

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072425AL\
 Data File : FE055013.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2025 10:52
 Operator : YP\AJ
 Sample : Q2677-03DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-03-07222025DL

Integration File: autoint1.e
 Quant Time: Jul 25 02:20:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.088	814616	5.016 ug/ml
Spiked Amount 50.000		Recovery =	10.03%
12) S 1-chlorooctadecane (S...	13.525	645442	5.111 ug/ml
Spiked Amount 50.000		Recovery =	10.22%
Target Compounds			
10) T n-Eicosane (C20)	13.074	40629	0.283 ug/ml
13) T n-Docosane (C22)	14.323	38646	0.271 ug/ml
14) T n-Tetracosane (C24)	15.380	74662	0.514 ug/ml
15) T n-Hexacosane (C26)	16.410	46200	0.319 ug/ml
16) T n-Octacosane (C28)	17.363	52674	0.361 ug/ml
17) T n-Tricontane (C30)	18.251	138227	0.877 ug/ml
18) T n-Dotriacontane (C32)	19.086	126890	0.784 ug/ml
19) T n-Tetratriacontane (C34)	19.869	58318	0.383 ug/ml
20) T n-Hexatriacontane (C36)	20.612	35660	0.265 ug/ml
21) T n-Octatriacontane (C38)	21.388	214232	1.827 ug/ml
22) T n-Tetracontane (C40)	22.393	25451	0.235 ug/ml

(f)=RT Delta > 1/2 Window

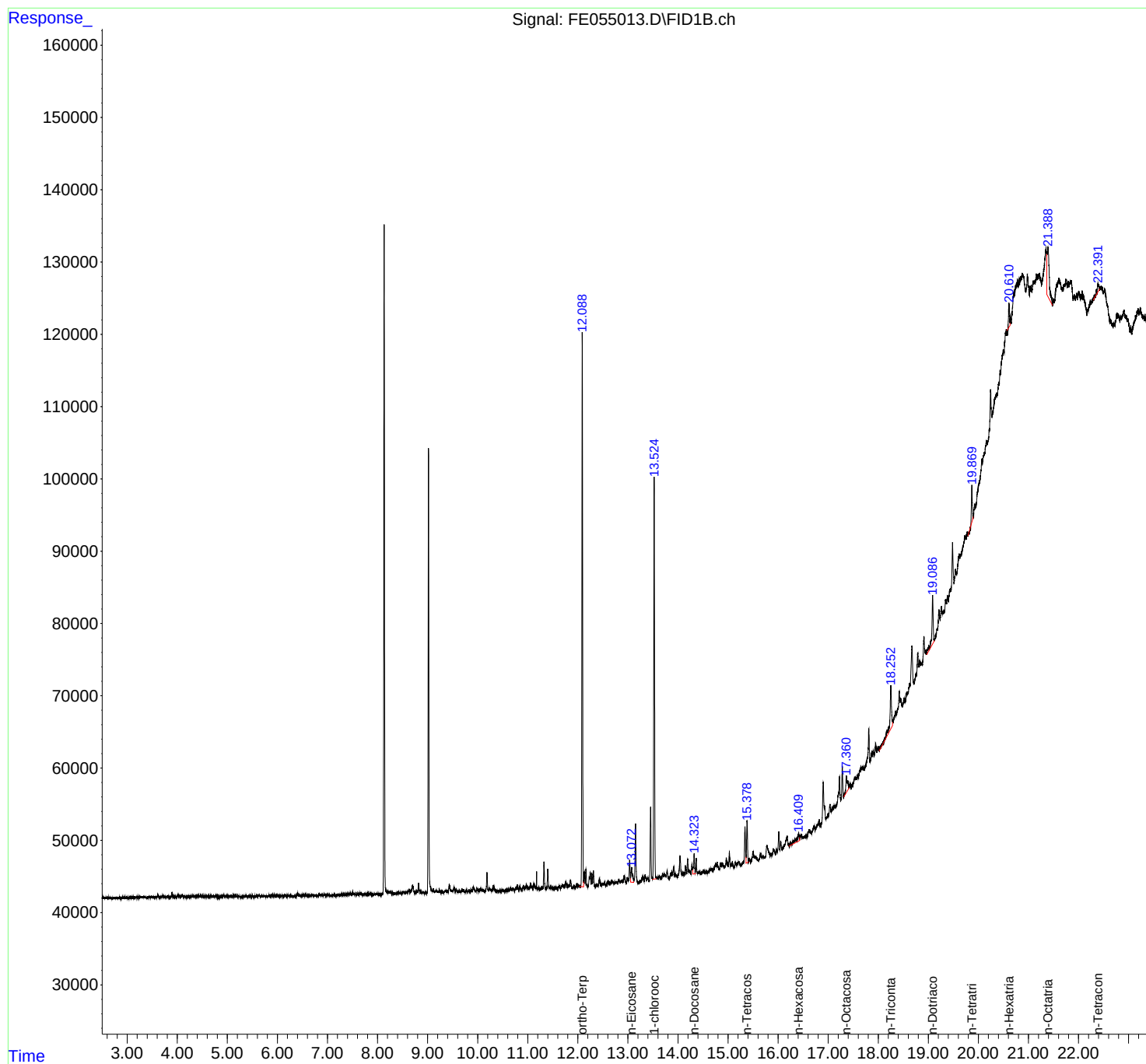
(m)=manual int.

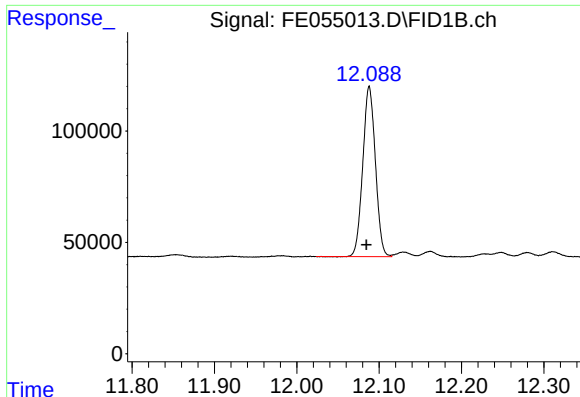
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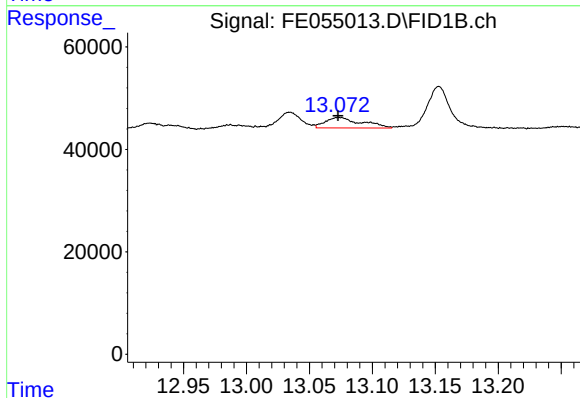




#9 ortho-Terphenyl (SURR)

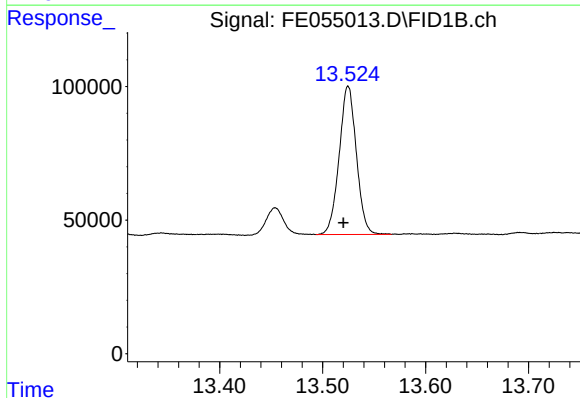
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 814616
Conc: 5.02 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-03-07222025DL



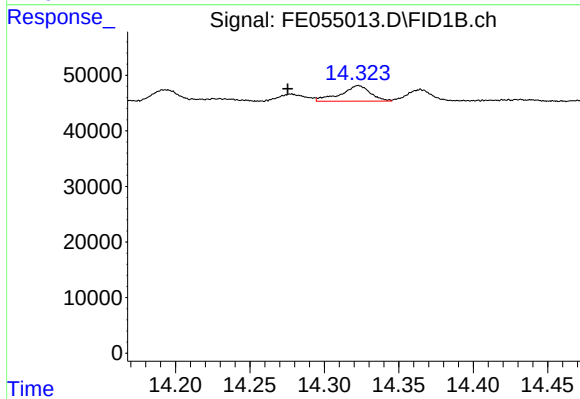
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.000 min
Response: 40629
Conc: 0.28 ug/ml



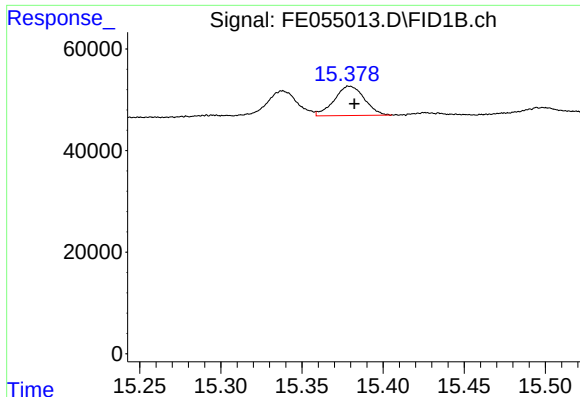
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 645442
Conc: 5.11 ug/ml



#13 n-Docosane (C22)

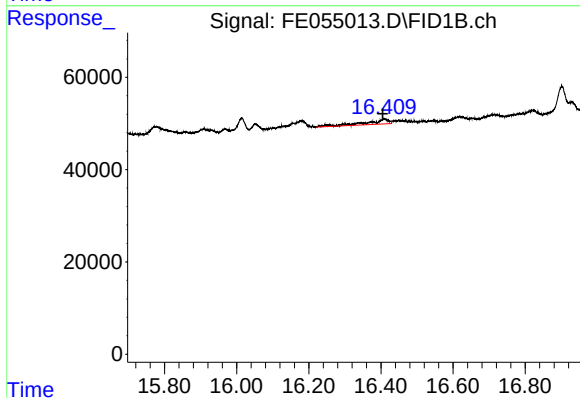
R.T.: 14.323 min
Delta R.T.: 0.048 min
Response: 38646
Conc: 0.27 ug/ml



#14 n-Tetracosane (C24)

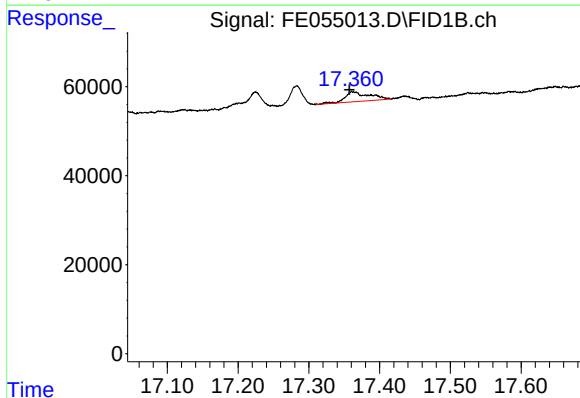
R.T.: 15.380 min
Delta R.T.: -0.003 min
Response: 74662
Conc: 0.51 ug/ml

Instrument :
FID_E
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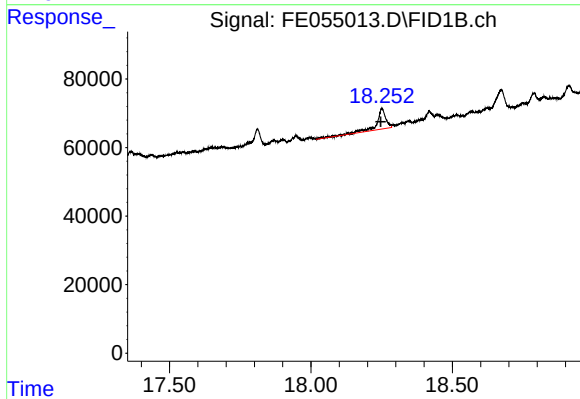
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.004 min
Response: 46200
Conc: 0.32 ug/ml



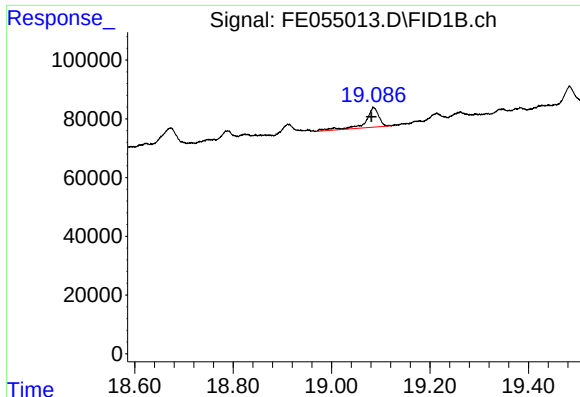
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: 0.005 min
Response: 52674
Conc: 0.36 ug/ml



#17 n-Tricontane (C30)

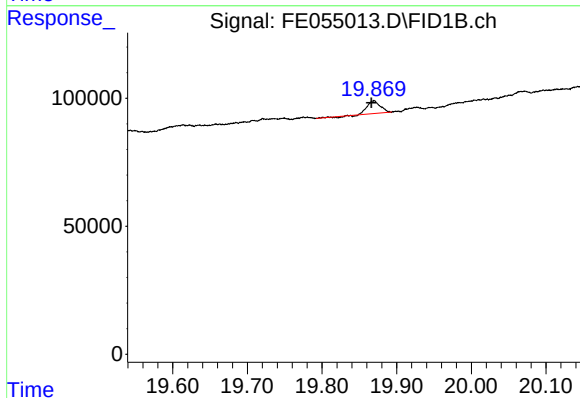
R.T.: 18.251 min
Delta R.T.: 0.005 min
Response: 138227
Conc: 0.88 ug/ml



#18 n-Dotriacontane (C32)

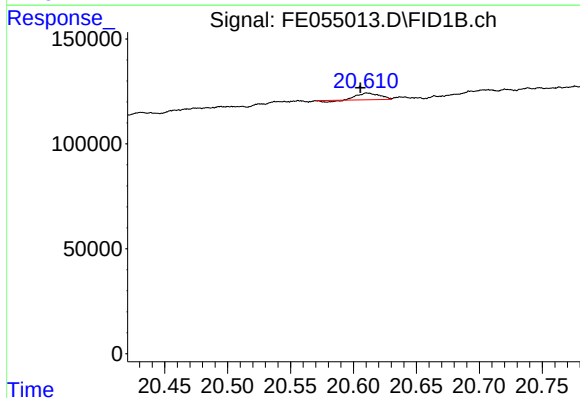
R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 126890
Conc: 0.78 ug/ml

Instrument :
FID_E
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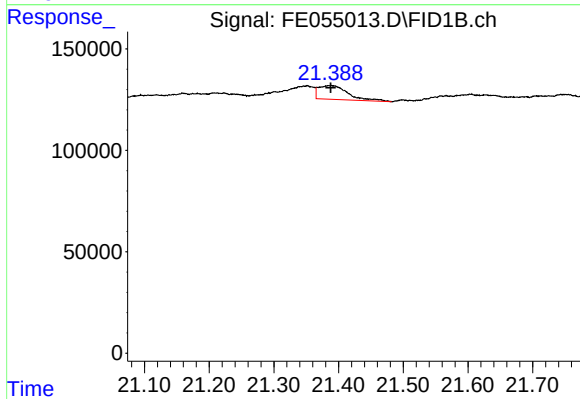
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.003 min
Response: 58318
Conc: 0.38 ug/ml



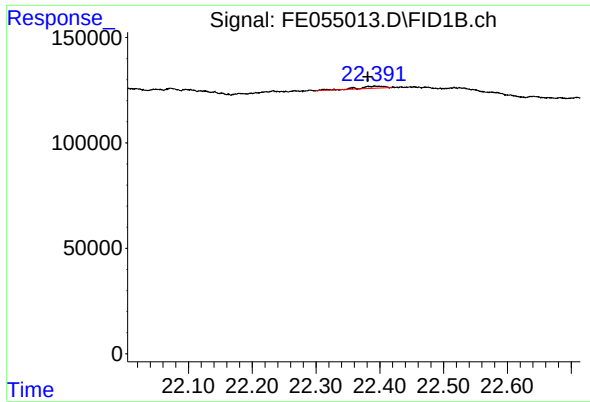
#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.006 min
Response: 35660
Conc: 0.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 214232
Conc: 1.83 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.393 min
Delta R.T.: 0.013 min
Response: 25451
Conc: 0.23 ug/ml

Instrument :

FID_E

ClientSampleId :

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