

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091125AL\
 Data File : FE055766.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2025 08:34
 Operator : YP\AJ
 Sample : Q3055-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-090925DL

Integration File: autoint1.e
 Quant Time: Sep 12 01:18:34 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)	12.073	2933183	17.854 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	13.510	2495799	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
10) T n-Eicosane (C20)	13.018	94300	0.655 ug/ml
13) T n-Docosane (C22)	14.307	187840	1.312 ug/ml
14) T n-Tetracosane (C24)	15.364	658452	4.551 ug/ml
16) T n-Octacosane (C28)	17.373	242471	1.705 ug/ml
17) T n-Tricontane (C30)	18.237	292193	1.977 ug/ml
18) T n-Dotriacontane (C32)	19.069	277862	1.893 ug/ml
19) T n-Tetratriacontane (C34)	19.857	139194	0.985 ug/ml
20) T n-Hexatriacontane (C36)	20.598	115646	0.876 ug/ml
21) T n-Octatriacontane (C38)	21.371	205072	1.575 ug/ml
22) T n-Tetracontane (C40)	22.356	146892	1.145 ug/ml

(f)=RT Delta > 1/2 Window

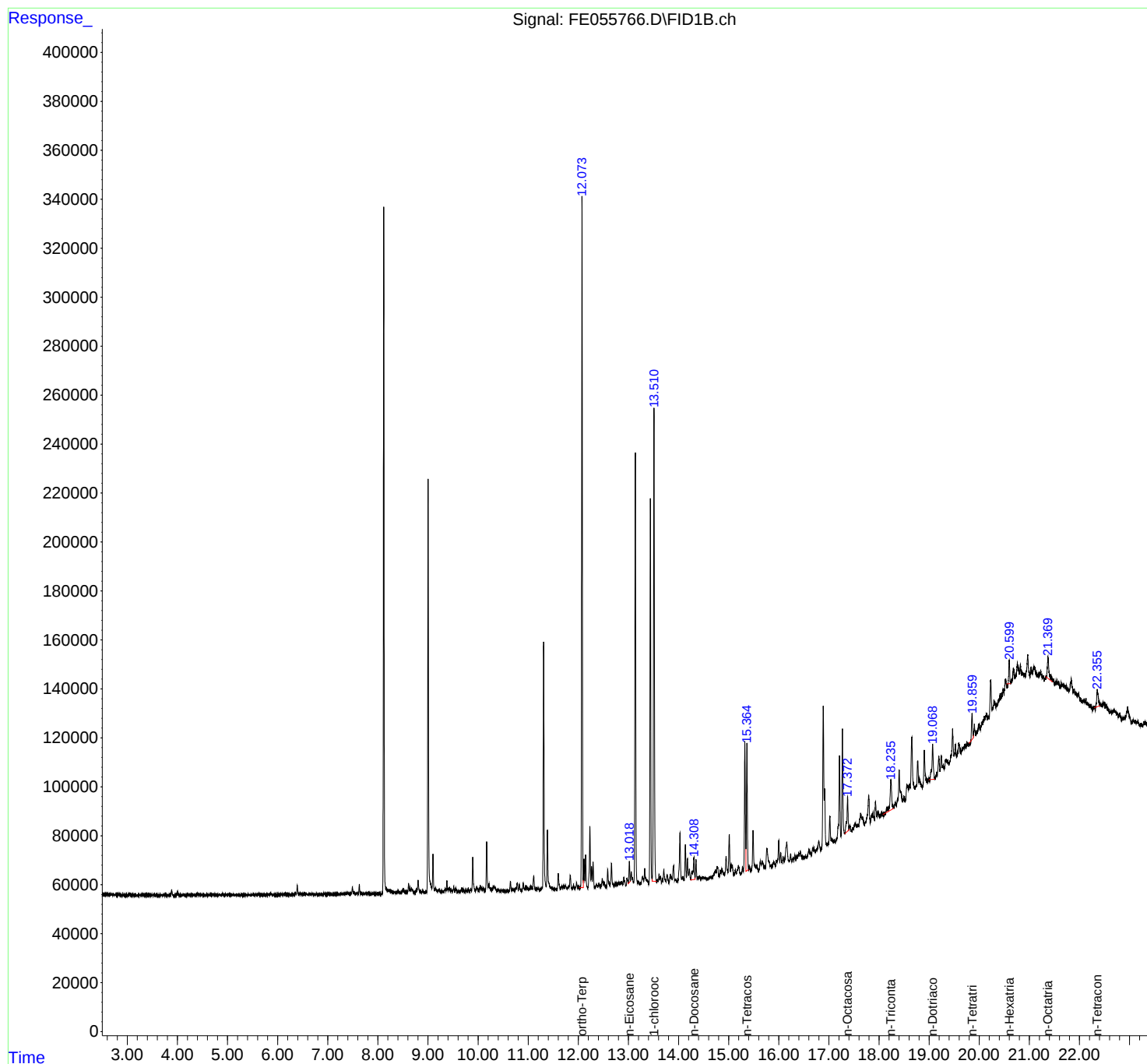
(m)=manual int.

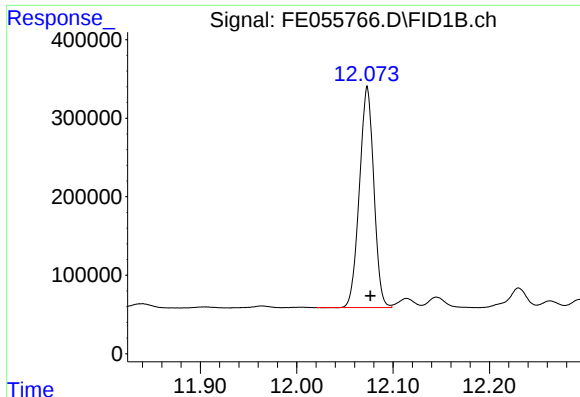
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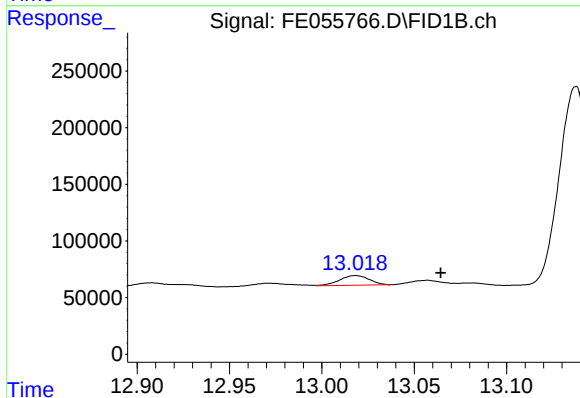




#9 ortho-Terphenyl (SURR)

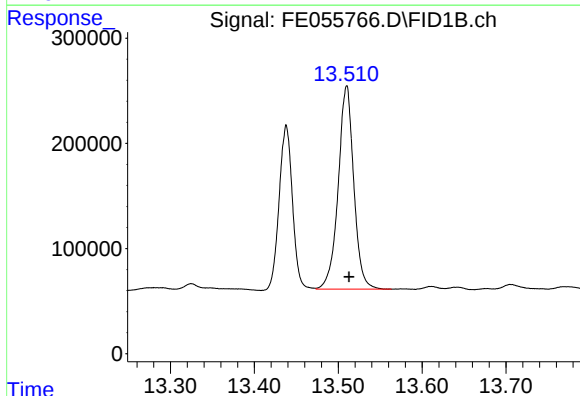
R.T.: 12.073 min
Delta R.T.: -0.004 min
Response: 2933183
Conc: 17.85 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-090925DL



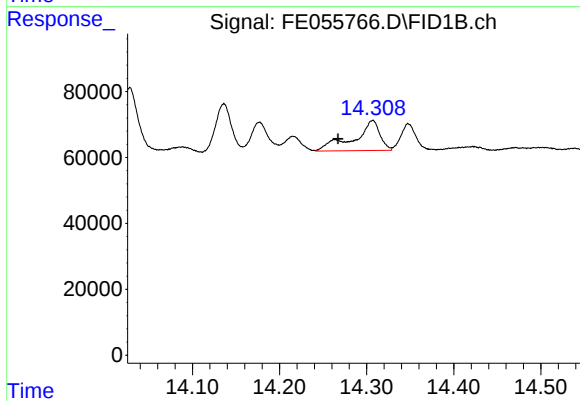
#10 n-Eicosane (C20)

R.T.: 13.018 min
Delta R.T.: -0.046 min
Response: 94300
Conc: 0.66 ug/ml



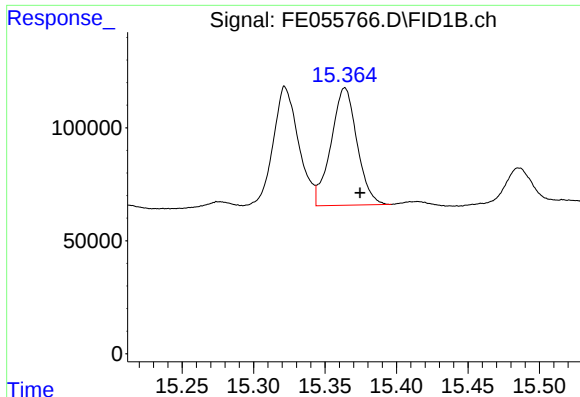
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2495799
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

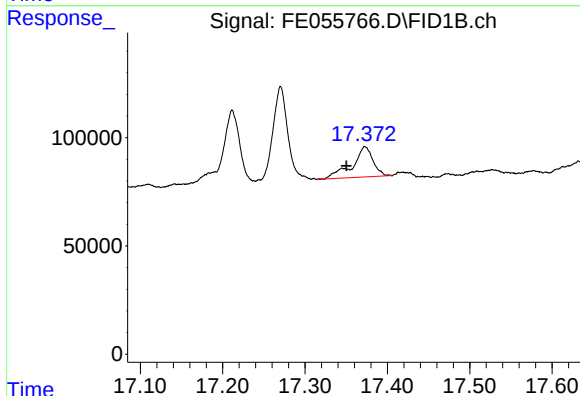
R.T.: 14.307 min
Delta R.T.: 0.039 min
Response: 187840
Conc: 1.31 ug/ml



#14 n-Tetracosane (C24)

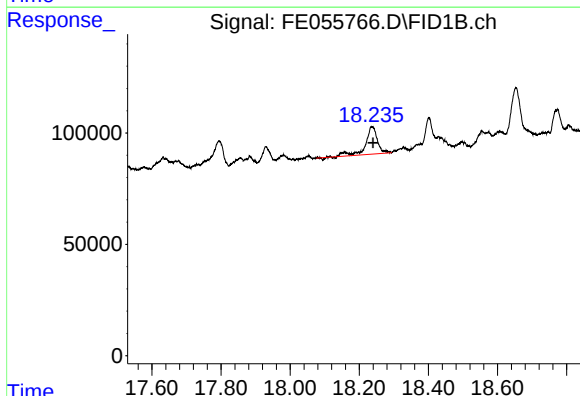
R.T.: 15.364 min
Delta R.T.: -0.011 min
Response: 658452
Conc: 4.55 ug/ml

Instrument :
FID_E
ClientSampleId :
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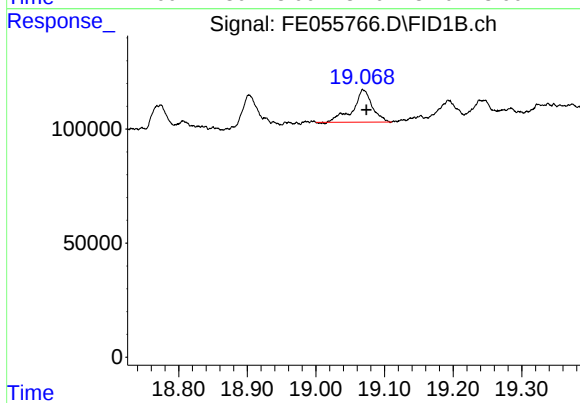
#16 n-Octacosane (C28)

R.T.: 17.373 min
Delta R.T.: 0.023 min
Response: 242471
Conc: 1.70 ug/ml



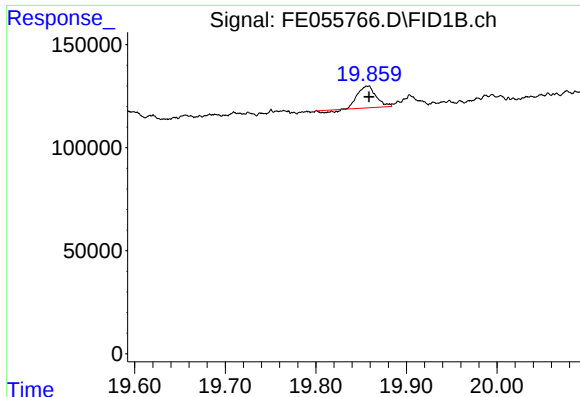
#17 n-Tricontane (C30)

R.T.: 18.237 min
Delta R.T.: -0.003 min
Response: 292193
Conc: 1.98 ug/ml



#18 n-Dotriacontane (C32)

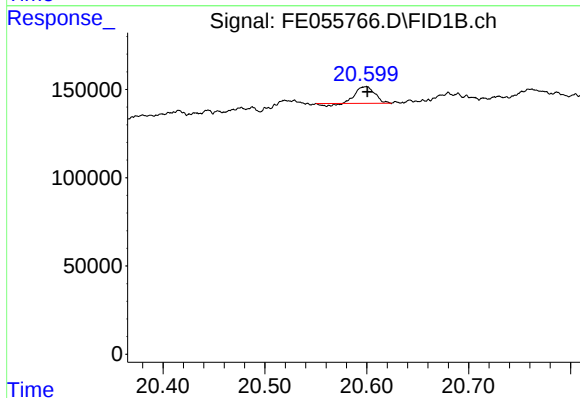
R.T.: 19.069 min
Delta R.T.: -0.004 min
Response: 277862
Conc: 1.89 ug/ml



#19 n-Tetratriacontane (C34)

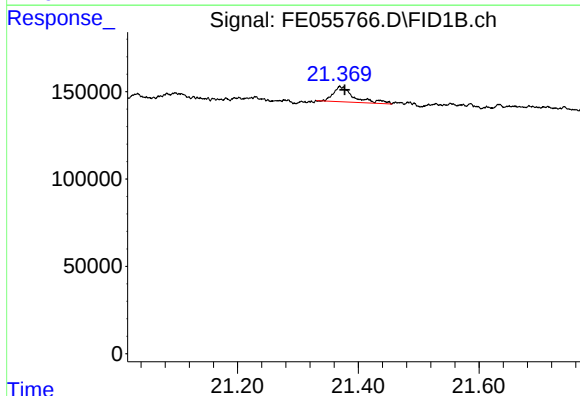
R.T.: 19.857 min
Delta R.T.: -0.002 min
Response: 139194
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :
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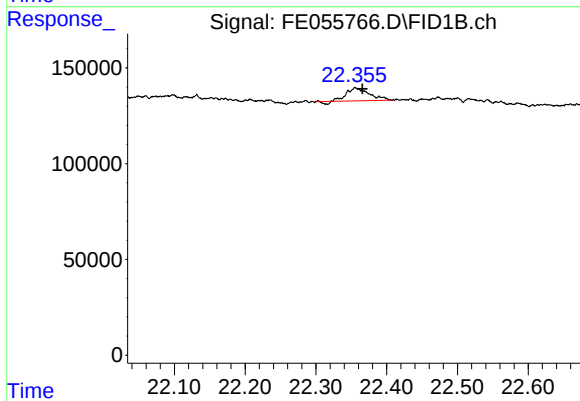
#20 n-Hexatriacontane (C36)

R.T.: 20.598 min
Delta R.T.: -0.002 min
Response: 115646
Conc: 0.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.007 min
Response: 205072
Conc: 1.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: -0.009 min
Response: 146892
Conc: 1.15 ug/ml