

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
 Data File : FE056354.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 19:00
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 17 08:23:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:21:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

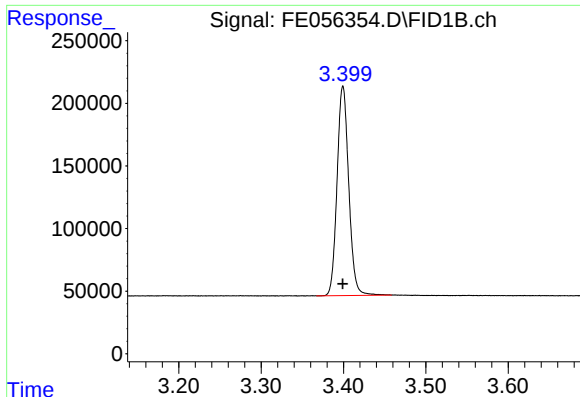
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.051	2078091	10.861 ug/ml
Spiked Amount 50.000		Recovery =	21.72%
12) S 1-chlorooctadecane (S...	13.488	1545743	10.782 ug/ml
Spiked Amount 50.000		Recovery =	21.56%
Target Compounds			
1) T n-Nonane (C9)	3.399	1646705	10.715 ug/ml
2) T n-Decane (C10)	4.652	1655109	10.664 ug/ml
3) T A~Naphthalene (C11.7)	6.370	1752100	10.422 ug/ml
4) T n-Dodecane (C12)	6.825	1690409	10.721 ug/ml
5) T A~2-methylnaphthalene...	7.470	1629274	10.188 ug/ml
6) T n-Tetradecane (C14)	8.661	1662323	10.641 ug/ml
7) T n-Hexadecane (C16)	10.276	1758484	10.674 ug/ml
8) T n-Octadecane (C18)	11.725	1854119	10.851 ug/ml
10) T n-Eicosane (C20)	13.040	1816244	10.941 ug/ml
11) T n-Heneicosane (C21)	13.654	1788939	10.907 ug/ml
13) T n-Docosane (C22)	14.243	1812465	11.150 ug/ml
14) T n-Tetracosane (C24)	15.350	1832865	11.304 ug/ml
15) T n-Hexacosane (C26)	16.374	1812019	11.392 ug/ml
16) T n-Octacosane (C28)	17.327	1800062	11.632 ug/ml
17) T n-Tricontane (C30)	18.217	1850780	11.818 ug/ml
18) T n-Dotriacontane (C32)	19.051	1808728	12.061 ug/ml
19) T n-Tetratriacontane (C34)	19.835	1598424	11.825 ug/ml
20) T n-Hexatriacontane (C36)	20.577	1302225	11.309 ug/ml
21) T n-Octatriacontane (C38)	21.348	1117621	11.324 ug/ml
22) T n-Tetracontane (C40)	22.327	970320	11.351 ug/ml

(f)=RT Delta > 1/2 Window

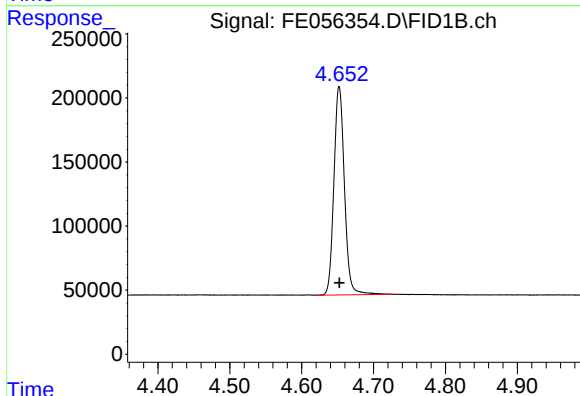
(m)=manual int.



#1 n-Nonane (C9)

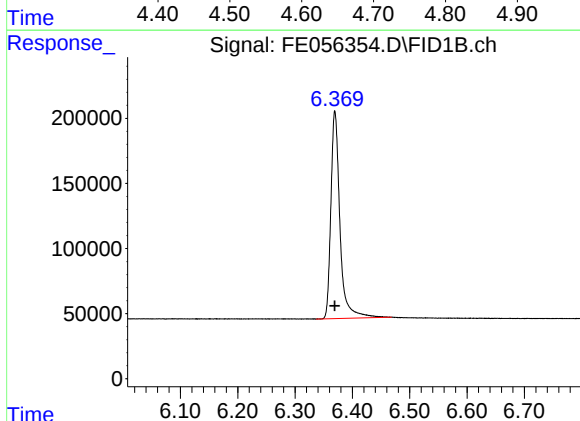
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 1646705
Conc: 10.71 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



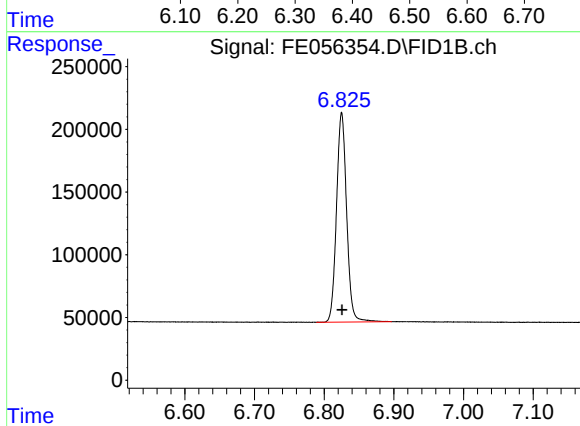
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 1655109
Conc: 10.66 ug/ml



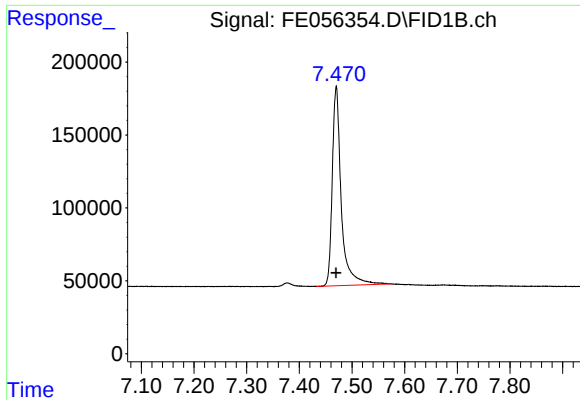
#3 A~Naphthalene (C11.7)

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 1752100
Conc: 10.42 ug/ml



#4 n-Dodecane (C12)

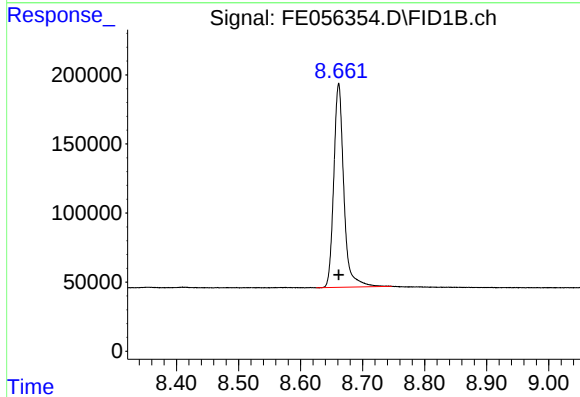
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 1690409
Conc: 10.72 ug/ml



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

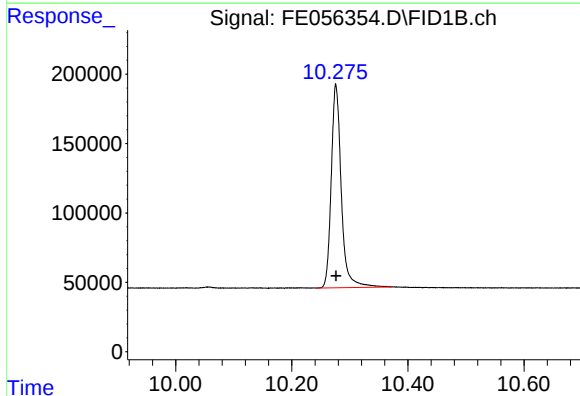
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 1629274
Conc: 10.19 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



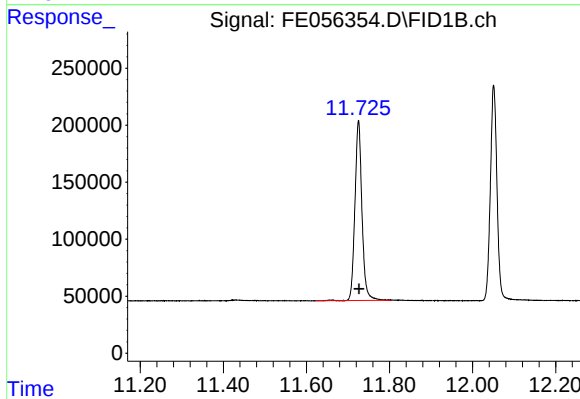
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 1662323
Conc: 10.64 ug/ml



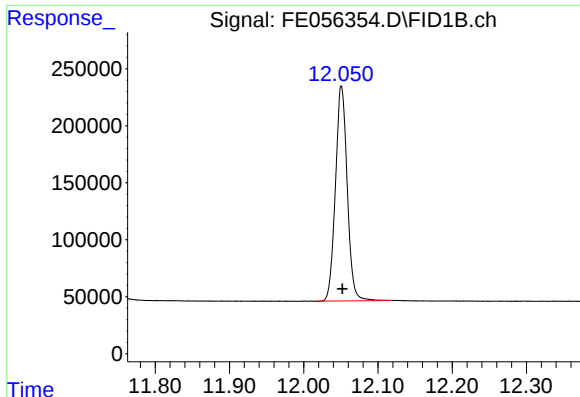
#7 n-Hexadecane (C16)

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 1758484
Conc: 10.67 ug/ml



#8 n-Octadecane (C18)

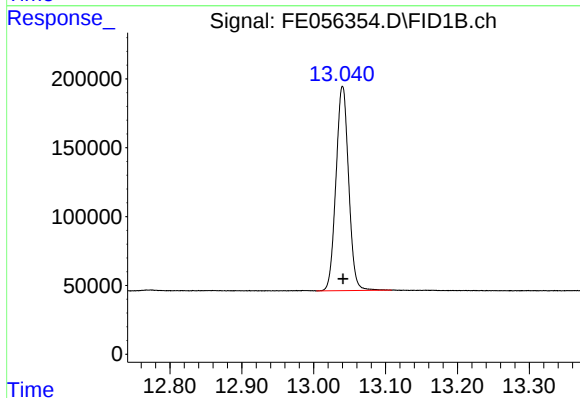
R.T.: 11.725 min
Delta R.T.: -0.001 min
Response: 1854119
Conc: 10.85 ug/ml



#9 ortho-Terphenyl (SURR)

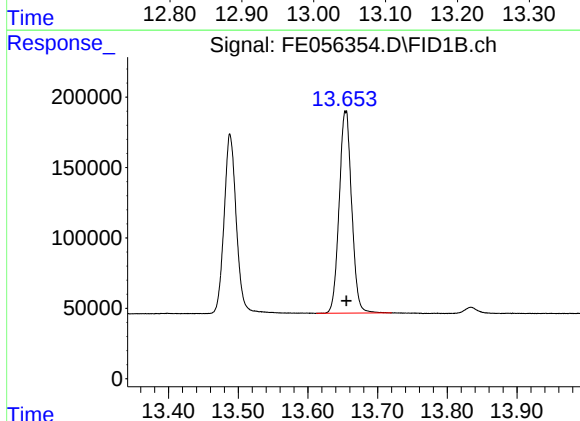
R.T.: 12.051 min
Delta R.T.: -0.001 min
Response: 2078091
Conc: 10.86 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



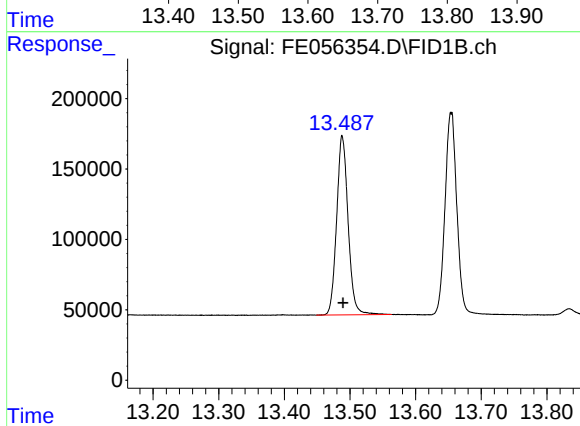
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 1816244
Conc: 10.94 ug/ml



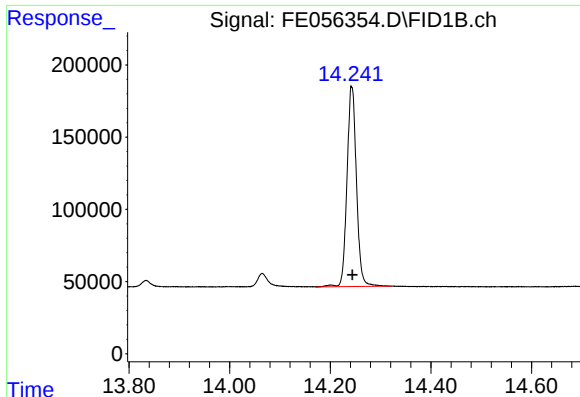
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: -0.001 min
Response: 1788939
Conc: 10.91 ug/ml



#12 1-chlorooctadecane (SURR)

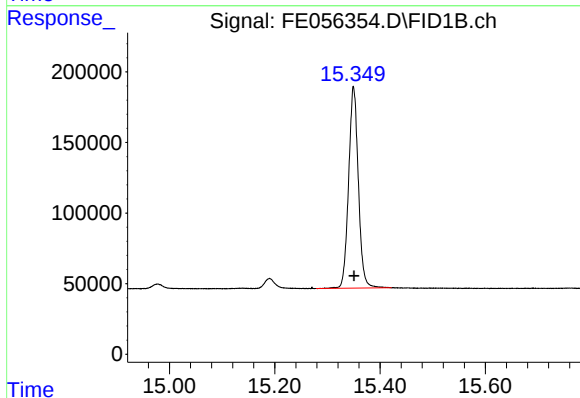
R.T.: 13.488 min
Delta R.T.: 0.000 min
Response: 1545743
Conc: 10.78 ug/ml



#13 n-Docosane (C22)

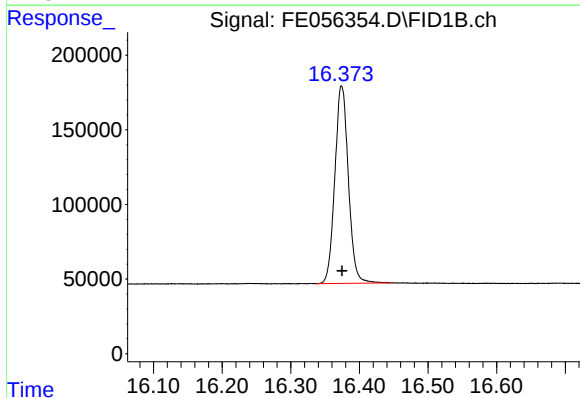
R.T.: 14.243 min
Delta R.T.: 0.000 min
Response: 1812465
Conc: 11.15 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



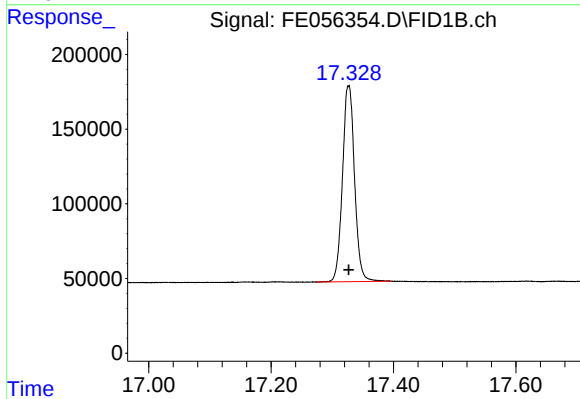
#14 n-Tetracosane (C24)

R.T.: 15.350 min
Delta R.T.: 0.000 min
Response: 1832865
Conc: 11.30 ug/ml



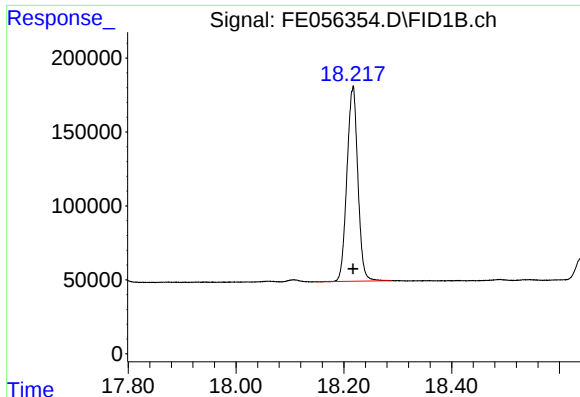
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: 0.000 min
Response: 1812019
Conc: 11.39 ug/ml



#16 n-Octacosane (C28)

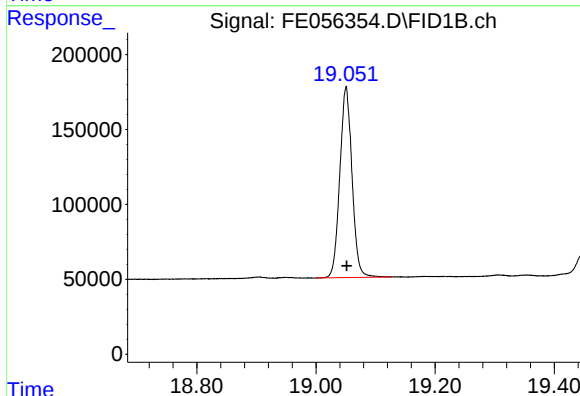
R.T.: 17.327 min
Delta R.T.: 0.000 min
Response: 1800062
Conc: 11.63 ug/ml



#17 n-Tricontane (C30)

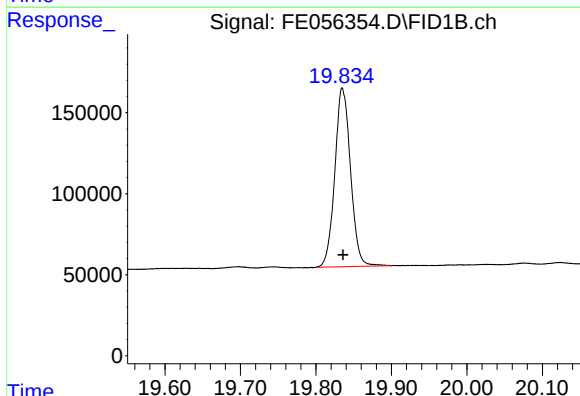
R.T.: 18.217 min
Delta R.T.: 0.000 min
Response: 1850780
Conc: 11.82 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



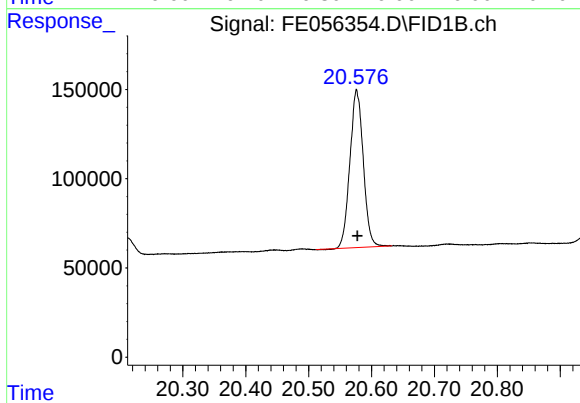
#18 n-Dotriacontane (C32)

R.T.: 19.051 min
Delta R.T.: -0.001 min
Response: 1808728
Conc: 12.06 ug/ml



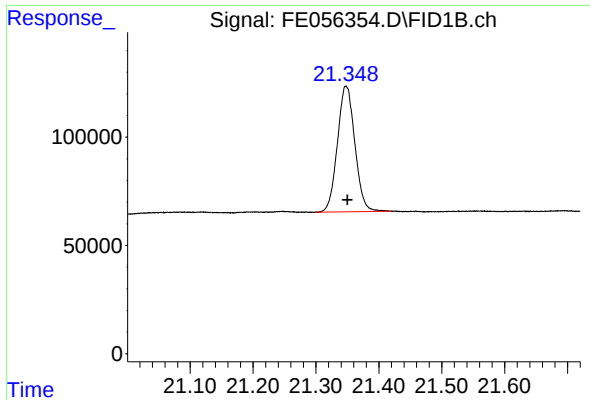
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: 0.000 min
Response: 1598424
Conc: 11.82 ug/ml



#20 n-Hexatriacontane (C36)

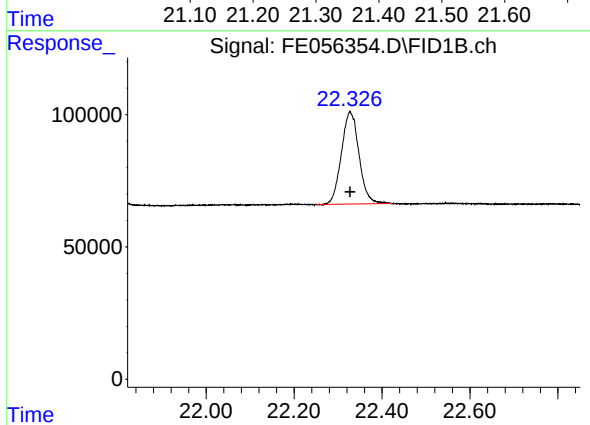
R.T.: 20.577 min
Delta R.T.: -0.001 min
Response: 1302225
Conc: 11.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.348 min
Delta R.T.: -0.002 min
Response: 1117621
Conc: 11.32 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.327 min
Delta R.T.: 0.000 min
Response: 970320
Conc: 11.35 ug/ml