

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
 Data File : FE056844.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2025 13:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 20:25:57 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

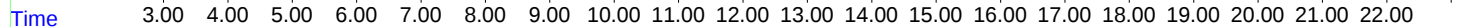
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.950	4051722	19.394 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	13.388	3072067	19.067 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.311	3205002	19.082 ug/ml
2) T n-Decane (C10)	4.563	3660392	21.332 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3744982	20.289 ug/ml
4) T n-Dodecane (C12)	6.735	3797319	21.832 ug/ml
5) T A~2-methylnaphthalene...	7.377	3589542	20.254 ug/ml
6) T n-Tetradecane (C14)	8.569	3732857	21.385 ug/ml
7) T n-Hexadecane (C16)	10.181	3805118	20.798 ug/ml
8) T n-Octadecane (C18)	11.628	3821031	20.188 ug/ml
10) T n-Eicosane (C20)	12.940	3628350	19.469 ug/ml
11) T n-Heneicosane (C21)	13.554	3537434	19.238 ug/ml
13) T n-Docosane (C22)	14.142	3531291	18.864 ug/ml
14) T n-Tetracosane (C24)	15.247	3590121	18.330 ug/ml
15) T n-Hexacosane (C26)	16.272	3525328	18.140 ug/ml
16) T n-Octacosane (C28)	17.224	3551430	18.338 ug/ml
17) T n-Tricontane (C30)	18.113	3764717	18.777 ug/ml
18) T n-Dotriacontane (C32)	18.948	3803329	19.341 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3522405	20.407 ug/ml
20) T n-Hexatriacontane (C36)	20.475	3047151	21.065 ug/ml
21) T n-Octatriacontane (C38)	21.223	2761748	21.943 ug/ml
22) T n-Tetracontane (C40)	22.158f	2701104	23.363 ug/ml

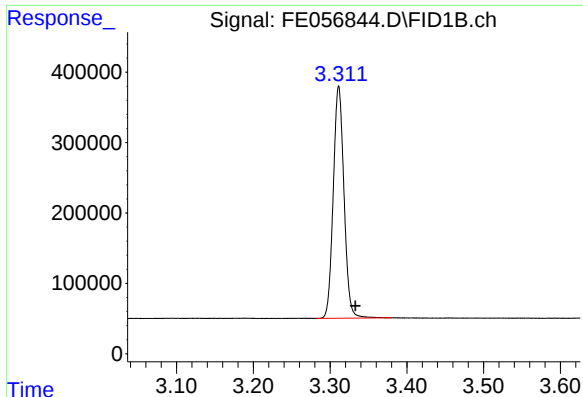
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

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

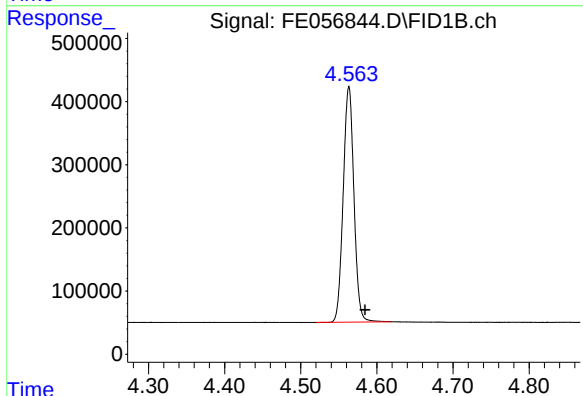




#1 n-Nonane (C9)

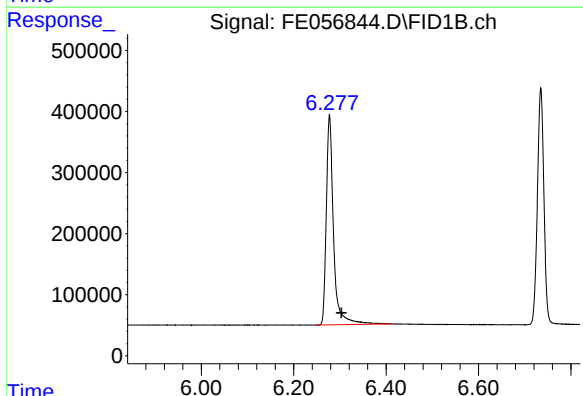
R.T.: 3.311 min
Delta R.T.: -0.022 min
Response: 3205002
Conc: 19.08 ug/ml

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20 PPM ALIPHATIC HC STD



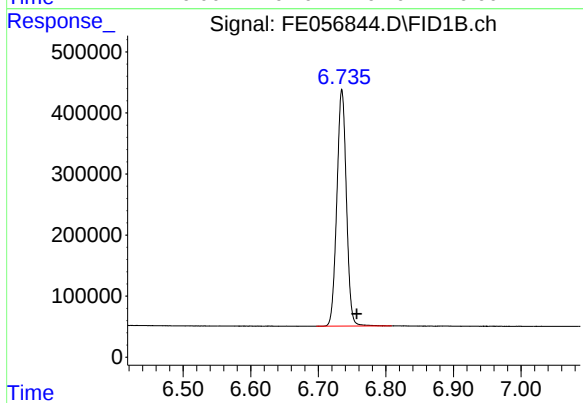
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 3660392
Conc: 21.33 ug/ml



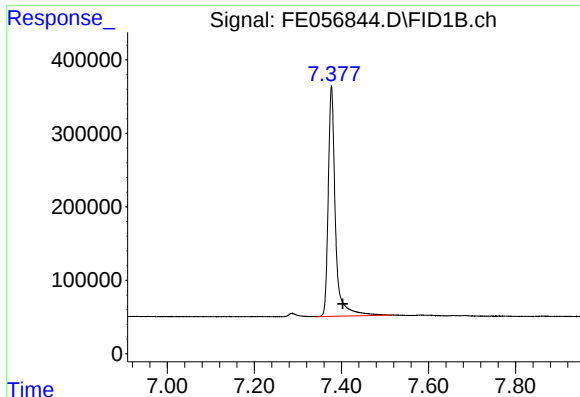
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.026 min
Response: 3744982
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

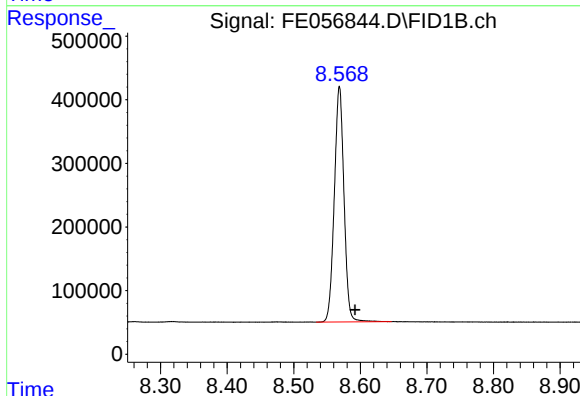
R.T.: 6.735 min
Delta R.T.: -0.022 min
Response: 3797319
Conc: 21.83 ug/ml



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

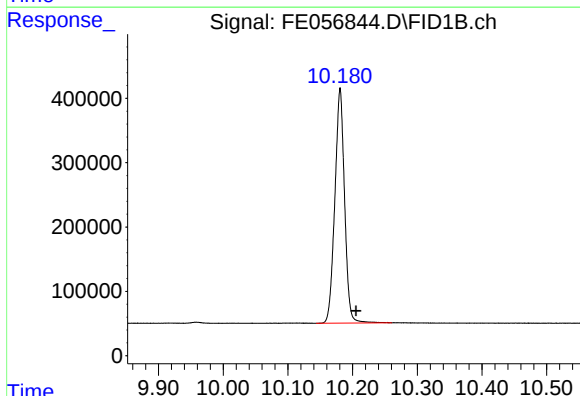
R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 3589542
Conc: 20.25 ug/ml

Instrument :
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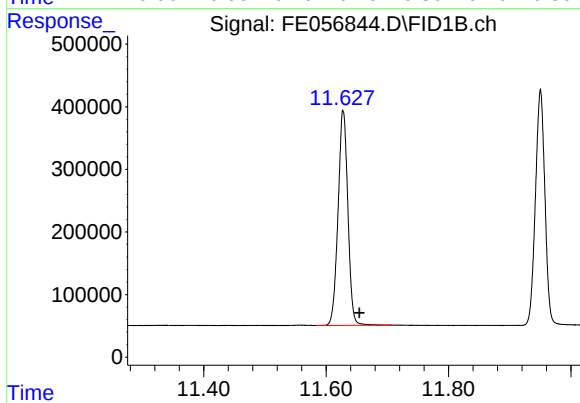
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.023 min
Response: 3732857
Conc: 21.39 ug/ml



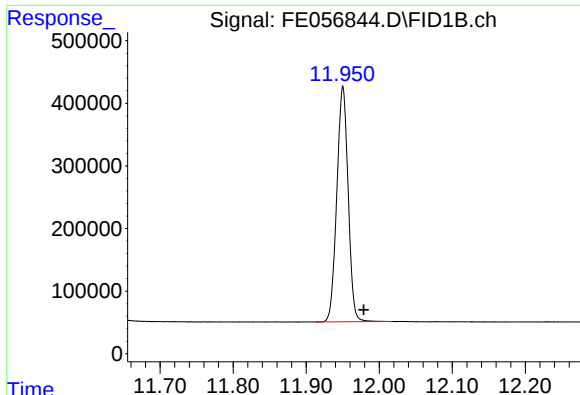
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.025 min
Response: 3805118
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

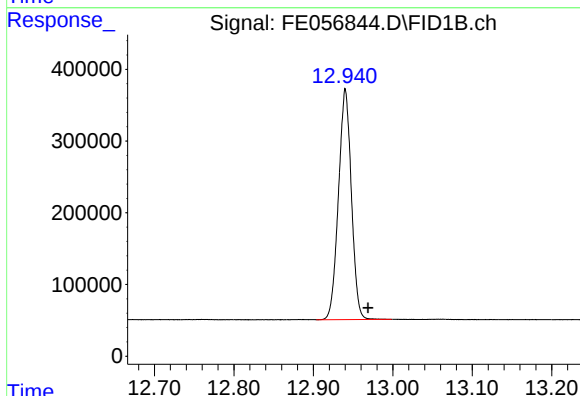
R.T.: 11.628 min
Delta R.T.: -0.026 min
Response: 3821031
Conc: 20.19 ug/ml



#9 ortho-Terphenyl (SURR)

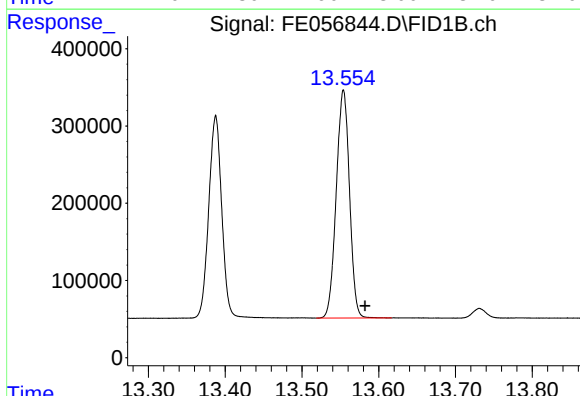
R.T.: 11.950 min
Delta R.T.: -0.029 min
Response: 4051722
Conc: 19.39 ug/ml

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20 PPM ALIPHATIC HC STD



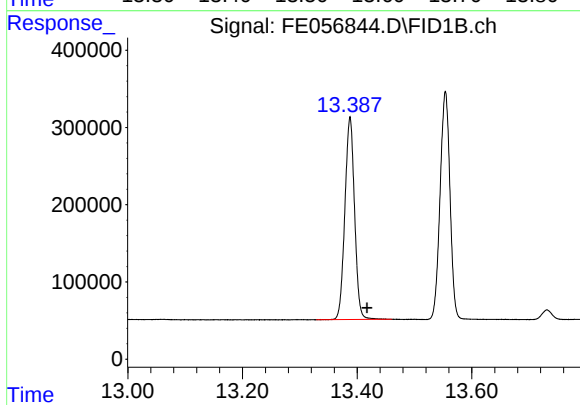
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.029 min
Response: 3628350
Conc: 19.47 ug/ml



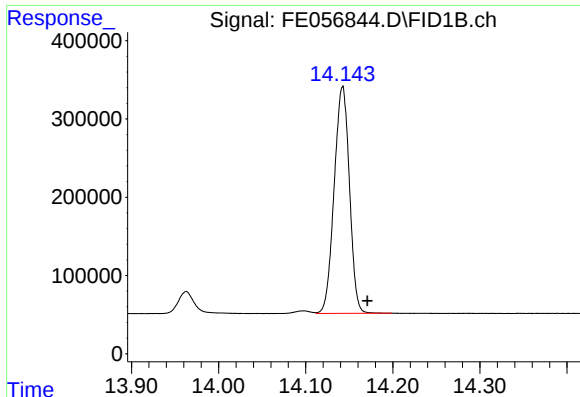
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.028 min
Response: 3537434
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

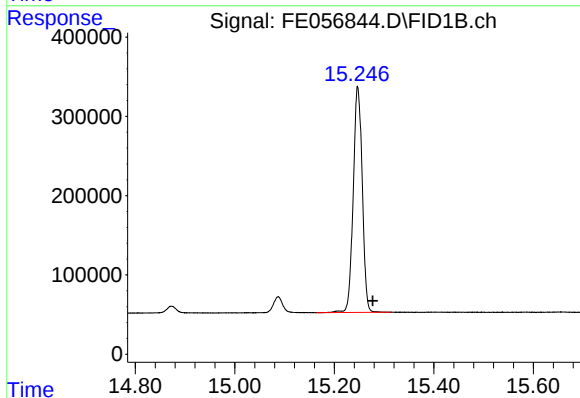
R.T.: 13.388 min
Delta R.T.: -0.030 min
Response: 3072067
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

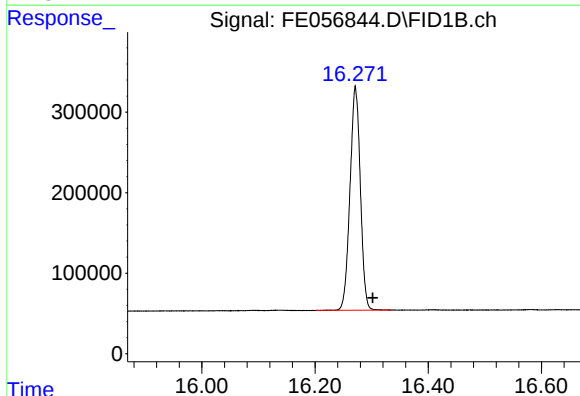
R.T.: 14.142 min
Delta R.T.: -0.028 min
Response: 3531291
Conc: 18.86 ug/ml

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20 PPM ALIPHATIC HC STD



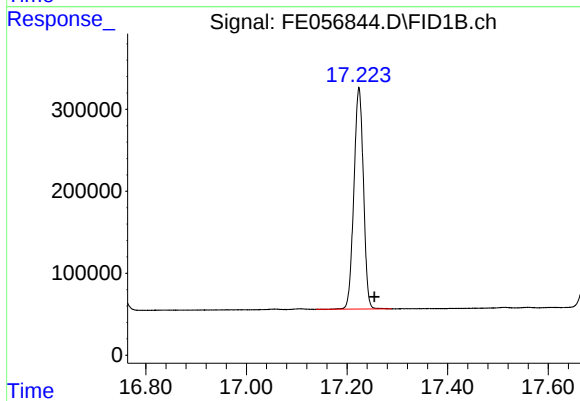
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.030 min
Response: 3590121
Conc: 18.33 ug/ml



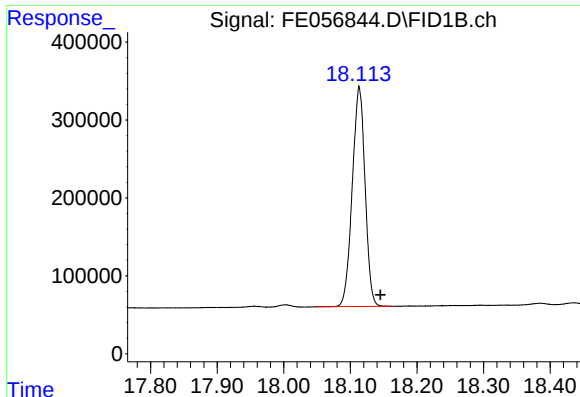
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.030 min
Response: 3525328
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

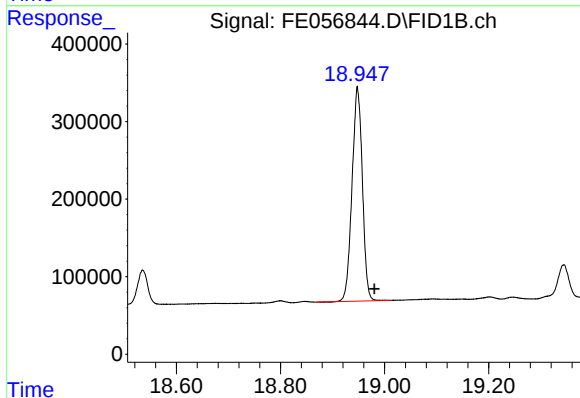
R.T.: 17.224 min
Delta R.T.: -0.031 min
Response: 3551430
Conc: 18.34 ug/ml



#17 n-Tricontane (C30)

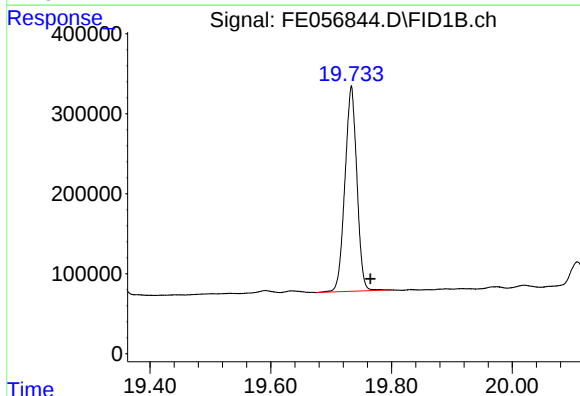
R.T.: 18.113 min
Delta R.T.: -0.032 min
Response: 3764717
Conc: 18.78 ug/ml

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20 PPM ALIPHATIC HC STD



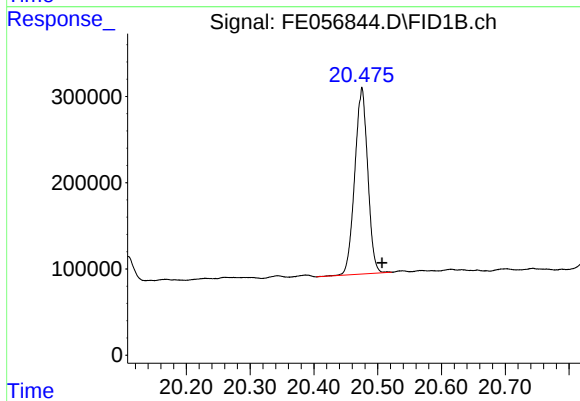
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.032 min
Response: 3803329
Conc: 19.34 ug/ml



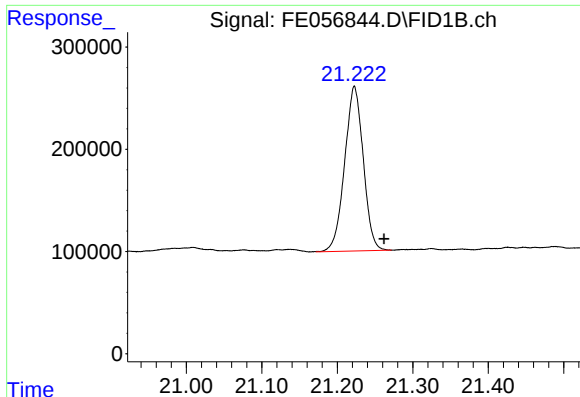
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.031 min
Response: 3522405
Conc: 20.41 ug/ml



#20 n-Hexatriacontane (C36)

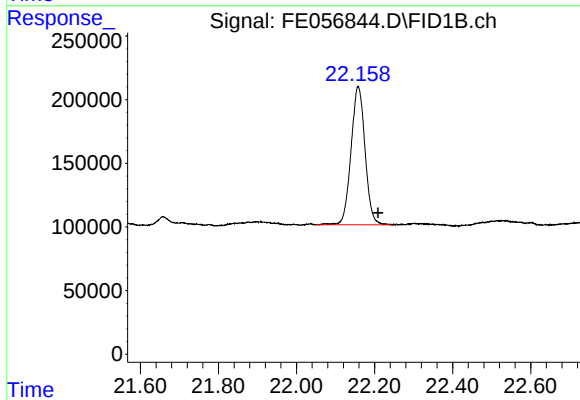
R.T.: 20.475 min
Delta R.T.: -0.032 min
Response: 3047151
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.039 min
Response: 2761748
Conc: 21.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.051 min
Response: 2701104
Conc: 23.36 ug/ml