806899
Conc: 5.58 ug/ml



#16 n-Octacosane (C28)

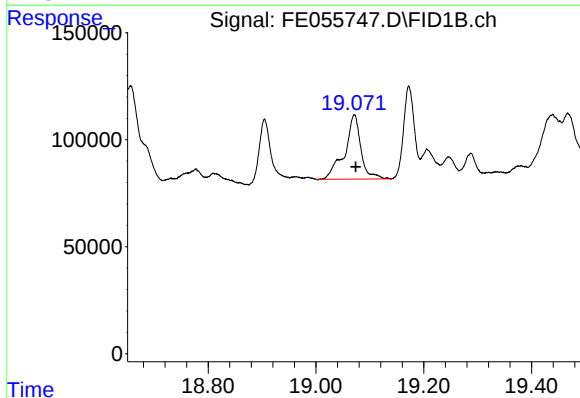
R.T.: 17.373 min
Delta R.T.: 0.023 min
Response: 309933
Conc: 2.18 ug/ml

Instrument :
FID_E
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VNJ-258



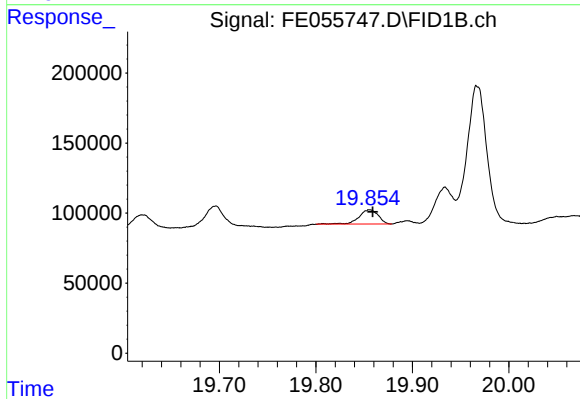
#17 n-Tricontane (C30)

R.T.: 18.237 min
Delta R.T.: -0.003 min
Response: 187366
Conc: 1.27 ug/ml



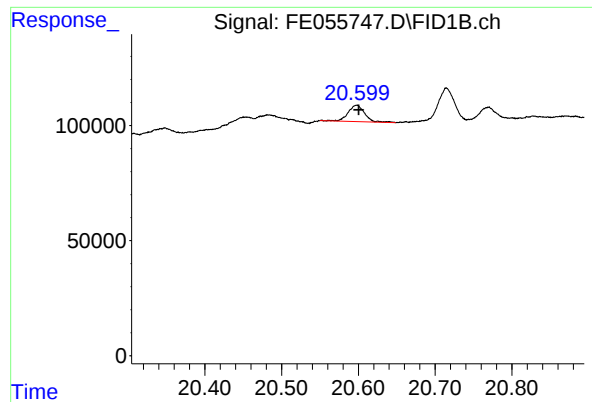
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: -0.003 min
Response: 626413
Conc: 4.27 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 138550
Conc: 0.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.598 min
Delta R.T.: -0.003 min
Response: 104539
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-258