

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016903.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 09:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 04:26:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.038	3264839	20.673 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.484	2487842	20.657 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.360	2567424	20.607 ug/ml
2) T n-Decane (C10)	4.622	2669128	20.849 ug/ml
3) T A~Naphthalene (C11.7)	6.341	2779367	21.242 ug/ml
4) T n-Dodecane (C12)	6.803	2721543	20.873 ug/ml
5) T A~2-methylnaphthalene...	7.444	2635665	21.902 ug/ml
6) T n-Tetradecane (C14)	8.643	2696583	21.108 ug/ml
7) T n-Hexadecane (C16)	10.262	2806616	21.240 ug/ml
8) T n-Octadecane (C18)	11.715	2921384	20.963 ug/ml
10) T n-Eicosane (C20)	13.034	2896326	20.721 ug/ml
11) T n-Heneicosane (C21)	13.651	2875744	20.684 ug/ml
13) T n-Docosane (C22)	14.242	2884593	20.389 ug/ml
14) T n-Tetracosane (C24)	15.353	2915795	19.832 ug/ml
15) T n-Hexacosane (C26)	16.382	2865247	19.530 ug/ml
16) T n-Octacosane (C28)	17.337	2821852	19.169 ug/ml
17) T n-Tricontane (C30)	18.231	2888519	19.090 ug/ml
18) T n-Dotriacontane (C32)	19.069	2801305	19.004 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2487867	19.306 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2073516	20.033 ug/ml
21) T n-Octatriacontane (C38)	21.379	1834196	20.805 ug/ml
22) T n-Tetracontane (C40)	22.362	1704976	21.775 ug/ml

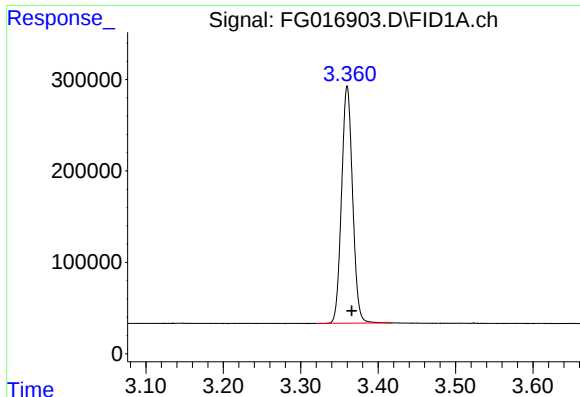
(f)=RT Delta > 1/2 Window

(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

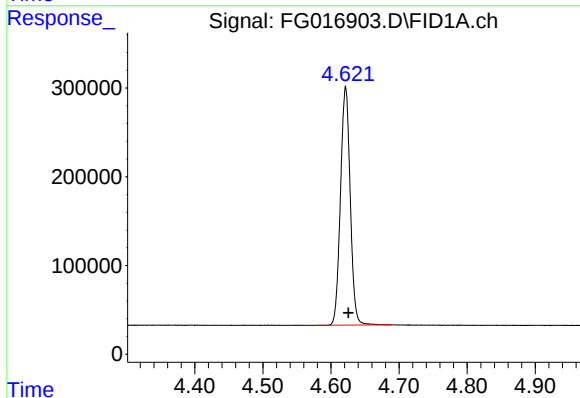




#1 n-Nonane (C9)

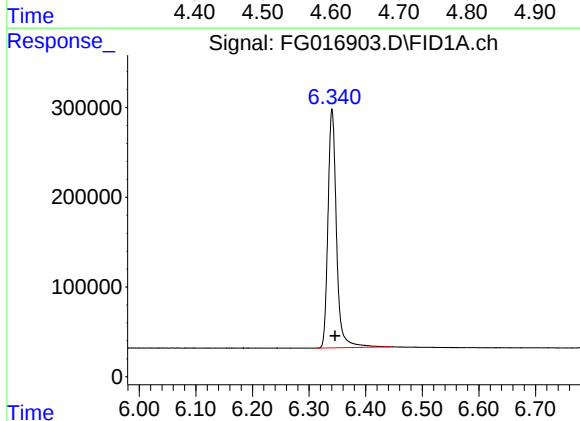
R.T.: 3.360 min
Delta R.T.: -0.006 min
Response: 2567424
Conc: 20.61 ug/ml

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20 PPM ALIPHATIC HC STD



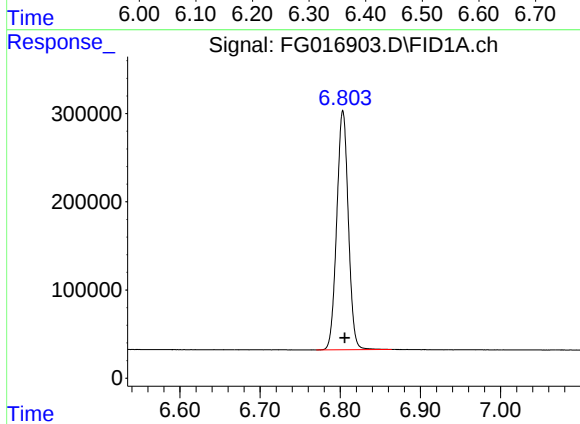
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 2669128
Conc: 20.85 ug/ml



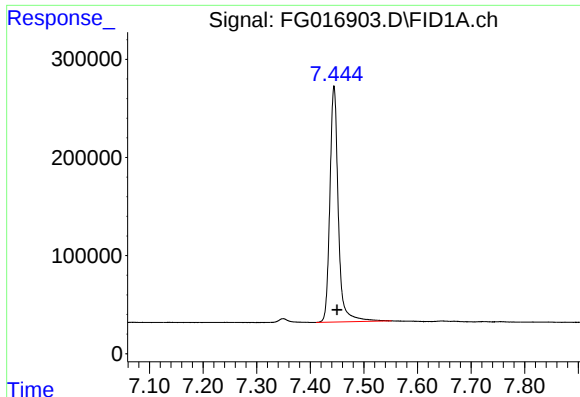
#3 A~Naphthalene (C11.7)

R.T.: 6.341 min
Delta R.T.: -0.006 min
Response: 2779367
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

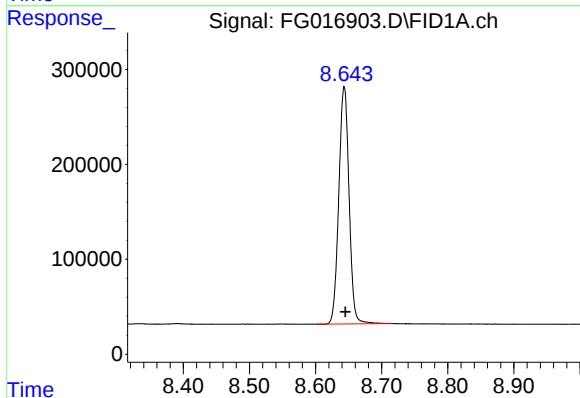
R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 2721543
Conc: 20.87 ug/ml



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

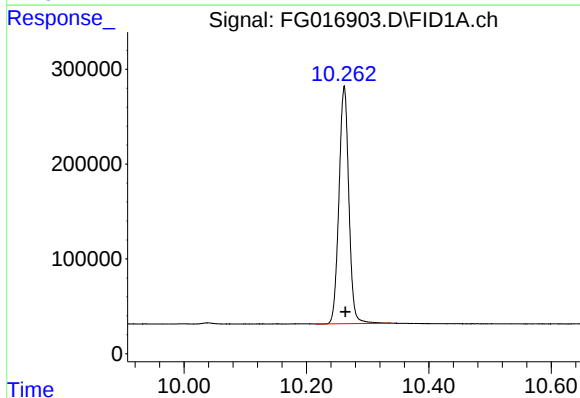
R.T.: 7.444 min
Delta R.T.: -0.006 min
Response: 2635665
Conc: 21.90 ug/ml

Instrument :
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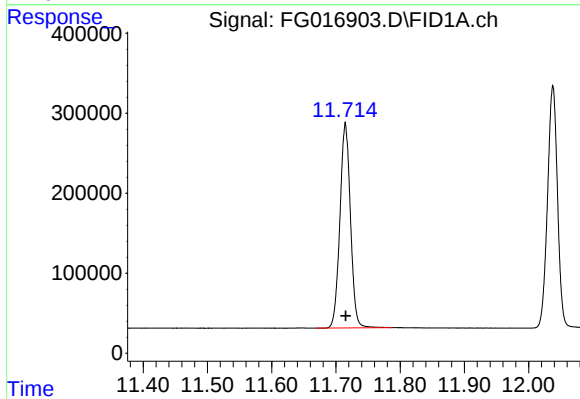
#6 n-Tetradecane (C14)

R.T.: 8.643 min
Delta R.T.: -0.002 min
Response: 2696583
Conc: 21.11 ug/ml



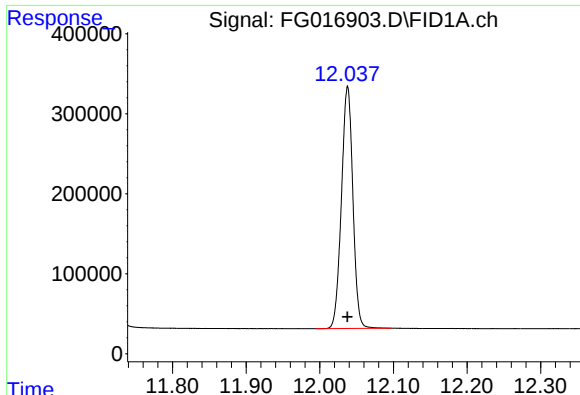
#7 n-Hexadecane (C16)

R.T.: 10.262 min
Delta R.T.: -0.002 min
Response: 2806616
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

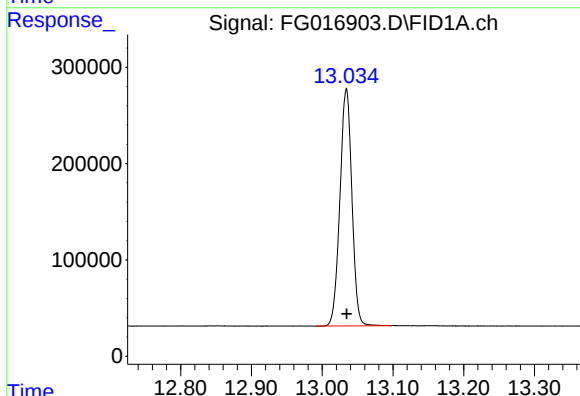
R.T.: 11.715 min
Delta R.T.: 0.000 min
Response: 2921384
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

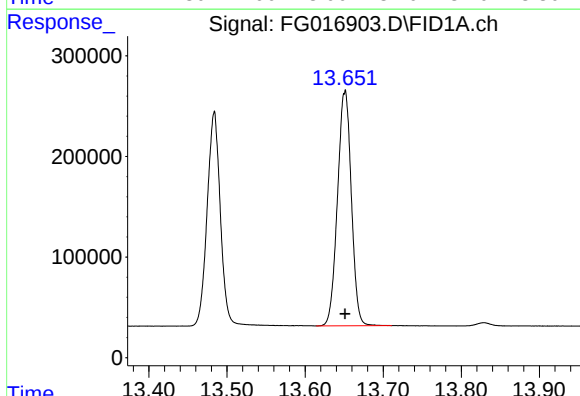
R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 3264839
Conc: 20.67 ug/ml

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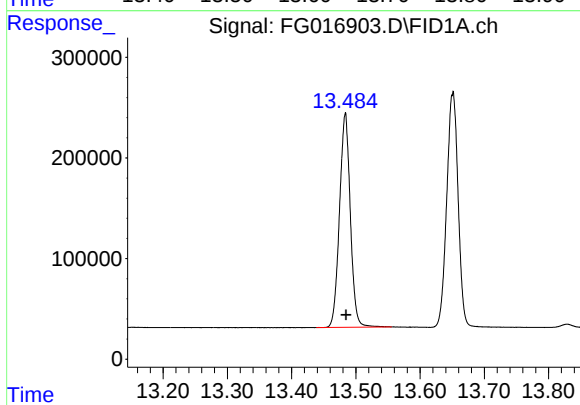
#10 n-Eicosane (C20)

R.T.: 13.034 min
Delta R.T.: 0.000 min
Response: 2896326
Conc: 20.72 ug/ml



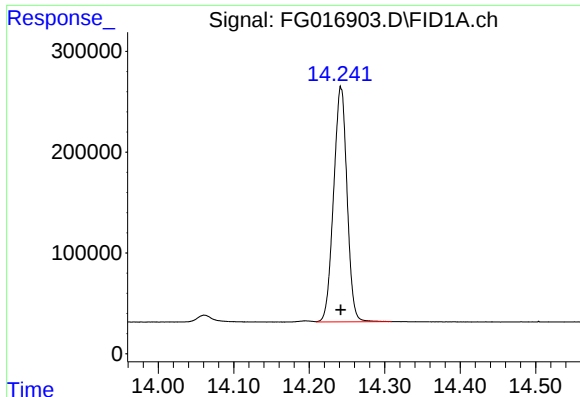
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: 0.000 min
Response: 2875744
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

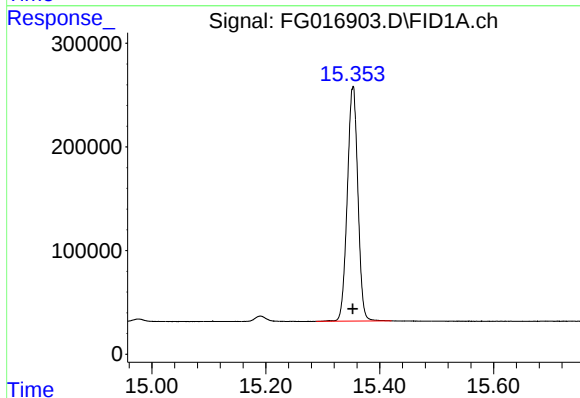
R.T.: 13.484 min
Delta R.T.: -0.001 min
Response: 2487842
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

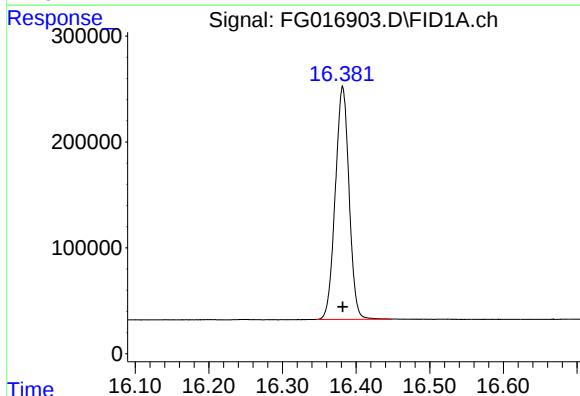
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 2884593
Conc: 20.39 ug/ml

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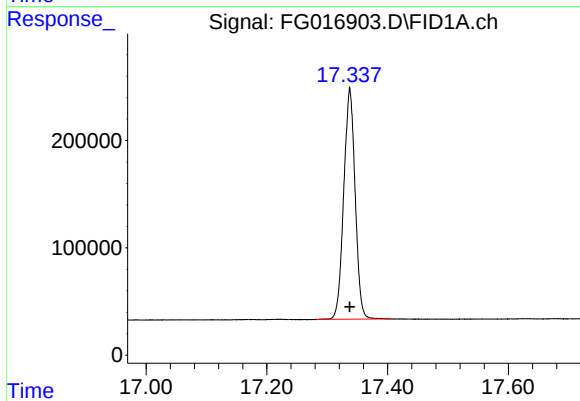
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 2915795
Conc: 19.83 ug/ml



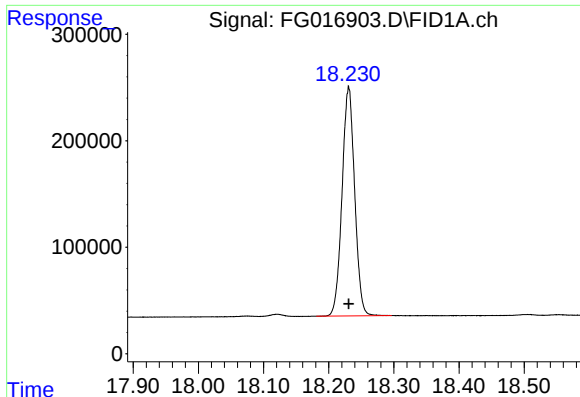
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: 0.000 min
Response: 2865247
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

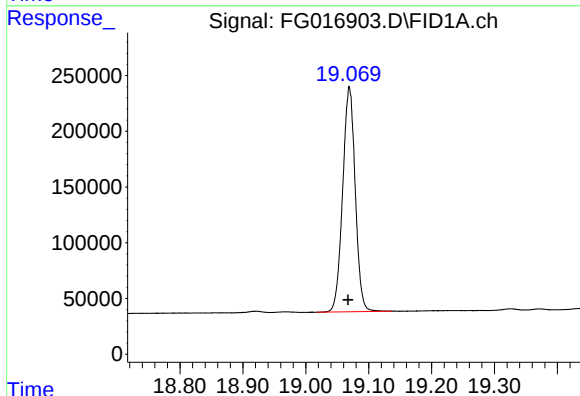
R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 2821852
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

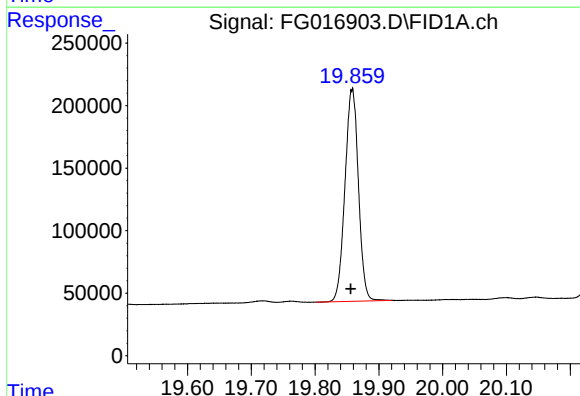
R.T.: 18.231 min
Delta R.T.: 0.000 min
Response: 2888519
Conc: 19.09 ug/ml

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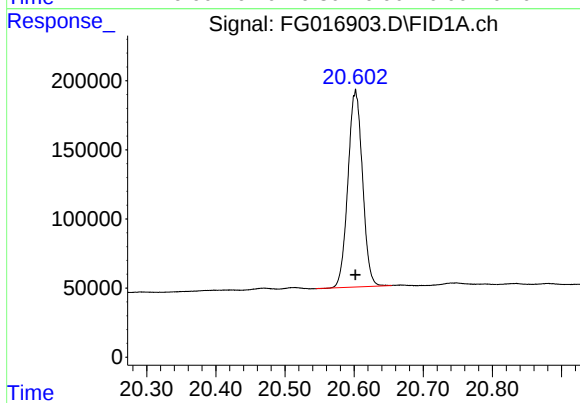
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.002 min
Response: 2801305
Conc: 19.00 ug/ml



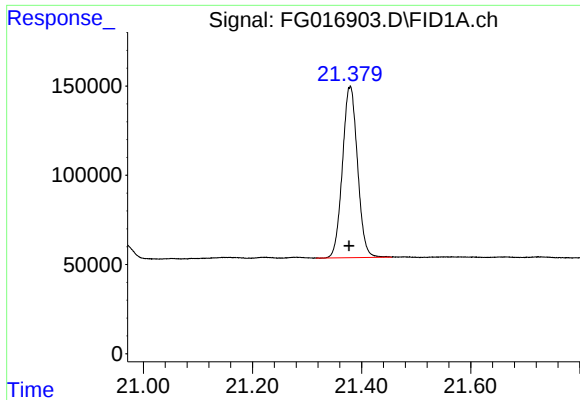
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.002 min
Response: 2487867
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

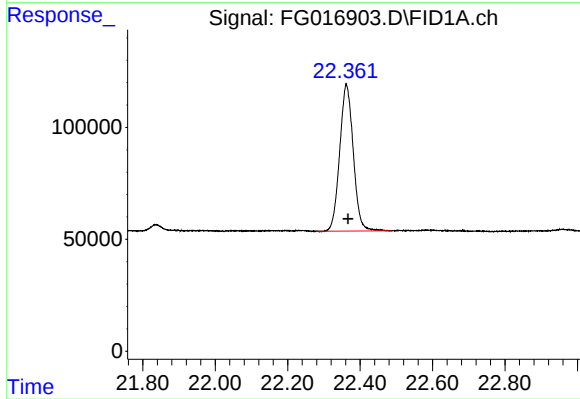
R.T.: 20.602 min
Delta R.T.: 0.000 min
Response: 2073516
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.002 min
Response: 1834196
Conc: 20.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.362 min
Delta R.T.: -0.005 min
Response: 1704976
Conc: 21.77 ug/ml