

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052697.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 13:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 11 05:17:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

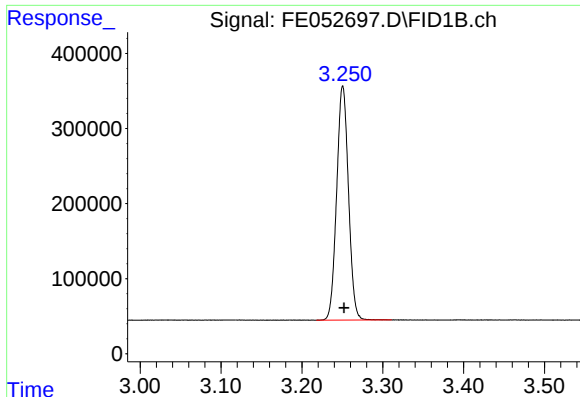
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.914	3308445	19.625 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	13.359	2445235	20.138 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
Target Compounds			
1) T n-Nonane (C9)	3.251	3162560	20.397 ug/ml
2) T n-Decane (C10)	4.513	3245374	20.659 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3462790	20.418 ug/ml
4) T n-Dodecane (C12)	6.695	3186653	20.467 ug/ml
5) T A~2-methylnaphthalene...	7.331	3293958	20.326 ug/ml
6) T n-Tetradecane (C14)	8.533	3077081	20.336 ug/ml
7) T n-Hexadecane (C16)	10.148	3107765	20.327 ug/ml
8) T n-Octadecane (C18)	11.598	3085592	20.281 ug/ml
10) T n-Eicosane (C20)	12.913	2933211	20.205 ug/ml
11) T n-Heneicosane (C21)	13.527	2871349	20.174 ug/ml
13) T n-Docosane (C22)	14.115	2883660	20.263 ug/ml
14) T n-Tetracosane (C24)	15.222	2935942	20.515 ug/ml
15) T n-Hexacosane (C26)	16.246	2926555	20.581 ug/ml
16) T n-Octacosane (C28)	17.200	2959285	20.811 ug/ml
17) T n-Tricontane (C30)	18.091	3086250	20.895 ug/ml
18) T n-Dotriacontane (C32)	18.925	3061964	21.091 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2720697	20.186 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2414567	20.321 ug/ml
21) T n-Octatriacontane (C38)	21.198	2300535	20.737 ug/ml
22) T n-Tetracontane (C40)	22.120	2271788	21.013 ug/ml

(f)=RT Delta > 1/2 Window

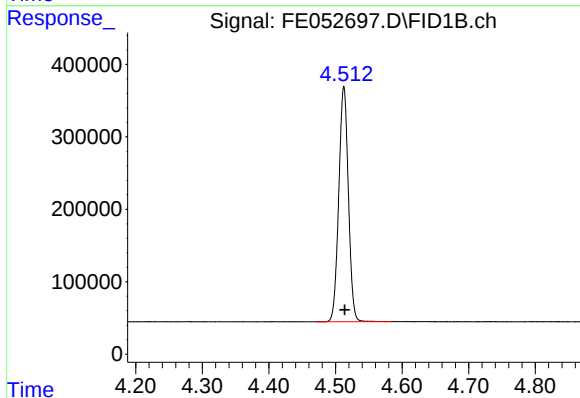
(m)=manual int.



#1 n-Nonane (C9)

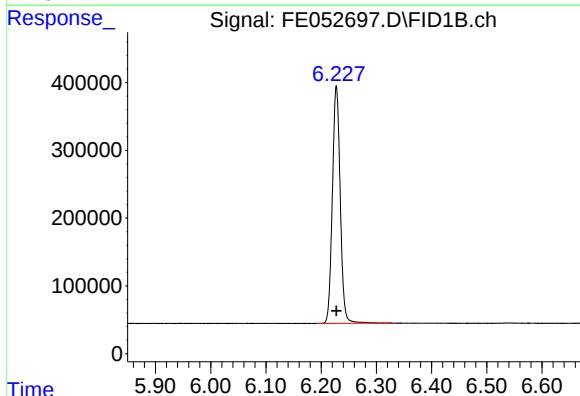
R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 3162560
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



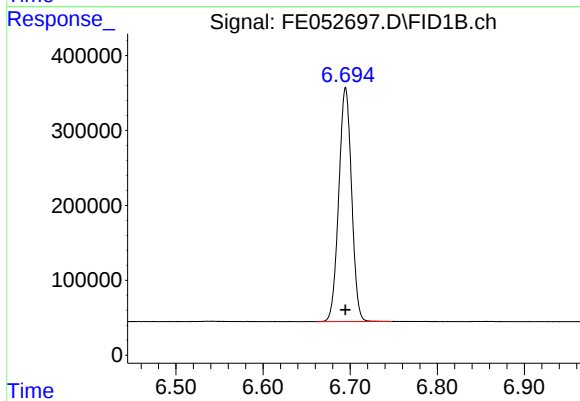
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 3245374
Conc: 20.66 ug/ml



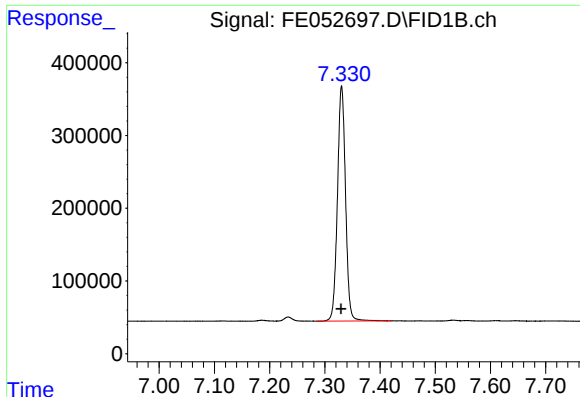
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3462790
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

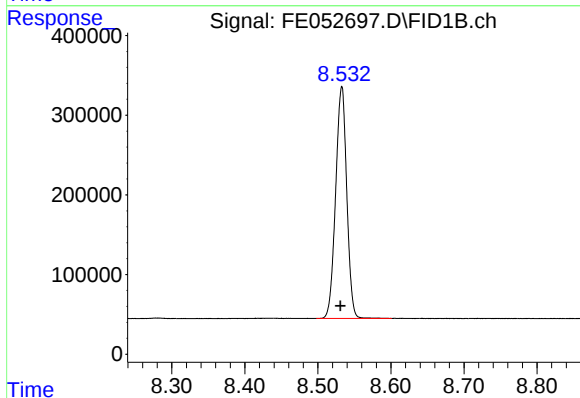
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3186653
Conc: 20.47 ug/ml



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

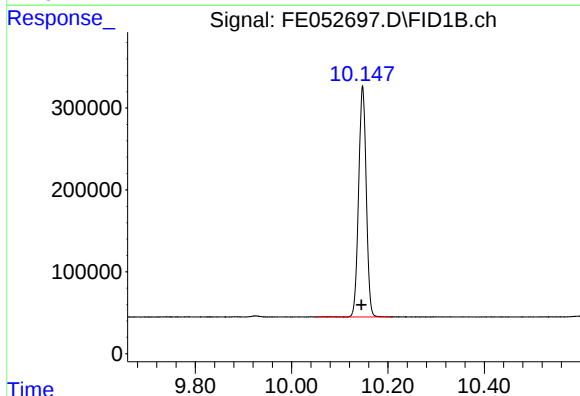
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 3293958
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :



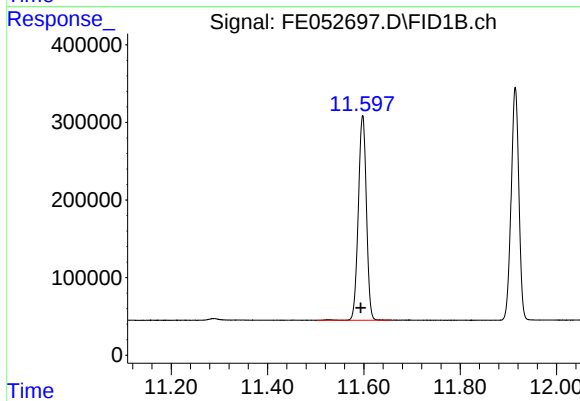
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 3077081
Conc: 20.34 ug/ml



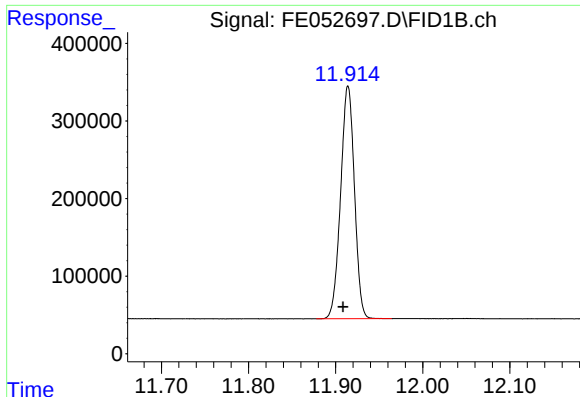
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.003 min
Response: 3107765
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

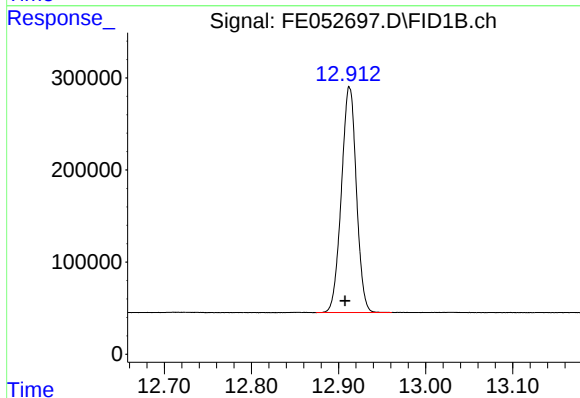
R.T.: 11.598 min
Delta R.T.: 0.004 min
Response: 3085592
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

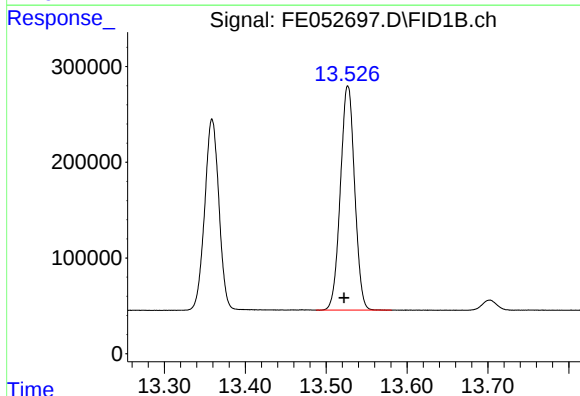
R.T.: 11.914 min
Delta R.T.: 0.006 min
Response: 3308445
Conc: 19.62 ug/ml

Instrument :
FID_E
ClientSampleId :



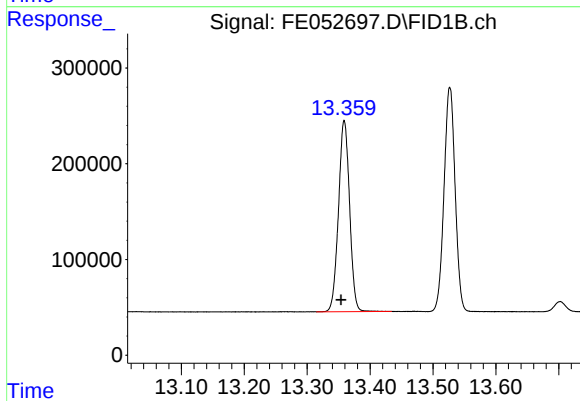
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2933211
Conc: 20.20 ug/ml



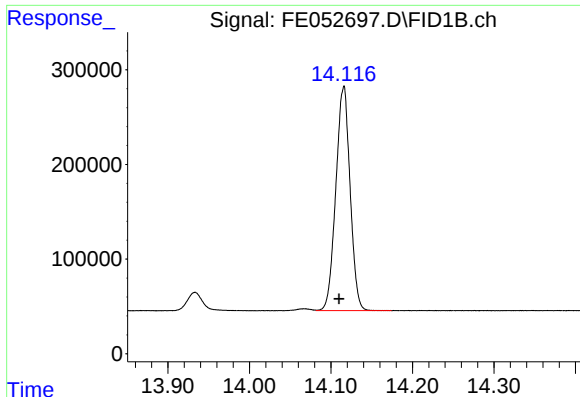
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.005 min
Response: 2871349
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

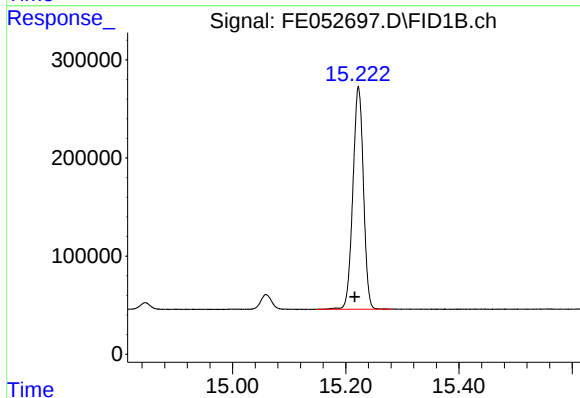
R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 2445235
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

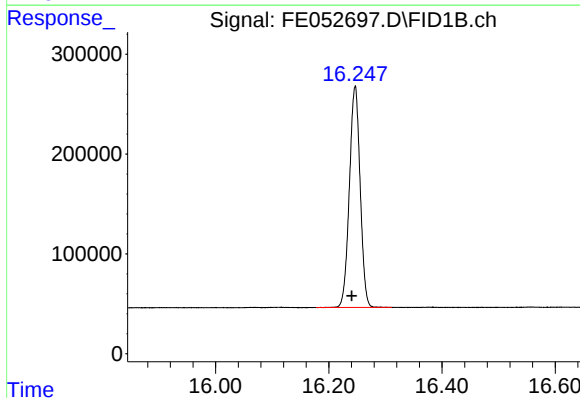
R.T.: 14.115 min
Delta R.T.: 0.005 min
Response: 2883660
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :



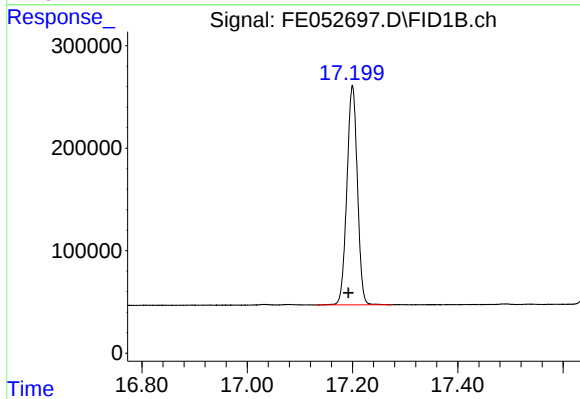
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.006 min
Response: 2935942
Conc: 20.52 ug/ml



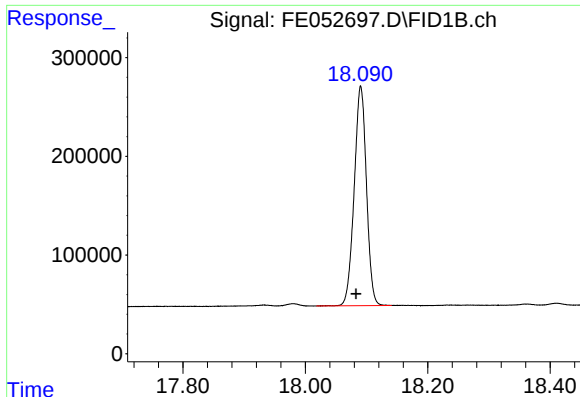
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.006 min
Response: 2926555
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

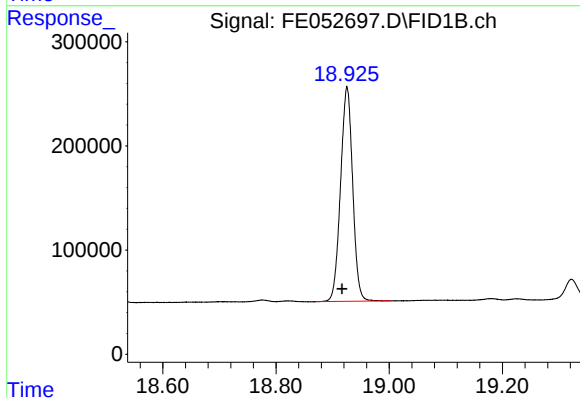
R.T.: 17.200 min
Delta R.T.: 0.008 min
Response: 2959285
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

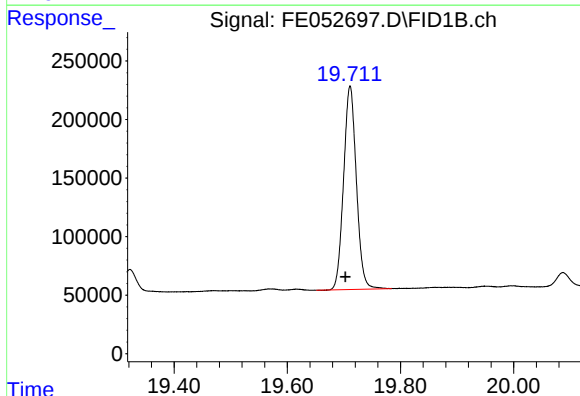
R.T.: 18.091 min
Delta R.T.: 0.008 min
Response: 3086250
Conc: 20.90 ug/ml

Instrument :
FID_E
ClientSampleId :



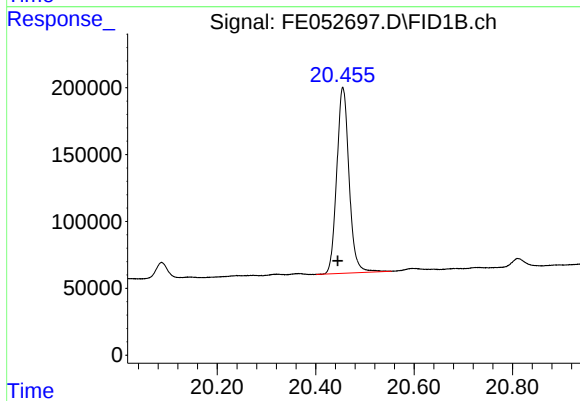
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: 0.009 min
Response: 3061964
Conc: 21.09 ug/ml



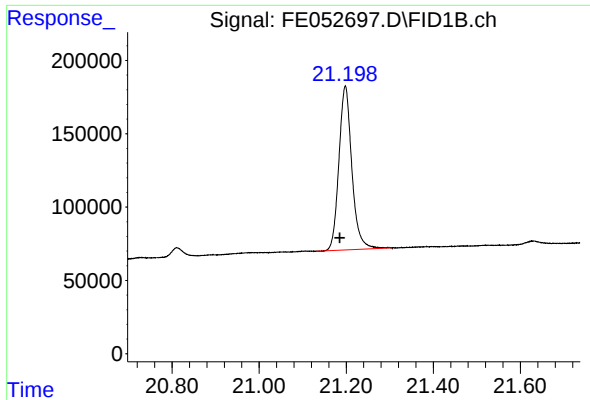
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.008 min
Response: 2720697
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

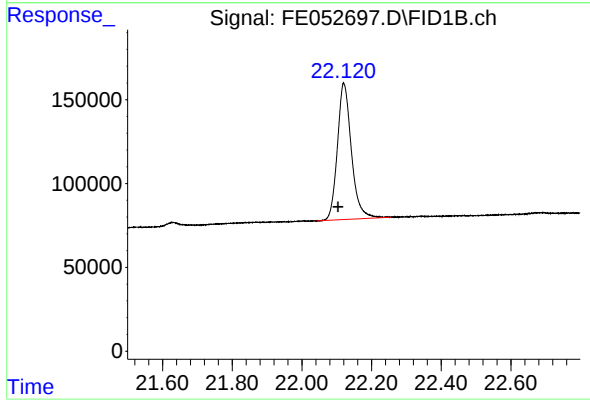
R.T.: 20.455 min
Delta R.T.: 0.011 min
Response: 2414567
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.013 min
Response: 2300535
Conc: 20.74 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: 0.016 min
Response: 2271788
Conc: 21.01 ug/ml