

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044045.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 00:05
 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: Aug 31 03:34:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:34:47 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)	11.935	2012090	10.786 ug/ml
Spiked Amount 50.000		Recovery =	21.57%
12) S 1-chlorooctadecane (S...	13.373	1460414	10.688 ug/ml
Spiked Amount 50.000		Recovery =	21.38%
Target Compounds			
1) T n-Nonane (C9)	3.322	1737609	10.851 ug/ml
2) T n-Decane (C10)	4.574	1764908	10.790 ug/ml
3) T A~Naphthalene (C11.7)	6.275	1895860	10.743 ug/ml
4) T n-Dodecane (C12)	6.738	1787641	10.792 ug/ml
5) T A~2-methylnaphthalene...	7.370	1807939	10.679 ug/ml
6) T n-Tetradecane (C14)	8.565	1784081	10.809 ug/ml
7) T n-Hexadecane (C16)	10.174	1837954	10.803 ug/ml
8) T n-Octadecane (C18)	11.619	1853657	10.829 ug/ml
10) T n-Eicosane (C20)	12.930	1760509	10.815 ug/ml
11) T n-Heneicosane (C21)	13.542	1720959	10.807 ug/ml
13) T n-Docosane (C22)	14.127	1700221	10.804 ug/ml
14) T n-Tetracosane (C24)	15.232	1661826	10.786 ug/ml
15) T n-Hexacosane (C26)	16.254	1598933	10.762 ug/ml
16) T n-Octacosane (C28)	17.206	1525153	10.729 ug/ml
17) T n-Tricontane (C30)	18.095	1540765	10.837 ug/ml
18) T n-Dotriacontane (C32)	18.928	1513758	10.904 ug/ml
19) T n-Tetratriacontane (C34)	19.713	1488461	10.899 ug/ml
20) T n-Hexatriacontane (C36)	20.455	1464528	10.885 ug/ml
21) T n-Octatriacontane (C38)	21.196	1469148	10.773 ug/ml
22) T n-Tetracontane (C40)	22.121	1454619	10.710 ug/ml

(f)=RT Delta > 1/2 Window

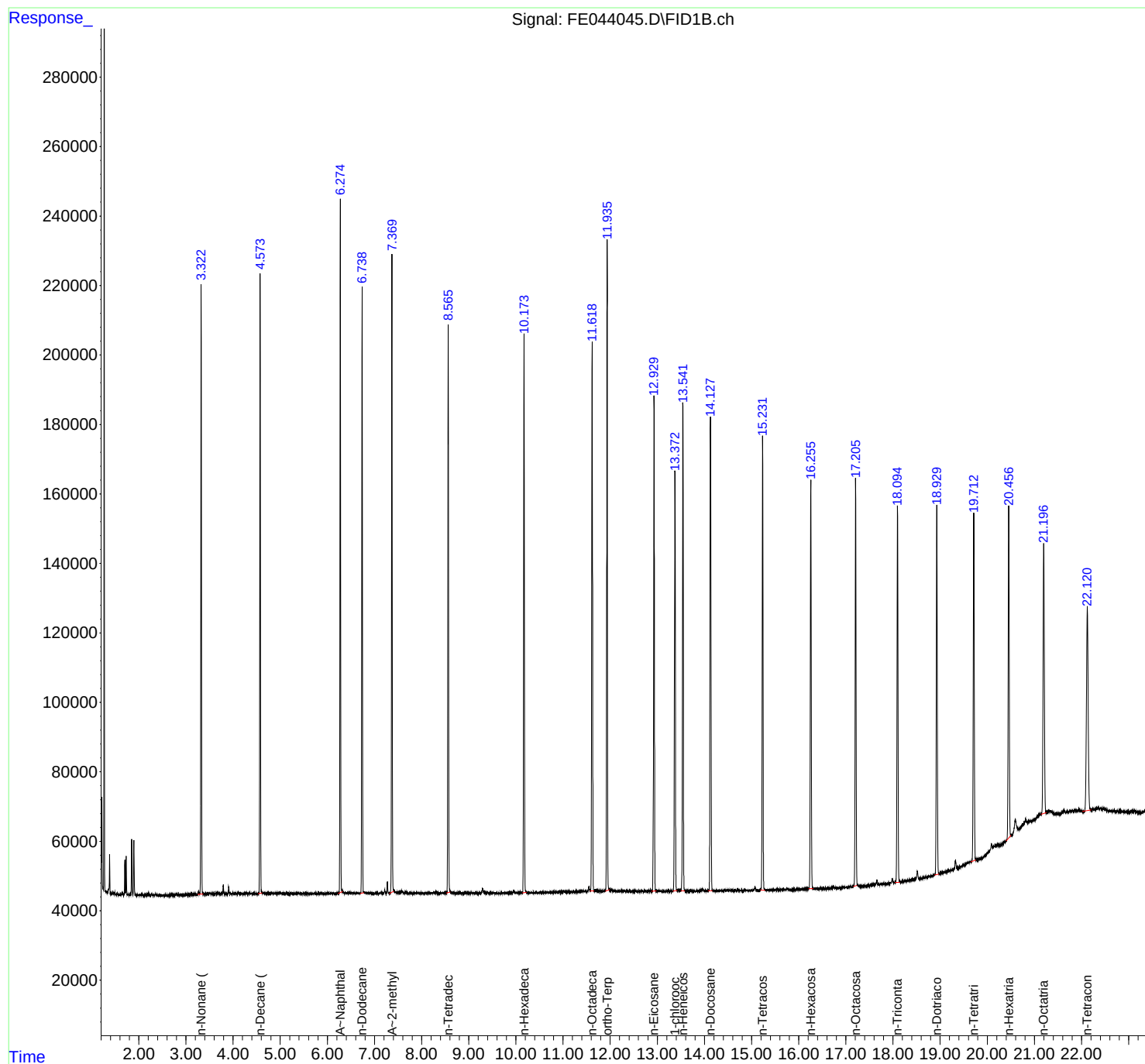
(m)=manual int.

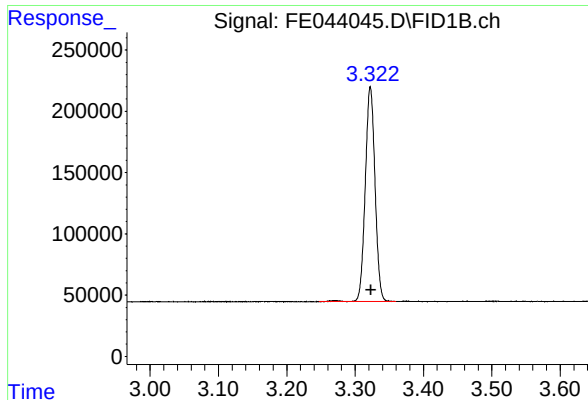
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
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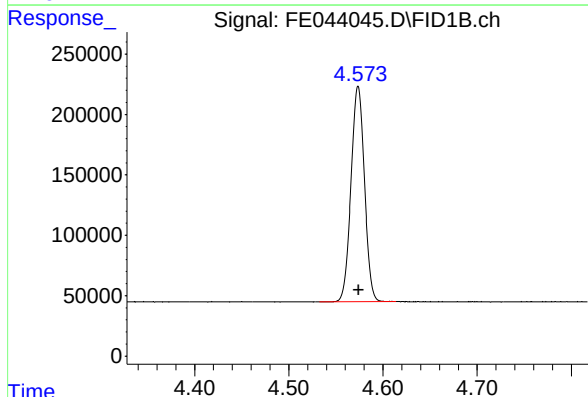




#1 n-Nonane (C9)

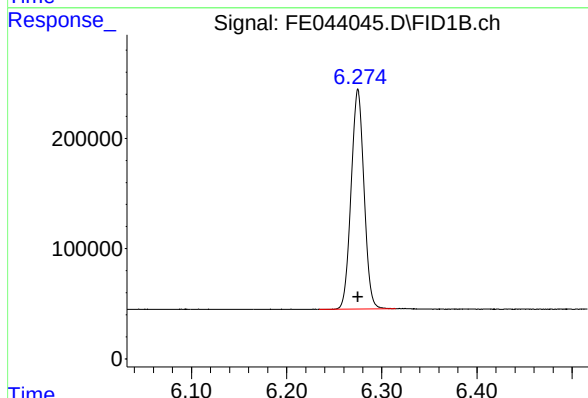
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 1737609
Conc: 10.85 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



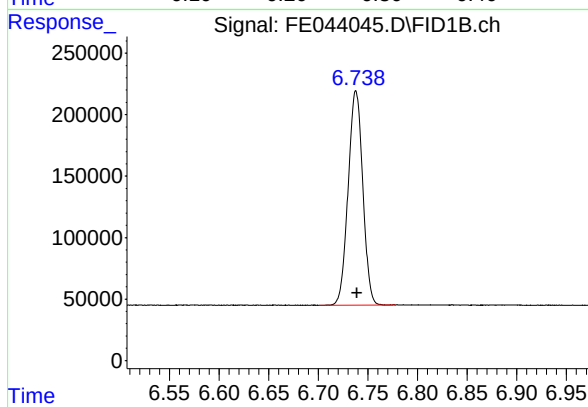
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 1764908
Conc: 10.79 ug/ml



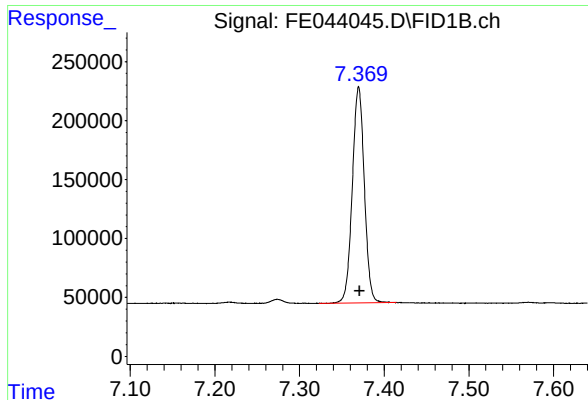
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 1895860
Conc: 10.74 ug/ml



#4 n-Dodecane (C12)

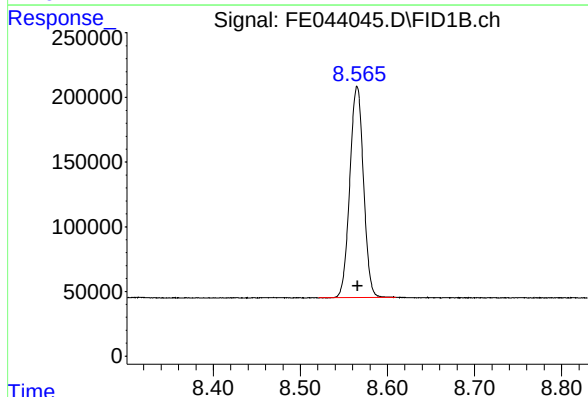
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1787641
Conc: 10.79 ug/ml



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

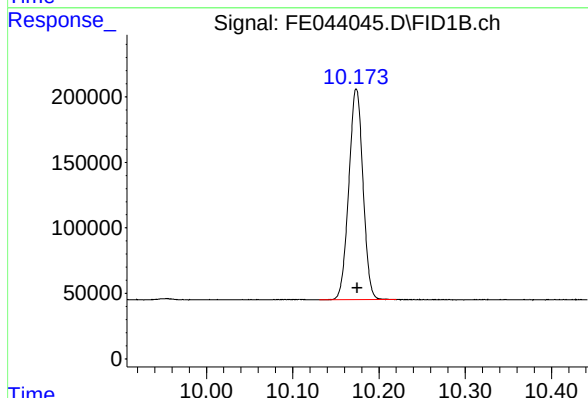
R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 1807939
Conc: 10.68 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



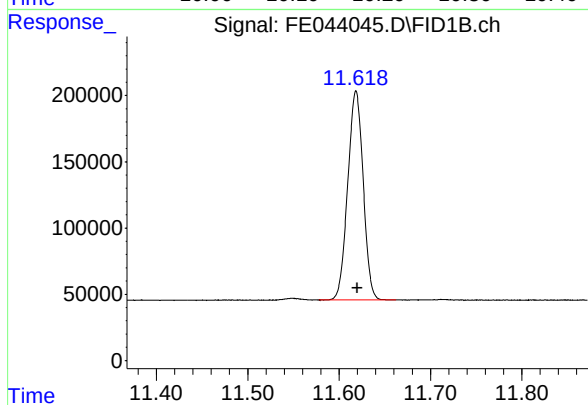
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 1784081
Conc: 10.81 ug/ml



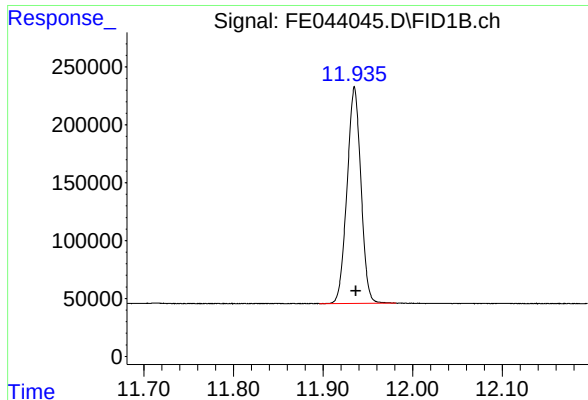
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.001 min
Response: 1837954
Conc: 10.80 ug/ml



#8 n-Octadecane (C18)

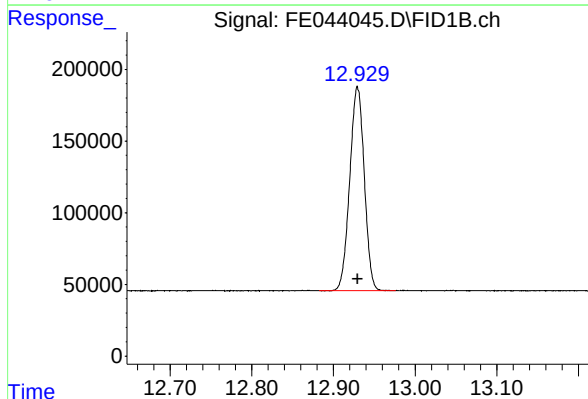
R.T.: 11.619 min
Delta R.T.: -0.001 min
Response: 1853657
Conc: 10.83 ug/ml



#9 ortho-Terphenyl (SURR)

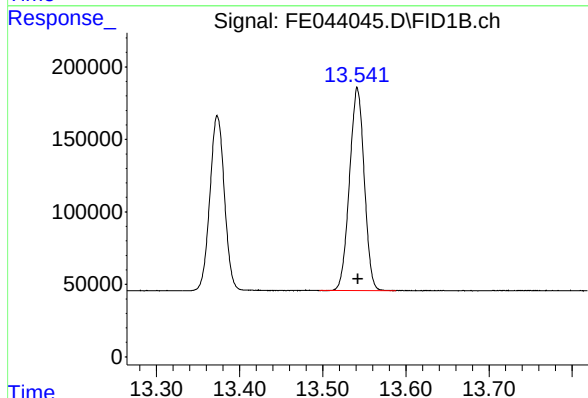
R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 2012090
Conc: 10.79 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



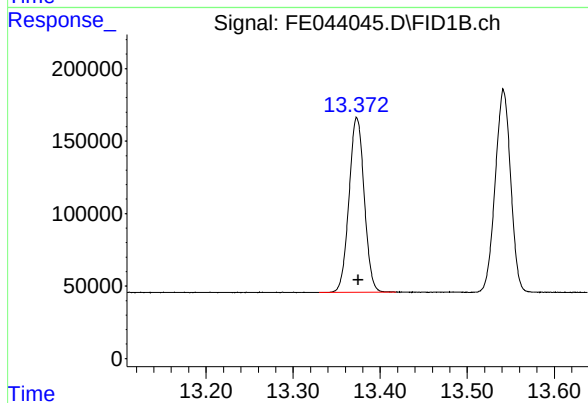
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.000 min
Response: 1760509
Conc: 10.82 ug/ml



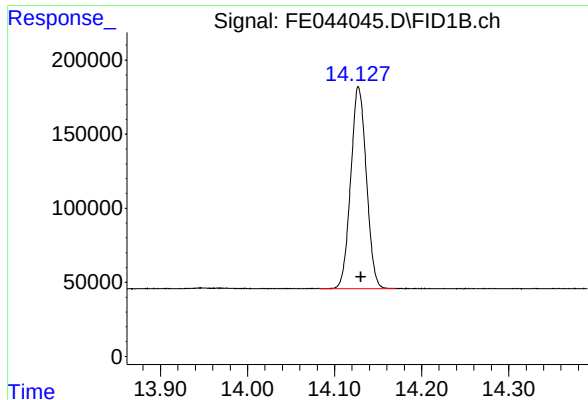
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.001 min
Response: 1720959
Conc: 10.81 ug/ml



#12 1-chlorooctadecane (SURR)

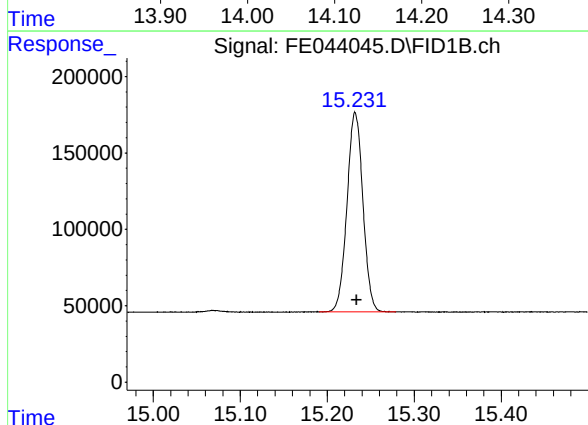
R.T.: 13.373 min
Delta R.T.: -0.002 min
Response: 1460414
Conc: 10.69 ug/ml



#13 n-Docosane (C22)

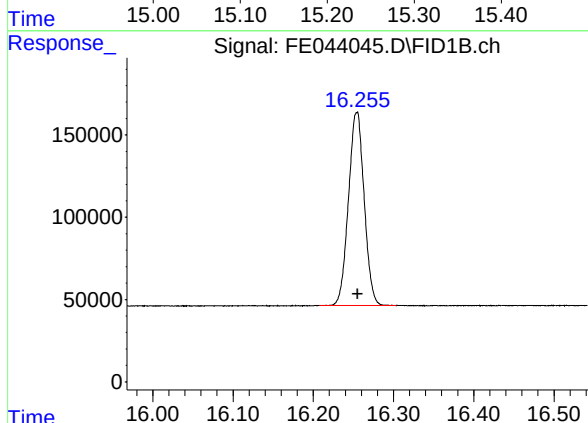
R.T.: 14.127 min
Delta R.T.: -0.003 min
Response: 1700221
Conc: 10.80 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



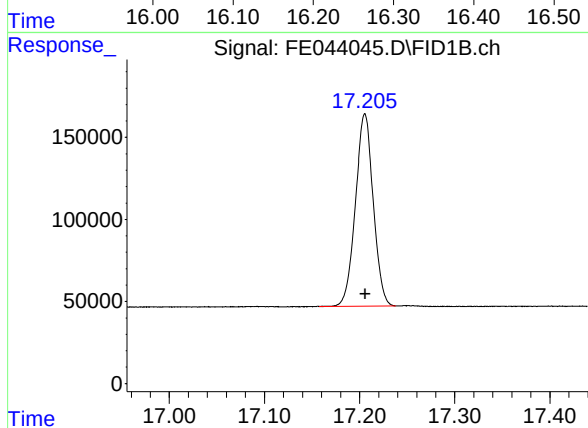
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.002 min
Response: 1661826
Conc: 10.79 ug/ml



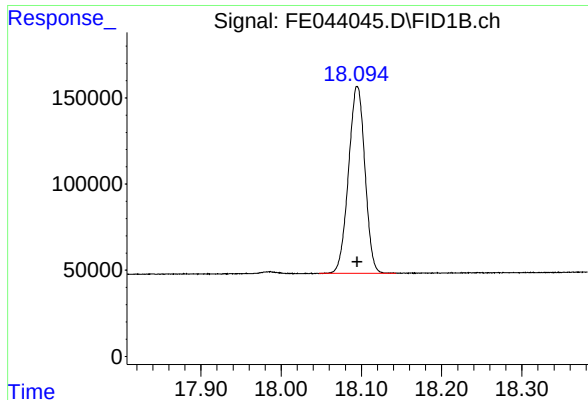
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.001 min
Response: 1598933
Conc: 10.76 ug/ml



#16 n-Octacosane (C28)

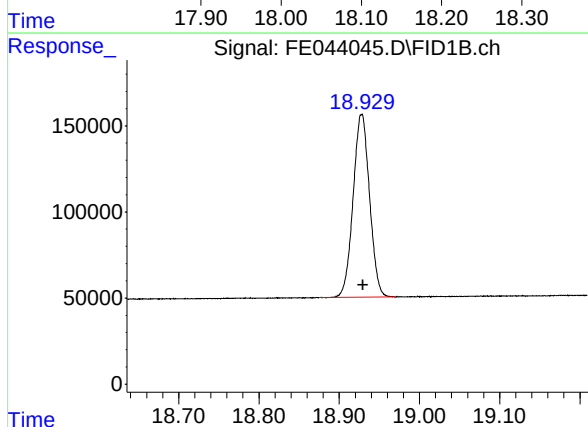
R.T.: 17.206 min
Delta R.T.: 0.000 min
Response: 1525153
Conc: 10.73 ug/ml



#17 n-Tricontane (C30)

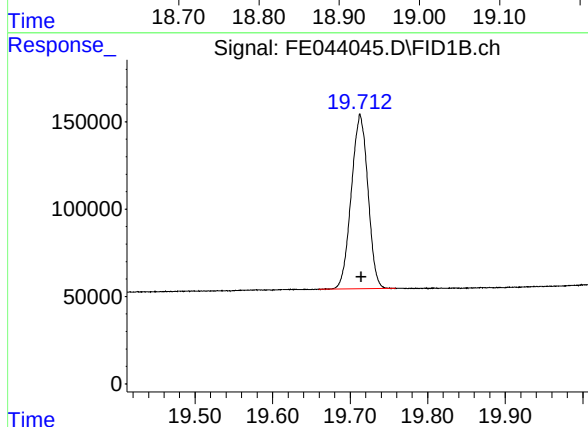
R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 1540765
Conc: 10.84 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



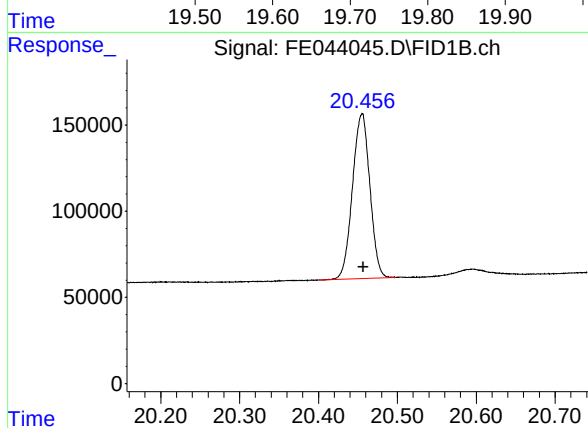
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.001 min
Response: 1513758
Conc: 10.90 ug/ml



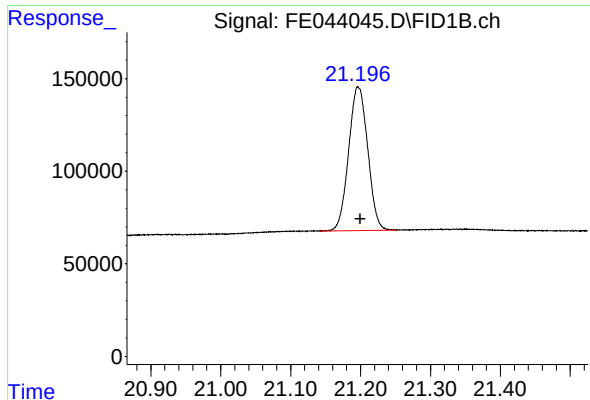
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.002 min
Response: 1488461
Conc: 10.90 ug/ml



#20 n-Hexatriacontane (C36)

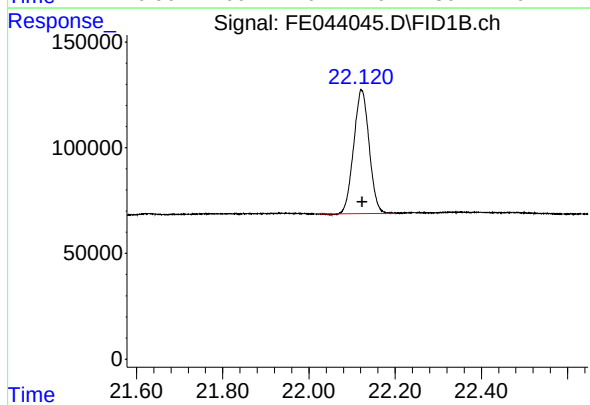
R.T.: 20.455 min
Delta R.T.: -0.001 min
Response: 1464528
Conc: 10.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.003 min
Response: 1469148
Conc: 10.77 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.002 min
Response: 1454619
Conc: 10.71 ug/ml