

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049590.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 10:36
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 14 11:04:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 10:31:56 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)	11.886	848079	5.309 ug/ml
Spiked Amount 50.000		Recovery =	10.62%
12) S 1-chlorooctadecane (S...	13.322	622280	5.126 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
Target Compounds			
1) T n-Nonane (C9)	3.278	818471	5.366 ug/ml
2) T n-Decane (C10)	4.528	826984	5.301 ug/ml
3) T A~Naphthalene (C11.7)	6.236	800903	4.989 ug/ml
4) T n-Dodecane (C12)	6.694	819242	5.267 ug/ml
5) T A~2-methylnaphthalene...	7.331	729161	4.837 ug/ml
6) T n-Tetradecane (C14)	8.521	810689	5.318 ug/ml
7) T n-Hexadecane (C16)	10.128	812136	5.252 ug/ml
8) T n-Octadecane (C18)	11.569	821445	5.291 ug/ml
10) T n-Eicosane (C20)	12.877	785569	5.331 ug/ml
11) T n-Heneicosane (C21)	13.488	764365	5.266 ug/ml
13) T n-Docosane (C22)	14.073	766828	5.331 ug/ml
14) T n-Tetracosane (C24)	15.174	770371	5.375 ug/ml
15) T n-Hexacosane (C26)	16.194	761846	5.353 ug/ml
16) T n-Octacosane (C28)	17.142	769397	5.434 ug/ml
17) T n-Tricontane (C30)	18.029	811980	5.541 ug/ml
18) T n-Dotriacontane (C32)	18.861	829862	5.622 ug/ml
19) T n-Tetratriacontane (C34)	19.643	830297	5.551 ug/ml
20) T n-Hexatriacontane (C36)	20.382	807293	5.402 ug/ml
21) T n-Octatriacontane (C38)	21.109	841615	5.461 ug/ml
22) T n-Tetracontane (C40)	22.004	775577	5.100 ug/ml

(f)=RT Delta > 1/2 Window

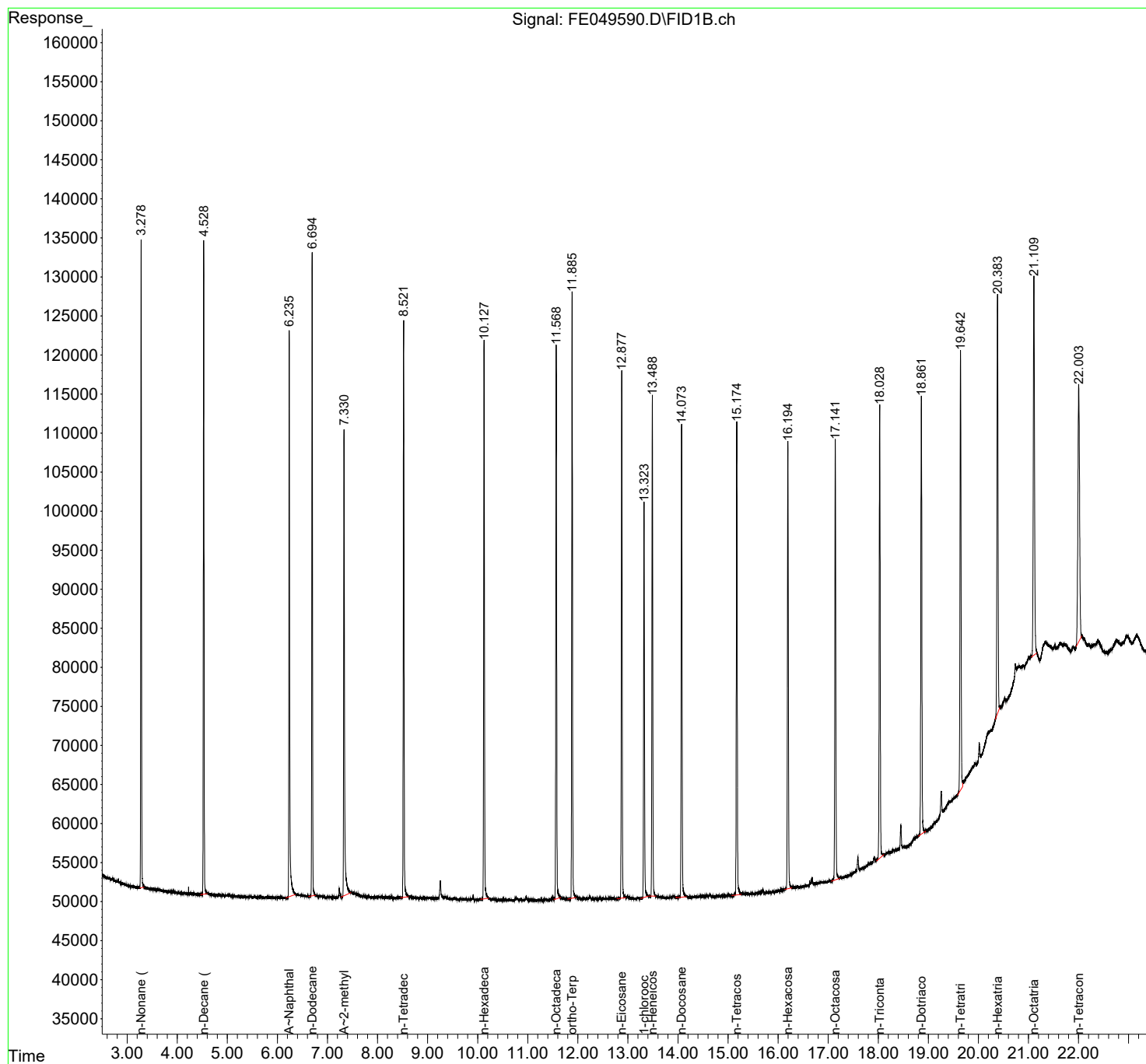
(m)=manual int.

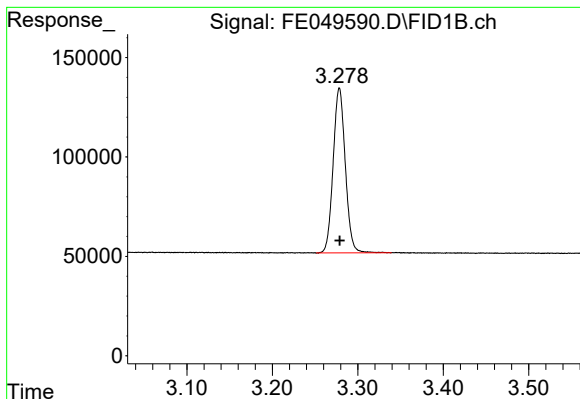
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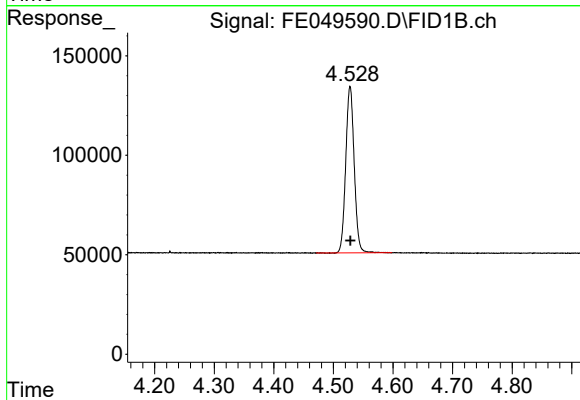




#1 n-Nonane (C9)

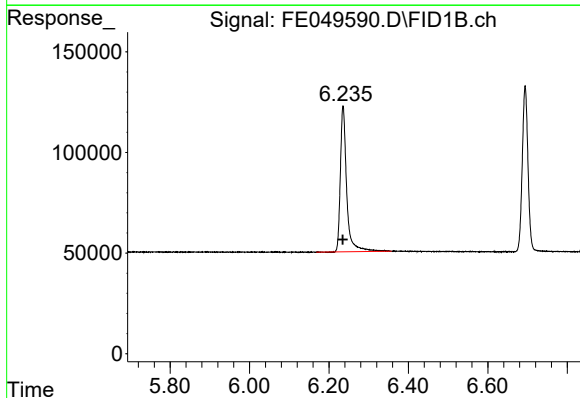
R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 818471
Conc: 5.37 ug/ml

Instrument :
FID_E
ClientSampleId :



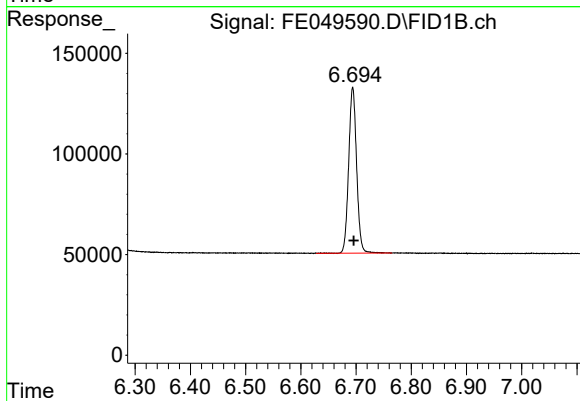
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 826984
Conc: 5.30 ug/ml



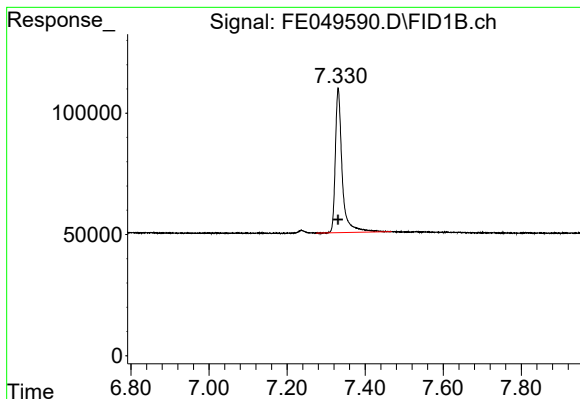
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 800903
Conc: 4.99 ug/ml



#4 n-Dodecane (C12)

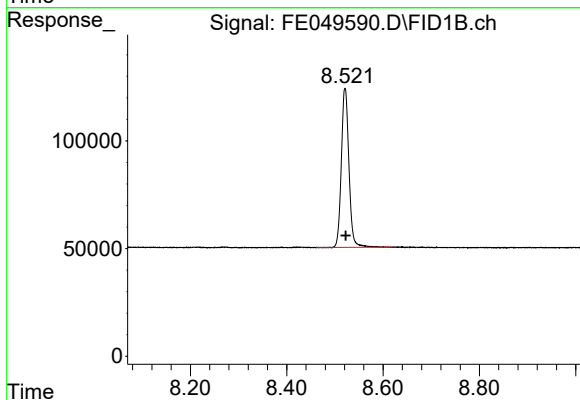
R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 819242
Conc: 5.27 ug/ml



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

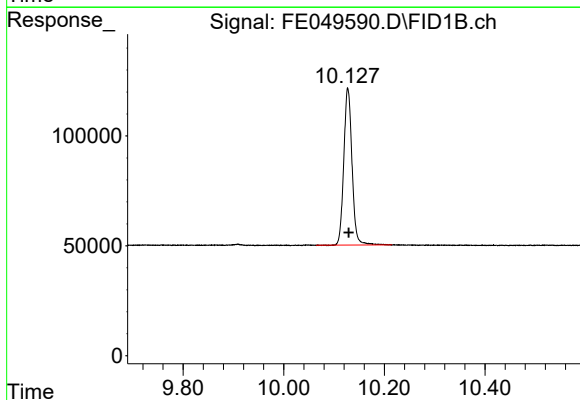
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 729161
Conc: 4.84 ug/ml

Instrument :
FID_E
ClientSampleId :



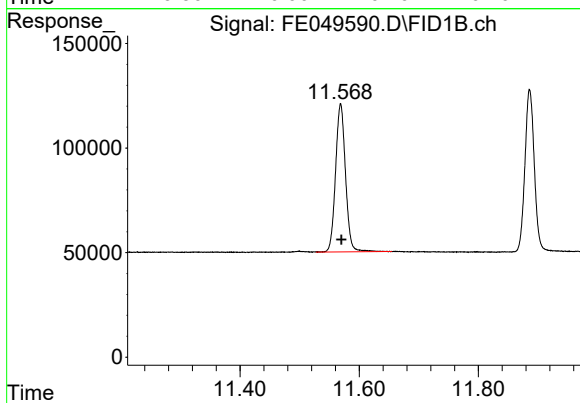
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.001 min
Response: 810689
Conc: 5.32 ug/ml



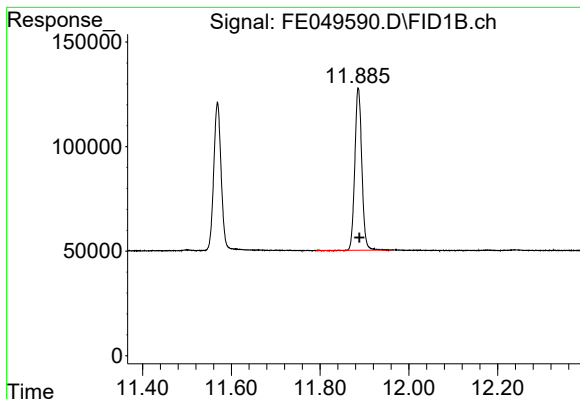
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.001 min
Response: 812136
Conc: 5.25 ug/ml



#8 n-Octadecane (C18)

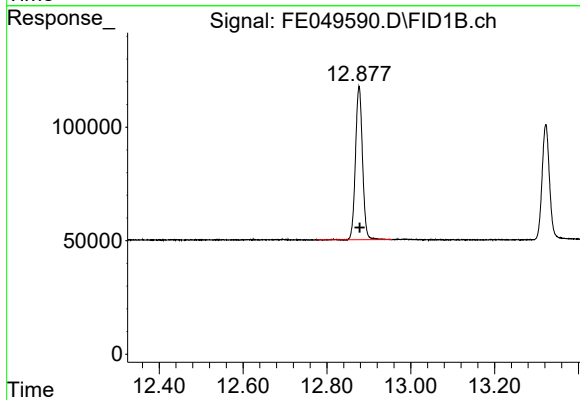
R.T.: 11.569 min
Delta R.T.: -0.002 min
Response: 821445
Conc: 5.29 ug/ml



#9 ortho-Terphenyl (SURR)

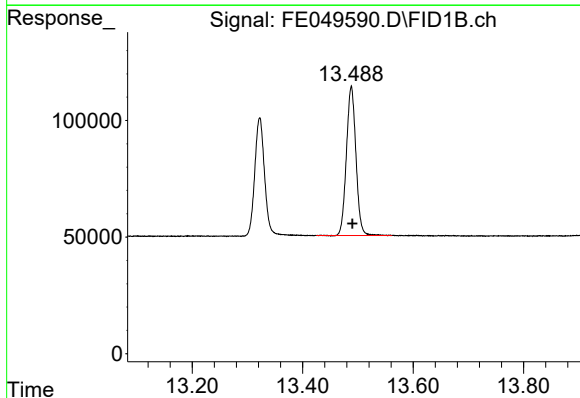
R.T.: 11.886 min
Delta R.T.: -0.002 min
Response: 848079
Conc: 5.31 ug/ml

Instrument :
FID_E
ClientSampleId :



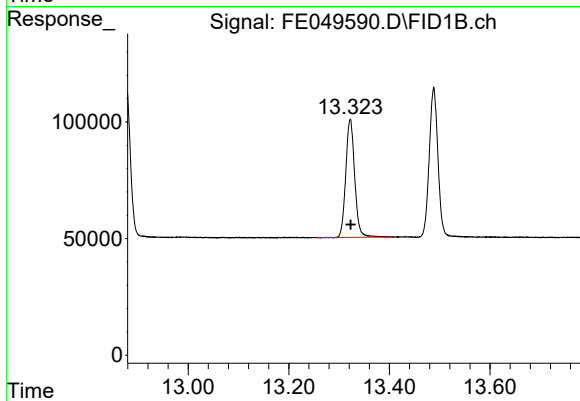
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 785569
Conc: 5.33 ug/ml



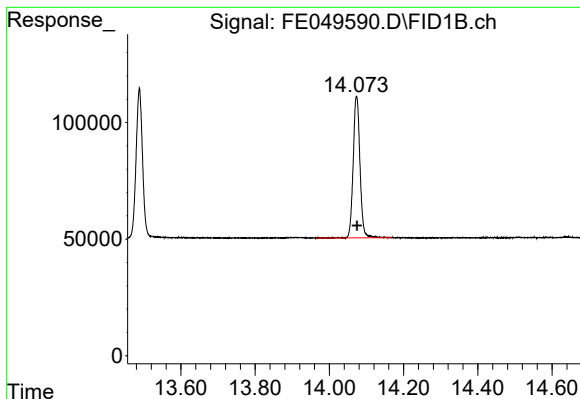
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 764365
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

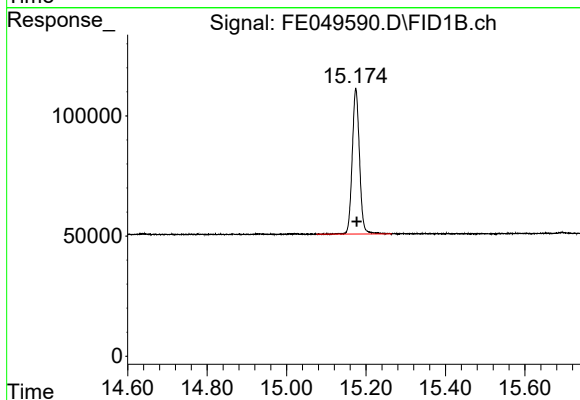
R.T.: 13.322 min
Delta R.T.: -0.001 min
Response: 622280
Conc: 5.13 ug/ml



#13 n-Docosane (C22)

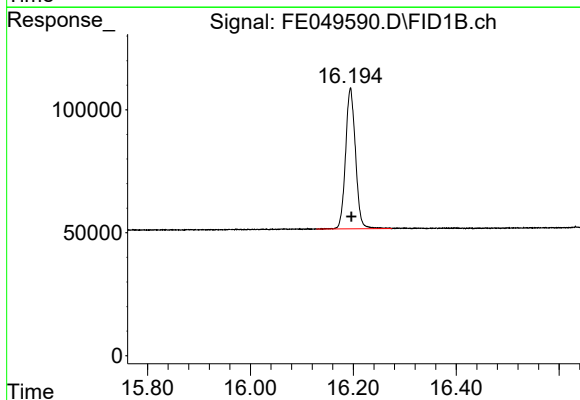
R.T.: 14.073 min
Delta R.T.: -0.002 min
Response: 766828
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :



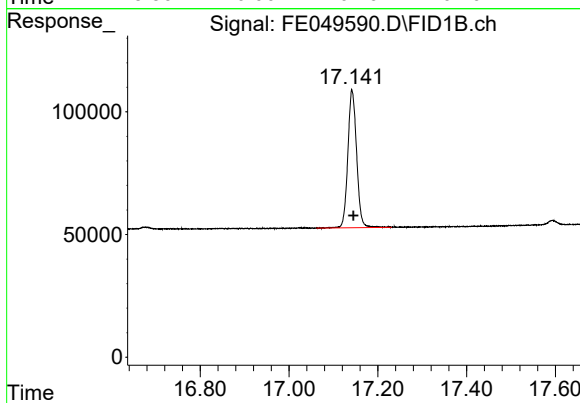
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.002 min
Response: 770371
Conc: 5.38 ug/ml



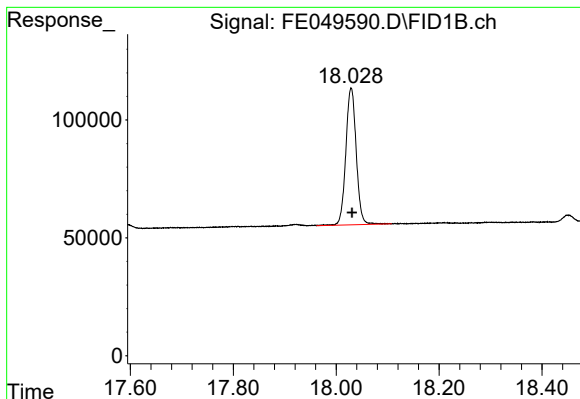
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.002 min
Response: 761846
Conc: 5.35 ug/ml



#16 n-Octacosane (C28)

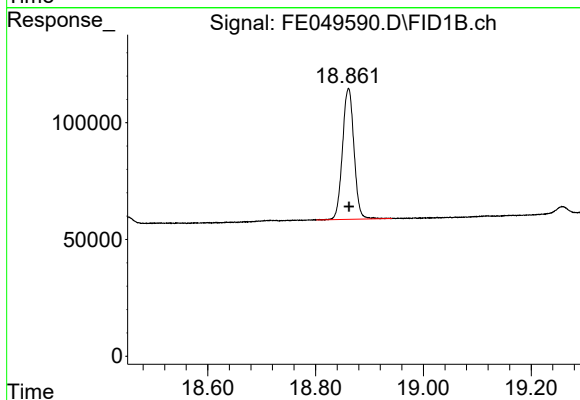
R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 769397
Conc: 5.43 ug/ml



#17 n-Tricontane (C30)

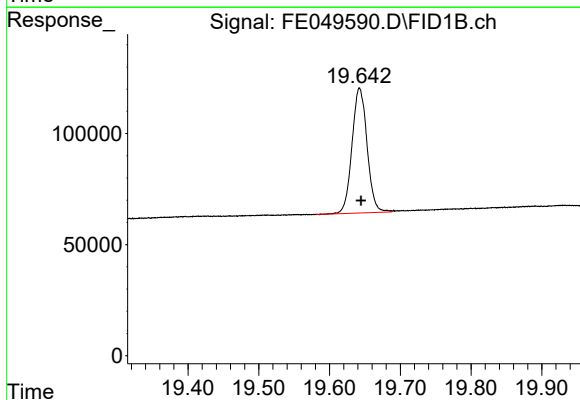
R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 811980
Conc: 5.54 ug/ml

Instrument :
FID_E
ClientSampleId :



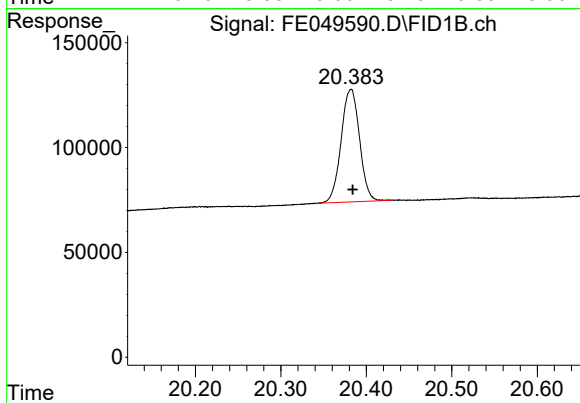
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.001 min
Response: 829862
Conc: 5.62 ug/ml



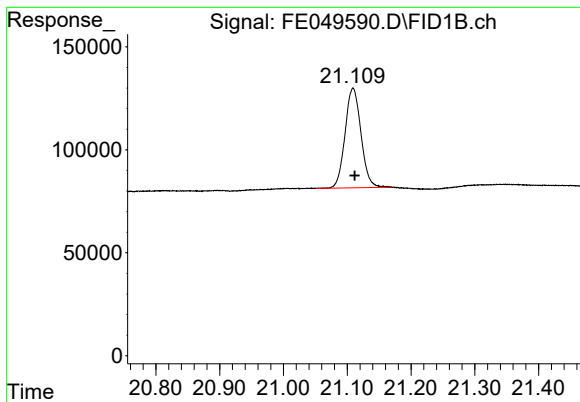
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.002 min
Response: 830297
Conc: 5.55 ug/ml



#20 n-Hexatriacontane (C36)

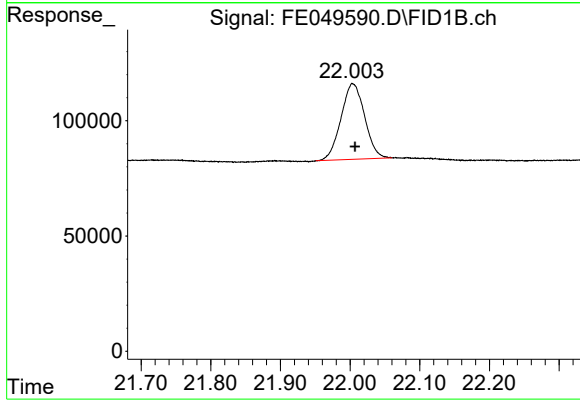
R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 807293
Conc: 5.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.003 min
Response: 841615
Conc: 5.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.003 min
Response: 775577
Conc: 5.10 ug/ml