

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055397.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 07:30
 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: Aug 20 11:18:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

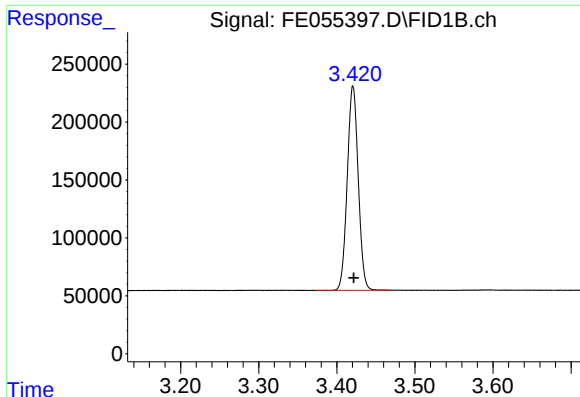
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.087	2427574	16.999 ug/ml
Spiked Amount 50.000		Recovery =	34.00%
12) S 1-chlorooctadecane (S...	13.523	1858221	17.282 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
Target Compounds			
1) T n-Nonane (C9)	3.421	1729447	15.069 ug/ml
2) T n-Decane (C10)	4.679	1862431	15.987 ug/ml
3) T A~Naphthalene (C11.7)	6.401	2126921	15.845 ug/ml
4) T n-Dodecane (C12)	6.856	1941509	16.304 ug/ml
5) T A~2-methylnaphthalene...	7.503	2107568	16.164 ug/ml
6) T n-Tetradecane (C14)	8.694	1993849	16.262 ug/ml
7) T n-Hexadecane (C16)	10.309	2118635	16.572 ug/ml
8) T n-Octadecane (C18)	11.759	2227844	17.075 ug/ml
10) T n-Eicosane (C20)	13.075	2172806	17.317 ug/ml
11) T n-Heneicosane (C21)	13.690	2129052	17.272 ug/ml
13) T n-Docosane (C22)	14.278	2199459	18.011 ug/ml
14) T n-Tetracosane (C24)	15.385	2359756	19.401 ug/ml
15) T n-Hexacosane (C26)	16.410	2423386	20.255 ug/ml
16) T n-Octacosane (C28)	17.363	2567766	21.646 ug/ml
17) T n-Tricontane (C30)	18.252	2873640	23.354 ug/ml
18) T n-Dotriacontane (C32)	19.088	2977354	24.402 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2697667	23.073 ug/ml
20) T n-Hexatriacontane (C36)	20.614	2357046	21.565 ug/ml
21) T n-Octatriacontane (C38)	21.397	2120504	19.621 ug/ml
22) T n-Tetracontane (C40)	22.390	1958450	18.728 ug/ml

(f)=RT Delta > 1/2 Window

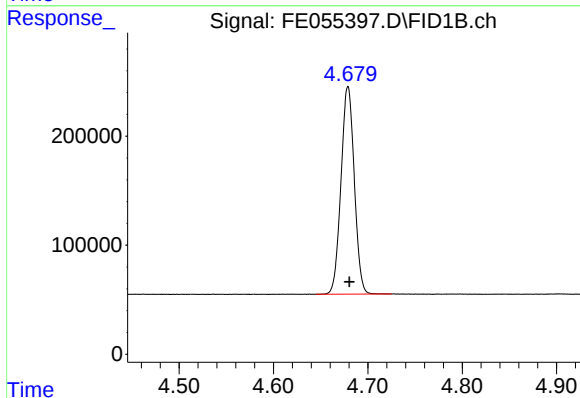
(m)=manual int.



#1 n-Nonane (C9)

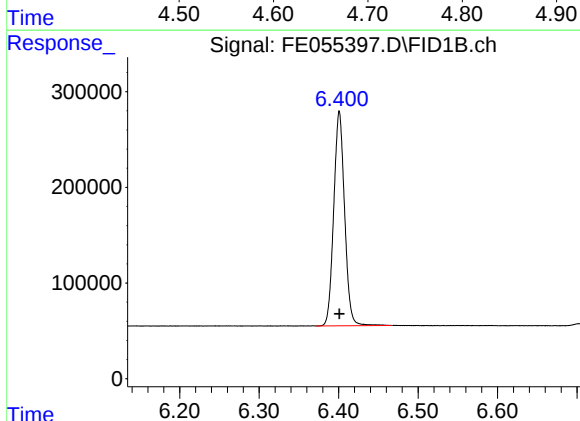
R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 1729447
Conc: 15.07 ug/ml

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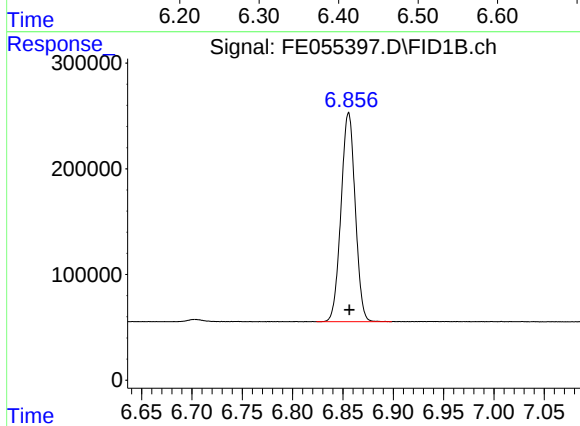
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 1862431
Conc: 15.99 ug/ml



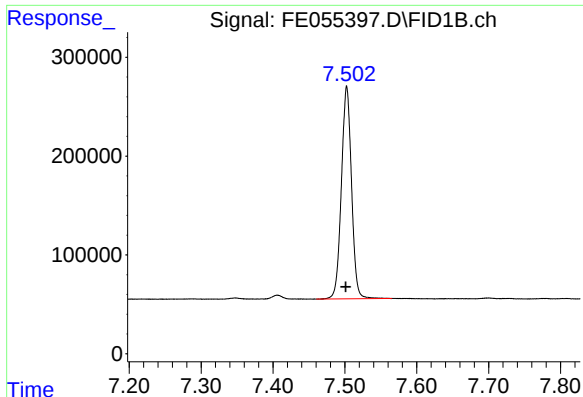
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2126921
Conc: 15.85 ug/ml



#4 n-Dodecane (C12)

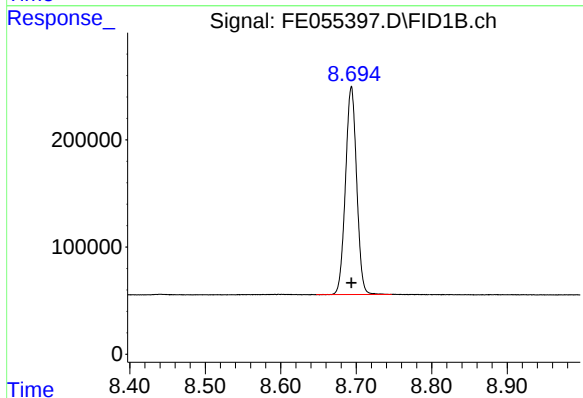
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 1941509
Conc: 16.30 ug/ml



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

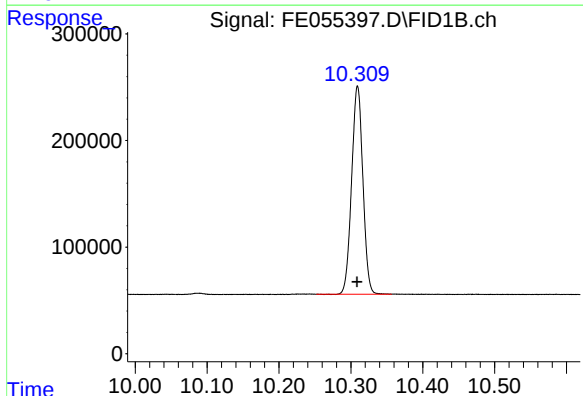
R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 2107568
Conc: 16.16 ug/ml

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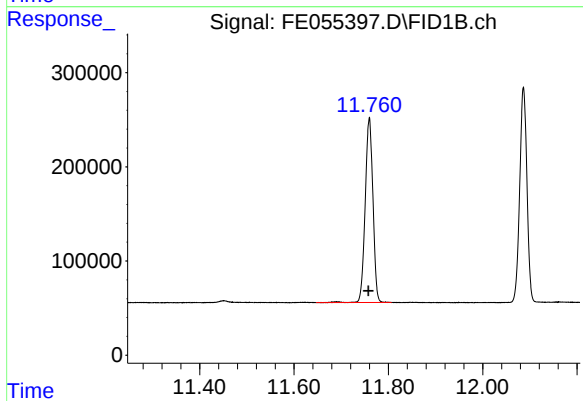
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 1993849
Conc: 16.26 ug/ml



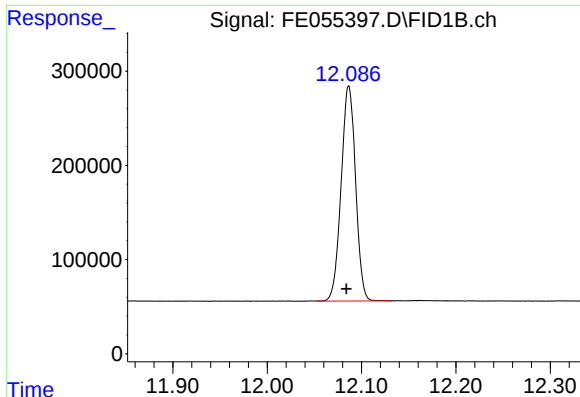
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2118635
Conc: 16.57 ug/ml



#8 n-Octadecane (C18)

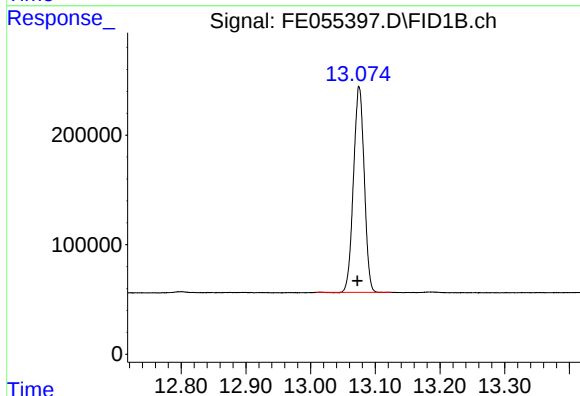
R.T.: 11.759 min
Delta R.T.: 0.002 min
Response: 2227844
Conc: 17.07 ug/ml



#9 ortho-Terphenyl (SURR)

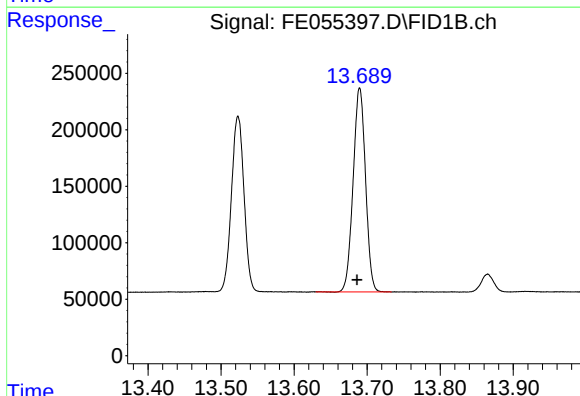
R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 2427574
Conc: 17.00 ug/ml

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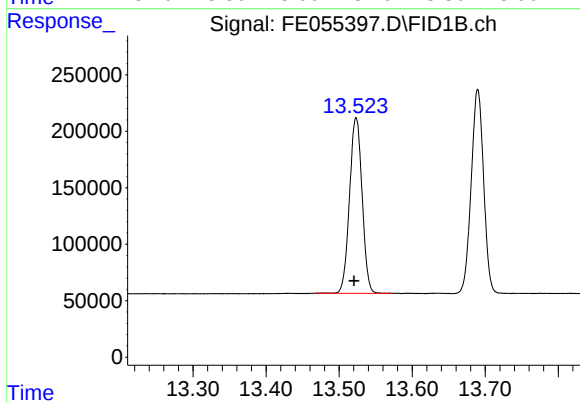
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 2172806
Conc: 17.32 ug/ml



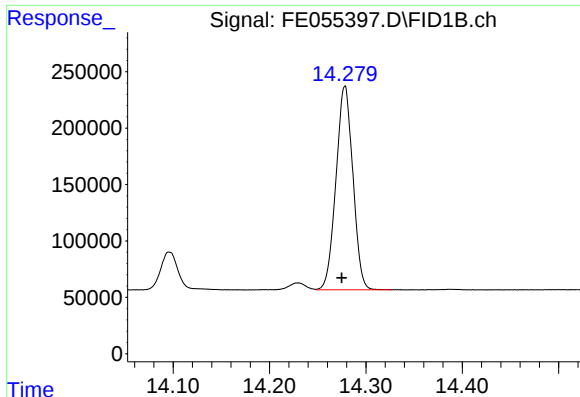
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 2129052
Conc: 17.27 ug/ml



#12 1-chlorooctadecane (SURR)

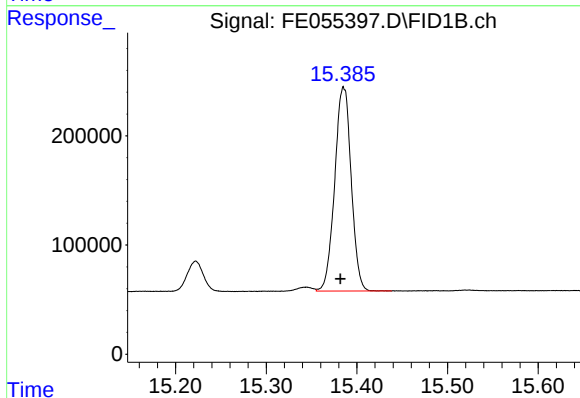
R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 1858221
Conc: 17.28 ug/ml



#13 n-Docosane (C22)

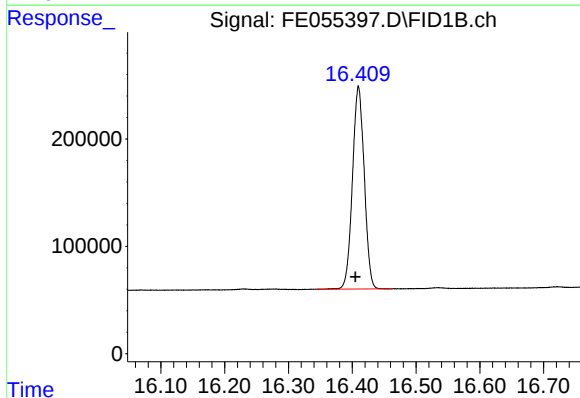
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 2199459
Conc: 18.01 ug/ml

Instrument :
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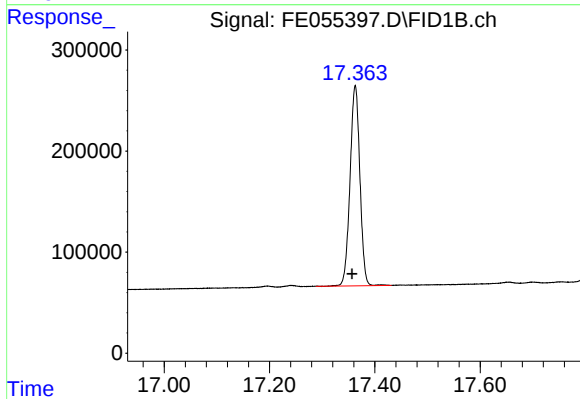
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.004 min
Response: 2359756
Conc: 19.40 ug/ml



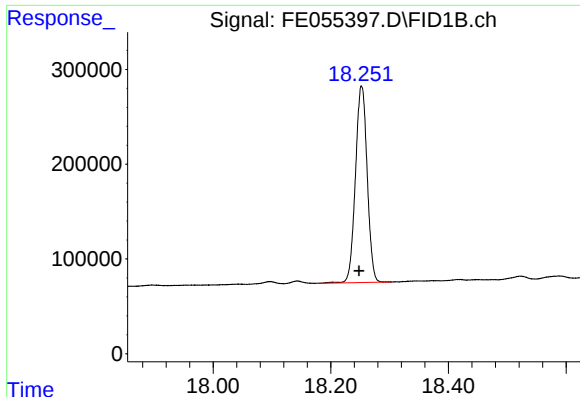
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 2423386
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

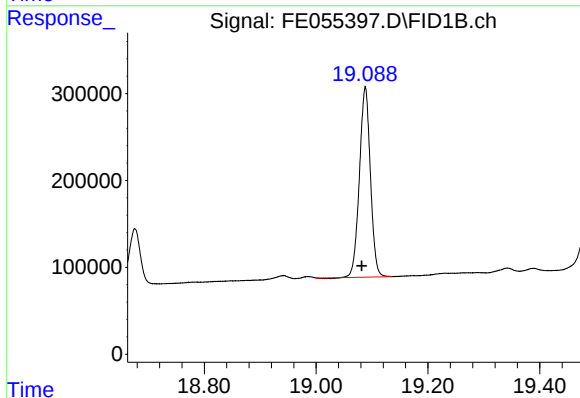
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 2567766
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

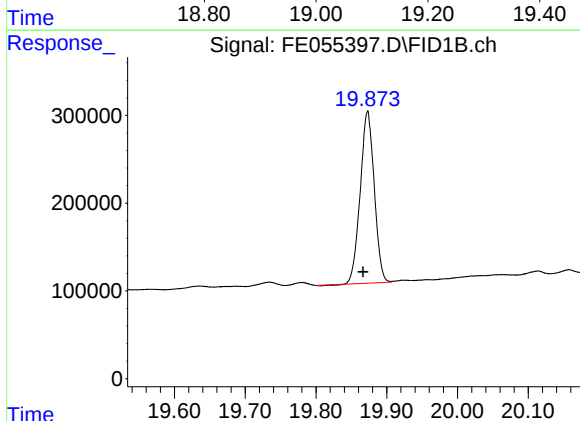
R.T.: 18.252 min
Delta R.T.: 0.004 min
Response: 2873640
Conc: 23.35 ug/ml

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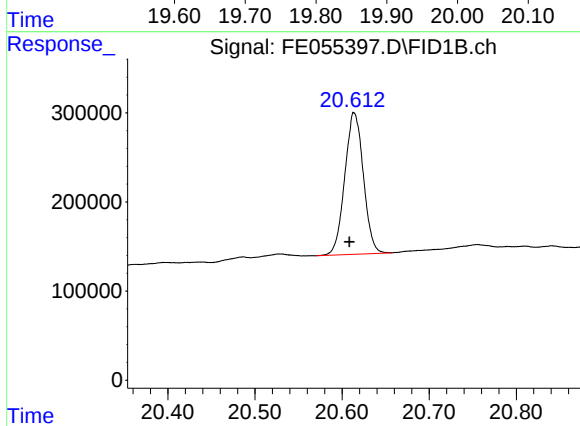
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.006 min
Response: 2977354
Conc: 24.40 ug/ml



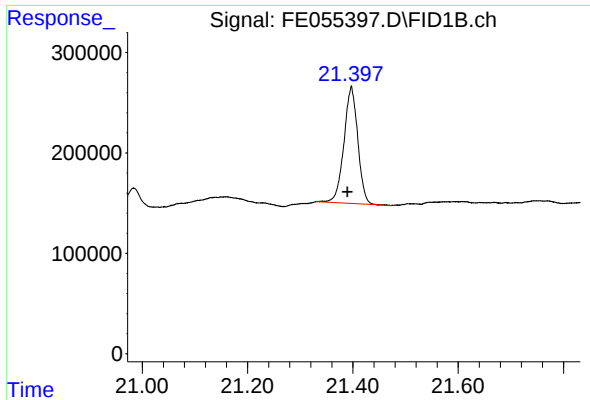
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2697667
Conc: 23.07 ug/ml



#20 n-Hexatriacontane (C36)

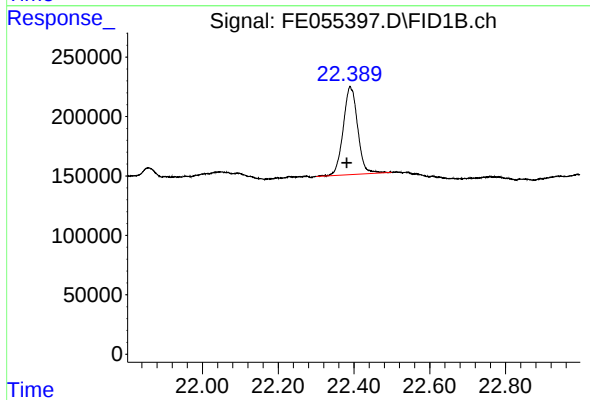
R.T.: 20.614 min
Delta R.T.: 0.006 min
Response: 2357046
Conc: 21.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.007 min
Response: 2120504
Conc: 19.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.009 min
Response: 1958450
Conc: 18.73 ug/ml