

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055208.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 13:46
 Operator : YP\AJ
 Sample : Q2774-10DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 248-E2DL

Integration File: autoint1.e
 Quant Time: Aug 08 14:11:36 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	685759	4.802 ug/ml
Spiked Amount 50.000		Recovery =	9.60%
12) S 1-chlorooctadecane (S...	13.520	517458	4.812 ug/ml
Spiked Amount 50.000		Recovery =	9.62%
Target Compounds			
7) T n-Hexadecane (C16)	10.323	19873	0.155 ug/ml
8) T n-Octadecane (C18)	11.794	39339	0.302 ug/ml
10) T n-Eicosane (C20)	13.017f	38769	0.309 ug/ml
11) T n-Heneicosane (C21)	13.740f	32797	0.266 ug/ml
14) T n-Tetracosane (C24)	15.378	27877	0.229 ug/ml
16) T n-Octacosane (C28)	17.358	48880	0.412 ug/ml
17) T n-Tricontane (C30)	18.247	66293	0.539 ug/ml
18) T n-Dotriacontane (C32)	19.081	129595	1.062 ug/ml
19) T n-Tetratriacontane (C34)	19.866	66811	0.571 ug/ml
20) T n-Hexatriacontane (C36)	20.609	69427	0.635 ug/ml
21) T n-Octatriacontane (C38)	21.392	77095	0.713 ug/ml
22) T n-Tetracontane (C40)	22.384	2763	0.026 ug/ml

(f)=RT Delta > 1/2 Window

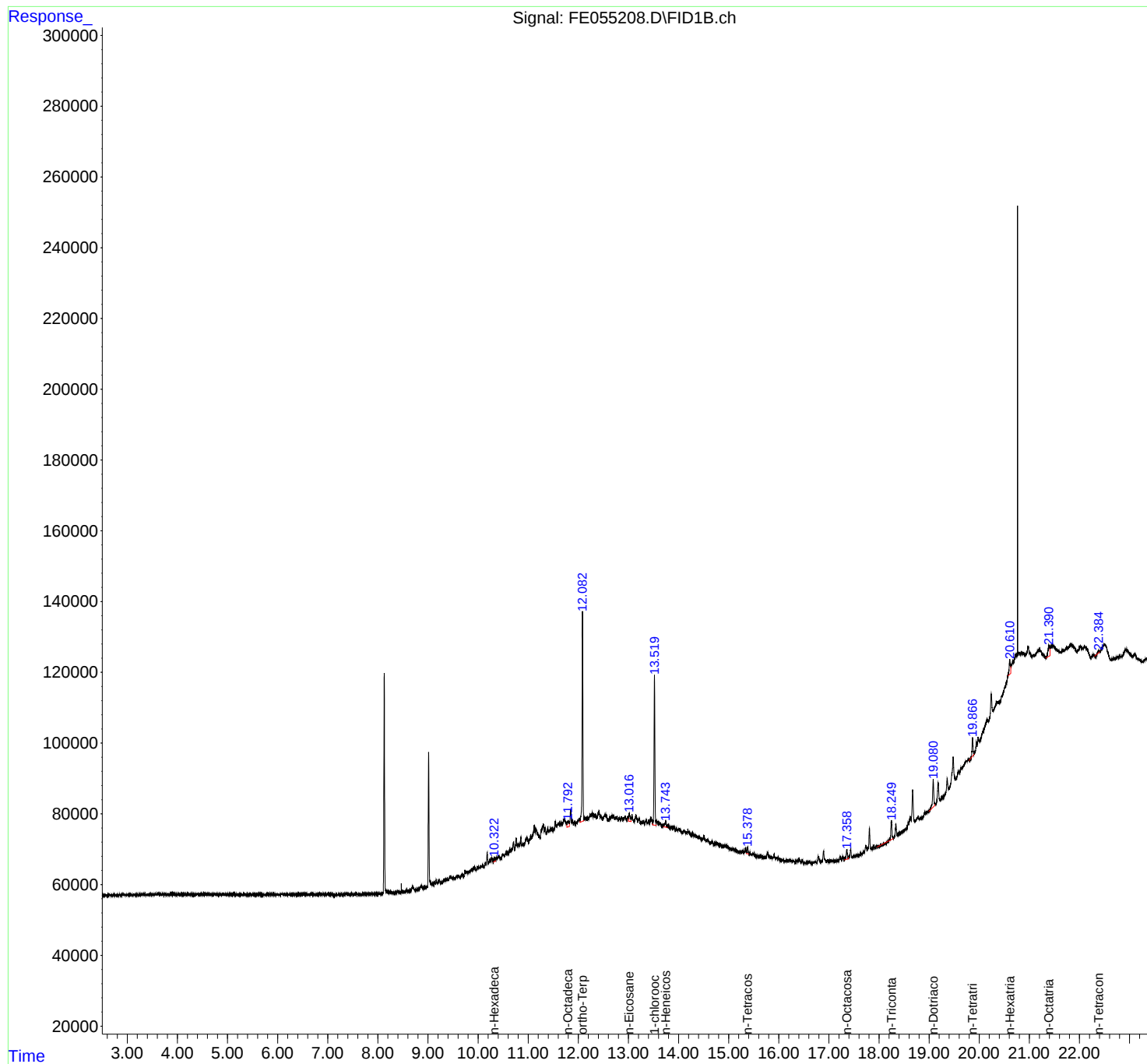
(m)=manual int.

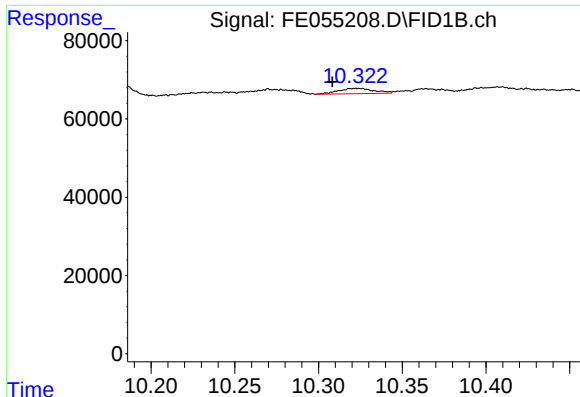
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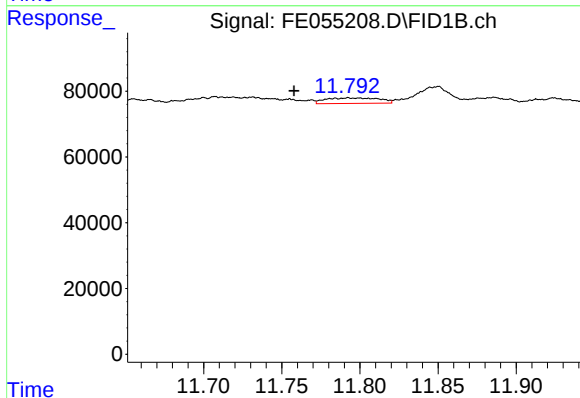




#7 n-Hexadecane (C16)

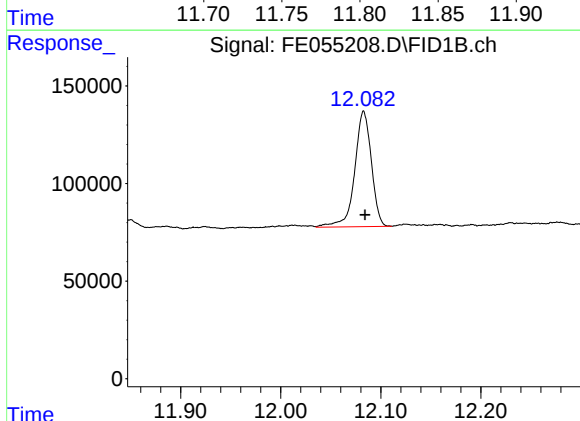
R.T.: 10.323 min
Delta R.T.: 0.014 min
Response: 19873
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
248-E2DL



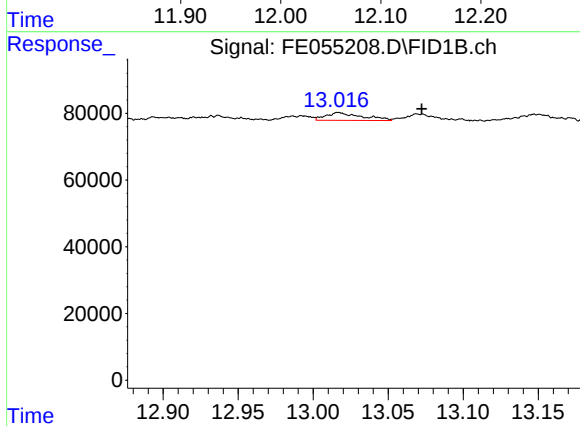
#8 n-Octadecane (C18)

R.T.: 11.794 min
Delta R.T.: 0.036 min
Response: 39339
Conc: 0.30 ug/ml



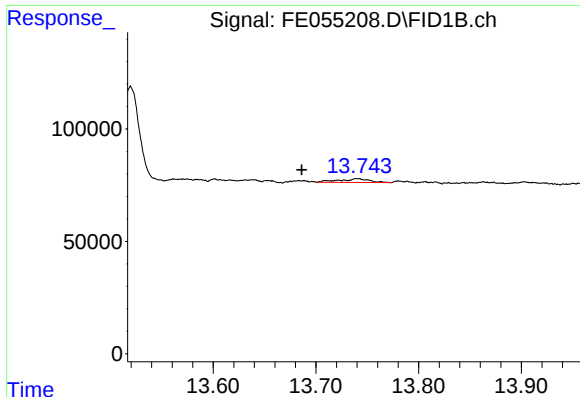
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 685759
Conc: 4.80 ug/ml



#10 n-Eicosane (C20)

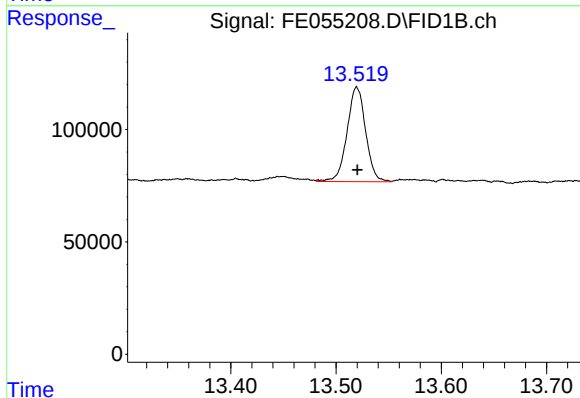
R.T.: 13.017 min
Delta R.T.: -0.055 min
Response: 38769
Conc: 0.31 ug/ml



#11 n-Heneicosane (C21)

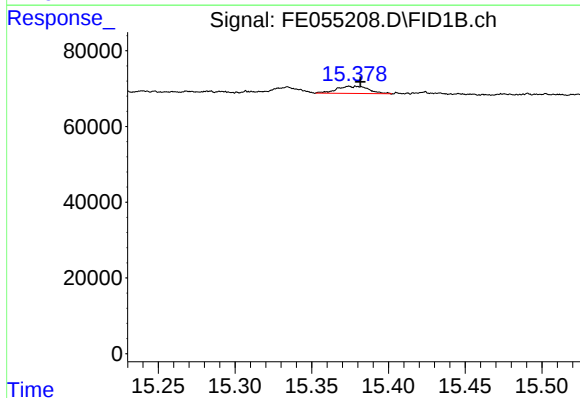
R.T.: 13.740 min
Delta R.T.: 0.054 min
Response: 32797
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
248-E2DL



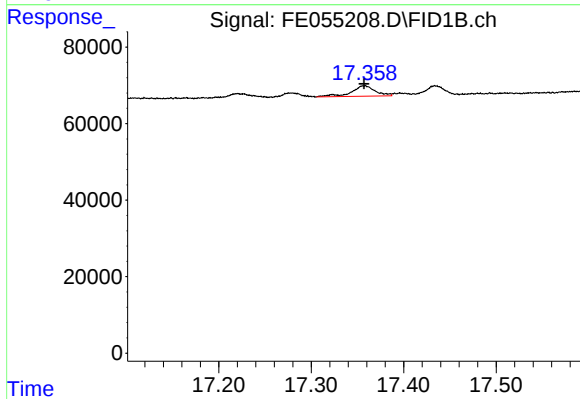
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 517458
Conc: 4.81 ug/ml



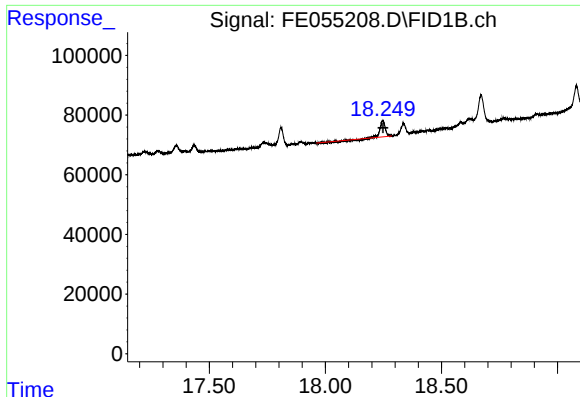
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.004 min
Response: 27877
Conc: 0.23 ug/ml



#16 n-Octacosane (C28)

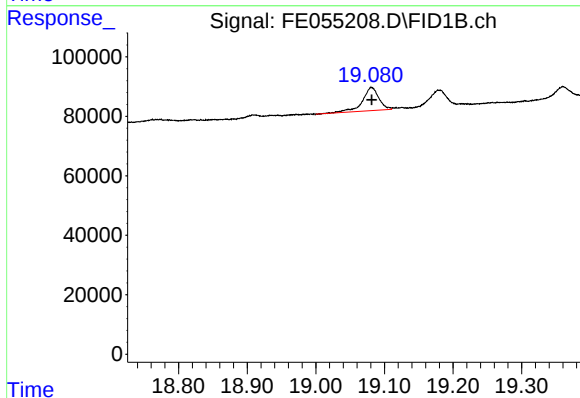
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 48880
Conc: 0.41 ug/ml



#17 n-Tricontane (C30)

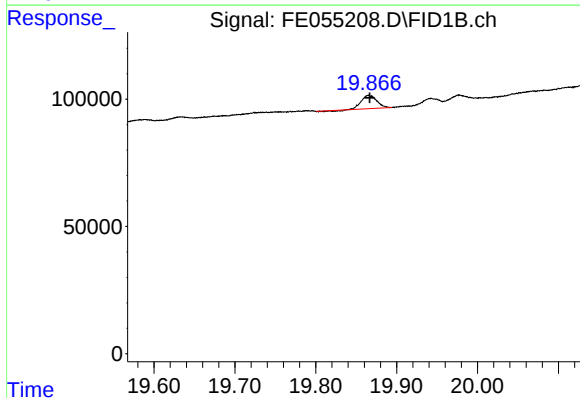
R.T.: 18.247 min
Delta R.T.: -0.001 min
Response: 66293
Conc: 0.54 ug/ml

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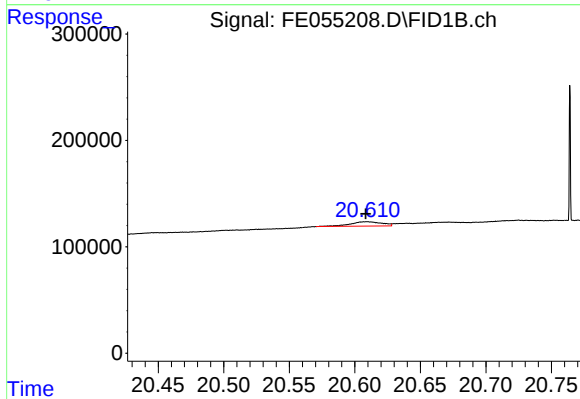
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 129595
Conc: 1.06 ug/ml



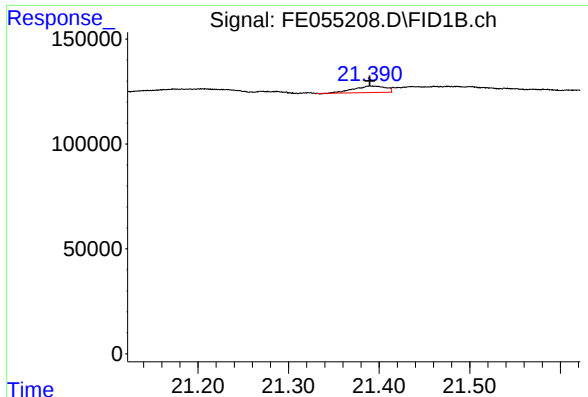
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 66811
Conc: 0.57 ug/ml



#20 n-Hexatriacontane (C36)

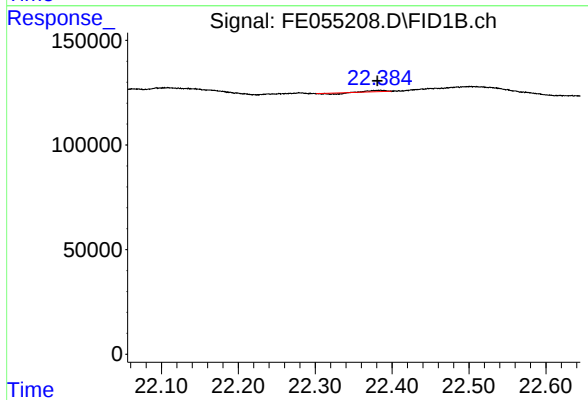
R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 69427
Conc: 0.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.002 min
Response: 77095
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.003 min
Response: 2763
Conc: 0.03 ug/ml