

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056203.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2025 14:59
 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: Oct 07 01:27:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

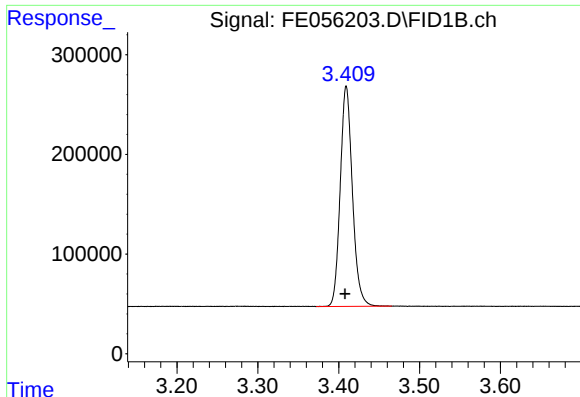
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.069	3835691	20.440 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	13.505	2827269	20.258 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T n-Nonane (C9)	3.409	2309391	16.858 ug/ml
2) T n-Decane (C10)	4.669	2500136	17.914 ug/ml
3) T A~Naphthalene (C11.7)	6.388	3123752	19.565 ug/ml
4) T n-Dodecane (C12)	6.843	2781250	19.378 ug/ml
5) T A~2-methylnaphthalene...	7.489	3129700	20.124 ug/ml
6) T n-Tetradecane (C14)	8.680	3024498	20.457 ug/ml
7) T n-Hexadecane (C16)	10.293	3342750	21.036 ug/ml
8) T n-Octadecane (C18)	11.743	3541143	20.906 ug/ml
10) T n-Eicosane (C20)	13.057	3409423	20.568 ug/ml
11) T n-Heneicosane (C21)	13.671	3297340	20.292 ug/ml
13) T n-Docosane (C22)	14.259	3208334	20.078 ug/ml
14) T n-Tetracosane (C24)	15.366	3013396	19.775 ug/ml
15) T n-Hexacosane (C26)	16.389	2796097	19.604 ug/ml
16) T n-Octacosane (C28)	17.342	2727003	19.576 ug/ml
17) T n-Tricontane (C30)	18.231	2873311	19.391 ug/ml
18) T n-Dotriacontane (C32)	19.065	2960658	19.844 ug/ml
19) T n-Tetratriacontane (C34)	19.850	2843058	20.099 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2582075	20.114 ug/ml
21) T n-Octatriacontane (C38)	21.366	2387502	18.178 ug/ml
22) T n-Tetracontane (C40)	22.345	2167191	18.217 ug/ml

(f)=RT Delta > 1/2 Window

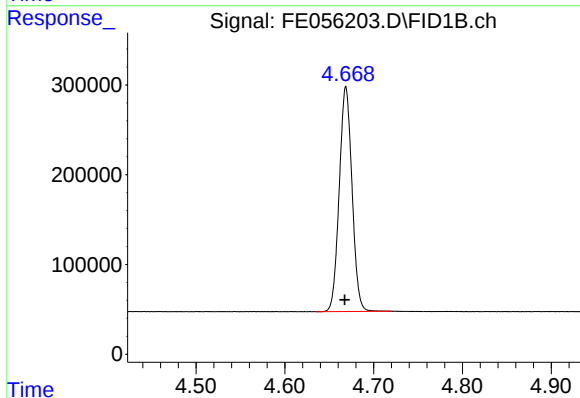
(m)=manual int.



#1 n-Nonane (C9)

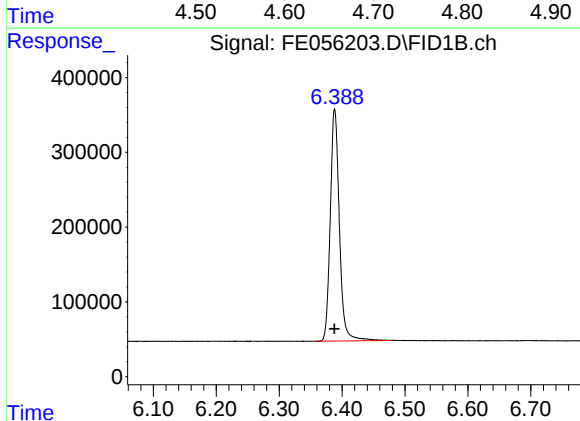
R.T.: 3.409 min
Delta R.T.: 0.001 min
Response: 2309391
Conc: 16.86 ug/ml

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20 PPM ALIPHATIC HC STD



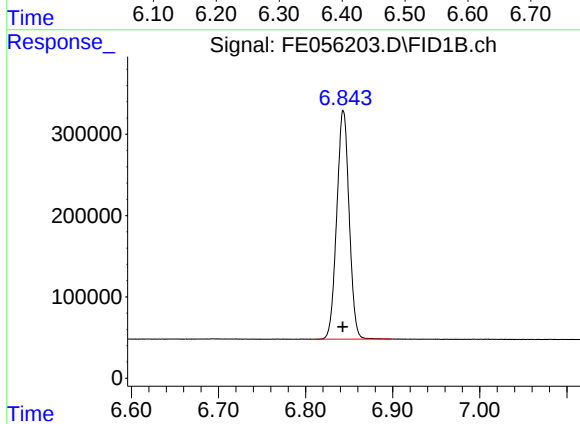
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.001 min
Response: 2500136
Conc: 17.91 ug/ml



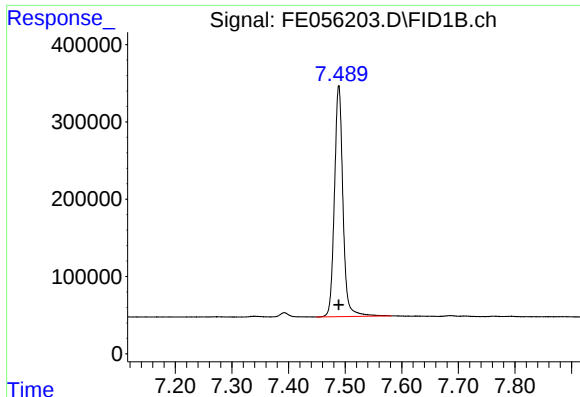
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3123752
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

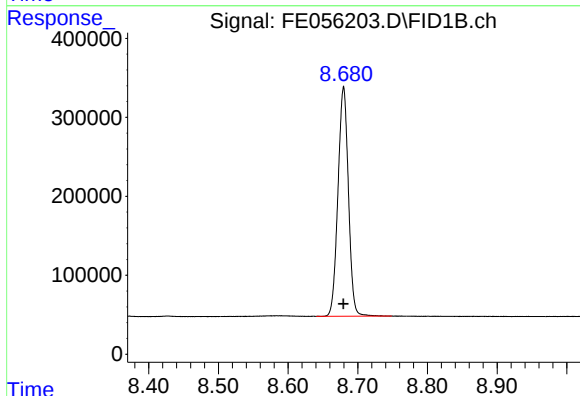
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 2781250
Conc: 19.38 ug/ml



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

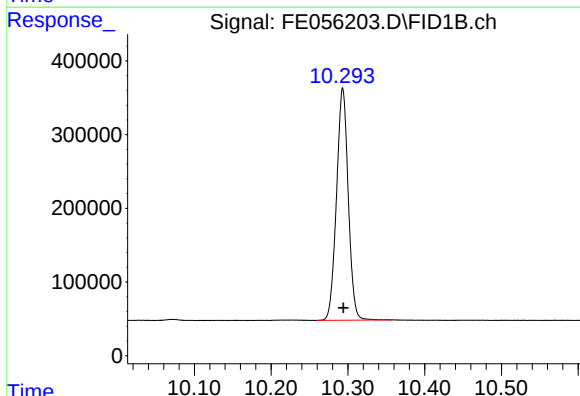
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 3129700
Conc: 20.12 ug/ml

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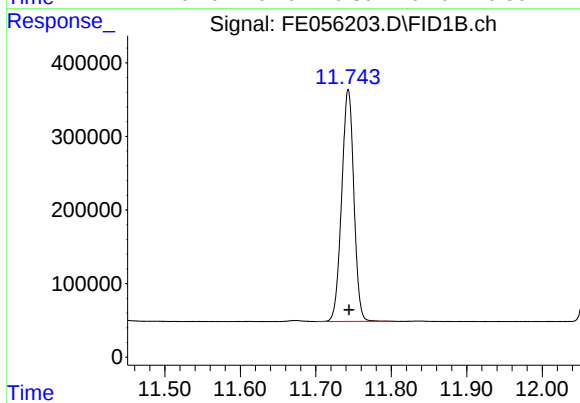
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 3024498
Conc: 20.46 ug/ml



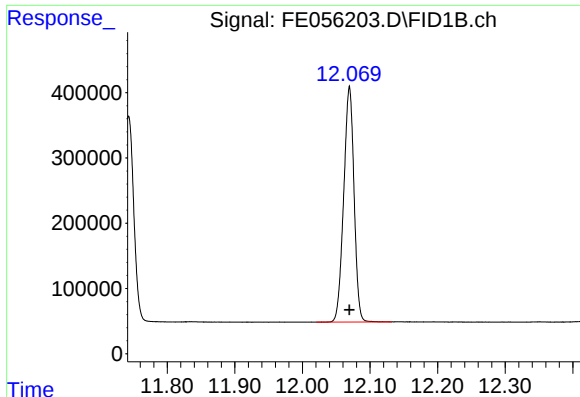
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 3342750
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

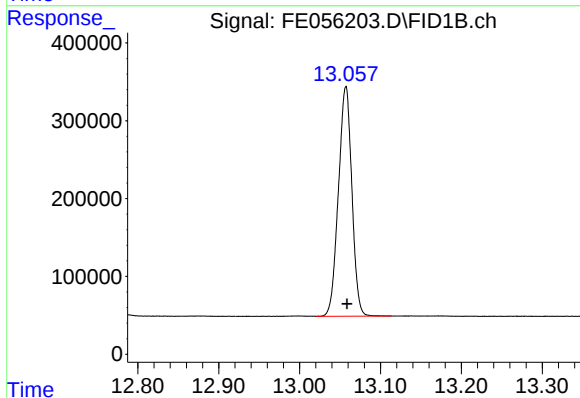
R.T.: 11.743 min
Delta R.T.: -0.001 min
Response: 3541143
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

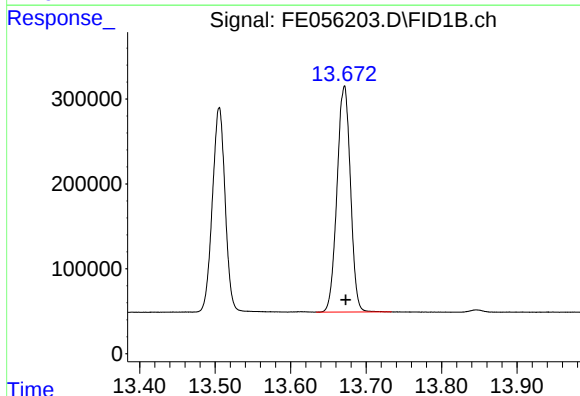
R.T.: 12.069 min
Delta R.T.: 0.000 min
Response: 3835691
Conc: 20.44 ug/ml

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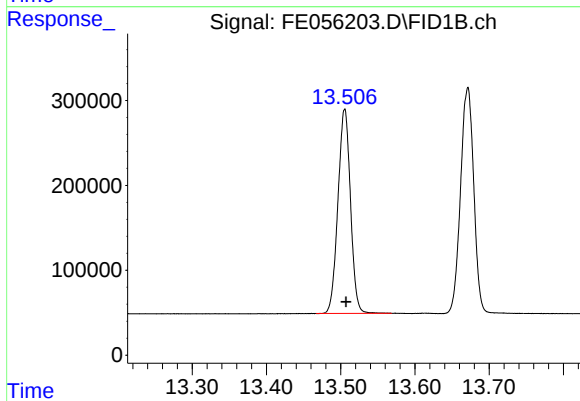
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.002 min
Response: 3409423
Conc: 20.57 ug/ml



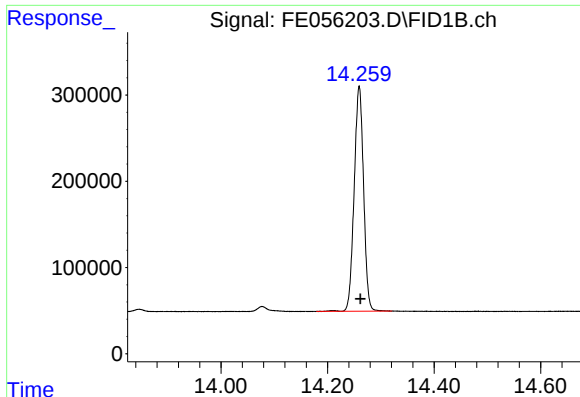
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.002 min
Response: 3297340
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

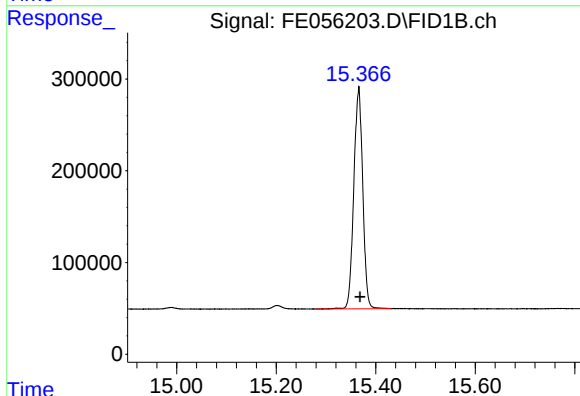
R.T.: 13.505 min
Delta R.T.: -0.002 min
Response: 2827269
Conc: 20.26 ug/ml



#13 n-Docosane (C22)

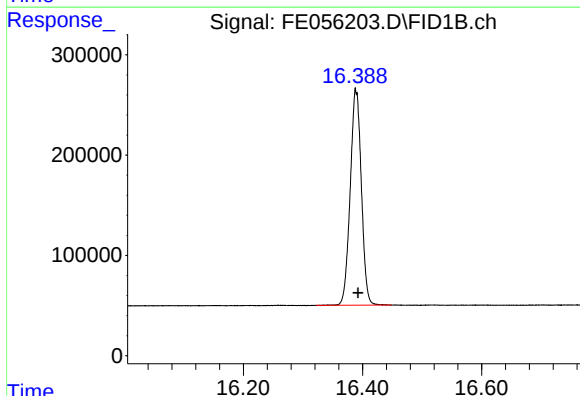
R.T.: 14.259 min
Delta R.T.: -0.002 min
Response: 3208334
Conc: 20.08 ug/ml

Instrument :
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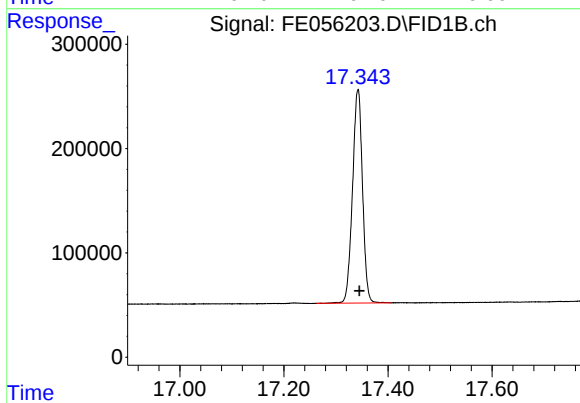
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 3013396
Conc: 19.78 ug/ml



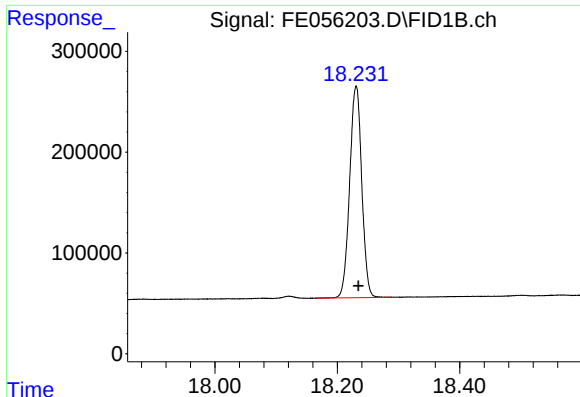
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: -0.004 min
Response: 2796097
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

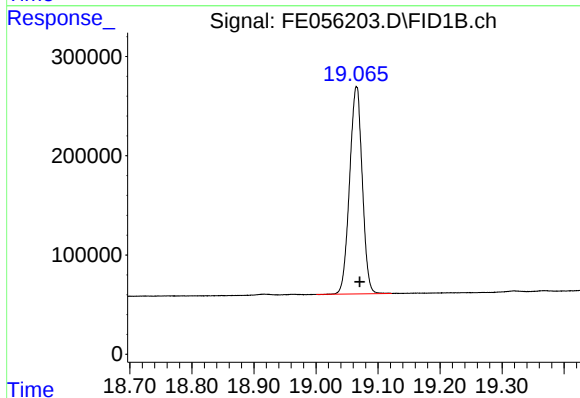
R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 2727003
Conc: 19.58 ug/ml



#17 n-Tricontane (C30)

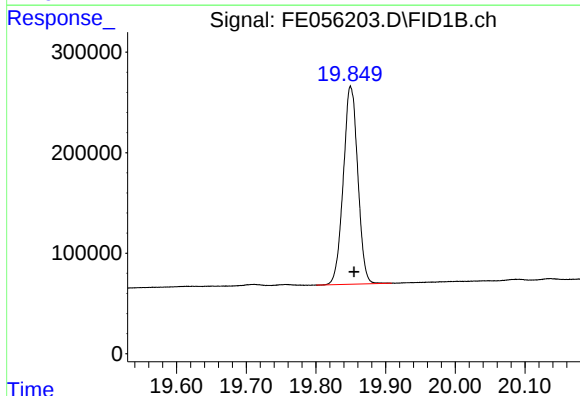
R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 2873311
Conc: 19.39 ug/ml

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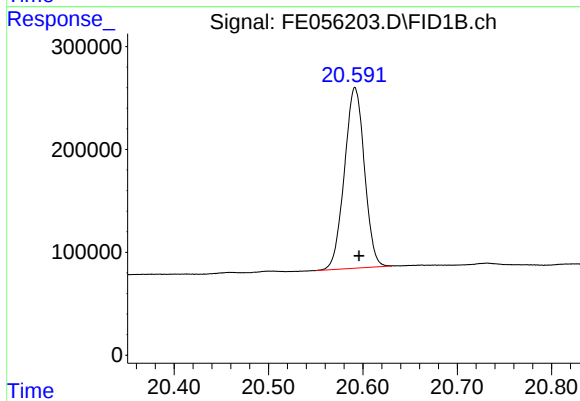
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: -0.005 min
Response: 2960658
Conc: 19.84 ug/ml



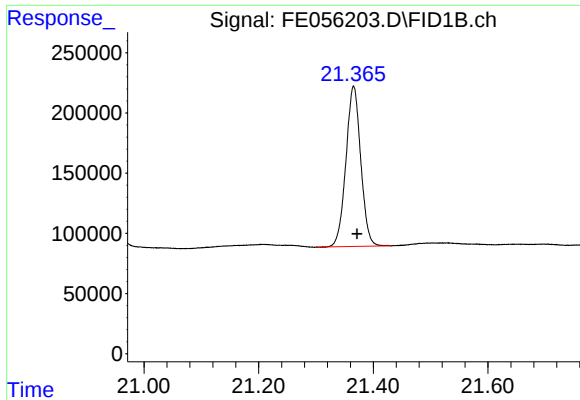
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.005 min
Response: 2843058
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

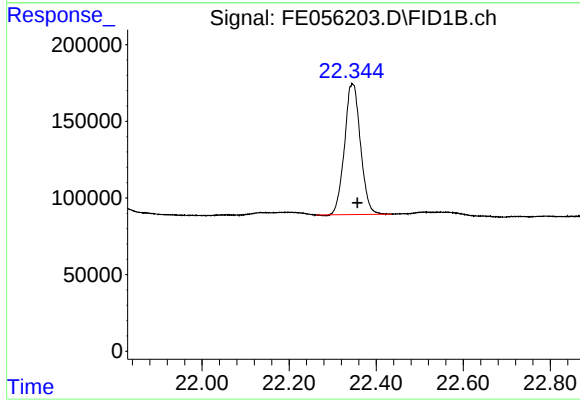
R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 2582075
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.366 min
Delta R.T.: -0.006 min
Response: 2387502
Conc: 18.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.345 min
Delta R.T.: -0.011 min
Response: 2167191
Conc: 18.22 ug/ml