

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
 Data File : FD048959.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 17:17
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 25 05:54:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:52:04 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)	11.241	962625	4.836 ug/ml
Spiked Amount 50.000		Recovery =	9.67%
12) S 1-chlorooctadecane (S...	12.683	729696	4.825 ug/ml
Spiked Amount 50.000		Recovery =	9.65%
Target Compounds			
1) T n-Nonane (C9)	3.109	796124	4.879 ug/ml
2) T n-Decane (C10)	4.153	807517	4.849 ug/ml
3) T A~Naphthalene (C11.7)	5.706	773975	4.365 ug/ml
4) T n-Dodecane (C12)	6.144	822516	4.862 ug/ml
5) T A~2-methylnaphthalene...	6.760	660675	3.894 ug/ml
6) T n-Tetradecane (C14)	7.925	817393	4.824 ug/ml
7) T n-Hexadecane (C16)	9.514	854999	4.820 ug/ml
8) T n-Octadecane (C18)	10.943	878881	4.843 ug/ml
10) T n-Eicosane (C20)	12.245	873103	4.936 ug/ml
11) T n-Heneicosane (C21)	12.852	865461	4.955 ug/ml
13) T n-Docosane (C22)	13.435	864209	4.962 ug/ml
14) T n-Tetracosane (C24)	14.532	871301	5.006 ug/ml
15) T n-Hexacosane (C26)	15.547	858158	5.015 ug/ml
16) T n-Octacosane (C28)	16.492	887513	5.255 ug/ml
17) T n-Tricontane (C30)	17.374	975826	5.671 ug/ml
18) T n-Dotriacontane (C32)	18.202	947482	5.780 ug/ml
19) T n-Tetratriacontane (C34)	18.981	785370	5.642 ug/ml
20) T n-Hexatriacontane (C36)	19.716	622331	5.367 ug/ml
21) T n-Octatriacontane (C38)	20.414	536112	5.110 ug/ml
22) T n-Tetracontane (C40)	21.195	486623	5.011 ug/ml

(f)=RT Delta > 1/2 Window

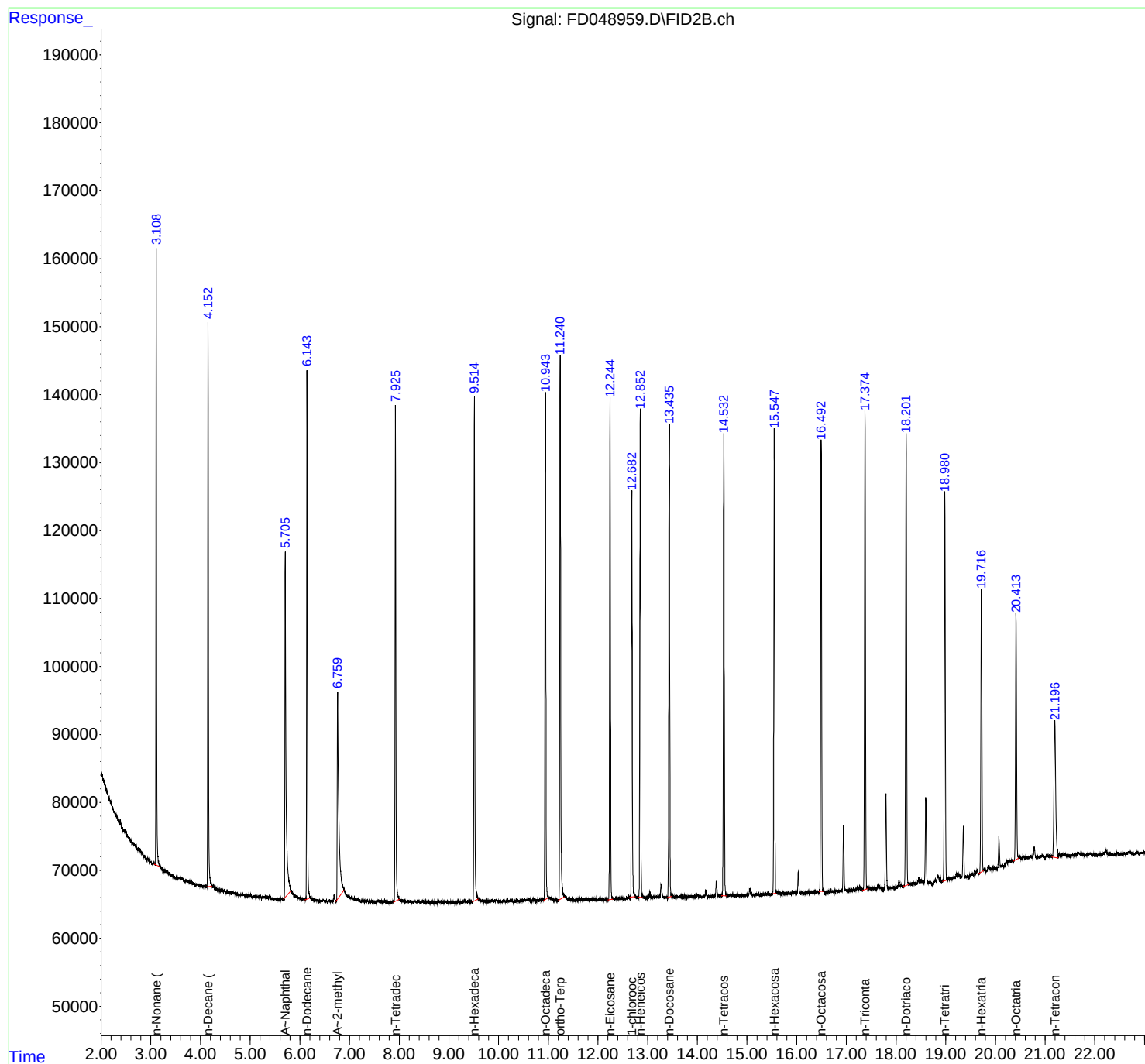
(m)=manual int.

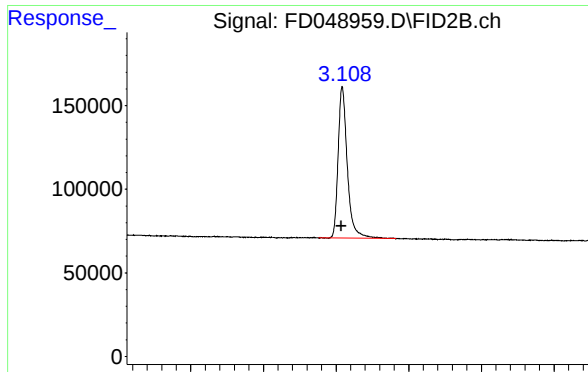
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
Data File : FD048959.D
Signal(s) : FID2B.ch
Acq On : 24 Jan 2025 17:17
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jan 25 05:54:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
Quant Title : GC Extractables
QLast Update : Sat Jan 25 05:52:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

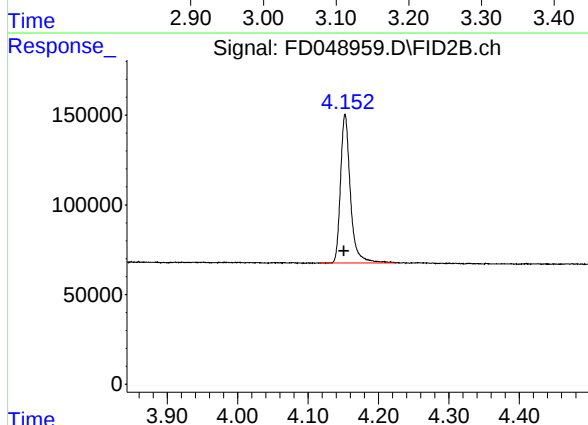




#1 n-Nonane (C9)

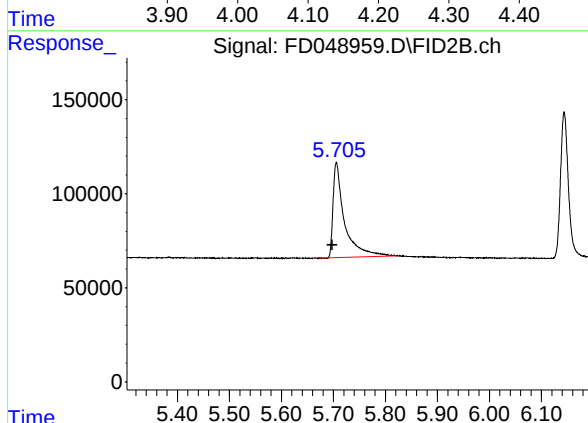
R.T.: 3.109 min
Delta R.T.: 0.002 min
Response: 796124
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



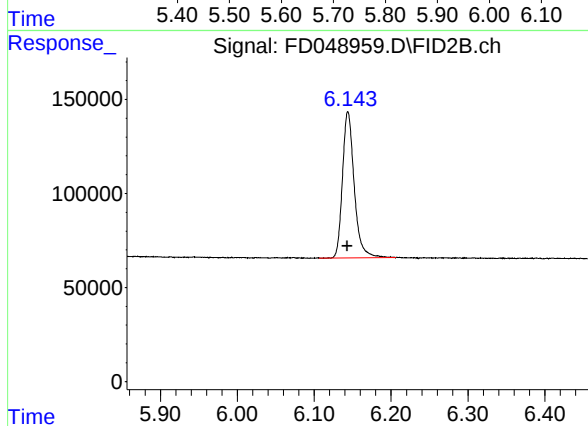
#2 n-Decane (C10)

R.T.: 4.153 min
Delta R.T.: 0.002 min
Response: 807517
Conc: 4.85 ug/ml



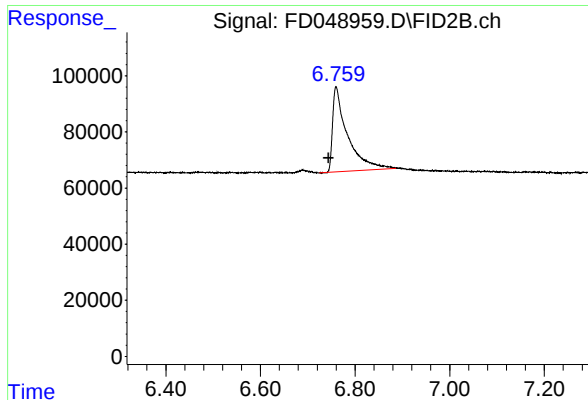
#3 A~Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: 0.008 min
Response: 773975
Conc: 4.36 ug/ml



#4 n-Dodecane (C12)

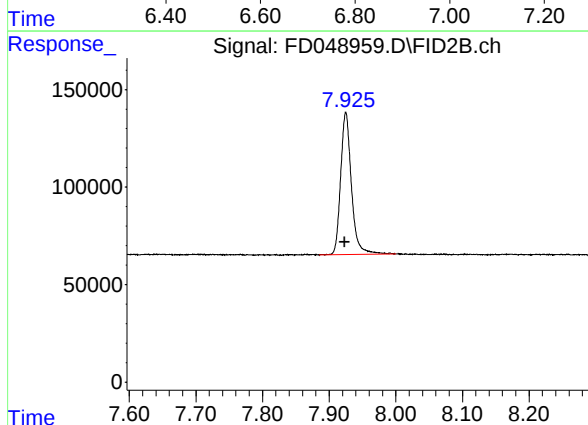
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 822516
Conc: 4.86 ug/ml



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

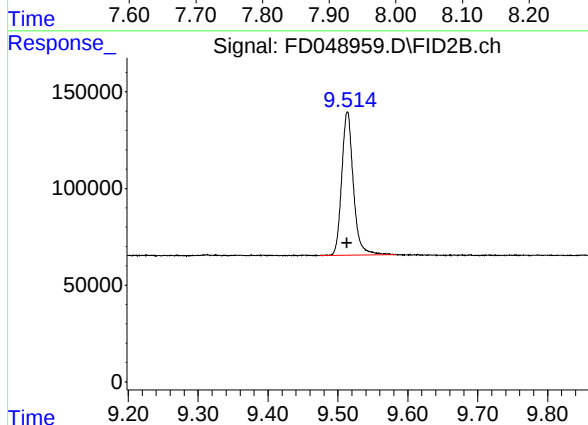
R.T.: 6.760 min
Delta R.T.: 0.016 min
Response: 660675
Conc: 3.89 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



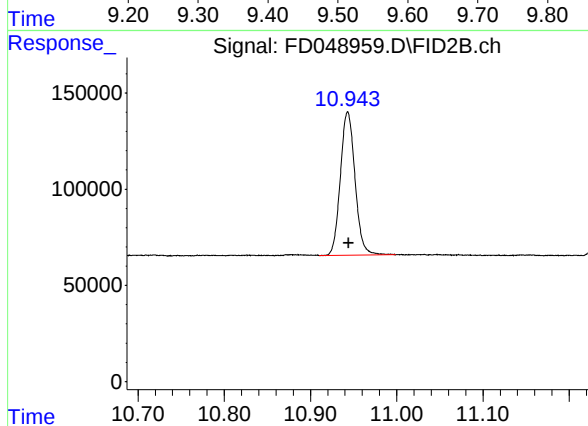
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: 0.002 min
Response: 817393
Conc: 4.82 ug/ml



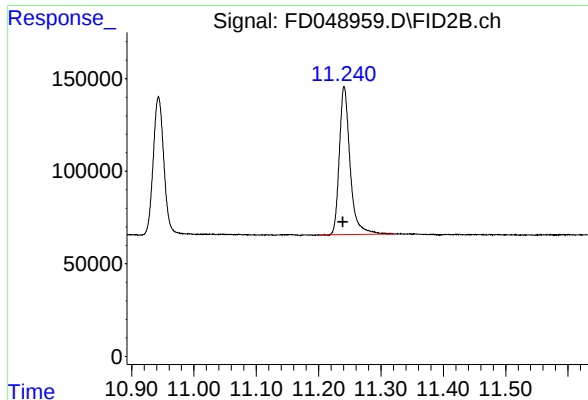
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 854999
Conc: 4.82 ug/ml



#8 n-Octadecane (C18)

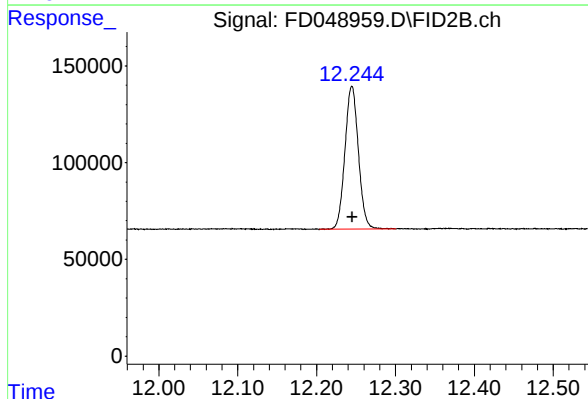
R.T.: 10.943 min
Delta R.T.: 0.000 min
Response: 878881
Conc: 4.84 ug/ml



#9 ortho-Terphenyl (SURR)

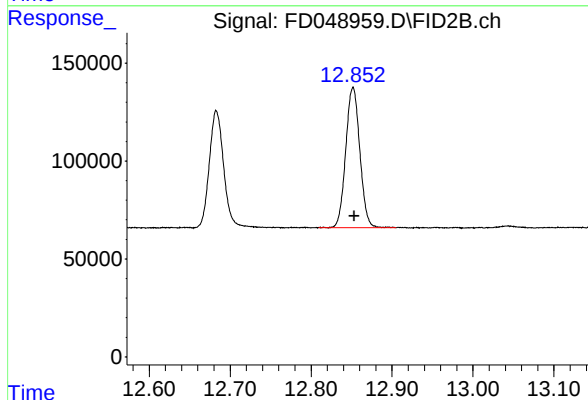
R.T.: 11.241 min
Delta R.T.: 0.002 min
Response: 962625
Conc: 4.84 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



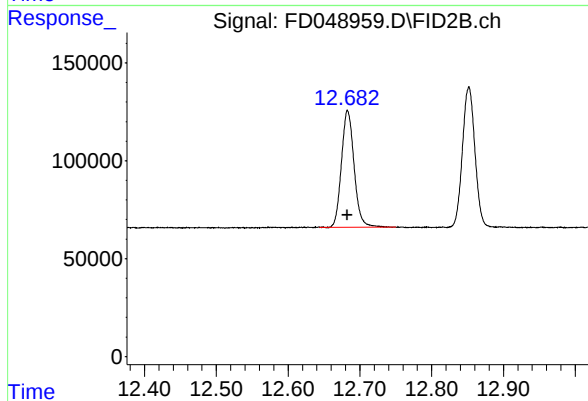
#10 n-Eicosane (C20)

R.T.: 12.245 min
Delta R.T.: 0.000 min
Response: 873103
Conc: 4.94 ug/ml



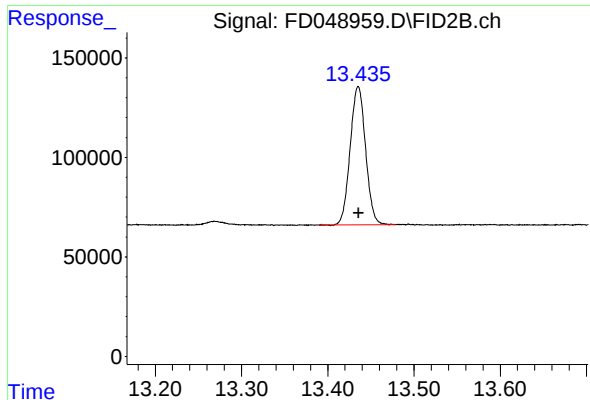
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: -0.002 min
Response: 865461
Conc: 4.95 ug/ml



#12 1-chlorooctadecane (SURR)

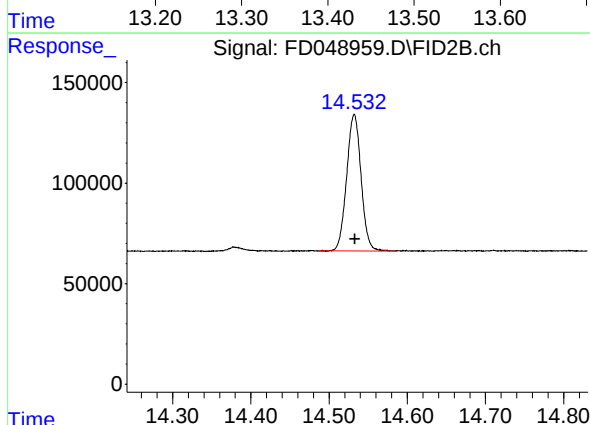
R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 729696
Conc: 4.82 ug/ml



#13 n-Docosane (C22)

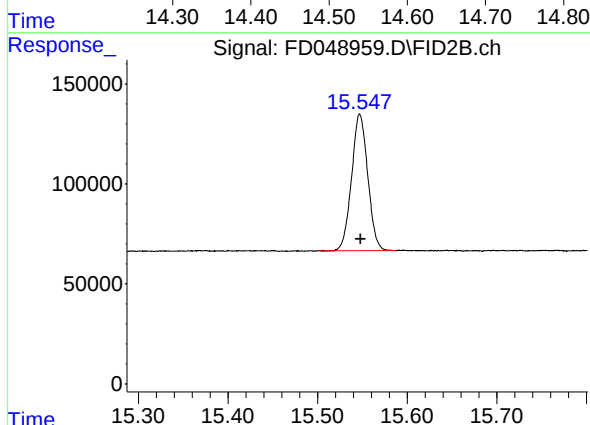
R.T.: 13.435 min
Delta R.T.: 0.000 min
Response: 864209
Conc: 4.96 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



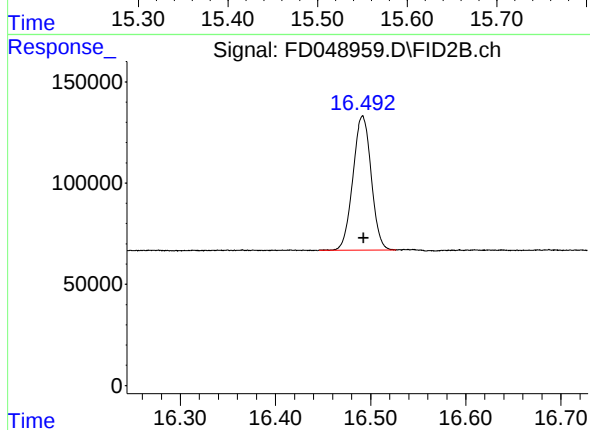
#14 n-Tetracosane (C24)

R.T.: 14.532 min
Delta R.T.: 0.000 min
Response: 871301
Conc: 5.01 ug/ml



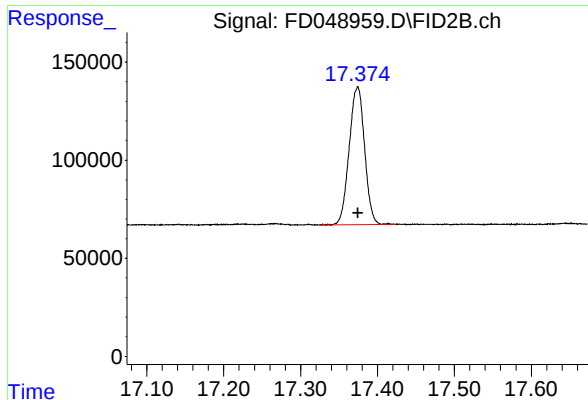
#15 n-Hexacosane (C26)

R.T.: 15.547 min
Delta R.T.: 0.000 min
Response: 858158
Conc: 5.02 ug/ml



#16 n-Octacosane (C28)

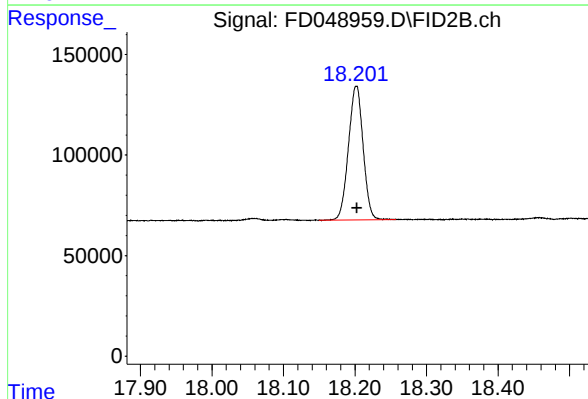
R.T.: 16.492 min
Delta R.T.: 0.000 min
Response: 887513
Conc: 5.25 ug/ml



#17 n-Tricontane (C30)

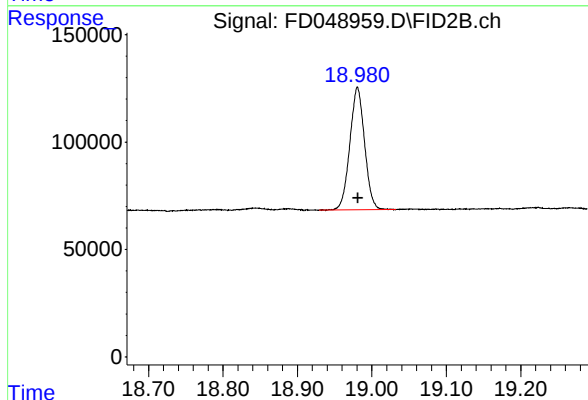
R.T.: 17.374 min
Delta R.T.: 0.000 min
Response: 975826
Conc: 5.67 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



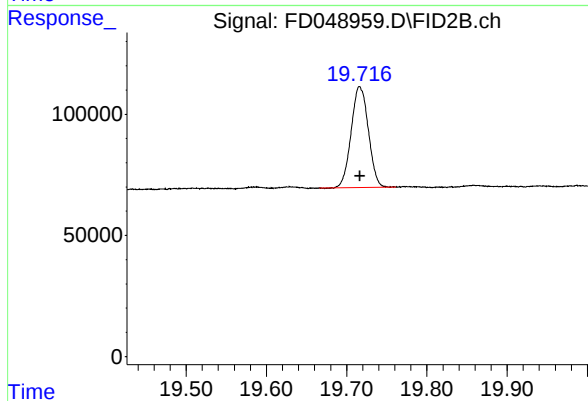
#18 n-Dotriacontane (C32)

R.T.: 18.202 min
Delta R.T.: 0.000 min
Response: 947482
Conc: 5.78 ug/ml



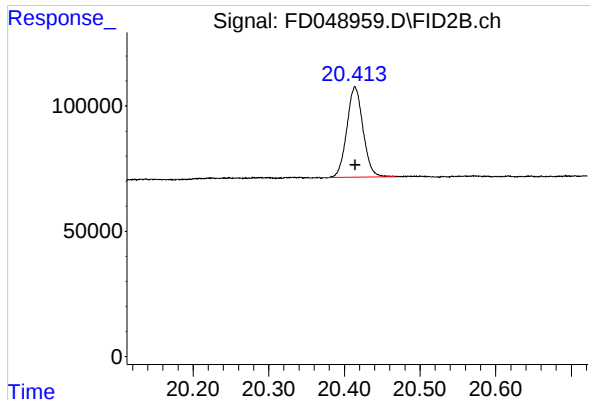
#19 n-Tetatriacontane (C34)

R.T.: 18.981 min
Delta R.T.: -0.001 min
Response: 785370
Conc: 5.64 ug/ml



#20 n-Hexatriacontane (C36)

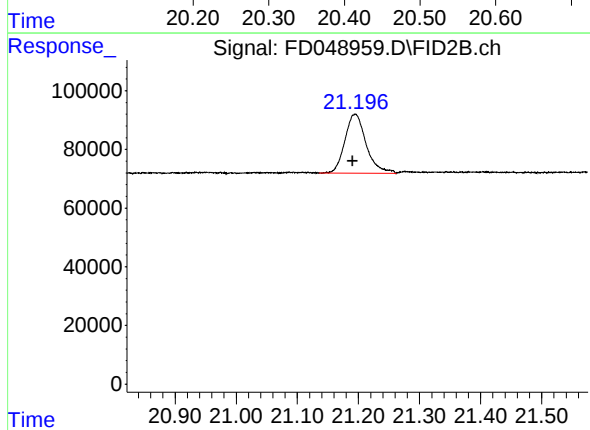
R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 622331
Conc: 5.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.414 min
Delta R.T.: 0.000 min
Response: 536112
Conc: 5.11 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.195 min
Delta R.T.: 0.004 min
Response: 486623
Conc: 5.01 ug/ml