

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071924AL\
 Data File : FE049210.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2024 18:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 20 00:35:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.908	2708575	17.463 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
12) S 1-chlorooctadecane (S...	13.342	2056983	17.606 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
Target Compounds			
1) T n-Nonane (C9)	3.297	2578170	17.143 ug/ml
2) T n-Decane (C10)	4.547	2677298	17.334 ug/ml
3) T A~Naphthalene (C11.7)	6.252	2693019	17.285 ug/ml
4) T n-Dodecane (C12)	6.713	2650946	17.216 ug/ml
5) T A~2-methylnaphthalene...	7.349	2514889	17.281 ug/ml
6) T n-Tetradecane (C14)	8.541	2606102	17.171 ug/ml
7) T n-Hexadecane (C16)	10.147	2650308	17.476 ug/ml
8) T n-Octadecane (C18)	11.589	2651749	17.465 ug/ml
10) T n-Eicosane (C20)	12.897	2529601	17.493 ug/ml
11) T n-Heneicosane (C21)	13.509	2481275	17.497 ug/ml
13) T n-Docosane (C22)	14.095	2471967	17.595 ug/ml
14) T n-Tetracosane (C24)	15.196	2503546	17.863 ug/ml
15) T n-Hexacosane (C26)	16.217	2513464	17.925 ug/ml
16) T n-Octacosane (C28)	17.165	2584866	18.468 ug/ml
17) T n-Tricontane (C30)	18.052	2870547	19.679 ug/ml
18) T n-Dotriacontane (C32)	18.885	2972411	20.215 ug/ml
19) T n-Tetratriacontane (C34)	19.666	2885555	19.755 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2758181	19.133 ug/ml
21) T n-Octatriacontane (C38)	21.136	2763589	18.462 ug/ml
22) T n-Tetracontane (C40)	22.039	2732381	18.107 ug/ml

(f)=RT Delta > 1/2 Window

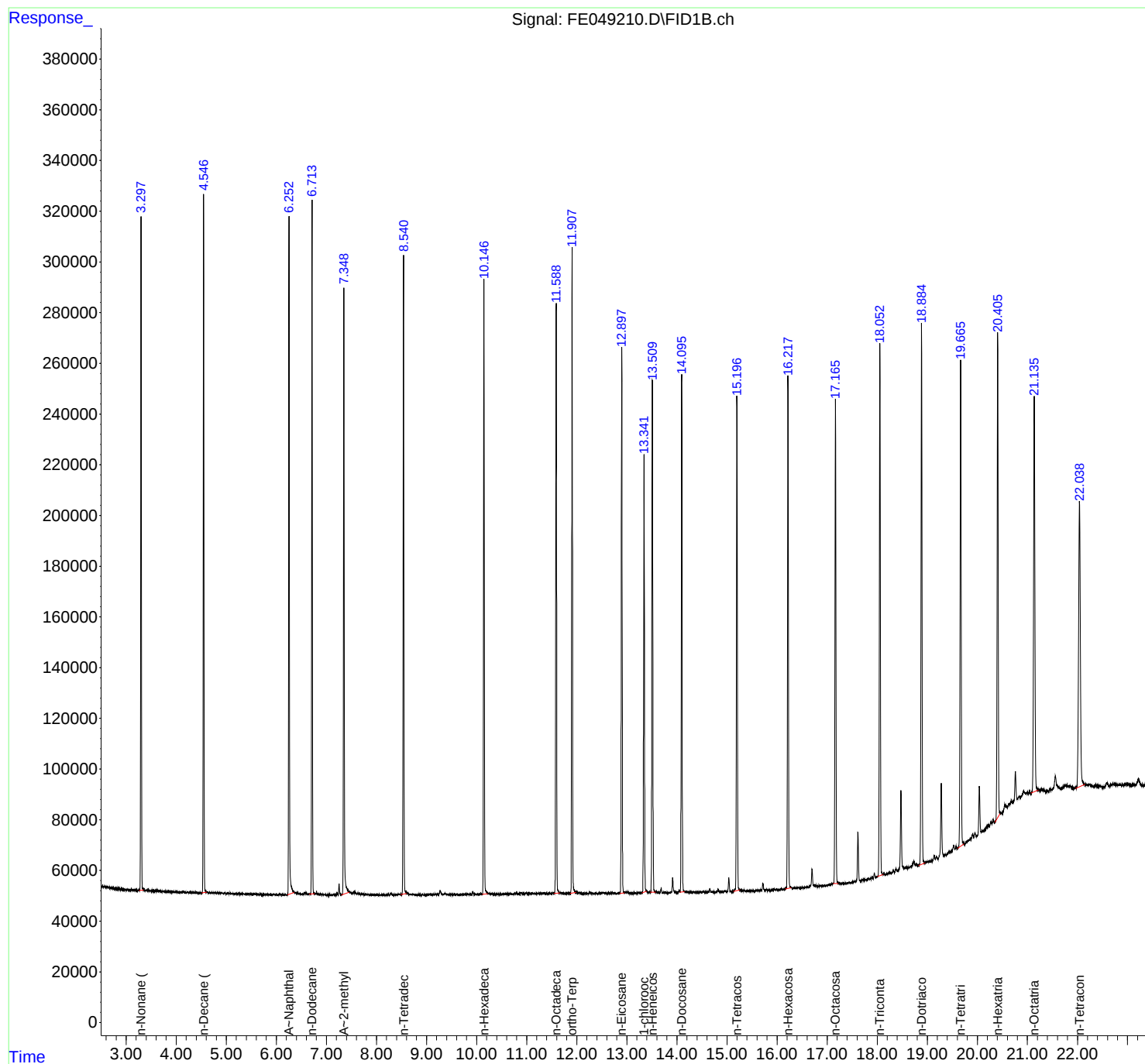
(m)=manual int.

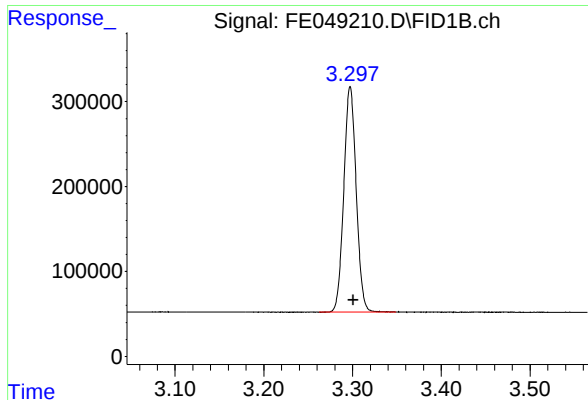
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071924AL\
Data File : FE049210.D
Signal(s) : FID1B.ch
Acq On : 19 Jul 2024 18:02
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 20 00:35:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
Quant Title : GC Extractables
QLast Update : Wed Jul 17 14:26:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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

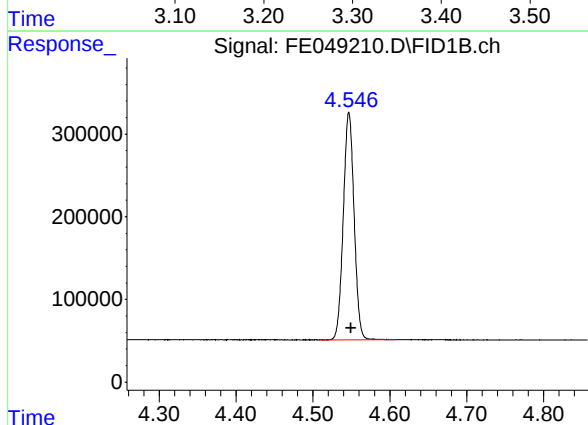




#1 n-Nonane (C9)

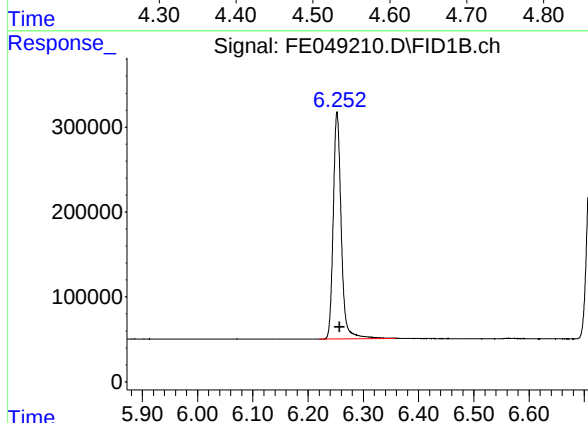
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2578170
Conc: 17.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



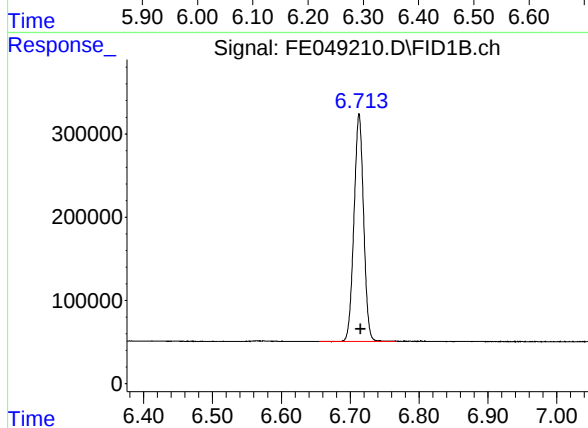
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 2677298
Conc: 17.33 ug/ml



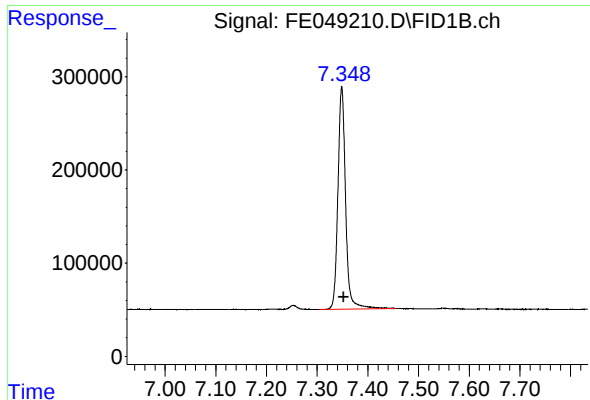
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 2693019
Conc: 17.28 ug/ml



#4 n-Dodecane (C12)

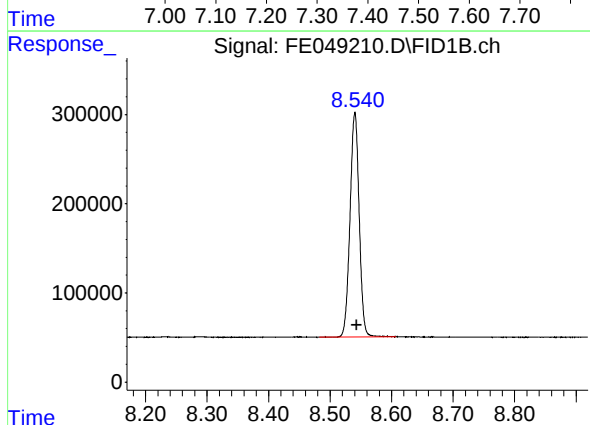
R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 2650946
Conc: 17.22 ug/ml



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

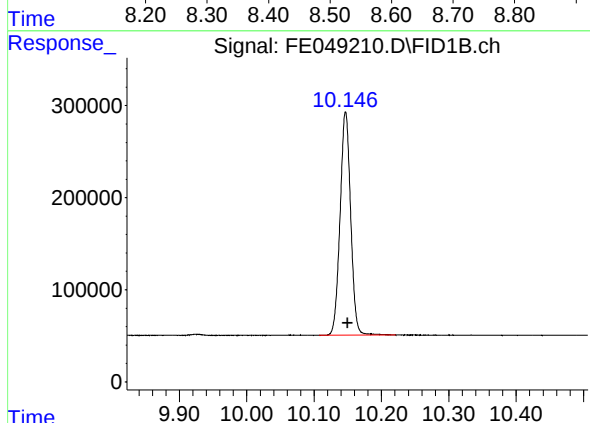
R.T.: 7.349 min
Delta R.T.: -0.004 min
Response: 2514889
Conc: 17.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



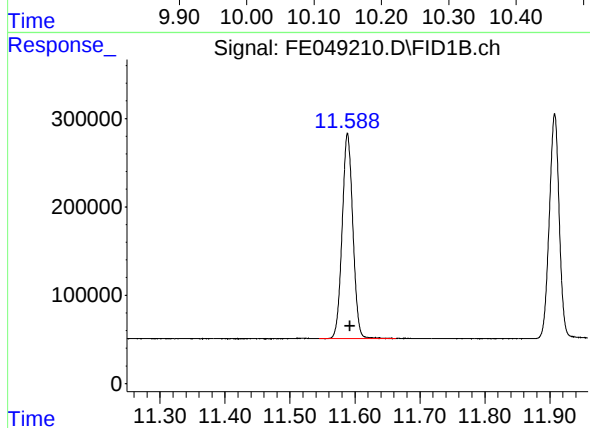
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.002 min
Response: 2606102
Conc: 17.17 ug/ml



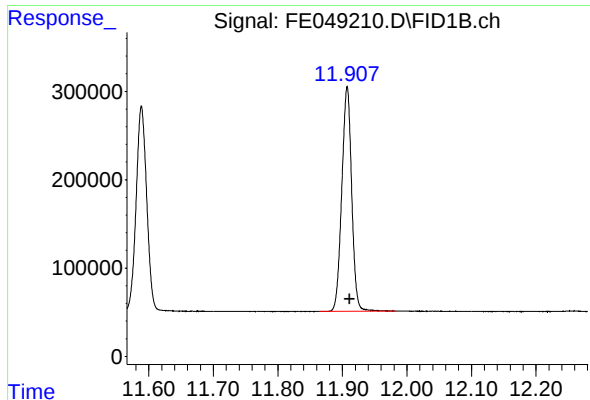
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 2650308
Conc: 17.48 ug/ml



#8 n-Octadecane (C18)

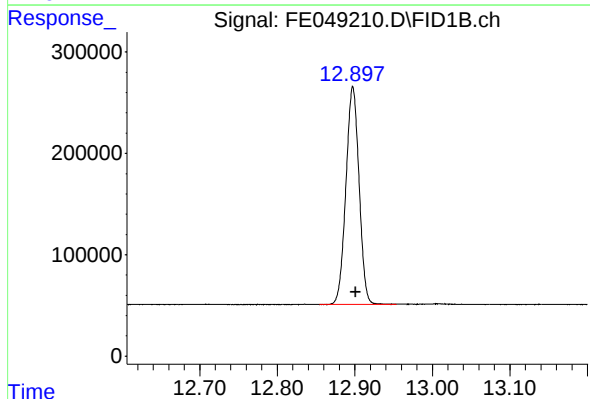
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2651749
Conc: 17.47 ug/ml



#9 ortho-Terphenyl (SURR)

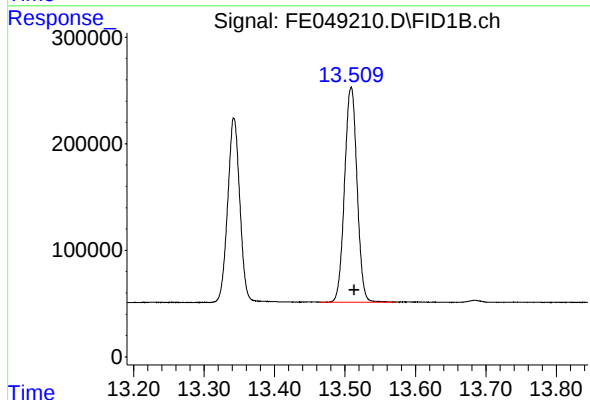
R.T.: 11.908 min
Delta R.T.: -0.003 min
Response: 2708575
Conc: 17.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



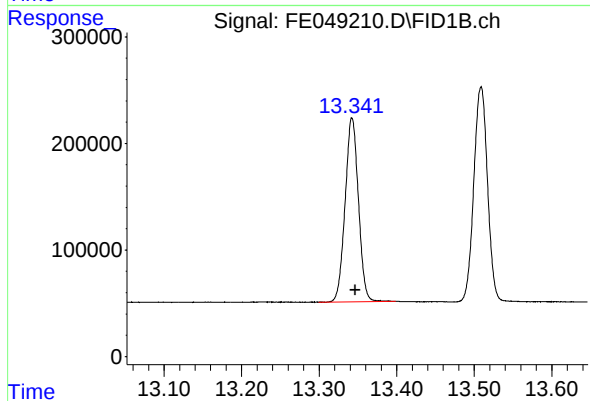
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 2529601
Conc: 17.49 ug/ml



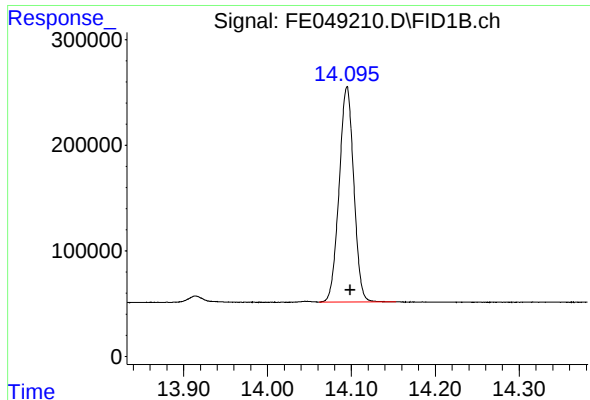
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2481275
Conc: 17.50 ug/ml



#12 1-chlorooctadecane (SURR)

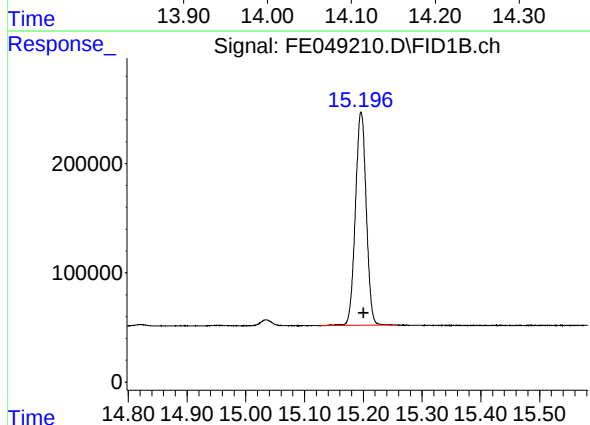
R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 2056983
Conc: 17.61 ug/ml



#13 n-Docosane (C22)

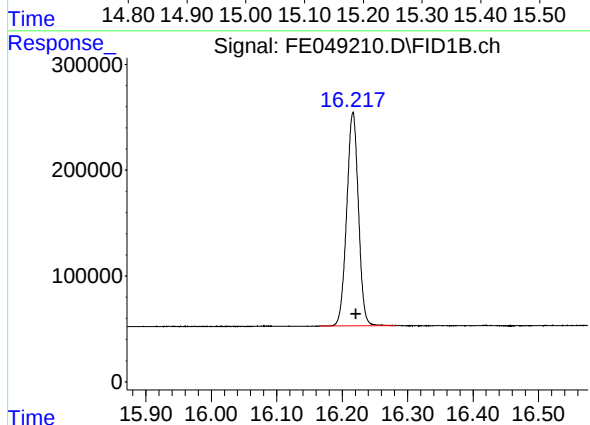
R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 2471967
Conc: 17.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



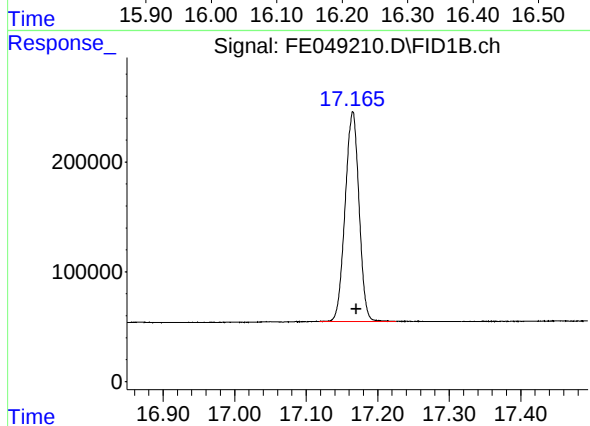
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.004 min
Response: 2503546
Conc: 17.86 ug/ml



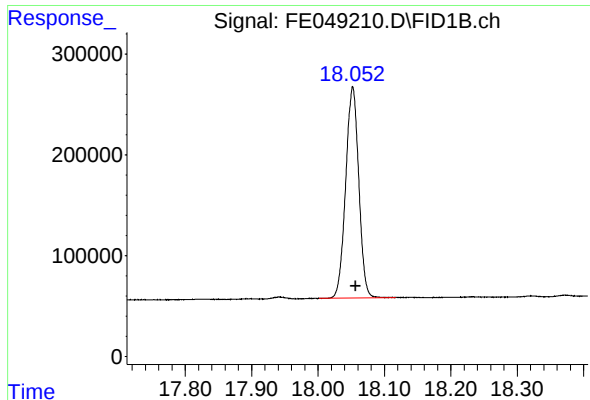
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.004 min
Response: 2513464
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

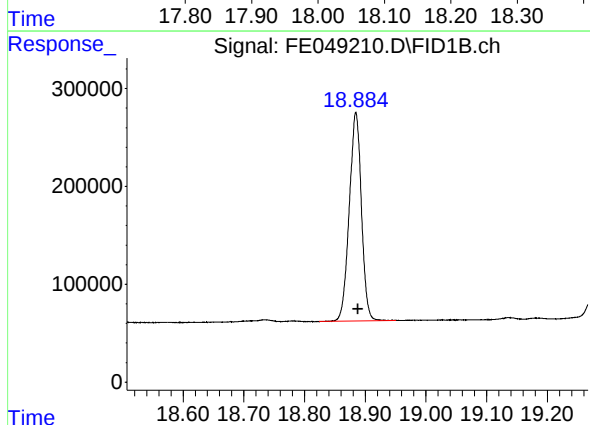
R.T.: 17.165 min
Delta R.T.: -0.005 min
Response: 2584866
Conc: 18.47 ug/ml



#17 n-Tricontane (C30)

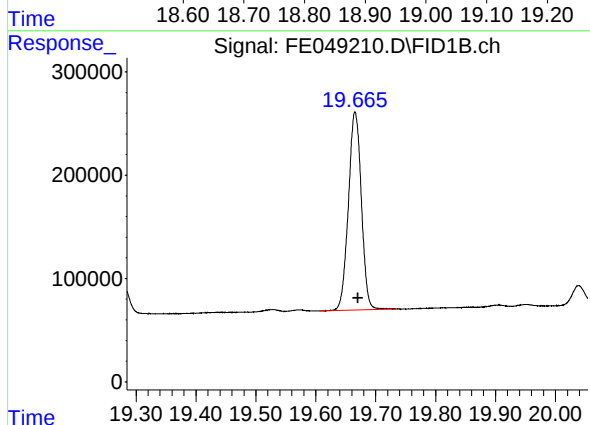
R.T.: 18.052 min
Delta R.T.: -0.004 min
Response: 2870547
Conc: 19.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



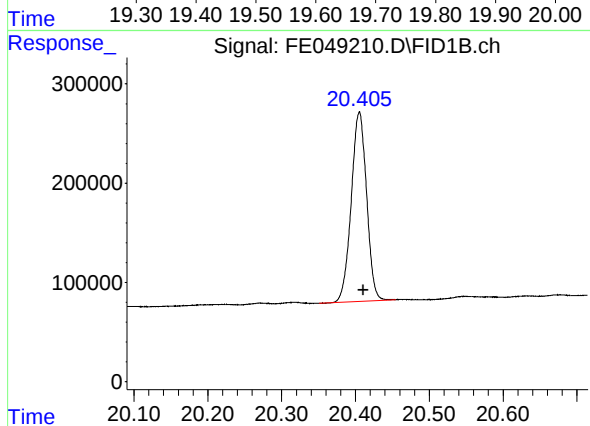
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.003 min
Response: 2972411
Conc: 20.22 ug/ml



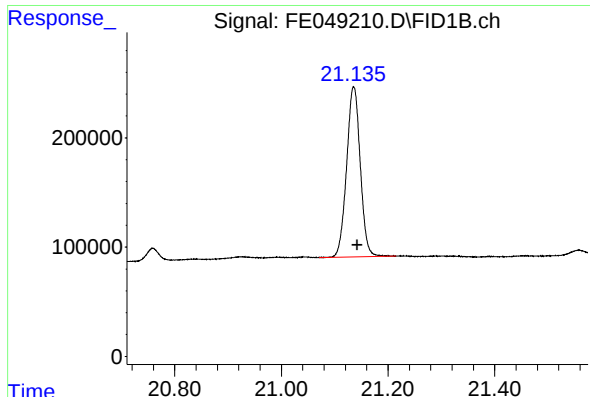
#19 n-Tetatriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.005 min
Response: 2885555
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

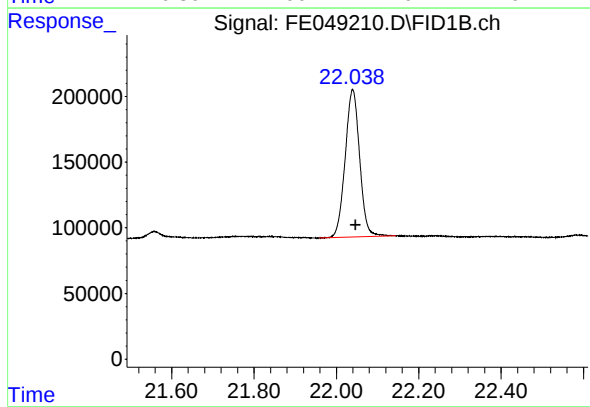
R.T.: 20.405 min
Delta R.T.: -0.005 min
Response: 2758181
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: -0.006 min
Response: 2763589
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.007 min
Response: 2732381
Conc: 18.11 ug/ml