

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056646.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 20:29
 Operator : YP\AJ
 Sample : Q3519-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-103125

Integration File: autoint1.e
 Quant Time: Nov 04 00:44:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.975	4720082	22.594 ug/ml
Spiked Amount 50.000		Recovery =	45.19%
12) S 1-chlorooctadecane (S...	13.414	3812150	23.661 ug/ml
Spiked Amount 50.000		Recovery =	47.32%
Target Compounds			
4) T n-Dodecane (C12)	6.753	172381	0.991 ug/ml
6) T n-Tetradecane (C14)	8.588	300400	1.721 ug/ml
7) T n-Hexadecane (C16)	10.201	275362	1.505 ug/ml
8) T n-Octadecane (C18)	11.650	185087	0.978 ug/ml
10) T n-Eicosane (C20)	12.964	198804	1.067 ug/ml
11) T n-Heneicosane (C21)	13.579	80907	0.440 ug/ml
13) T n-Docosane (C22)	14.169	110321	0.589 ug/ml
14) T n-Tetracosane (C24)	15.273	742555	3.791 ug/ml
17) T n-Tricontane (C30)	18.147	108174	0.540 ug/ml
18) T n-Dotriacontane (C32)	18.977	170179	0.865 ug/ml
19) T n-Tetratriacontane (C34)	19.758	98486	0.571 ug/ml
20) T n-Hexatriacontane (C36)	20.498	27889	0.193 ug/ml
21) T n-Octatriacontane (C38)	21.223	100867	0.801 ug/ml
22) T n-Tetracontane (C40)	22.189	69282	0.599 ug/ml

(f)=RT Delta > 1/2 Window

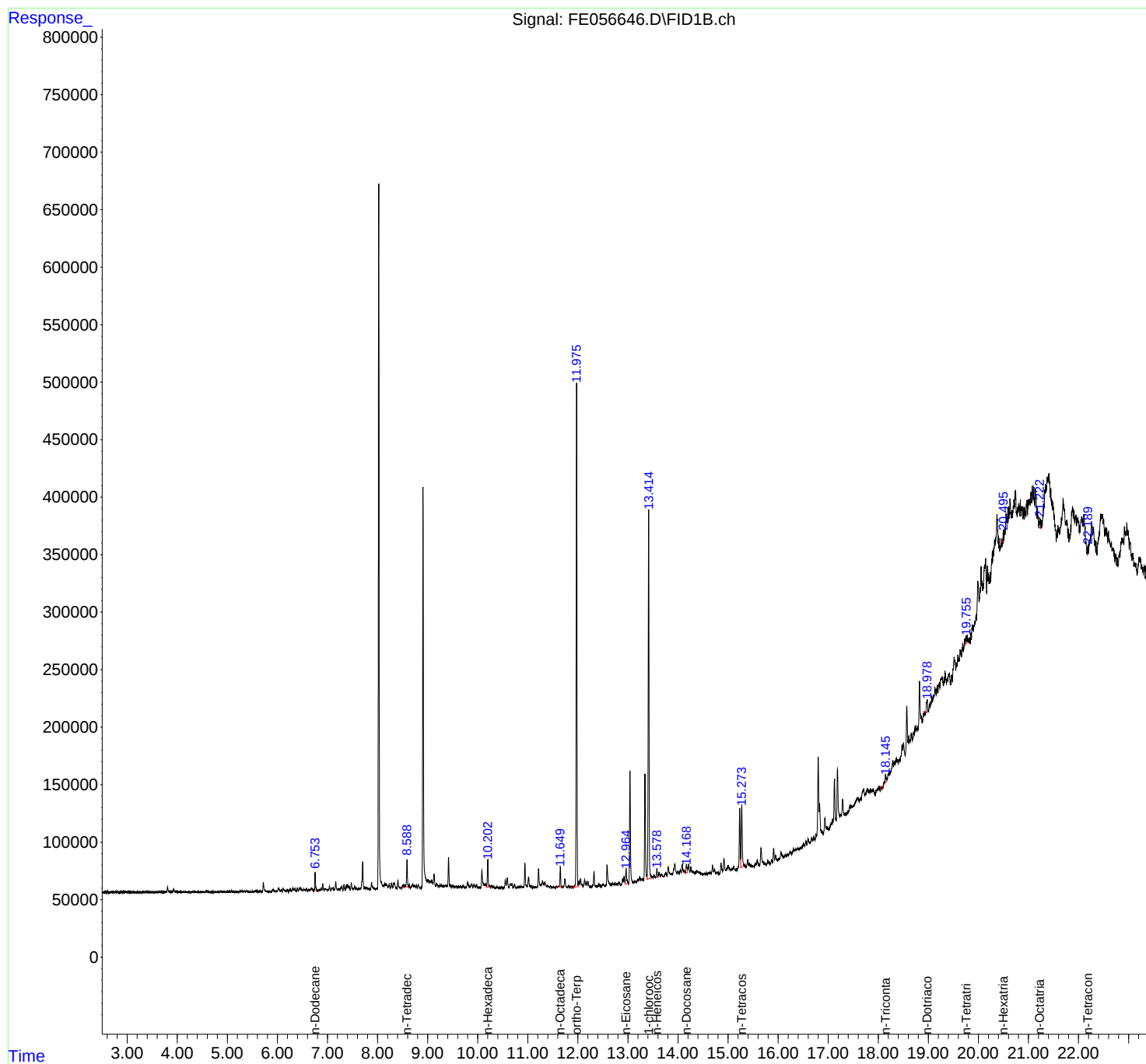
(m)=manual int.

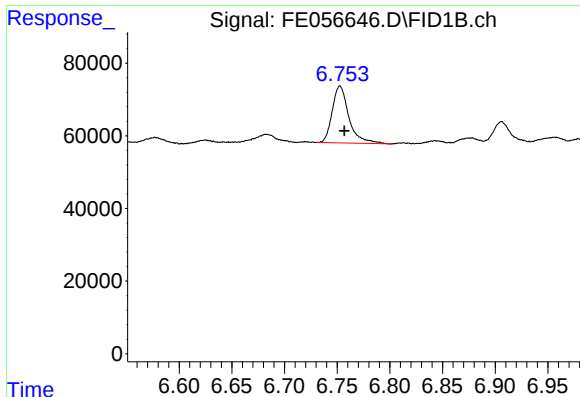
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Signal Info : 20M x 0.18mm x 0.18um

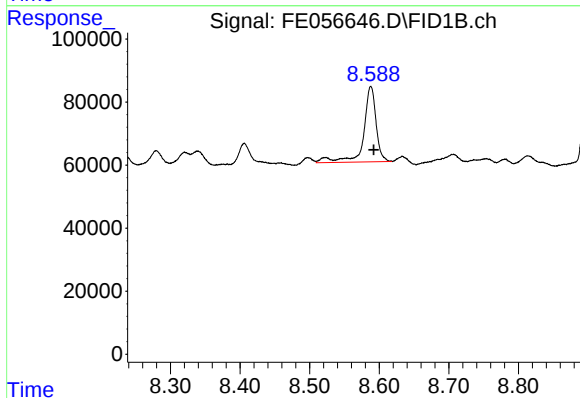




#4 n-Dodecane (C12)

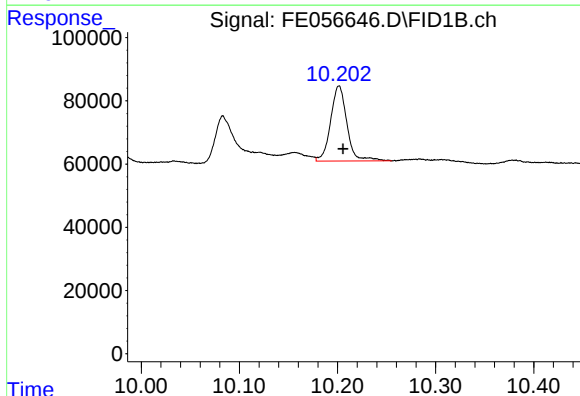
R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 172381
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :
PL-01-103125



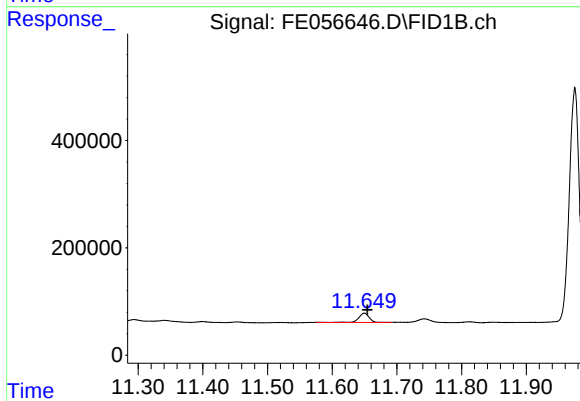
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 300400
Conc: 1.72 ug/ml



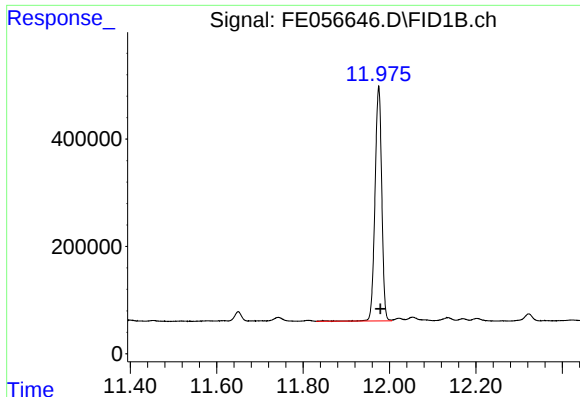
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.004 min
Response: 275362
Conc: 1.51 ug/ml



#8 n-Octadecane (C18)

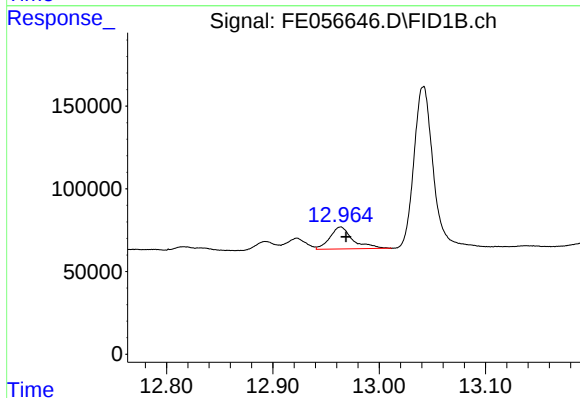
R.T.: 11.650 min
Delta R.T.: -0.005 min
Response: 185087
Conc: 0.98 ug/ml



#9 ortho-Terphenyl (SURR)

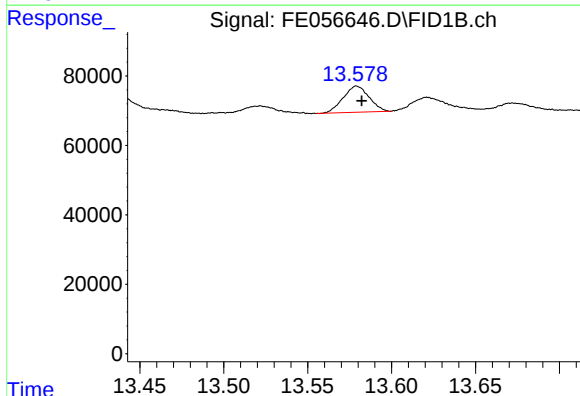
R.T.: 11.975 min
Delta R.T.: -0.004 min
Response: 4720082
Conc: 22.59 ug/ml

Instrument :
FID_E
ClientSampleId :
PL-01-103125



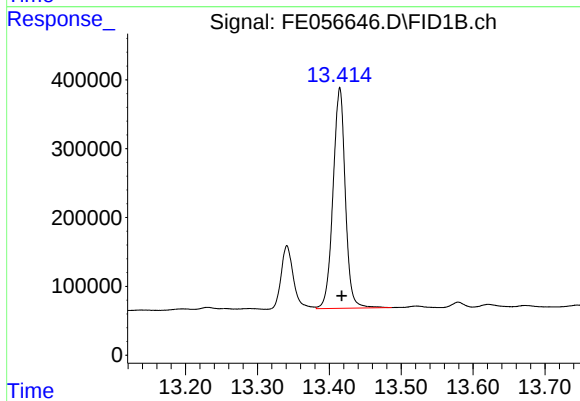
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 198804
Conc: 1.07 ug/ml



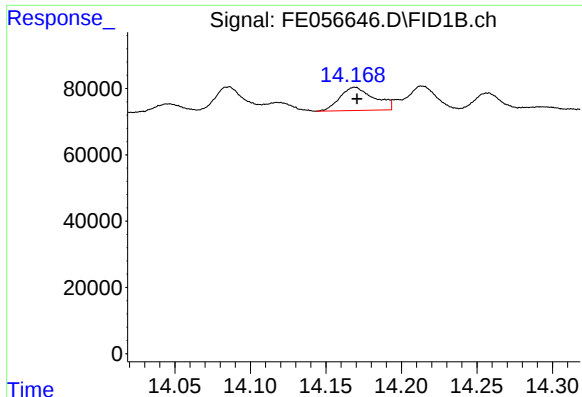
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.003 min
Response: 80907
Conc: 0.44 ug/ml



#12 1-chlorooctadecane (SURR)

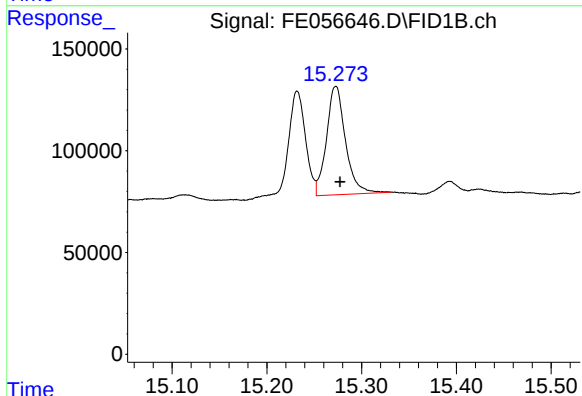
R.T.: 13.414 min
Delta R.T.: -0.003 min
Response: 3812150
Conc: 23.66 ug/ml



#13 n-Docosane (C22)

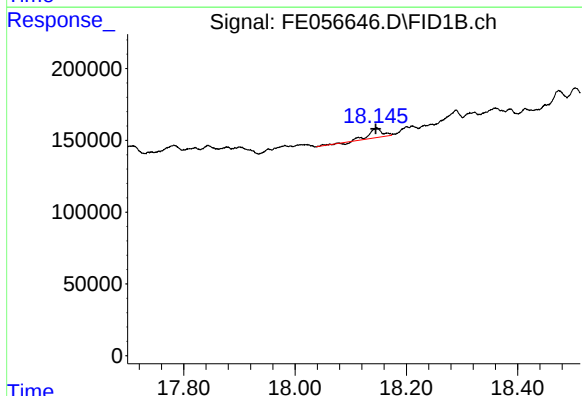
R.T.: 14.169 min
Delta R.T.: -0.002 min
Response: 110321
Conc: 0.59 ug/ml

Instrument :
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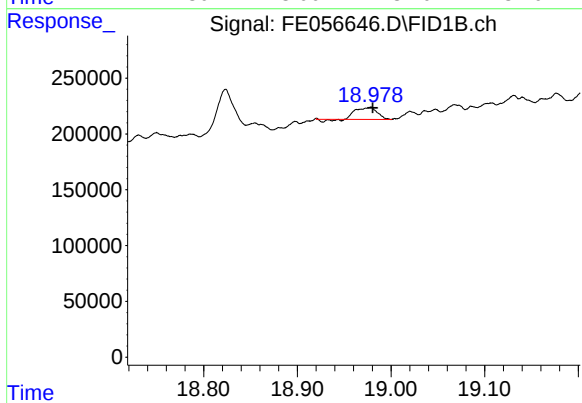
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: -0.005 min
Response: 742555
Conc: 3.79 ug/ml



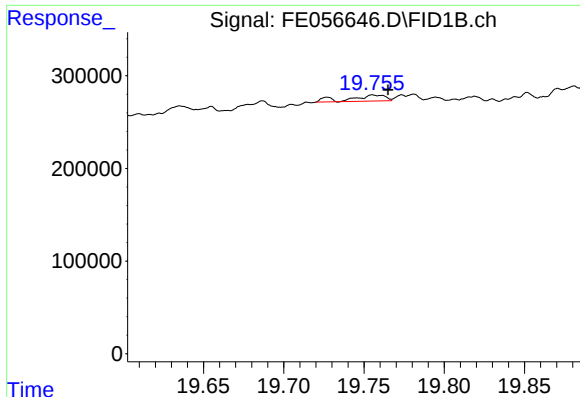
#17 n-Tricontane (C30)

R.T.: 18.147 min
Delta R.T.: 0.002 min
Response: 108174
Conc: 0.54 ug/ml



#18 n-Dotriacontane (C32)

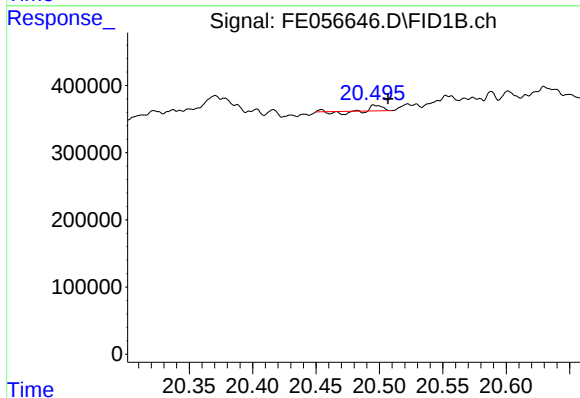
R.T.: 18.977 min
Delta R.T.: -0.004 min
Response: 170179
Conc: 0.87 ug/ml



#19 n-Tetratriacontane (C34)

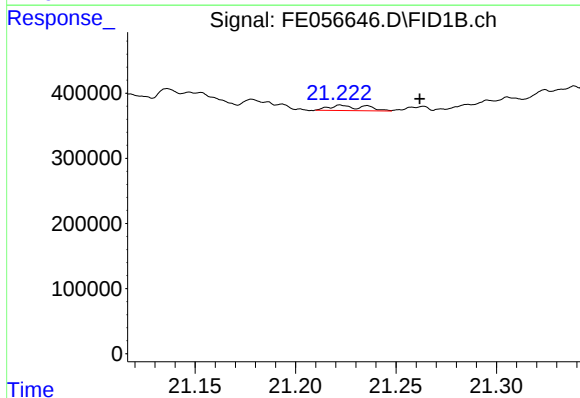
R.T.: 19.758 min
Delta R.T.: -0.007 min
Response: 98486
Conc: 0.57 ug/ml

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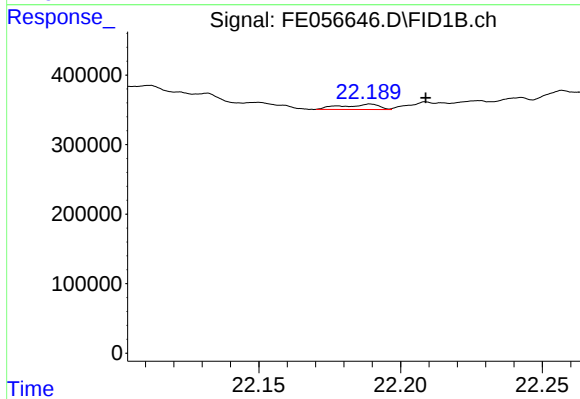
#20 n-Hexatriacontane (C36)

R.T.: 20.498 min
Delta R.T.: -0.009 min
Response: 27889
Conc: 0.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.039 min
Response: 100867
Conc: 0.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.189 min
Delta R.T.: -0.020 min
Response: 69282
Conc: 0.60 ug/ml