

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
 Data File : FE057277.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 12:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 02:59:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

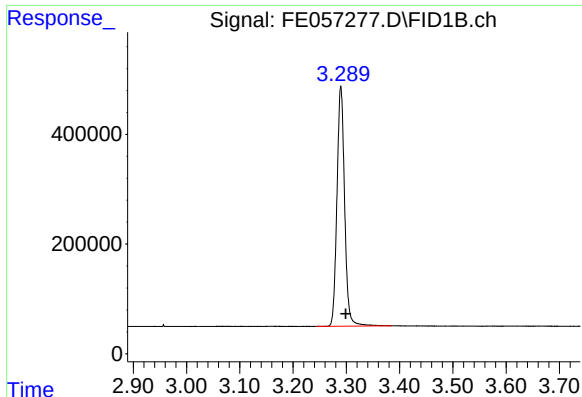
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.934	4962581	22.615 ug/ml
Spiked Amount 50.000		Recovery =	45.23%
12) S 1-chlorooctadecane (S...	13.372	3747674	22.518 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
Target Compounds			
1) T n-Nonane (C9)	3.290	4368248	22.331 ug/ml
2) T n-Decane (C10)	4.543	4579980	22.644 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4609630	22.896 ug/ml
4) T n-Dodecane (C12)	6.716	4679973	22.930 ug/ml
5) T A~2-methylnaphthalene...	7.361	4350847	22.643 ug/ml
6) T n-Tetradecane (C14)	8.550	4614820	22.927 ug/ml
7) T n-Hexadecane (C16)	10.163	4682167	22.831 ug/ml
8) T n-Octadecane (C18)	11.610	4665229	22.634 ug/ml
10) T n-Eicosane (C20)	12.923	4408031	22.409 ug/ml
11) T n-Heneicosane (C21)	13.537	4303075	22.397 ug/ml
13) T n-Docosane (C22)	14.125	4246229	21.996 ug/ml
14) T n-Tetracosane (C24)	15.232	4227966	21.347 ug/ml
15) T n-Hexacosane (C26)	16.255	4163356	20.986 ug/ml
16) T n-Octacosane (C28)	17.209	4212236	20.497 ug/ml
17) T n-Tricontane (C30)	18.098	4522320	20.151 ug/ml
18) T n-Dotriacontane (C32)	18.933	4705164	20.156 ug/ml
19) T n-Tetratriacontane (C34)	19.721	4511751	21.124 ug/ml
20) T n-Hexatriacontane (C36)	20.461	4091495	21.982 ug/ml
21) T n-Octatriacontane (C38)	21.207	3799316	21.922 ug/ml
22) T n-Tetracontane (C40)	22.138	3685715	21.872 ug/ml

(f)=RT Delta > 1/2 Window

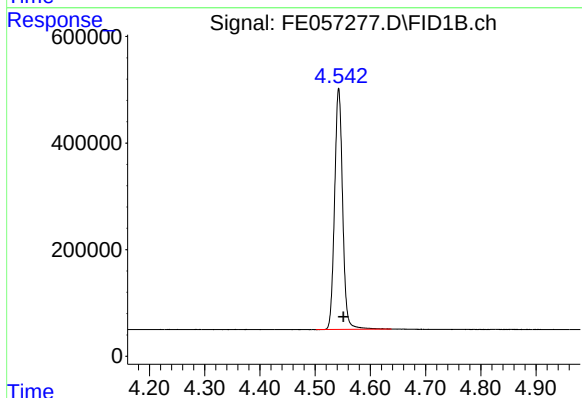
(m)=manual int.



#1 n-Nonane (C9)

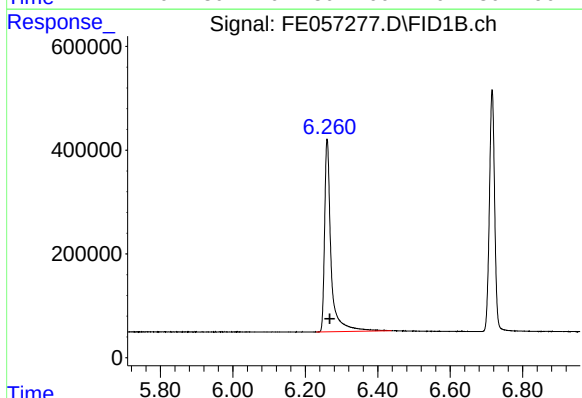
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 4368248
Conc: 22.33 ug/ml

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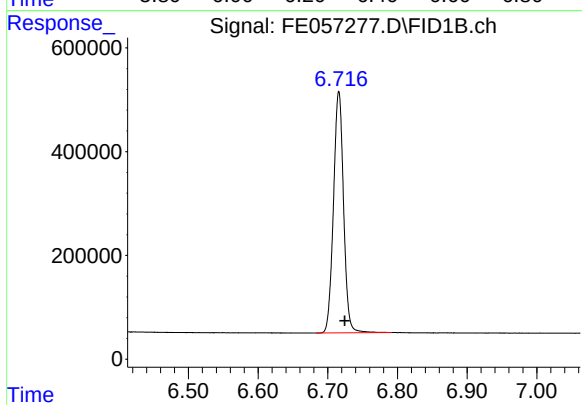
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 4579980
Conc: 22.64 ug/ml



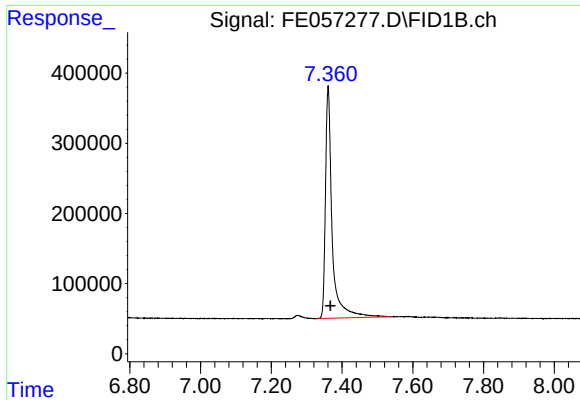
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4609630
Conc: 22.90 ug/ml



#4 n-Dodecane (C12)

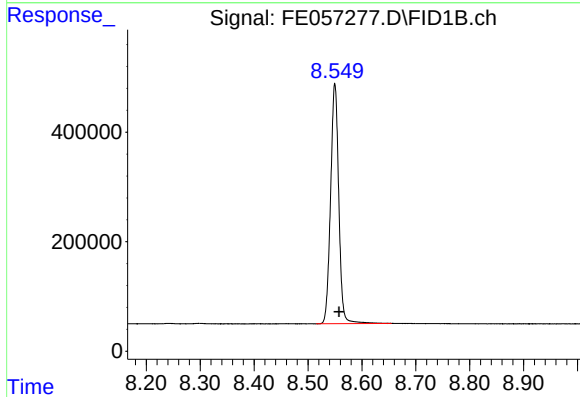
R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 4679973
Conc: 22.93 ug/ml



#5 A~2-methylnaphthalene (C12.89)

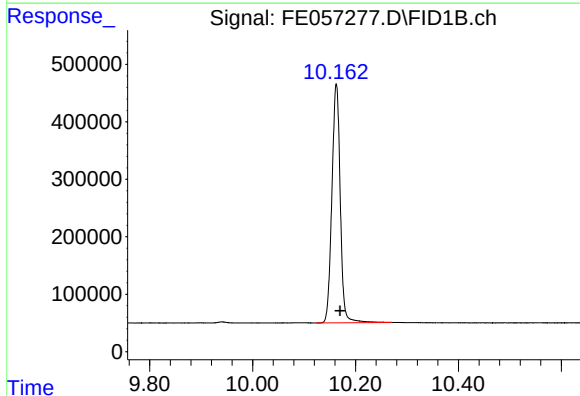
R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 4350847
Conc: 22.64 ug/ml

Instrument :
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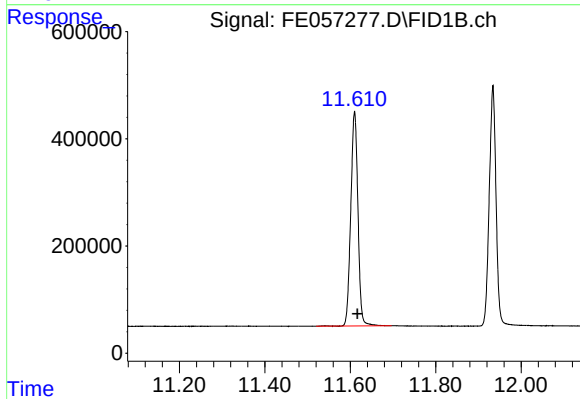
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 4614820
Conc: 22.93 ug/ml



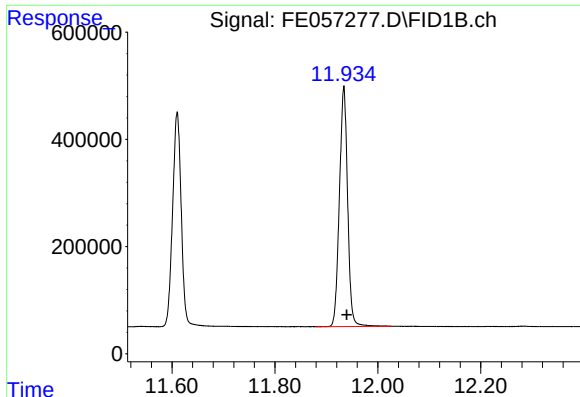
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 4682167
Conc: 22.83 ug/ml



#8 n-Octadecane (C18)

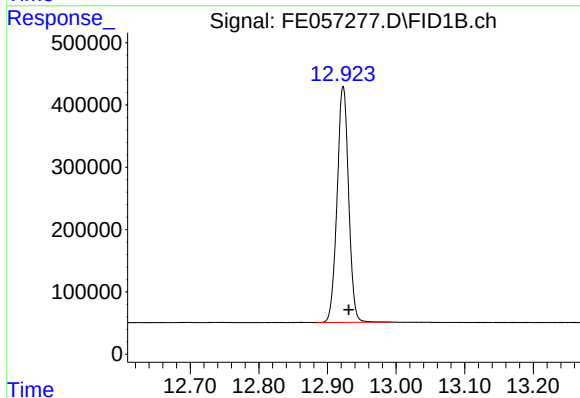
R.T.: 11.610 min
Delta R.T.: -0.007 min
Response: 4665229
Conc: 22.63 ug/ml



#9 ortho-Terphenyl (SURR)

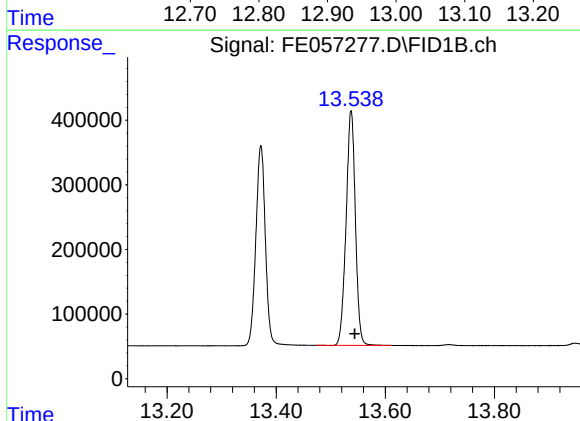
R.T.: 11.934 min
Delta R.T.: -0.006 min
Response: 4962581
Conc: 22.61 ug/ml

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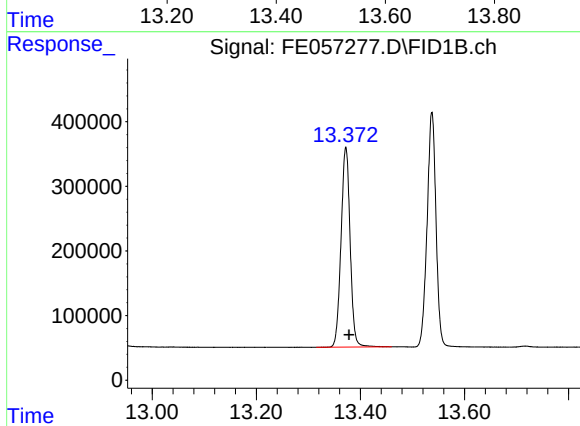
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.008 min
Response: 4408031
Conc: 22.41 ug/ml



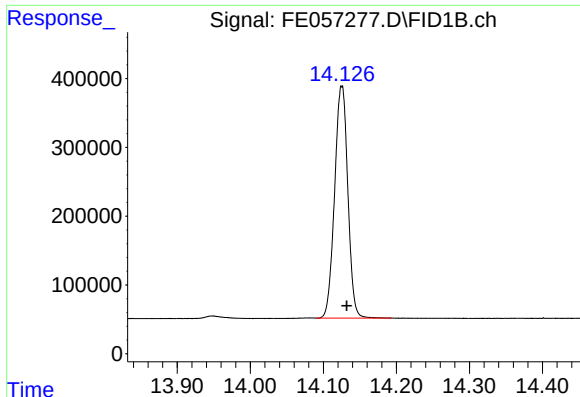
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.007 min
Response: 4303075
Conc: 22.40 ug/ml



#12 1-chlorooctadecane (SURR)

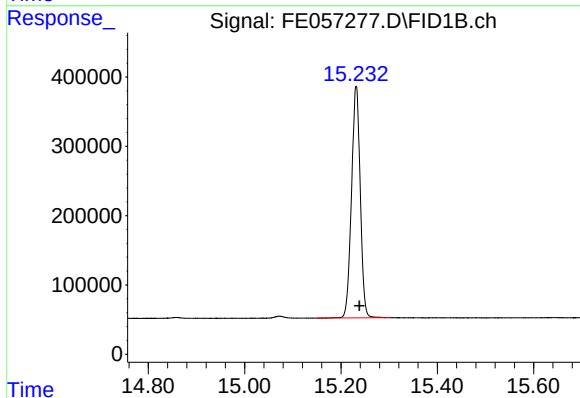
R.T.: 13.372 min
Delta R.T.: -0.006 min
Response: 3747674
Conc: 22.52 ug/ml



#13 n-Docosane (C22)

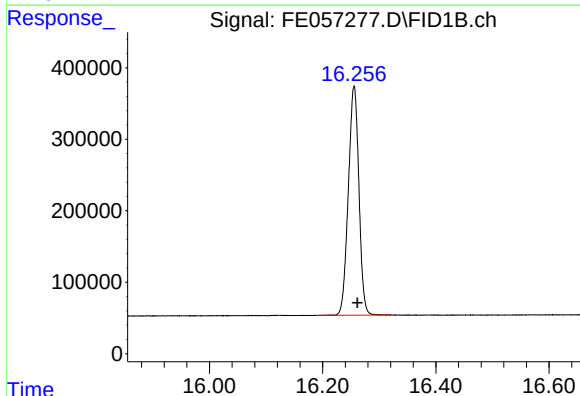
R.T.: 14.125 min
Delta R.T.: -0.007 min
Response: 4246229
Conc: 22.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



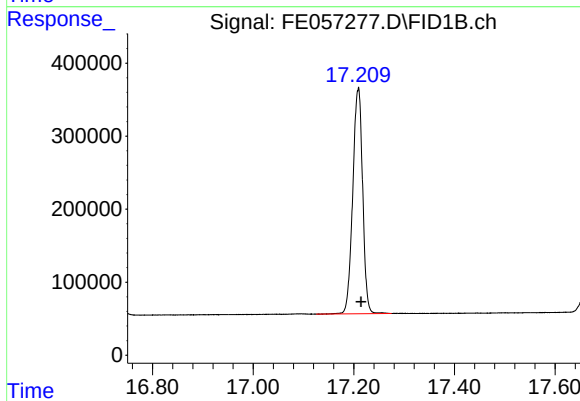
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.007 min
Response: 4227966
Conc: 21.35 ug/ml



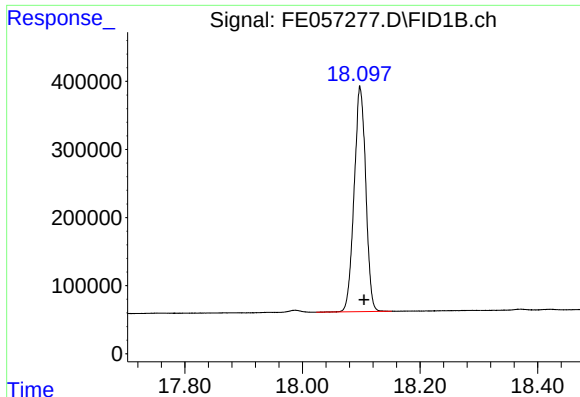
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.006 min
Response: 4163356
Conc: 20.99 ug/ml



#16 n-Octacosane (C28)

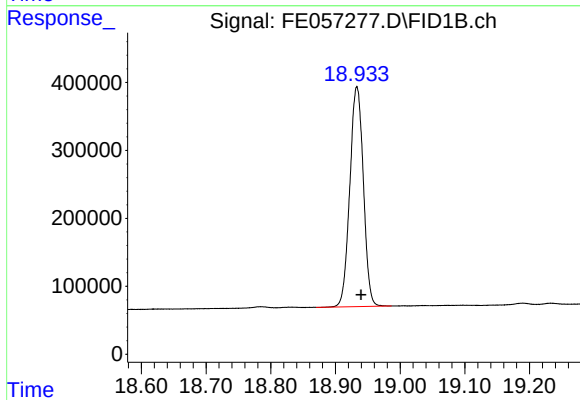
R.T.: 17.209 min
Delta R.T.: -0.006 min
Response: 4212236
Conc: 20.50 ug/ml



#17 n-Tricontane (C30)

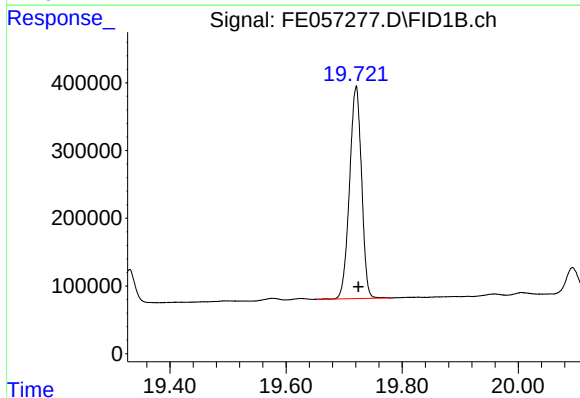
R.T.: 18.098 min
Delta R.T.: -0.007 min
Response: 4522320
Conc: 20.15 ug/ml

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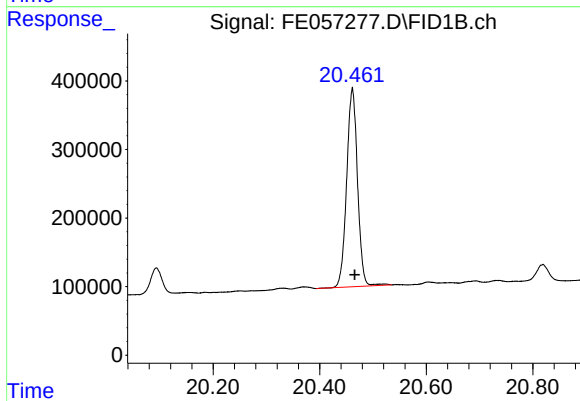
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.006 min
Response: 4705164
Conc: 20.16 ug/ml



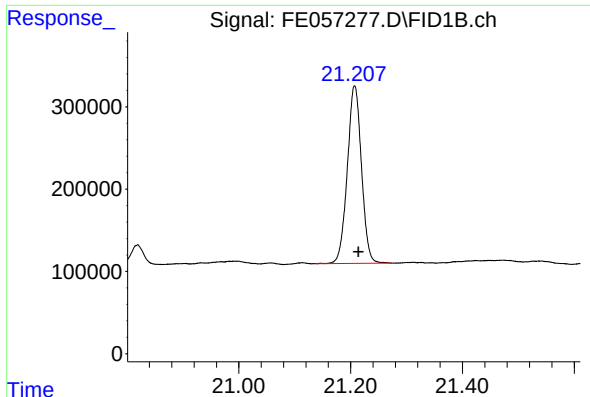
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.004 min
Response: 4511751
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

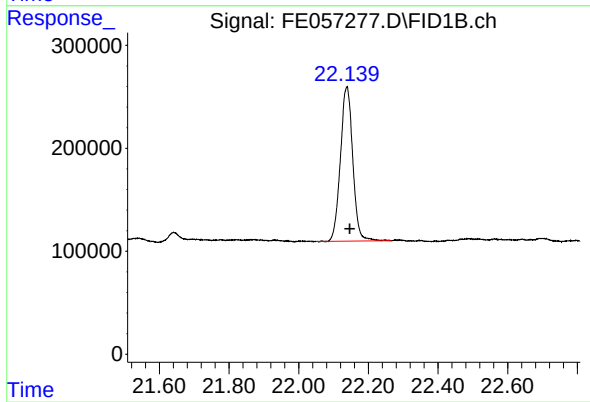
R.T.: 20.461 min
Delta R.T.: -0.005 min
Response: 4091495
Conc: 21.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.007 min
Response: 3799316
Conc: 21.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.008 min
Response: 3685715
Conc: 21.87 ug/ml