

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111825AL\
 Data File : FE056922.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2025 01:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 19 03:52:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

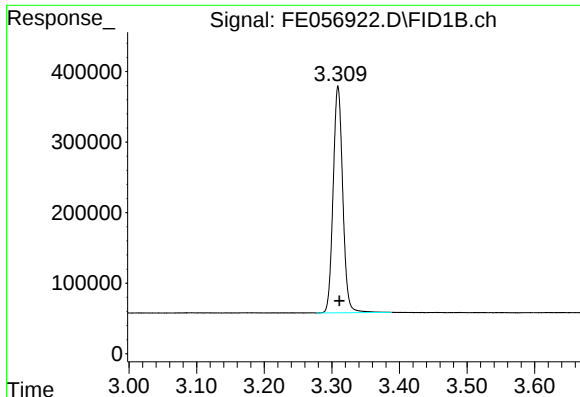
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.946	3856478	18.460 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	13.384	2946629	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.309	3174188	18.898 ug/ml
2) T n-Decane (C10)	4.561	3486452	20.318 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3518054	19.059 ug/ml
4) T n-Dodecane (C12)	6.732	3587877	20.628 ug/ml
5) T A~2-methylnaphthalene...	7.375	3358334	18.950 ug/ml
6) T n-Tetradecane (C14)	8.565	3531781	20.233 ug/ml
7) T n-Hexadecane (C16)	10.177	3611422	19.739 ug/ml
8) T n-Octadecane (C18)	11.623	3639111	19.227 ug/ml
10) T n-Eicosane (C20)	12.936	3476483	18.654 ug/ml
11) T n-Heneicosane (C21)	13.550	3374233	18.350 ug/ml
13) T n-Docosane (C22)	14.137	3409307	18.212 ug/ml
14) T n-Tetracosane (C24)	15.243	3506859	17.905 ug/ml
15) T n-Hexacosane (C26)	16.266	3476139	17.887 ug/ml
16) T n-Octacosane (C28)	17.218	3536852	18.263 ug/ml
17) T n-Tricontane (C30)	18.107	3746353	18.685 ug/ml
18) T n-Dotriacontane (C32)	18.942	3824378	19.448 ug/ml
19) T n-Tetratriacontane (C34)	19.727	3485646	20.194 ug/ml
20) T n-Hexatriacontane (C36)	20.468	2999154	20.733 ug/ml
21) T n-Octatriacontane (C38)	21.214	2702921	21.475 ug/ml
22) T n-Tetracontane (C40)	22.147	2643879	22.868 ug/ml

(f)=RT Delta > 1/2 Window

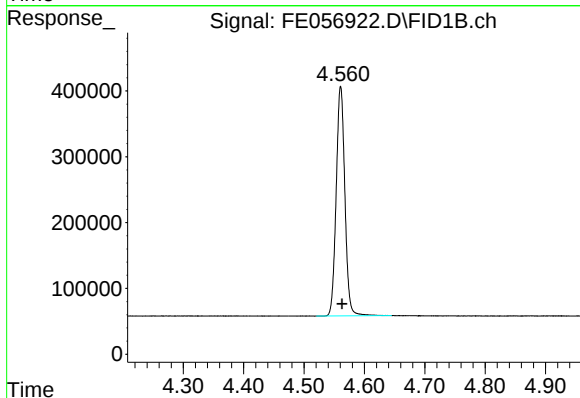
(m)=manual int.



#1 n-Nonane (C9)

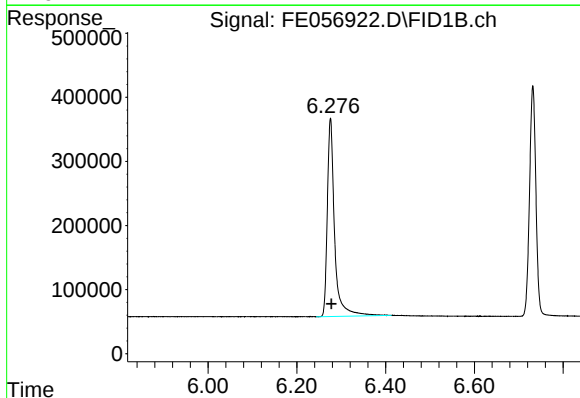
R.T.: 3.309 min
Delta R.T.: -0.002 min
Response: 3174188
Conc: 18.90 ug/ml

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20 PPM ALIPHATIC HC STD



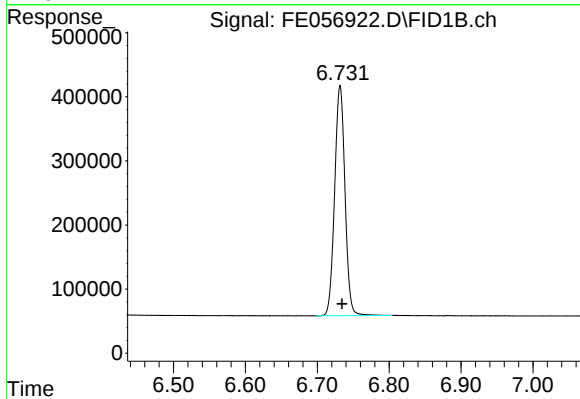
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 3486452
Conc: 20.32 ug/ml



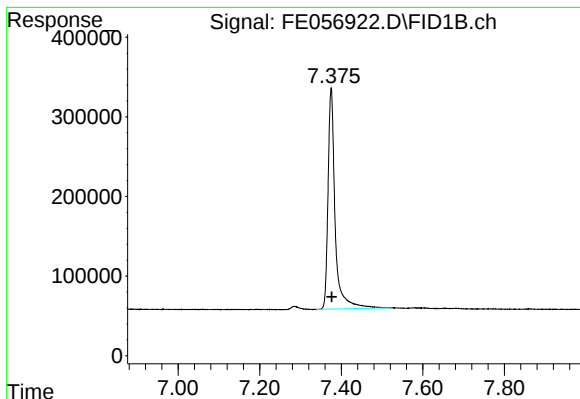
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.002 min
Response: 3518054
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

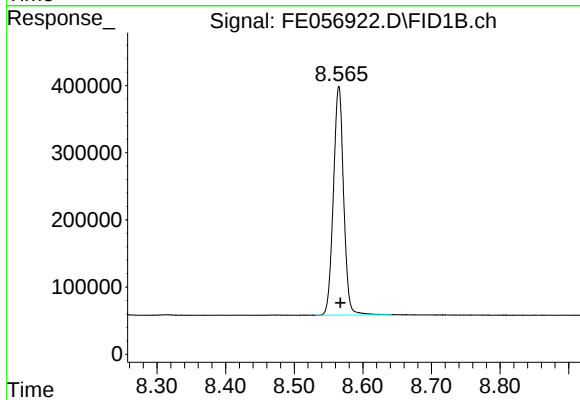
R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 3587877
Conc: 20.63 ug/ml



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

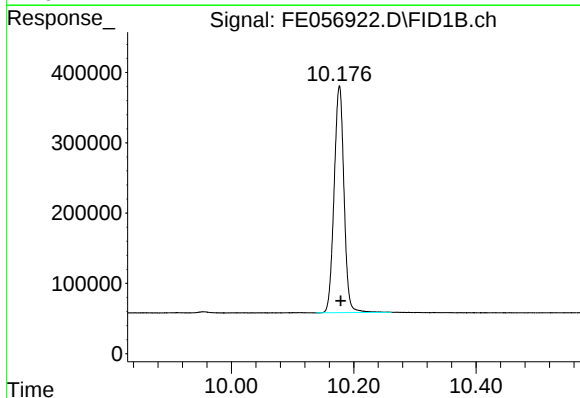
R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 3358334
Conc: 18.95 ug/ml

Instrument :
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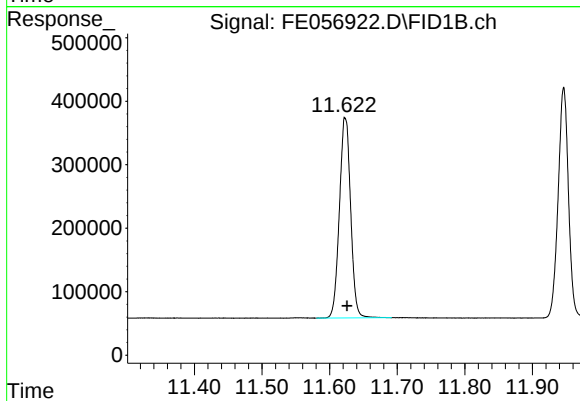
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 3531781
Conc: 20.23 ug/ml



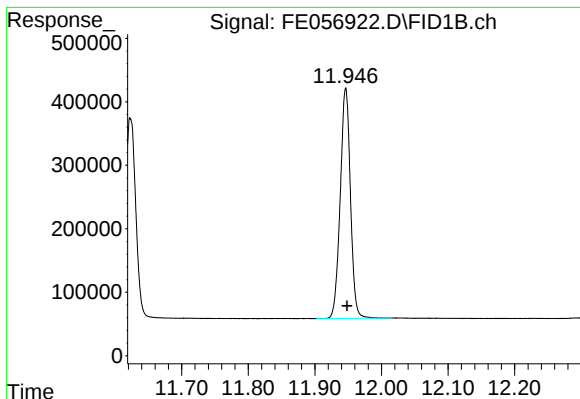
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.002 min
Response: 3611422
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

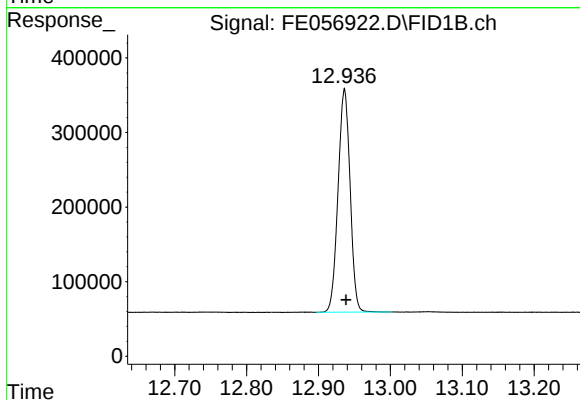
R.T.: 11.623 min
Delta R.T.: -0.002 min
Response: 3639111
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

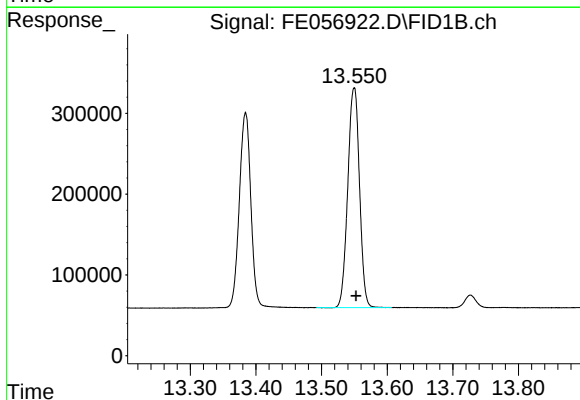
R.T.: 11.946 min
Delta R.T.: -0.002 min
Response: 3856478
Conc: 18.46 ug/ml

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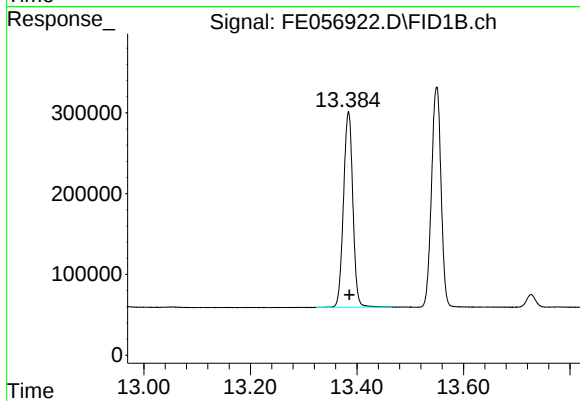
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.002 min
Response: 3476483
Conc: 18.65 ug/ml



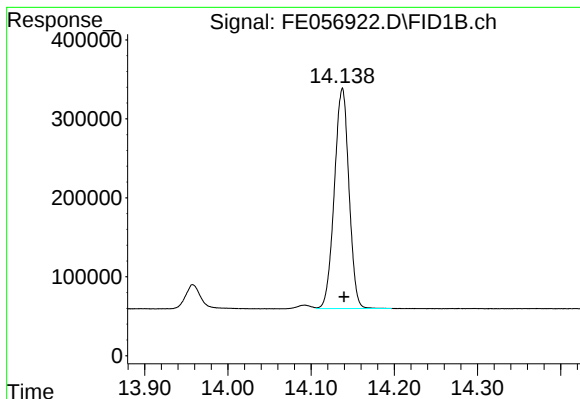
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.003 min
Response: 3374233
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

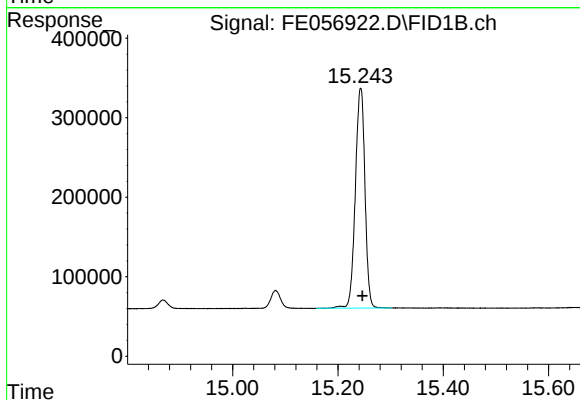
R.T.: 13.384 min
Delta R.T.: -0.002 min
Response: 2946629
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

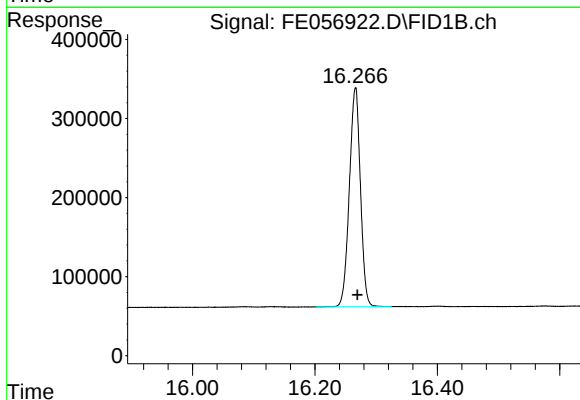
R.T.: 14.137 min
Delta R.T.: -0.002 min
Response: 3409307
Conc: 18.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



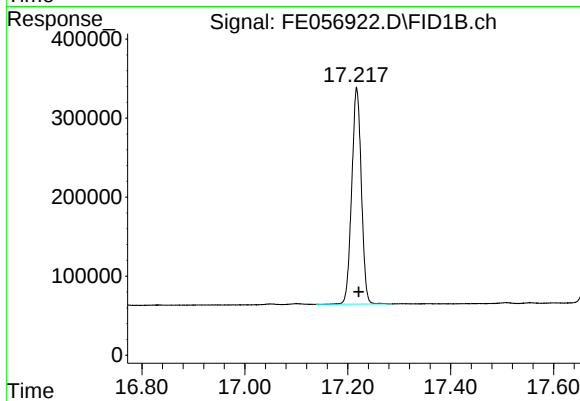
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.003 min
Response: 3506859
Conc: 17.90 ug/ml



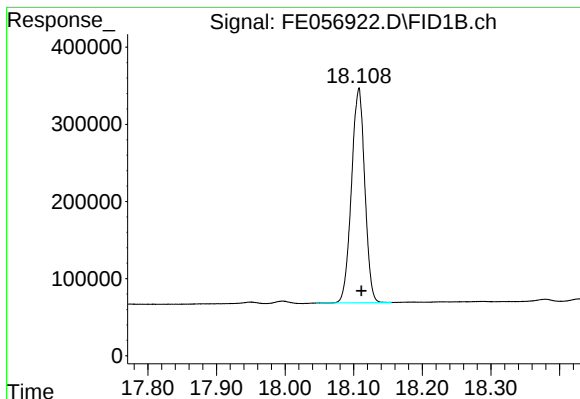
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.004 min
Response: 3476139
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

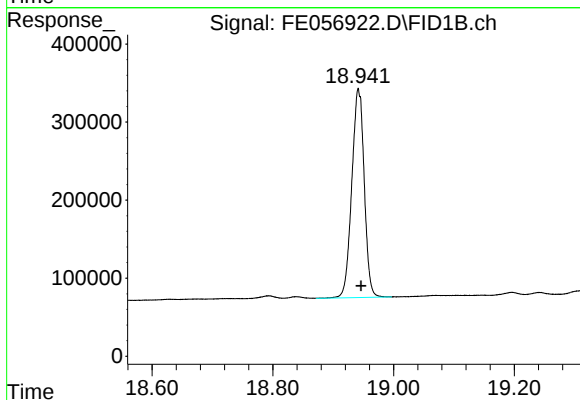
R.T.: 17.218 min
Delta R.T.: -0.004 min
Response: 3536852
Conc: 18.26 ug/ml



#17 n-Tricontane (C30)

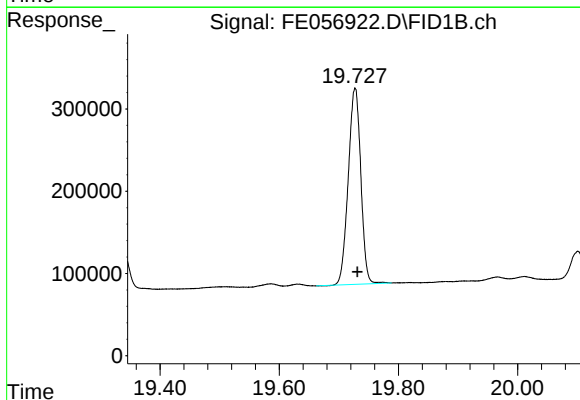
R.T.: 18.107 min
Delta R.T.: -0.004 min
Response: 3746353
Conc: 18.69 ug/ml

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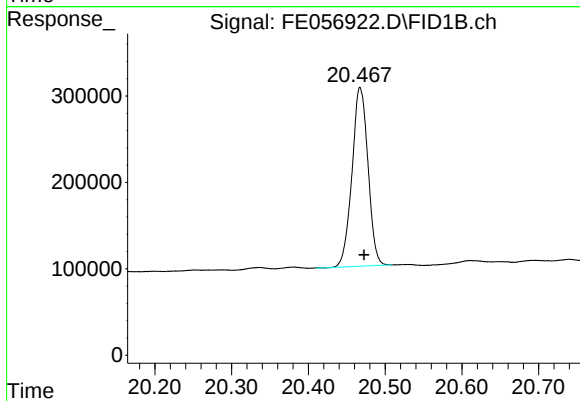
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 3824378
Conc: 19.45 ug/ml



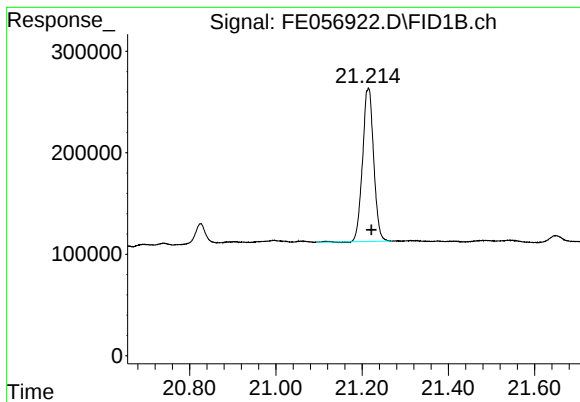
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.004 min
Response: 3485646
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

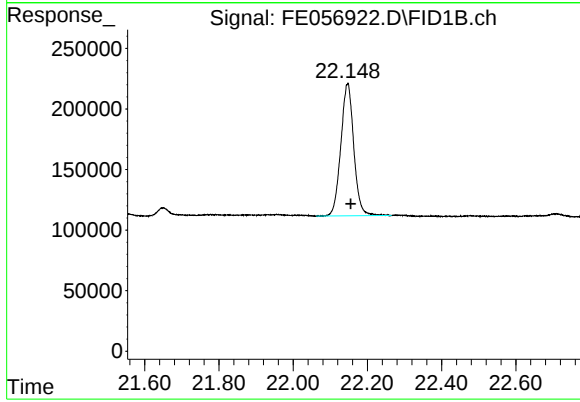
R.T.: 20.468 min
Delta R.T.: -0.005 min
Response: 2999154
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.008 min
Response: 2702921
Conc: 21.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: -0.008 min
Response: 2643879
Conc: 22.87 ug/ml