

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE044000.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 21:25
 Operator : YP\AJ
 Sample : 04022-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-15MSD

Integration File: autoint1.e
 Quant Time: Aug 16 23:39:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.949	5099690	24.747 ug/ml
Spiked Amount 50.000		Recovery =	49.49%
12) S 1-chlorooctadecane (S...	13.387	4030060	25.826 ug/ml
Spiked Amount 50.000		Recovery =	51.65%
Target Compounds			
1) T n-Nonane (C9)	3.344	4836403	29.949 ug/ml
2) T n-Decane (C10)	4.594	5527451	33.537 ug/ml
3) T A~Naphthalene (C11.7)	6.292	6329592	34.764 ug/ml
4) T n-Dodecane (C12)	6.754	5966132	35.648 ug/ml
5) T A~2-methylnaphthalene...	7.387	6354430	35.693 ug/ml
6) T n-Tetradecane (C14)	8.581	6120776	36.329 ug/ml
7) T n-Hexadecane (C16)	10.188	6560384	37.190 ug/ml
8) T n-Octadecane (C18)	11.633	6907112	38.130 ug/ml
10) T n-Eicosane (C20)	12.943	7044520	39.807 ug/ml
11) T n-Heneicosane (C21)	13.556	6770570	38.238 ug/ml
13) T n-Docosane (C22)	14.142	6675662	38.059 ug/ml
14) T n-Tetracosane (C24)	15.230	12528696	71.307 ug/ml
15) T n-Hexacosane (C26)	16.269	6212004	35.942 ug/ml
16) T n-Octacosane (C28)	17.217	6071140	36.285 ug/ml
17) T n-Tricontane (C30)	18.108	5944819	35.893 ug/ml
18) T n-Dotriacontane (C32)	18.940	5708774	36.156 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5301242	35.675 ug/ml
20) T n-Hexatriacontane (C36)	20.464	4904936	35.091 ug/ml
21) T n-Octatriacontane (C38)	21.209	4938351	37.018 ug/ml
22) T n-Tetracontane (C40)	22.141	5122672	39.702 ug/ml

(f)=RT Delta > 1/2 Window

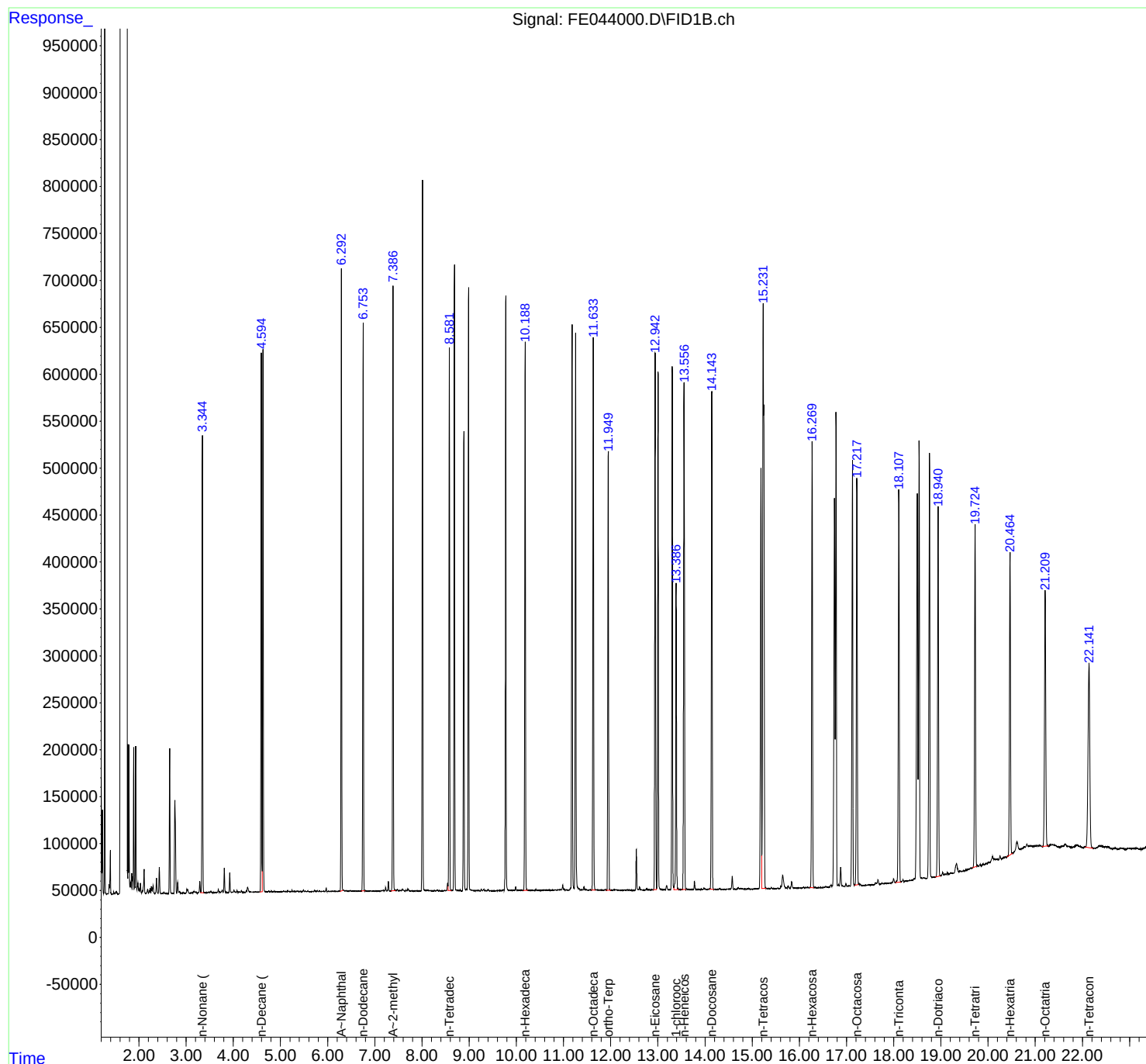
(m)=manual int.

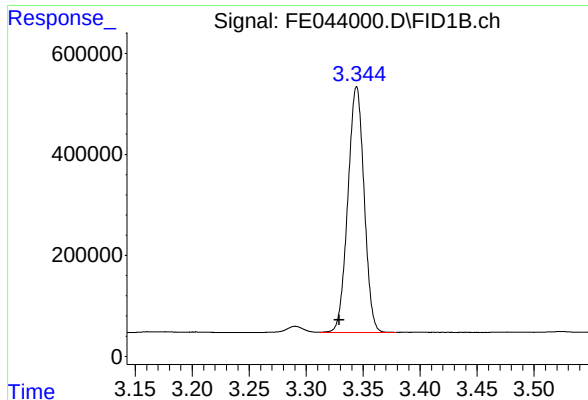
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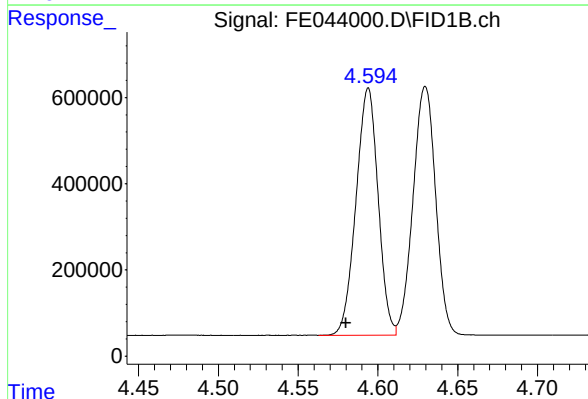




#1 n-Nonane (C9)

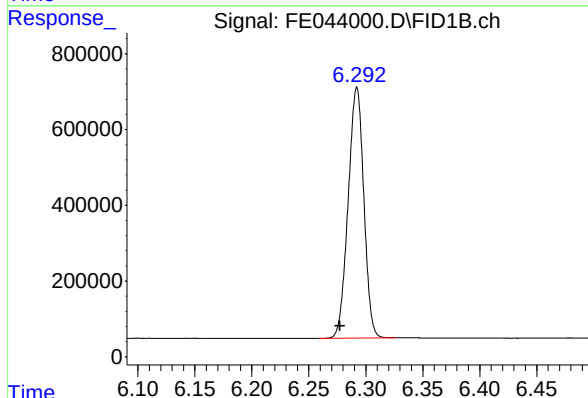
R.T.: 3.344 min
Delta R.T.: 0.015 min
Response: 4836403
Conc: 29.95 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-15MSD



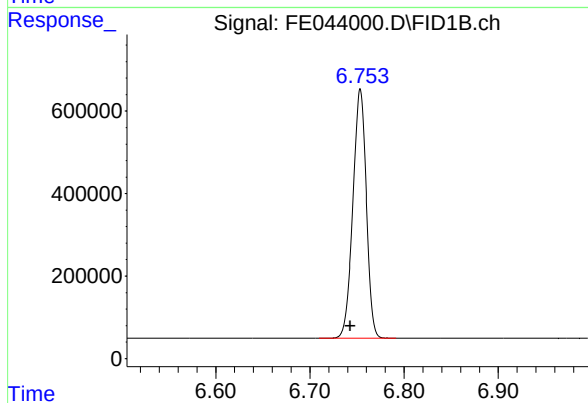
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.014 min
Response: 5527451
Conc: 33.54 ug/ml



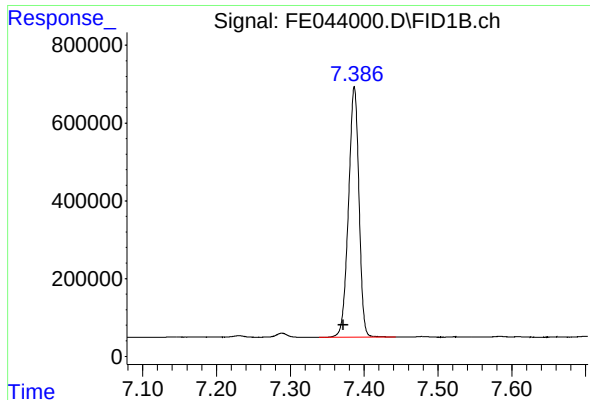
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: 0.015 min
Response: 6329592
Conc: 34.76 ug/ml



#4 n-Dodecane (C12)

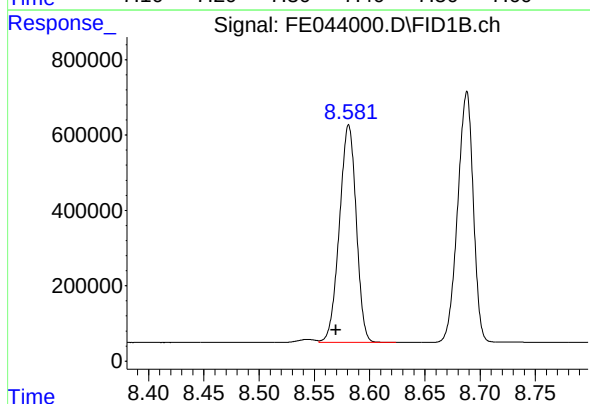
R.T.: 6.754 min
Delta R.T.: 0.010 min
Response: 5966132
Conc: 35.65 ug/ml



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

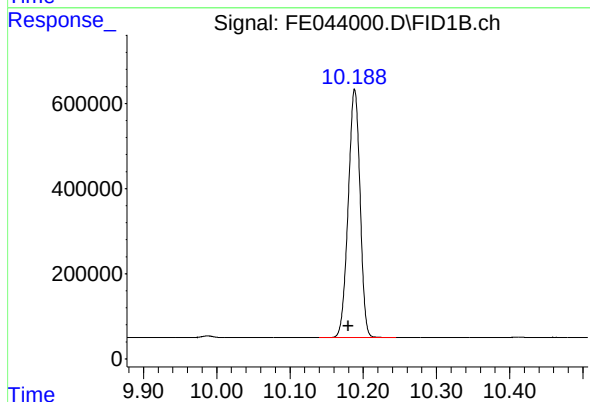
R.T.: 7.387 min
Delta R.T.: 0.015 min
Response: 6354430
Conc: 35.69 ug/ml

Instrument :
FID_E
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TP-15MSD



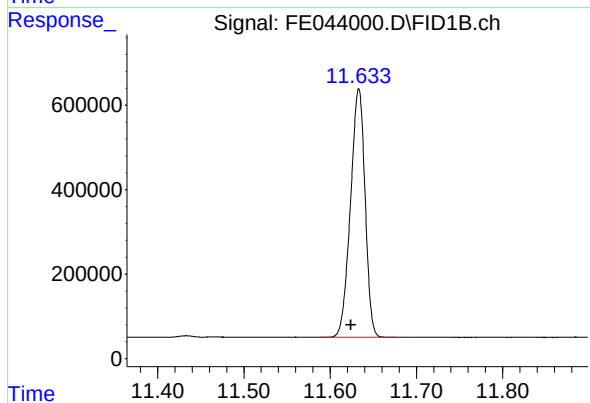
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: 0.012 min
Response: 6120776
Conc: 36.33 ug/ml



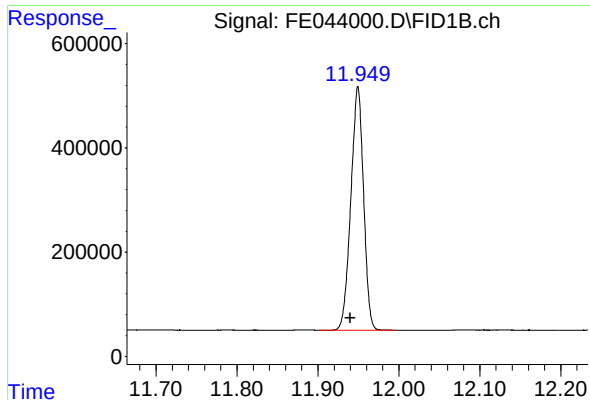
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: 0.009 min
Response: 6560384
Conc: 37.19 ug/ml



#8 n-Octadecane (C18)

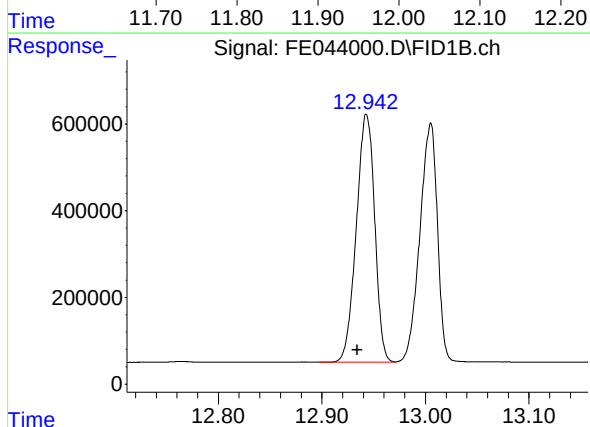
R.T.: 11.633 min
Delta R.T.: 0.009 min
Response: 6907112
Conc: 38.13 ug/ml



#9 ortho-Terphenyl (SURR)

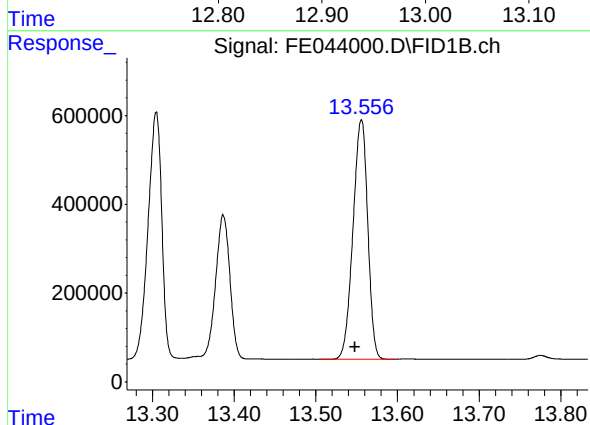
R.T.: 11.949 min
Delta R.T.: 0.009 min
Response: 5099690
Conc: 24.75 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-15MSD



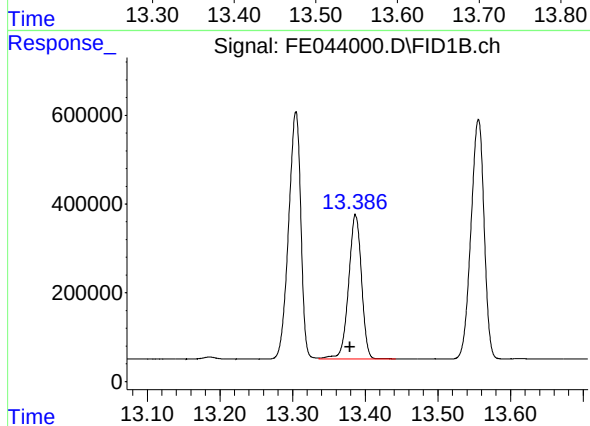
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.009 min
Response: 7044520
Conc: 39.81 ug/ml



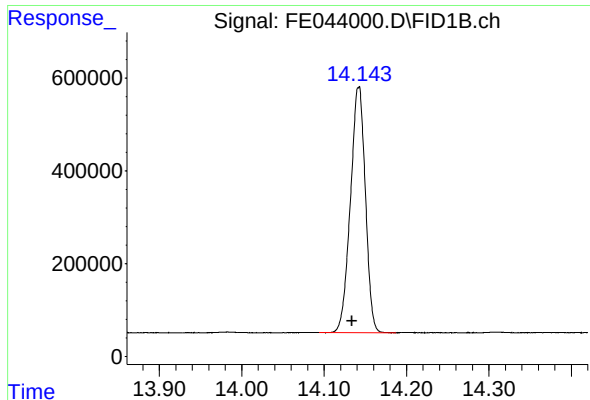
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.008 min
Response: 6770570
Conc: 38.24 ug/ml



#12 1-chlorooctadecane (SURR)

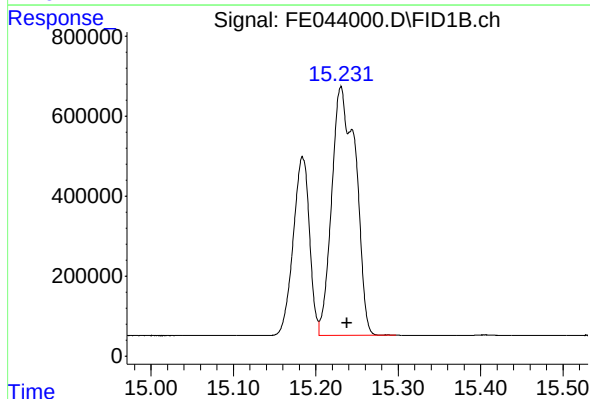
R.T.: 13.387 min
Delta R.T.: 0.008 min
Response: 4030060
Conc: 25.83 ug/ml



#13 n-Docosane (C22)

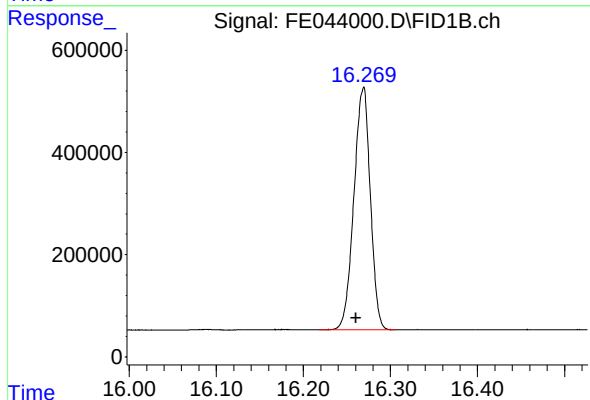
R.T.: 14.142 min
Delta R.T.: 0.008 min
Response: 6675662
Conc: 38.06 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-15MSD



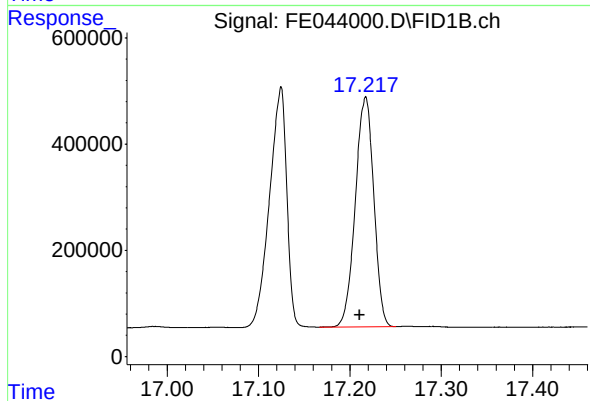
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.007 min
Response: 12528696
Conc: 71.31 ug/ml



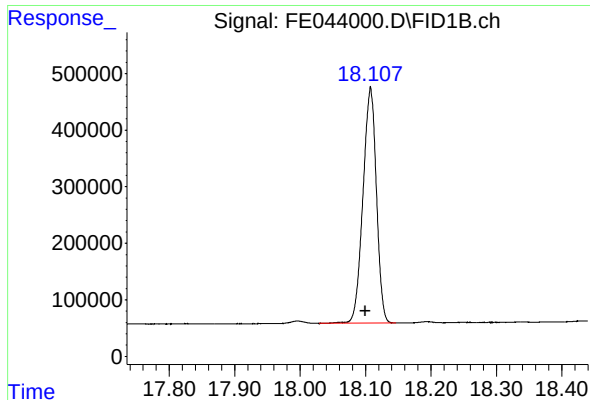
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.009 min
Response: 6212004
Conc: 35.94 ug/ml



#16 n-Octacosane (C28)

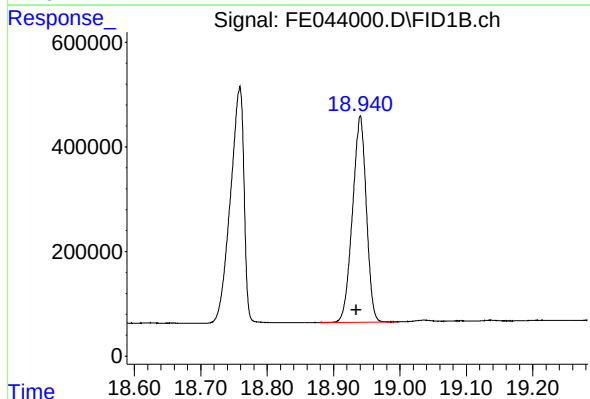
R.T.: 17.217 min
Delta R.T.: 0.007 min
Response: 6071140
Conc: 36.28 ug/ml



#17 n-Tricontane (C30)

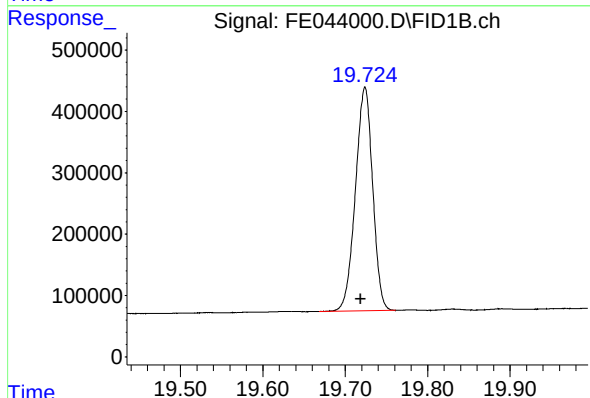
R.T.: 18.108 min
Delta R.T.: 0.008 min
Response: 5944819
Conc: 35.89 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-15MSD



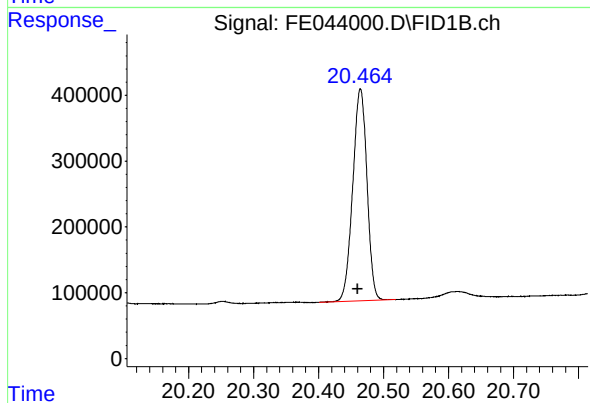
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.006 min
Response: 5708774
Conc: 36.16 ug/ml



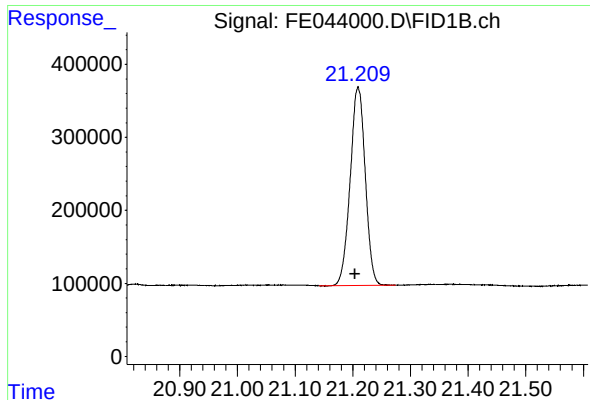
#19 n-Tetatriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 5301242
Conc: 35.67 ug/ml



#20 n-Hexatriacontane (C36)

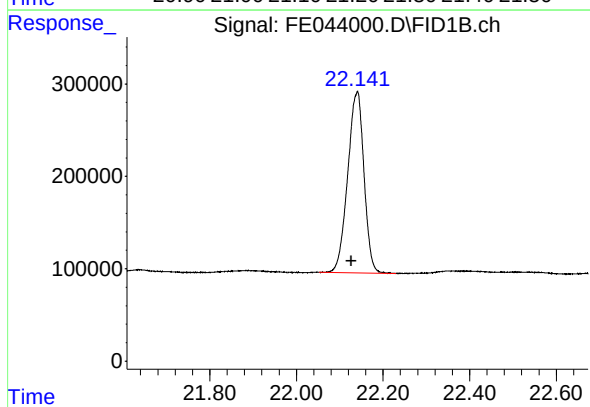
R.T.: 20.464 min
Delta R.T.: 0.005 min
Response: 4904936
Conc: 35.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.006 min
Response: 4938351
Conc: 37.02 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-15MSD



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.014 min
Response: 5122672
Conc: 39.70 ug/ml