

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017187.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 23:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 17 04:59:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:57:13 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

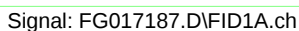
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.029	2943317	19.787 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
12) S 1-chlorooctadecane (S...	13.475	2243248	19.794 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.354	2233998	19.903 ug/ml
2) T n-Decane (C10)	4.615	2251615	19.926 ug/ml
3) T A~Naphthalene (C11.7)	6.334	2360057	19.953 ug/ml
4) T n-Dodecane (C12)	6.796	2273776	19.902 ug/ml
5) T A~2-methylnaphthalene...	7.437	2308382	20.013 ug/ml
6) T n-Tetradecane (C14)	8.635	2239606	19.801 ug/ml
7) T n-Hexadecane (C16)	10.253	2265645	19.669 ug/ml
8) T n-Octadecane (C18)	11.706	2340839	19.728 ug/ml
10) T n-Eicosane (C20)	13.026	2399101	19.744 ug/ml
11) T n-Heneicosane (C21)	13.642	2417987	19.773 ug/ml
13) T n-Docosane (C22)	14.232	2434519	19.801 ug/ml
14) T n-Tetracosane (C24)	15.344	2473388	19.895 ug/ml
15) T n-Hexacosane (C26)	16.371	2497090	19.959 ug/ml
16) T n-Octacosane (C28)	17.327	2510346	19.816 ug/ml
17) T n-Tricontane (C30)	18.220	2543932	19.754 ug/ml
18) T n-Dotriacontane (C32)	19.059	2491233	20.059 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2297920	20.729 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2182582	20.476 ug/ml
21) T n-Octatriacontane (C38)	21.368	2057821	20.560 ug/ml
22) T n-Tetracontane (C40)	22.349	1921238	20.491 ug/ml

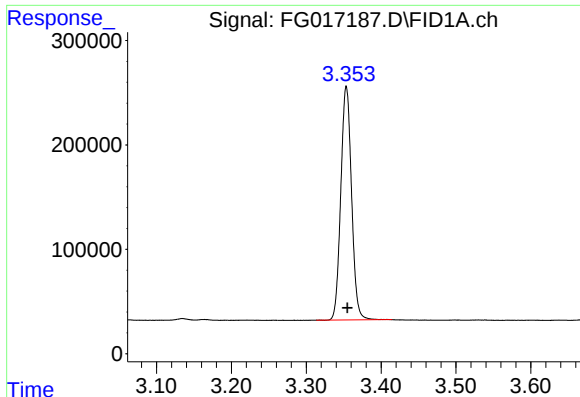
(f)=RT Delta > 1/2 Window

(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

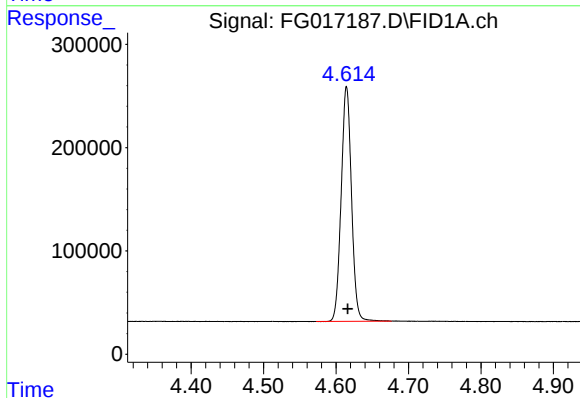




#1 n-Nonane (C9)

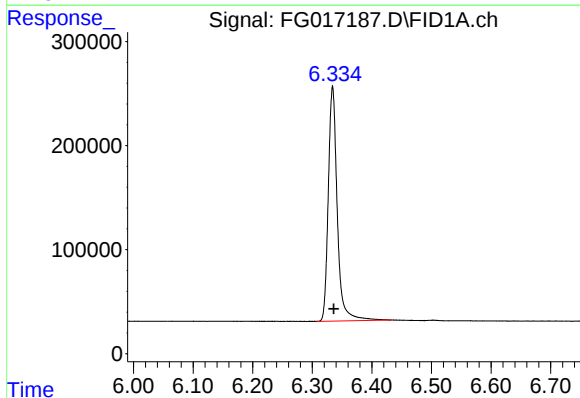
R.T.: 3.354 min
Delta R.T.: -0.001 min
Response: 2233998
Conc: 19.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



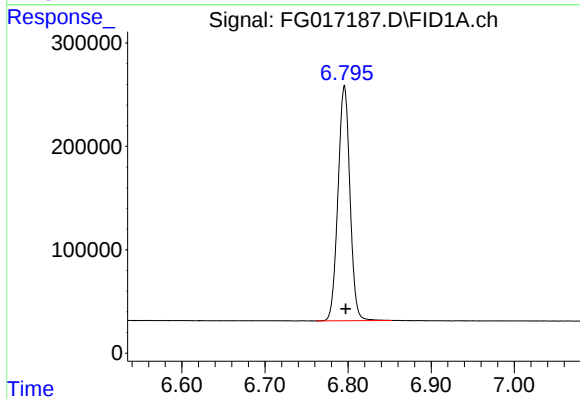
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 2251615
Conc: 19.93 ug/ml



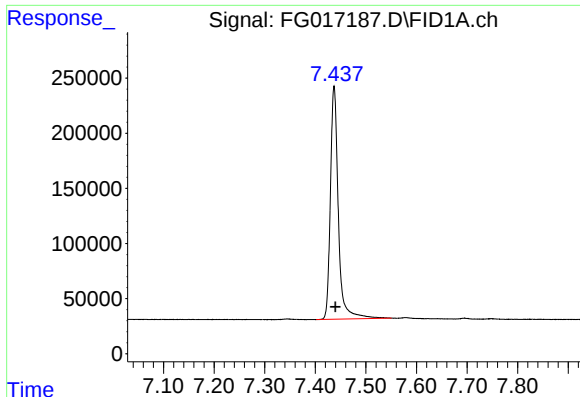
#3 A~Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 2360057
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

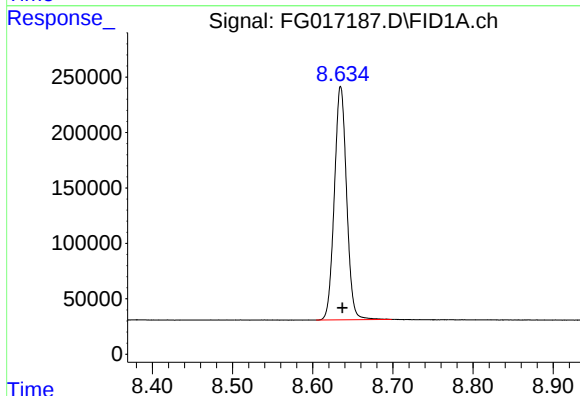
R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 2273776
Conc: 19.90 ug/ml



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

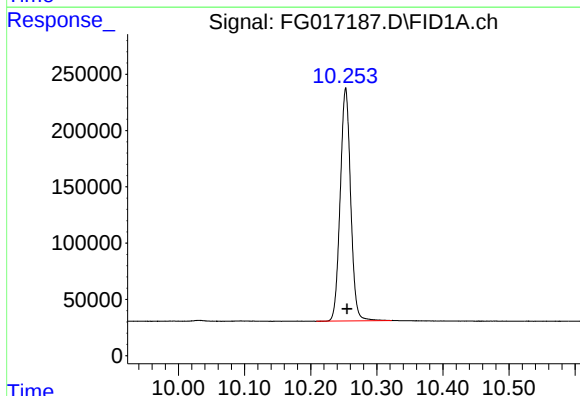
R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 2308382
Conc: 20.01 ug/ml

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20 PPM ALIPHATIC HC STD



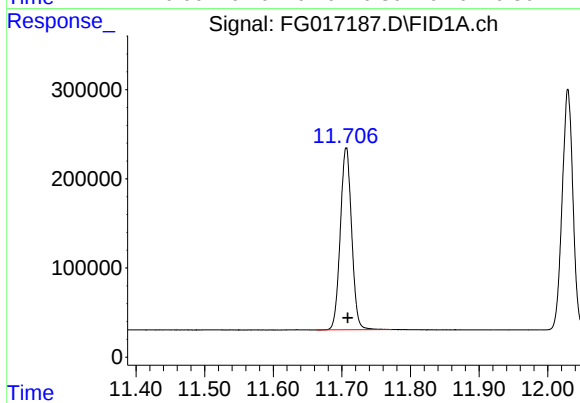
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 2239606
Conc: 19.80 ug/ml



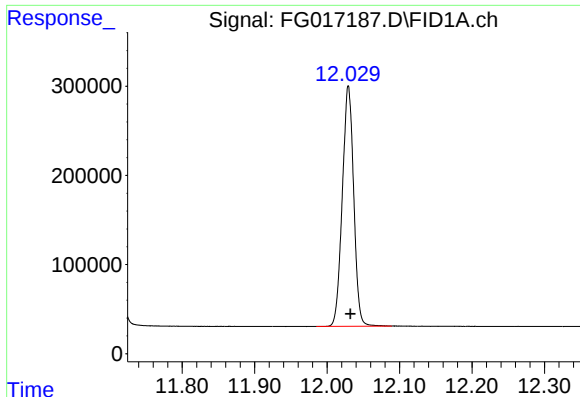
#7 n-Hexadecane (C16)

R.T.: 10.253 min
Delta R.T.: -0.002 min
Response: 2265645
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

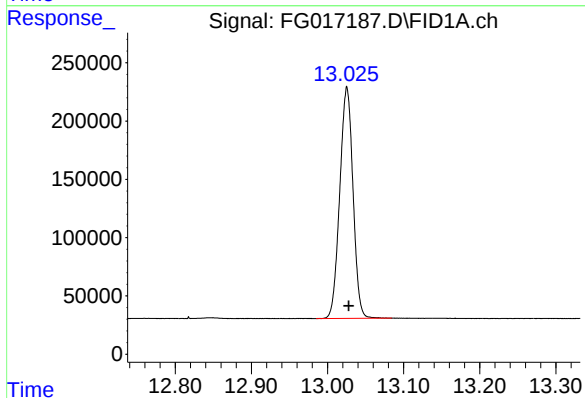
R.T.: 11.706 min
Delta R.T.: -0.002 min
Response: 2340839
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

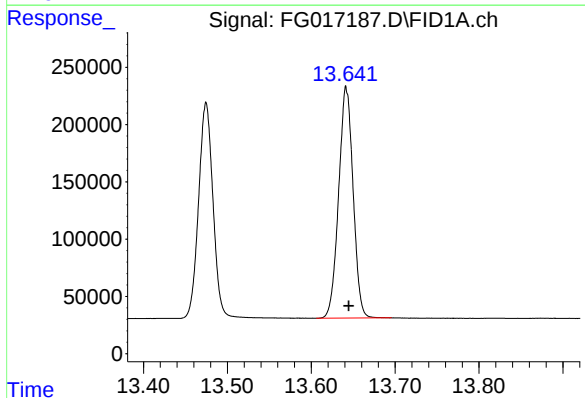
R.T.: 12.029 min
Delta R.T.: -0.003 min
Response: 2943317
Conc: 19.79 ug/ml

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20 PPM ALIPHATIC HC STD



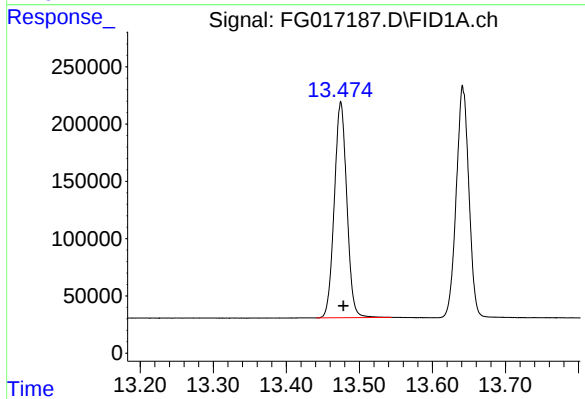
#10 n-Eicosane (C20)

R.T.: 13.026 min
Delta R.T.: -0.002 min
Response: 2399101
Conc: 19.74 ug/ml



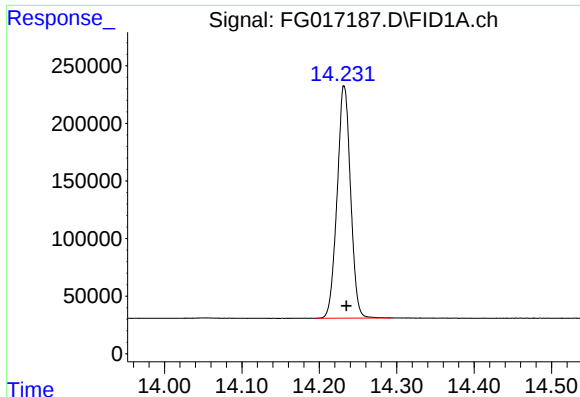
#11 n-Heneicosane (C21)

R.T.: 13.642 min
Delta R.T.: -0.003 min
Response: 2417987
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

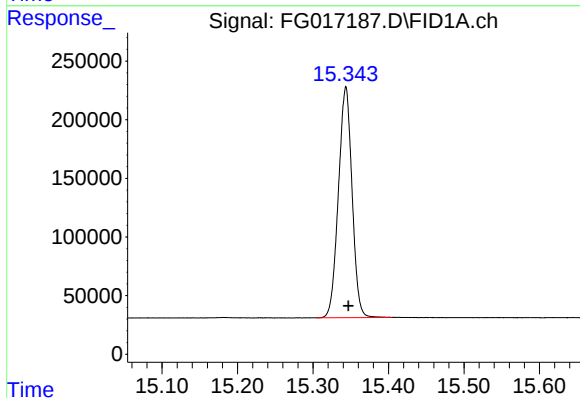
R.T.: 13.475 min
Delta R.T.: -0.003 min
Response: 2243248
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

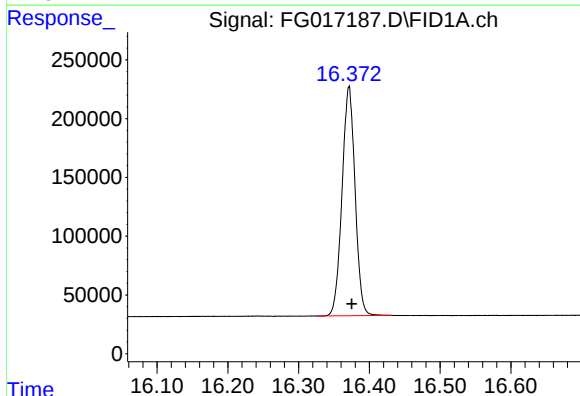
R.T.: 14.232 min
Delta R.T.: -0.003 min
Response: 2434519
Conc: 19.80 ug/ml

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20 PPM ALIPHATIC HC STD



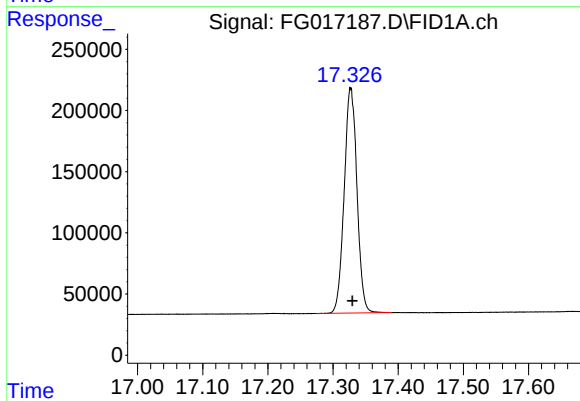
#14 n-Tetracosane (C24)

R.T.: 15.344 min
Delta R.T.: -0.003 min
Response: 2473388
Conc: 19.90 ug/ml



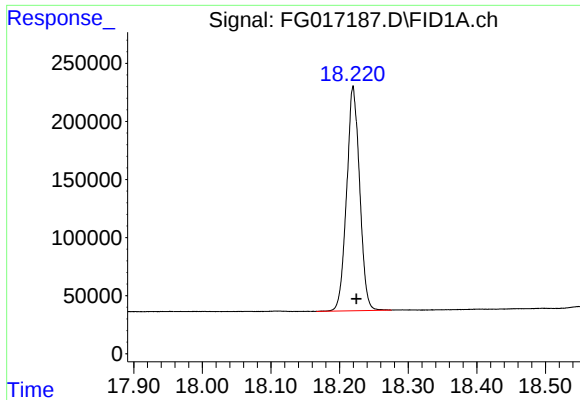
#15 n-Hexacosane (C26)

R.T.: 16.371 min
Delta R.T.: -0.004 min
Response: 2497090
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

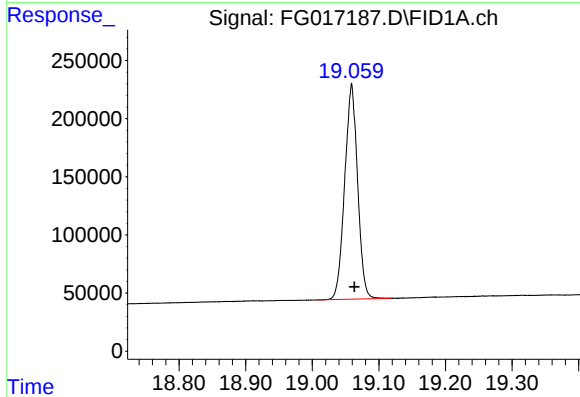
R.T.: 17.327 min
Delta R.T.: -0.003 min
Response: 2510346
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

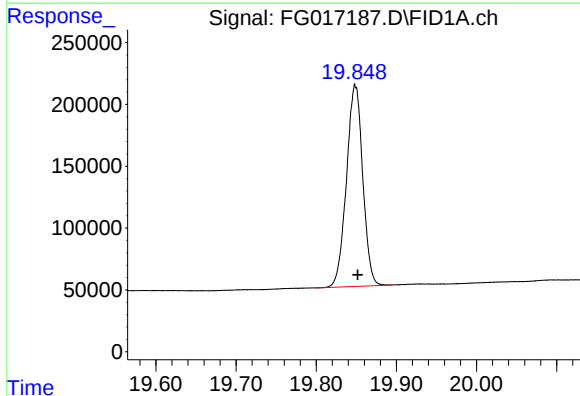
R.T.: 18.220 min
Delta R.T.: -0.005 min
Response: 2543932
Conc: 19.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



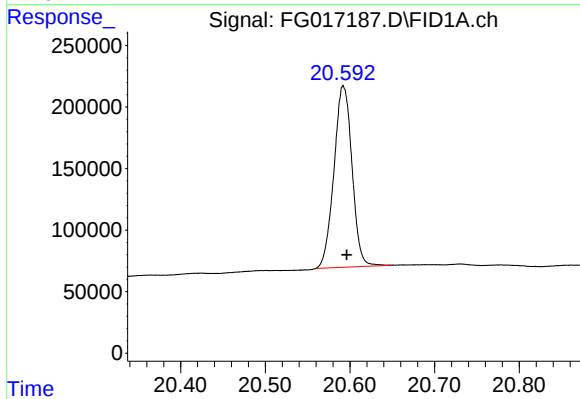
#18 n-Dotriacontane (C32)

R.T.: 19.059 min
Delta R.T.: -0.004 min
Response: 2491233
Conc: 20.06 ug/ml



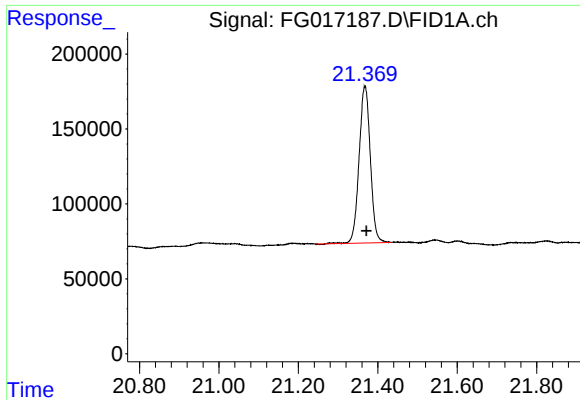
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.003 min
Response: 2297920
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

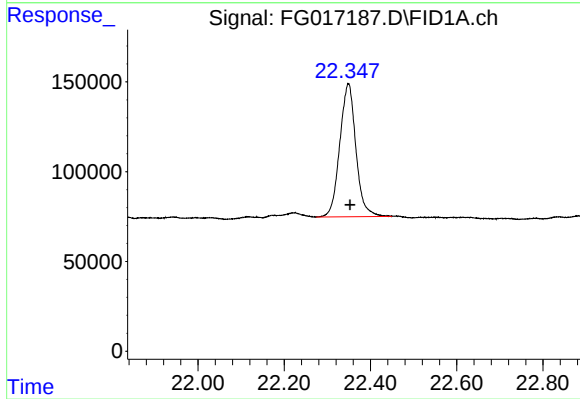
R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 2182582
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.368 min
Delta R.T.: -0.004 min
Response: 2057821
Conc: 20.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.349 min
Delta R.T.: -0.004 min
Response: 1921238
Conc: 20.49 ug/ml