

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048878.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 12:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 26 01:28:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

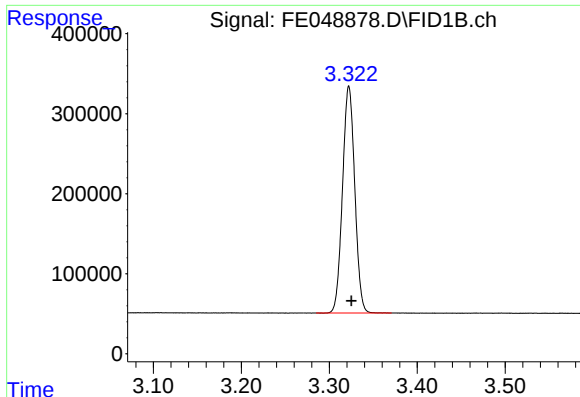
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.932	3050725	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	13.366	2349288	18.270 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T n-Nonane (C9)	3.322	2746464	18.268 ug/ml
2) T n-Decane (C10)	4.570	2906047	18.884 ug/ml
3) T A~Naphthalene (C11.7)	6.275	2983224	18.792 ug/ml
4) T n-Dodecane (C12)	6.734	2907262	18.833 ug/ml
5) T A~2-methylnaphthalene...	7.370	2857344	18.868 ug/ml
6) T n-Tetradecane (C14)	8.562	2865890	18.699 ug/ml
7) T n-Hexadecane (C16)	10.169	2951174	18.875 ug/ml
8) T n-Octadecane (C18)	11.612	2977262	18.668 ug/ml
10) T n-Eicosane (C20)	12.922	2856223	18.423 ug/ml
11) T n-Heneicosane (C21)	13.533	2792799	18.342 ug/ml
13) T n-Docosane (C22)	14.118	2776615	18.360 ug/ml
14) T n-Tetracosane (C24)	15.220	2748853	18.292 ug/ml
15) T n-Hexacosane (C26)	16.241	2709095	18.350 ug/ml
16) T n-Octacosane (C28)	17.190	2749487	19.065 ug/ml
17) T n-Tricontane (C30)	18.077	2993689	20.463 ug/ml
18) T n-Dotriacontane (C32)	18.908	3043142	21.284 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2876986	20.792 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2652162	20.406 ug/ml
21) T n-Octatriacontane (C38)	21.168	2519466	19.653 ug/ml
22) T n-Tetracontane (C40)	22.077	2444176	19.959 ug/ml

(f)=RT Delta > 1/2 Window

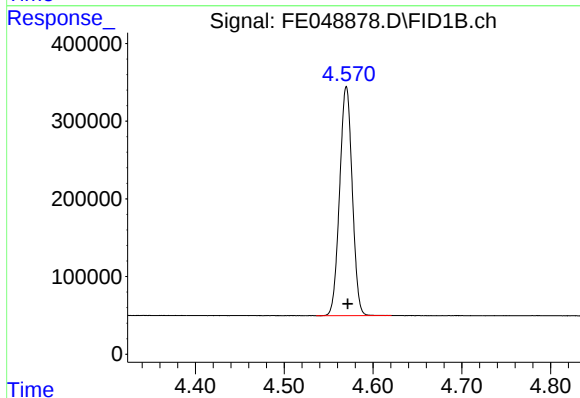
(m)=manual int.



#1 n-Nonane (C9)

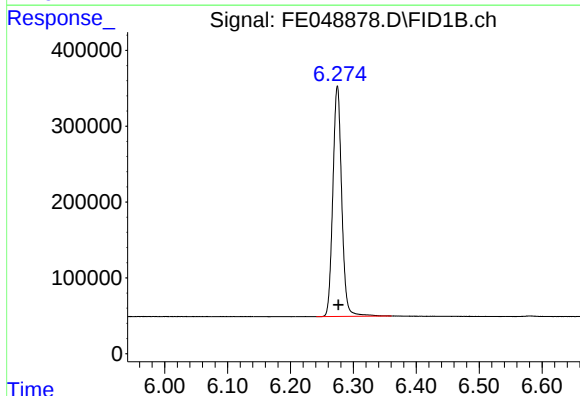
R.T.: 3.322 min
Delta R.T.: -0.003 min
Response: 2746464
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :



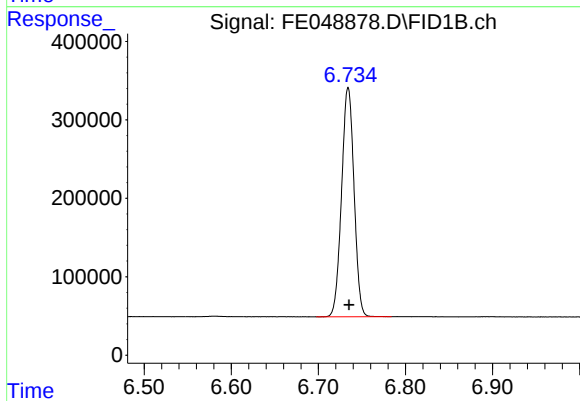
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 2906047
Conc: 18.88 ug/ml



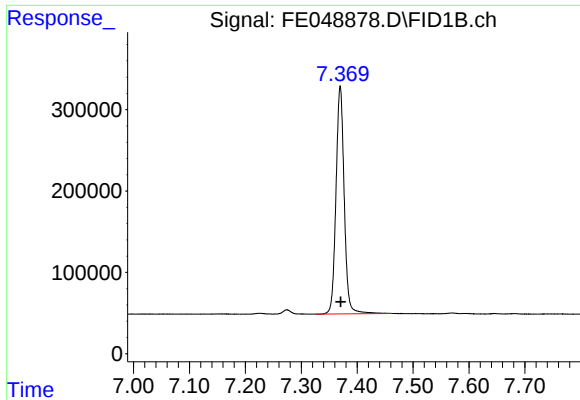
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 2983224
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

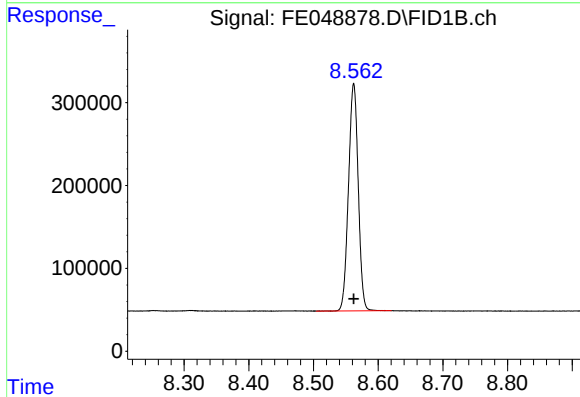
R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 2907262
Conc: 18.83 ug/ml



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

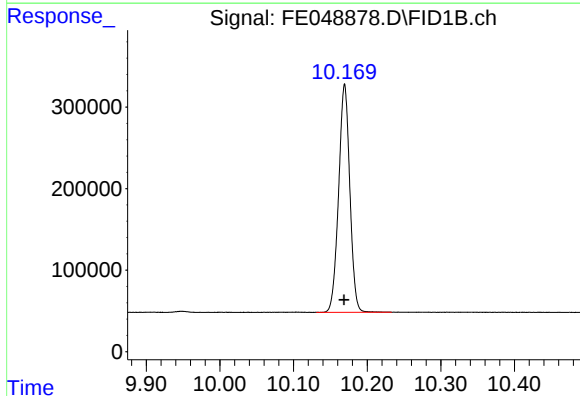
R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2857344
Conc: 18.87 ug/ml

Instrument :
FID_E
ClientSampleId :



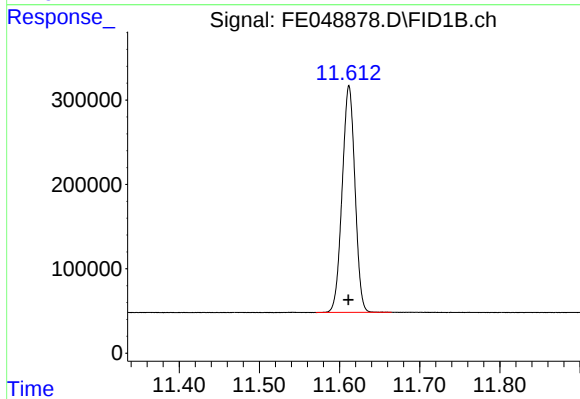
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 2865890
Conc: 18.70 ug/ml



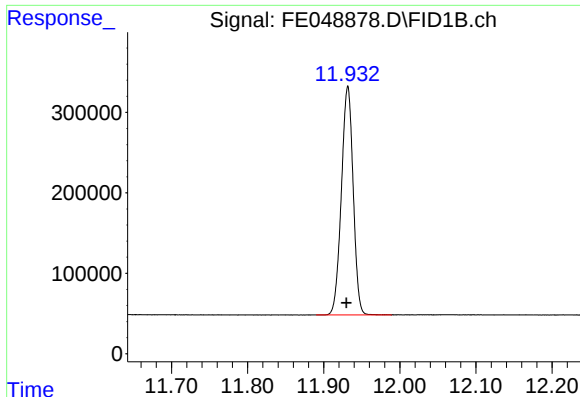
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2951174
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

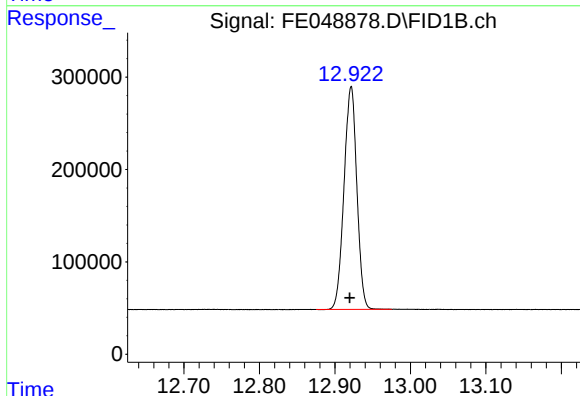
R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 2977262
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

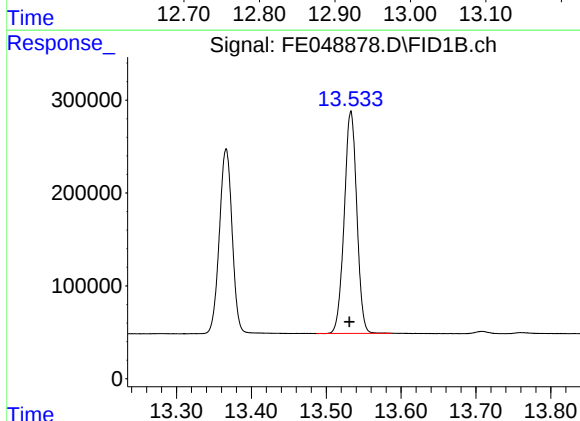
R.T.: 11.932 min
Delta R.T.: 0.002 min
Response: 3050725
Conc: 18.24 ug/ml

Instrument :
FID_E
ClientSampleId :



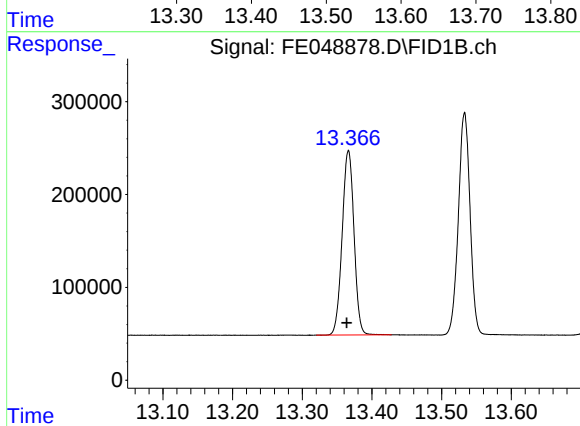
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.002 min
Response: 2856223
Conc: 18.42 ug/ml



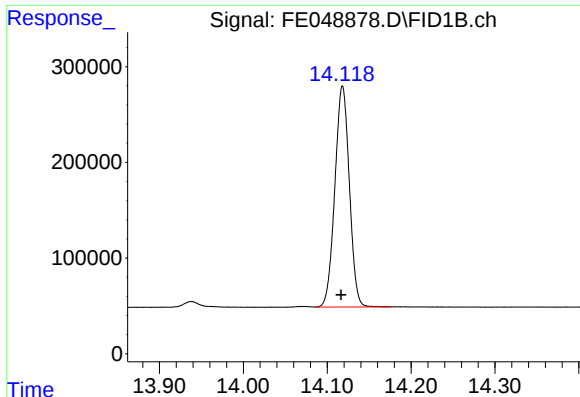
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.002 min
Response: 2792799
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

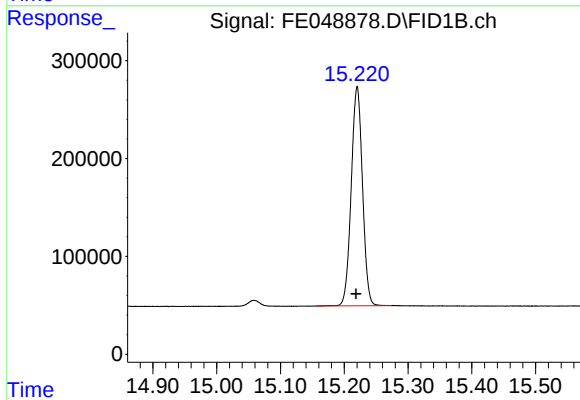
R.T.: 13.366 min
Delta R.T.: 0.003 min
Response: 2349288
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

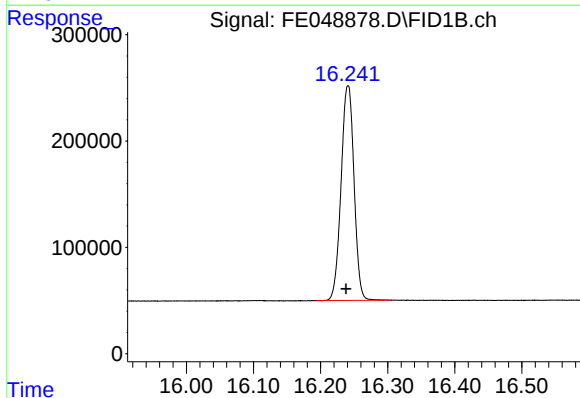
R.T.: 14.118 min
Delta R.T.: 0.002 min
Response: 2776615
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :



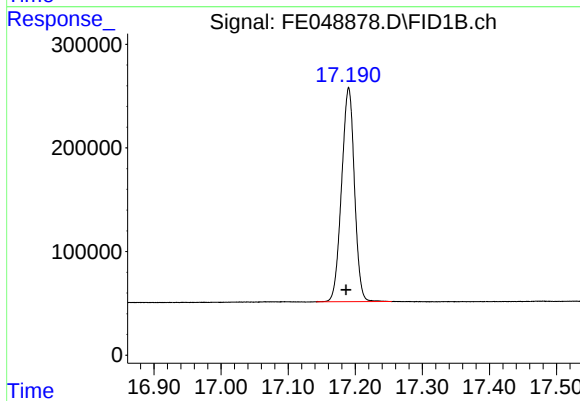
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.002 min
Response: 2748853
Conc: 18.29 ug/ml



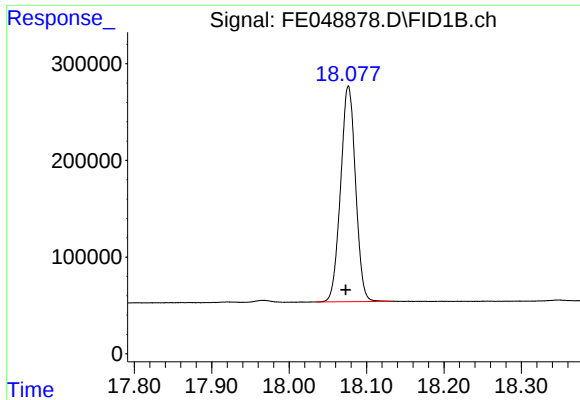
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.003 min
Response: 2709095
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

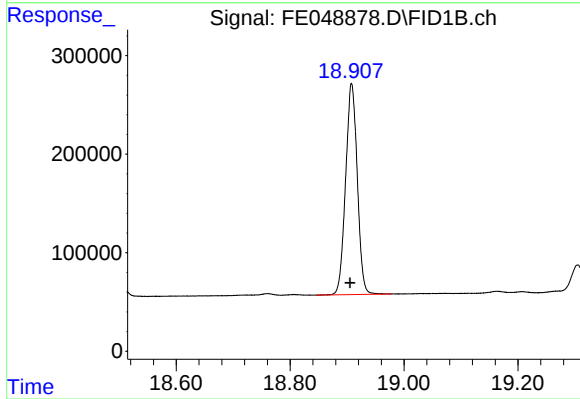
R.T.: 17.190 min
Delta R.T.: 0.004 min
Response: 2749487
Conc: 19.07 ug/ml



#17 n-Tricontane (C30)

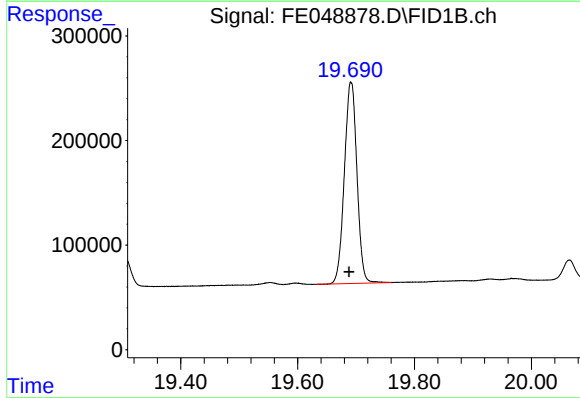
R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 2993689
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :



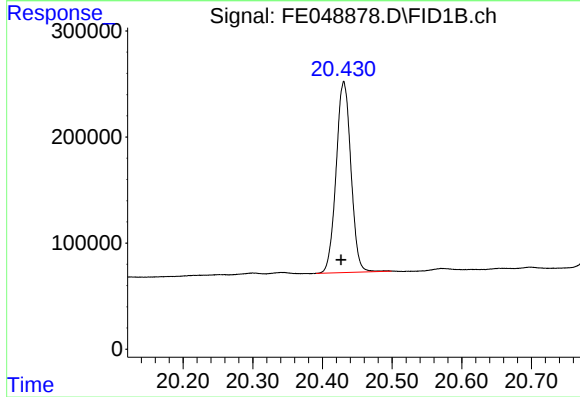
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.002 min
Response: 3043142
Conc: 21.28 ug/ml



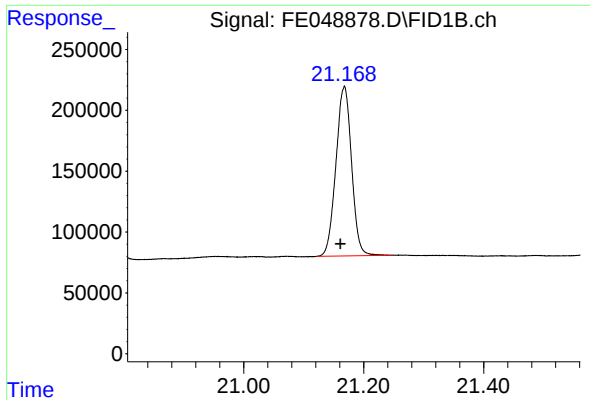
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.003 min
Response: 2876986
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

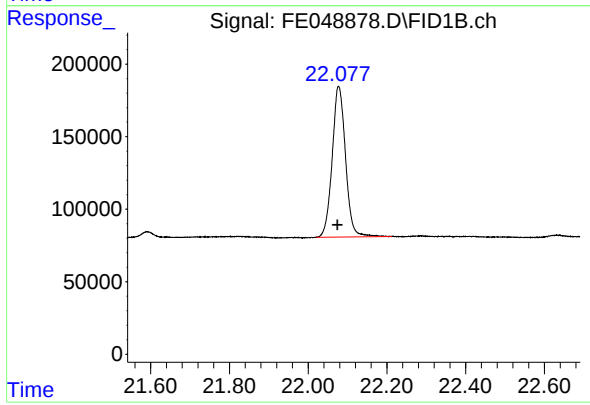
R.T.: 20.431 min
Delta R.T.: 0.004 min
Response: 2652162
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.007 min
Response: 2519466
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: 0.003 min
Response: 2444176
Conc: 19.96 ug/ml