

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042740.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2023 09:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 14:15:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 2023
 Response via : Initial Calibration
 Integrator: ChemStation

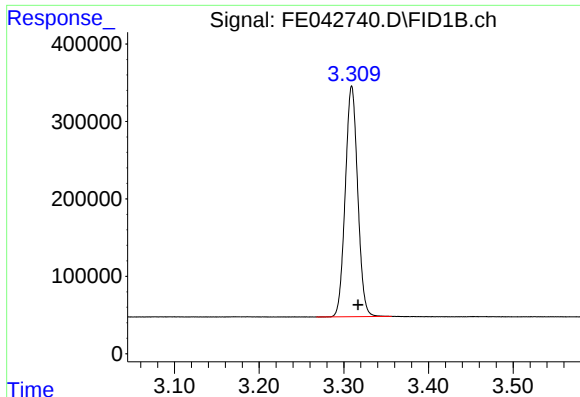
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.933	3572058	18.446 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.369	2645363	18.346 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T n-Nonane (C9)	3.309	3035955	19.428 ug/ml
2) T n-Decane (C10)	4.562	3111075	19.500 ug/ml
3) T A~Naphthalene (C11.7)	6.272	3367056	19.589 ug/ml
4) T n-Dodecane (C12)	6.731	3156052	19.501 ug/ml
5) T A~2-methylnaphthalene...	7.370	3236147	19.548 ug/ml
6) T n-Tetradecane (C14)	8.561	3130108	19.419 ug/ml
7) T n-Hexadecane (C16)	10.169	3219511	19.135 ug/ml
8) T n-Octadecane (C18)	11.613	3235688	18.858 ug/ml
10) T n-Eicosane (C20)	12.923	3080499	18.561 ug/ml
11) T n-Heneicosane (C21)	13.536	3001724	18.426 ug/ml
13) T n-Docosane (C22)	14.122	2951752	18.302 ug/ml
14) T n-Tetracosane (C24)	15.225	2868863	18.161 ug/ml
15) T n-Hexacosane (C26)	16.247	2754112	18.226 ug/ml
16) T n-Octacosane (C28)	17.197	2664287	18.611 ug/ml
17) T n-Tricontane (C30)	18.085	2713998	19.249 ug/ml
18) T n-Dotriacontane (C32)	18.917	2728809	20.049 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2689933	20.345 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2615008	20.333 ug/ml
21) T n-Octatriacontane (C38)	21.187	2545484	19.658 ug/ml
22) T n-Tetracontane (C40)	22.112	3300620	25.320 ug/ml

(f)=RT Delta > 1/2 Window

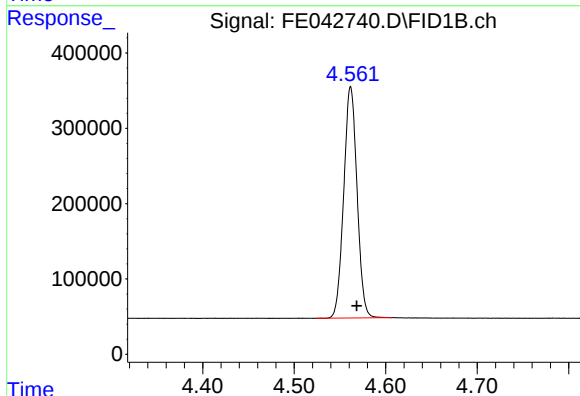
(m)=manual int.



#1 n-Nonane (C9)

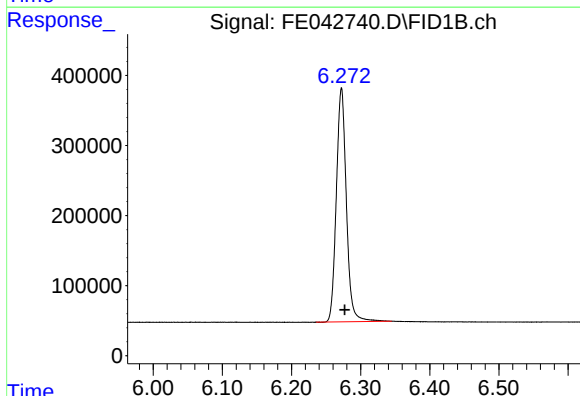
R.T.: 3.309 min
Delta R.T.: -0.008 min
Response: 3035955
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :



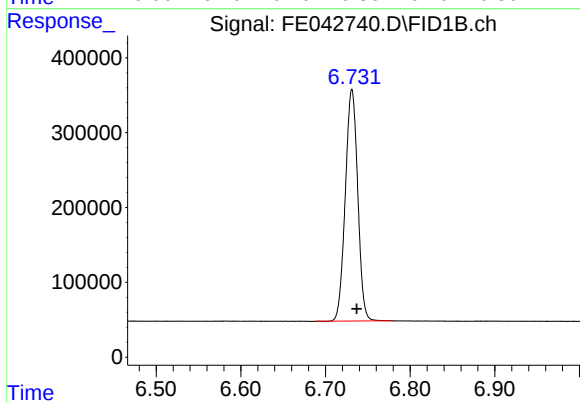
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.007 min
Response: 3111075
Conc: 19.50 ug/ml



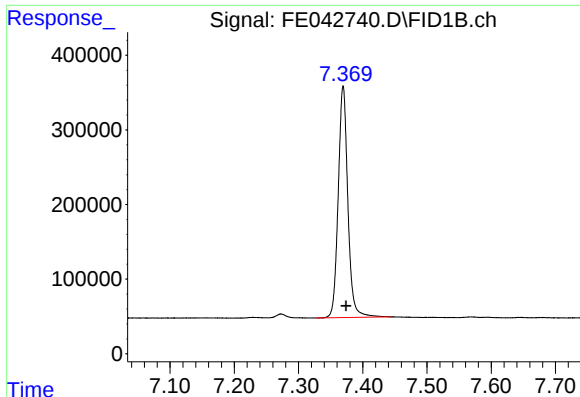
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.005 min
Response: 3367056
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

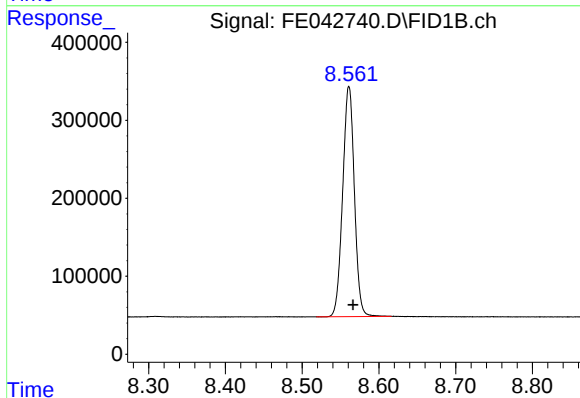
R.T.: 6.731 min
Delta R.T.: -0.006 min
Response: 3156052
Conc: 19.50 ug/ml



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

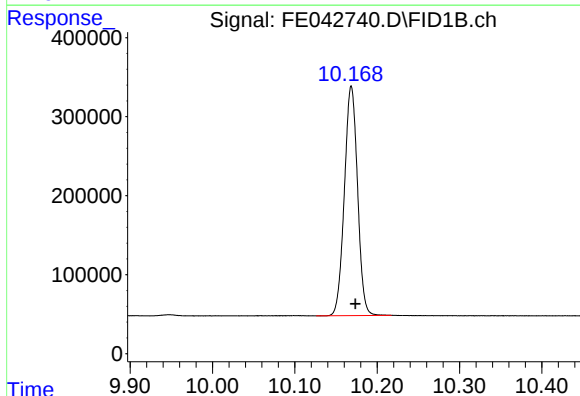
R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 3236147
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :



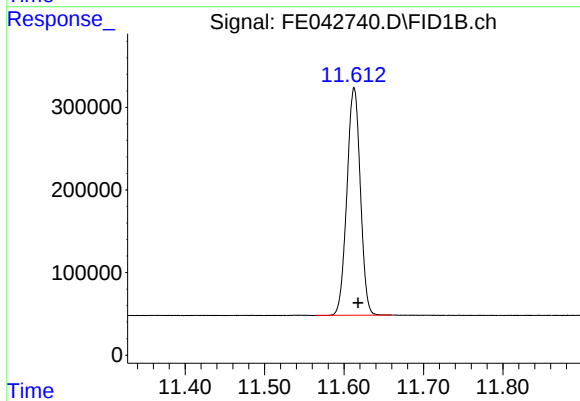
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 3130108
Conc: 19.42 ug/ml



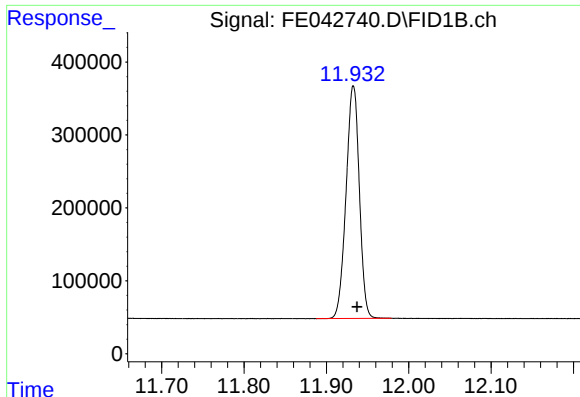
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: -0.005 min
Response: 3219511
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

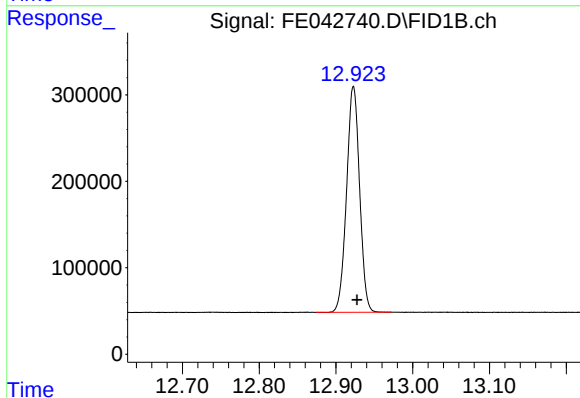
R.T.: 11.613 min
Delta R.T.: -0.005 min
Response: 3235688
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

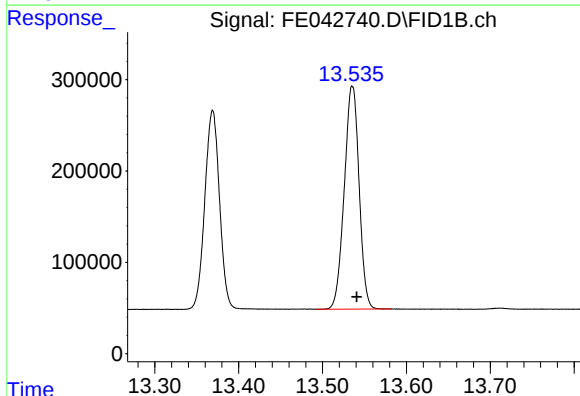
R.T.: 11.933 min
Delta R.T.: -0.005 min
Response: 3572058
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :



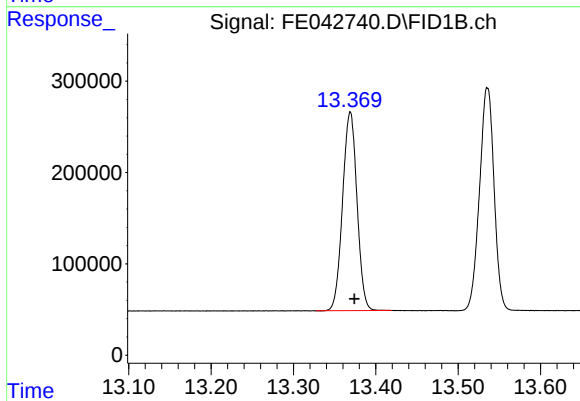
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.005 min
Response: 3080499
Conc: 18.56 ug/ml



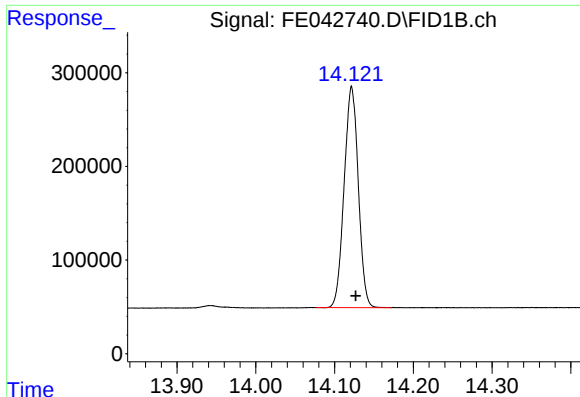
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.005 min
Response: 3001724
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

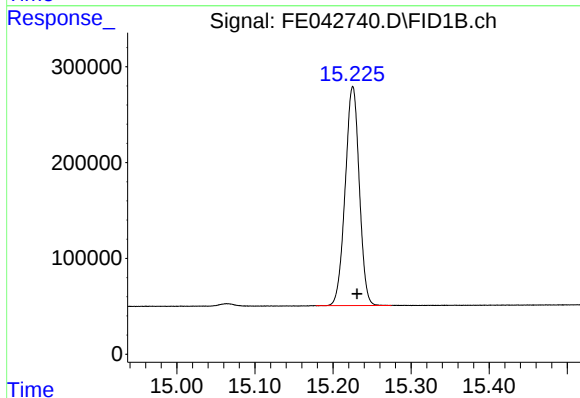
R.T.: 13.369 min
Delta R.T.: -0.005 min
Response: 2645363
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

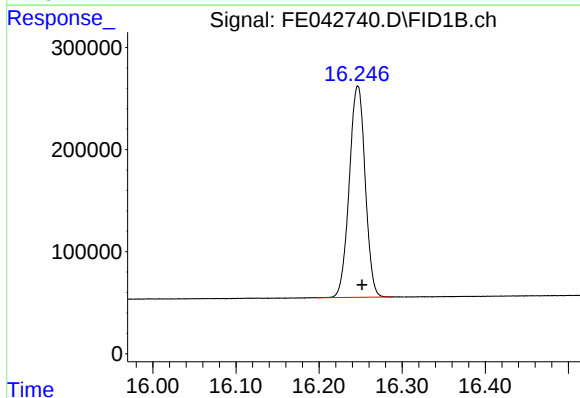
R.T.: 14.122 min
Delta R.T.: -0.005 min
Response: 2951752
Conc: 18.30 ug/ml

Instrument :
FID_E
ClientSampleId :



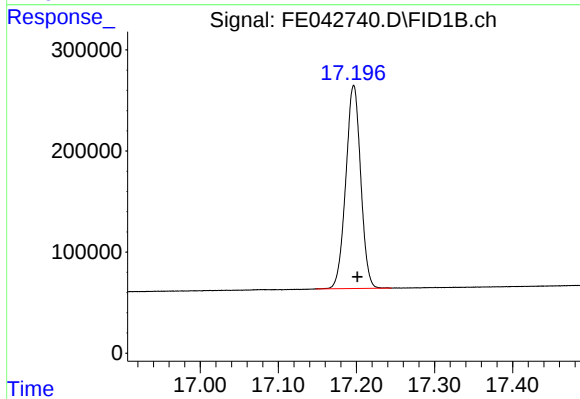
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.005 min
Response: 2868863
Conc: 18.16 ug/ml



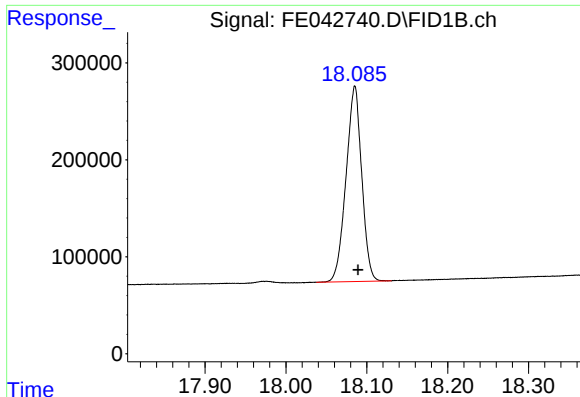
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.005 min
Response: 2754112
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

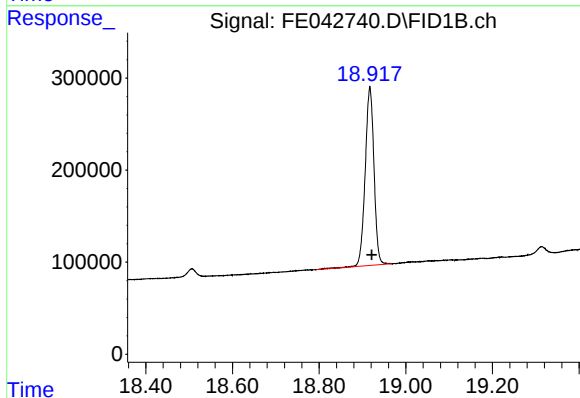
R.T.: 17.197 min
Delta R.T.: -0.005 min
Response: 2664287
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

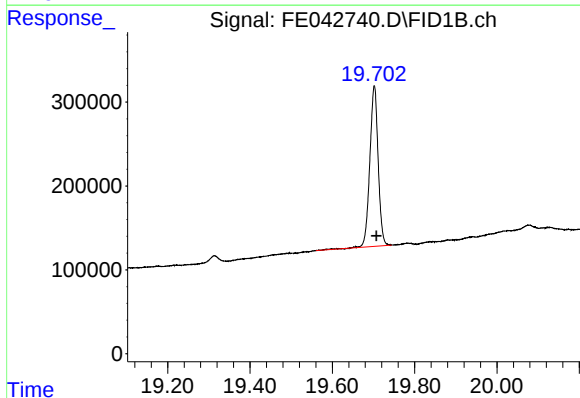
R.T.: 18.085 min
Delta R.T.: -0.004 min
Response: 2713998
Conc: 19.25 ug/ml

Instrument :
FID_E
ClientSampleId :



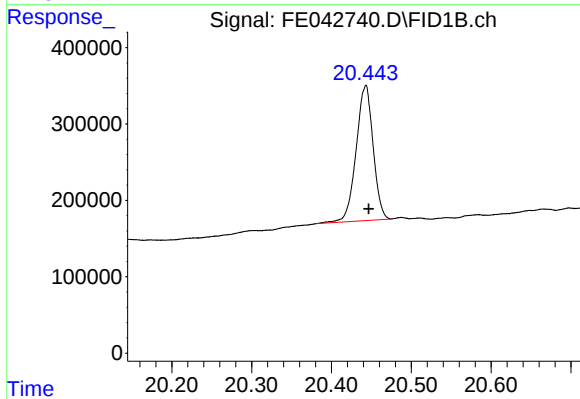
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.005 min
Response: 2728809
Conc: 20.05 ug/ml



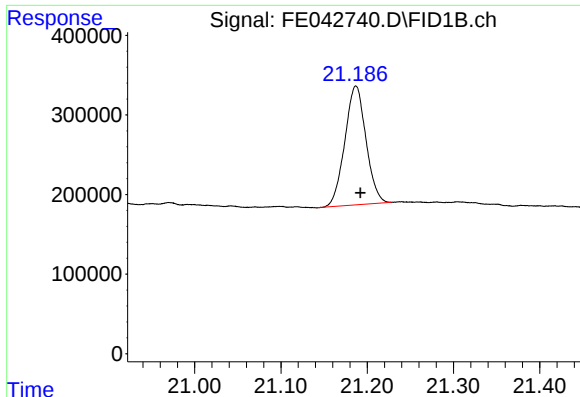
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.005 min
Response: 2689933
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

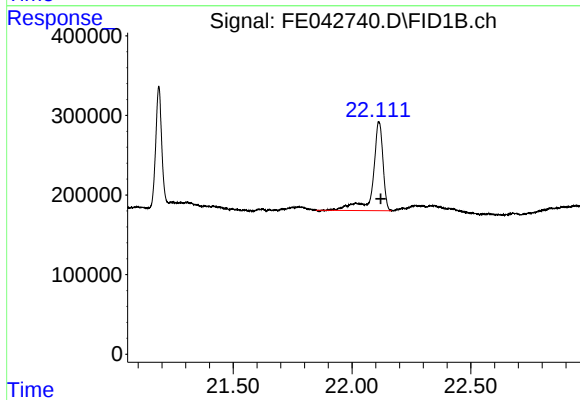
R.T.: 20.443 min
Delta R.T.: -0.004 min
Response: 2615008
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.005 min
Response: 2545484
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.009 min
Response: 3300620
Conc: 25.32 ug/ml