

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044801.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 03:46
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 05:21:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 05:18:53 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)	11.924	18246627	94.866 ug/ml
Spiked Amount 50.000		Recovery =	189.73%
12) S 1-chlorooctadecane (S...	13.363	13545836	95.113 ug/ml
Spiked Amount 50.000		Recovery =	190.23%
Target Compounds			
1) T n-Nonane (C9)	3.302	15438497	95.564 ug/ml
2) T n-Decane (C10)	4.554	15705379	95.681 ug/ml
3) T A~Naphthalene (C11.7)	6.256	17137638	95.607 ug/ml
4) T n-Dodecane (C12)	6.720	15958226	95.704 ug/ml
5) T A~2-methylnaphthalene...	7.353	16864817	96.039 ug/ml
6) T n-Tetradecane (C14)	8.547	15825078	95.627 ug/ml
7) T n-Hexadecane (C16)	10.159	16007528	95.175 ug/ml
8) T n-Octadecane (C18)	11.606	15880796	94.789 ug/ml
10) T n-Eicosane (C20)	12.917	15173214	94.743 ug/ml
11) T n-Heneicosane (C21)	13.531	14827607	94.874 ug/ml
13) T n-Docosane (C22)	14.118	14539126	94.621 ug/ml
14) T n-Tetracosane (C24)	15.222	14079376	94.157 ug/ml
15) T n-Hexacosane (C26)	16.245	13643321	94.171 ug/ml
16) T n-Octacosane (C28)	17.197	13254076	93.488 ug/ml
17) T n-Tricontane (C30)	18.087	13318377	92.965 ug/ml
18) T n-Dotriacontane (C32)	18.921	13315458	92.480 ug/ml
19) T n-Tetratriacontane (C34)	19.707	13321385	93.425 ug/ml
20) T n-Hexatriacontane (C36)	20.447	13771448	93.184 ug/ml
21) T n-Octatriacontane (C38)	21.191	14197499	94.357 ug/ml
22) T n-Tetracontane (C40)	22.115	14980959	93.679 ug/ml

(f)=RT Delta > 1/2 Window

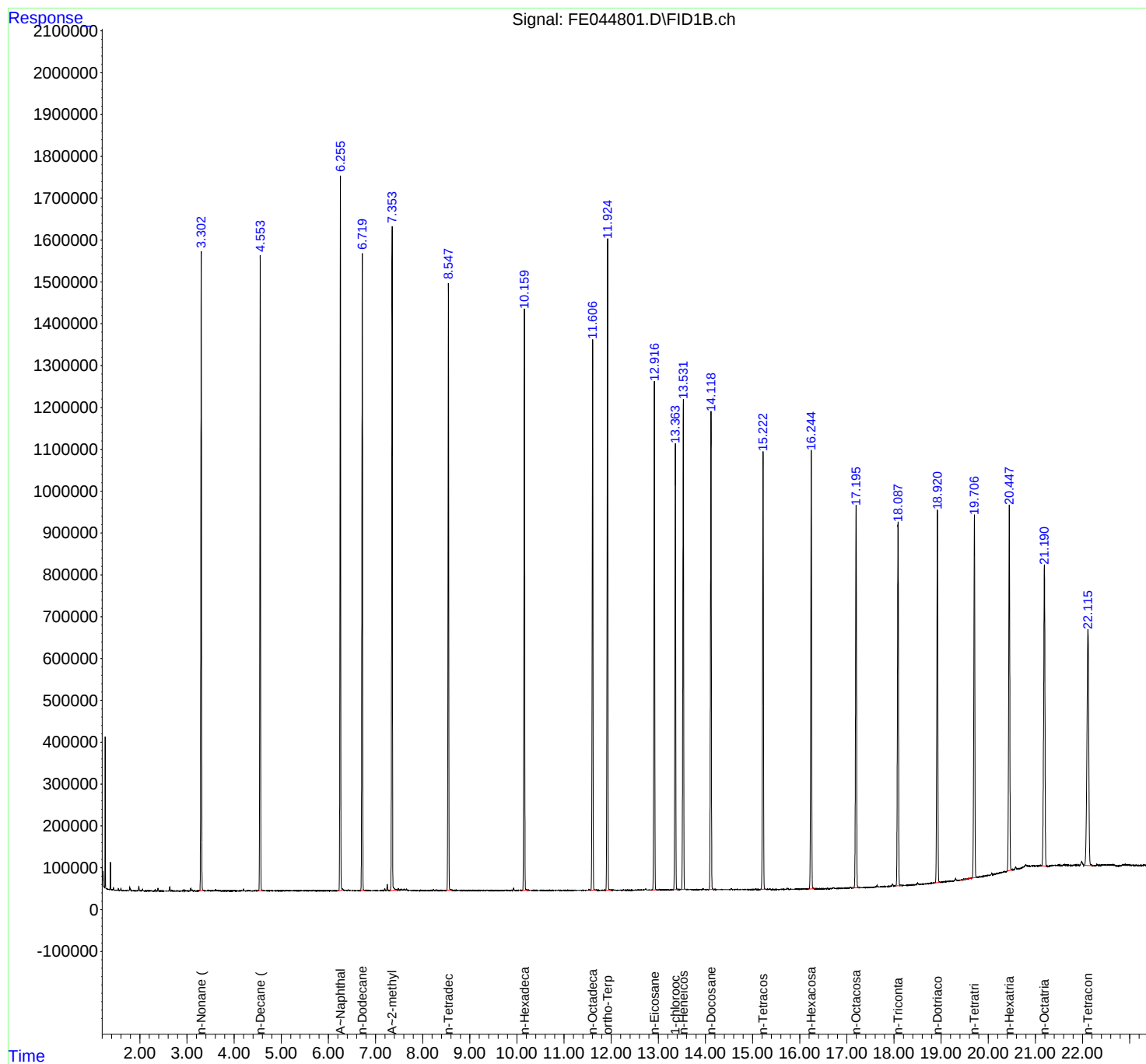
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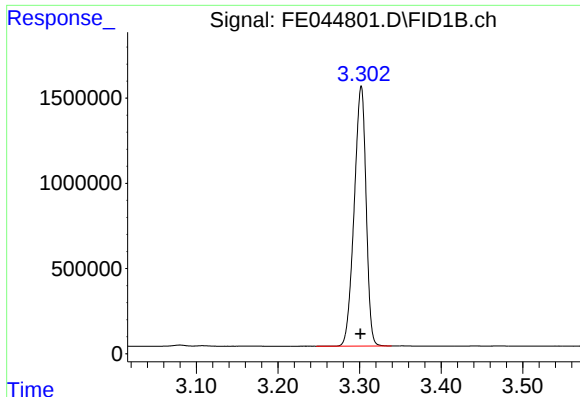
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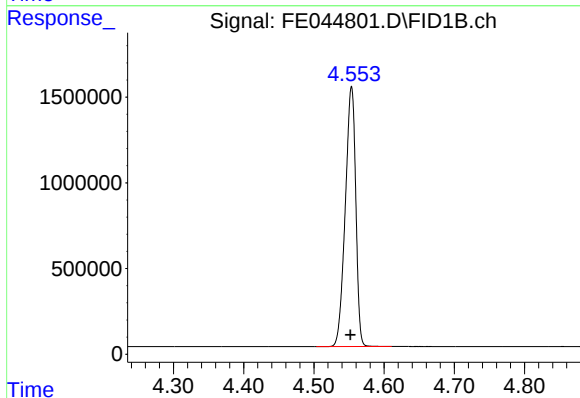




#1 n-Nonane (C9)

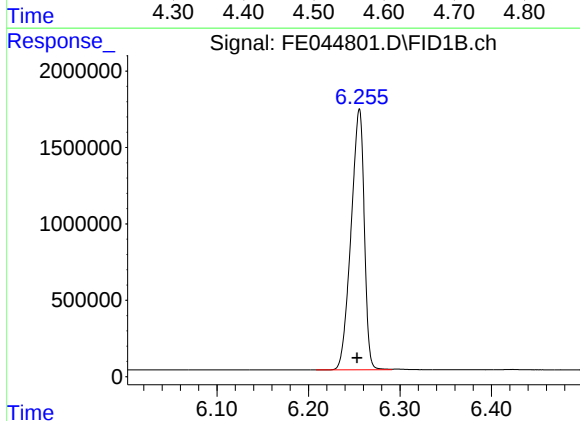
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 15438497
Conc: 95.56 ug/ml

Instrument :
FID_E
ClientSampleId :



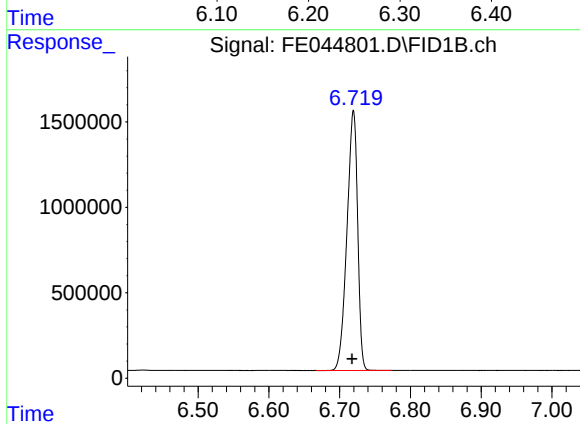
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.002 min
Response: 15705379
Conc: 95.68 ug/ml



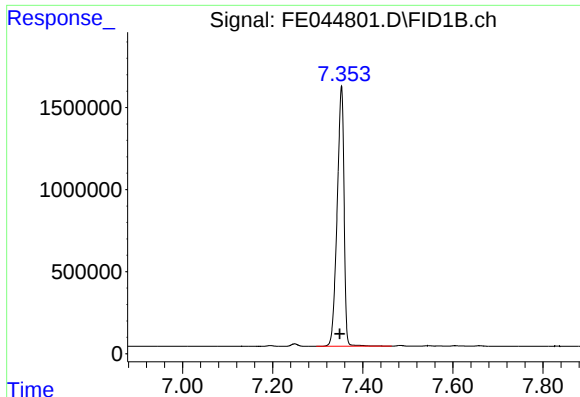
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.003 min
Response: 17137638
Conc: 95.61 ug/ml



#4 n-Dodecane (C12)

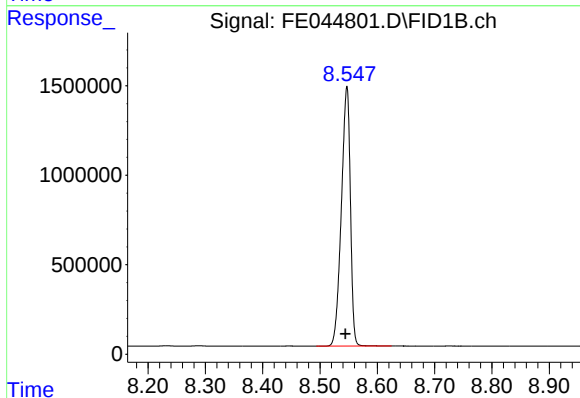
R.T.: 6.720 min
Delta R.T.: 0.002 min
Response: 15958226
Conc: 95.70 ug/ml



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

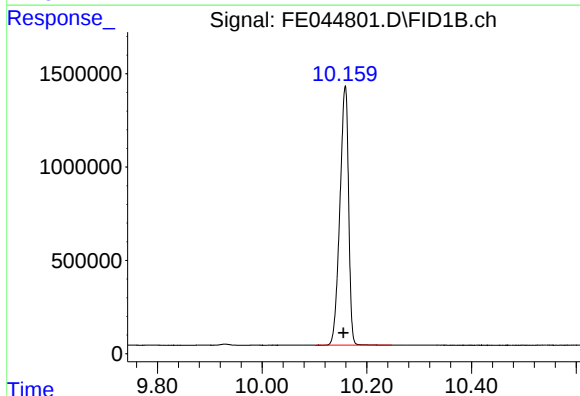
R.T.: 7.353 min
Delta R.T.: 0.004 min
Response: 16864817
Conc: 96.04 ug/ml

Instrument :
FID_E
ClientSampleId :



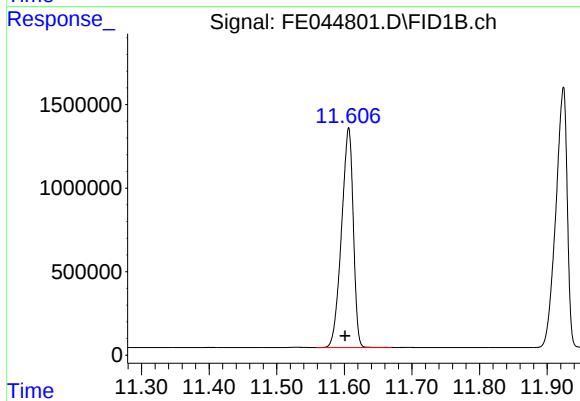
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: 0.003 min
Response: 15825078
Conc: 95.63 ug/ml



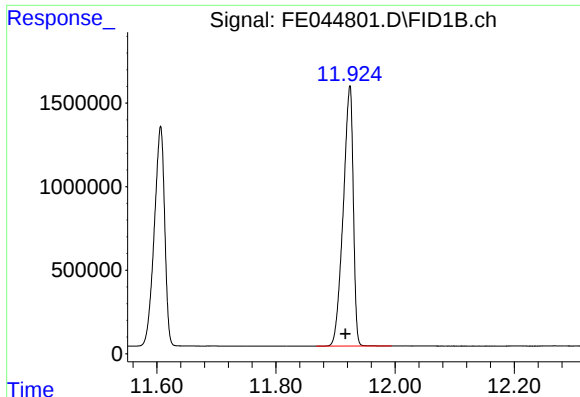
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.004 min
Response: 16007528
Conc: 95.18 ug/ml



#8 n-Octadecane (C18)

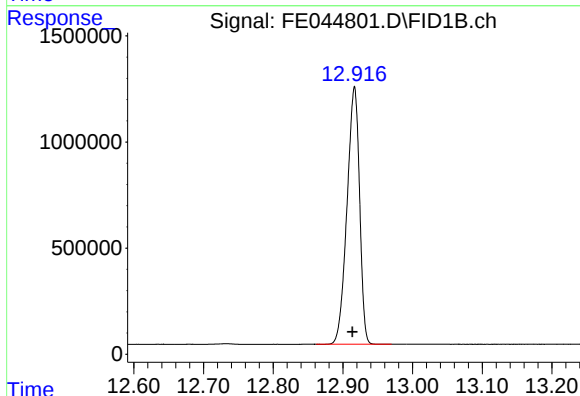
R.T.: 11.606 min
Delta R.T.: 0.005 min
Response: 15880796
Conc: 94.79 ug/ml



#9 ortho-Terphenyl (SURR)

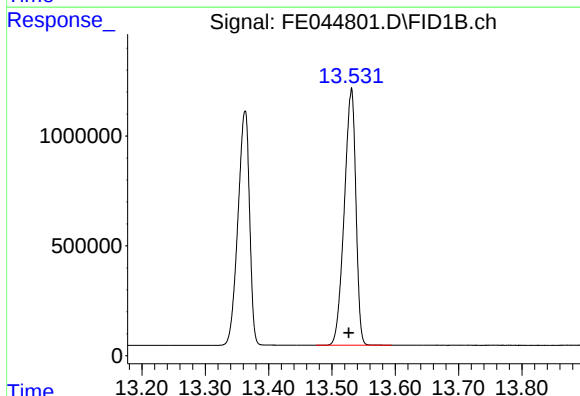
R.T.: 11.924 min
Delta R.T.: 0.007 min
Response: 18246627
Conc: 94.87 ug/ml

Instrument :
FID_E
ClientSampleId :



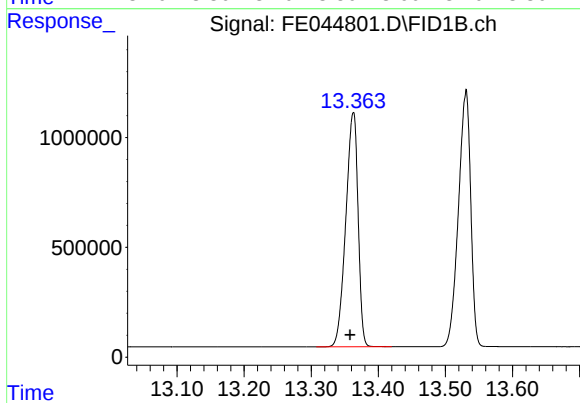
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.003 min
Response: 15173214
Conc: 94.74 ug/ml



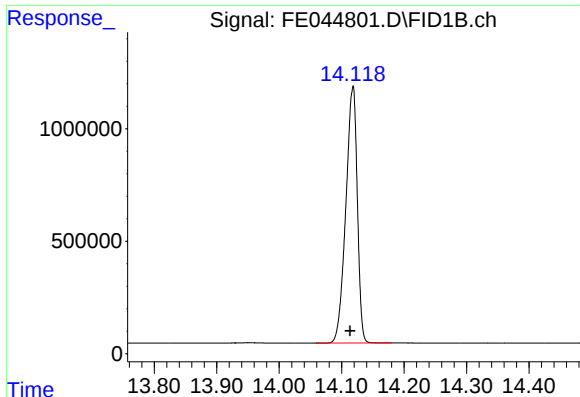
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.004 min
Response: 14827607
Conc: 94.87 ug/ml



#12 1-chlorooctadecane (SURR)

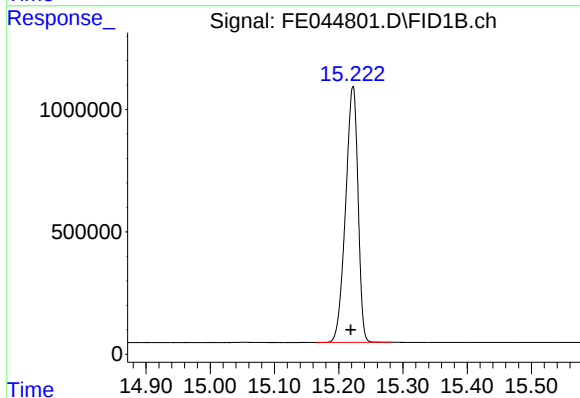
R.T.: 13.363 min
Delta R.T.: 0.005 min
Response: 13545836
Conc: 95.11 ug/ml



#13 n-Docosane (C22)

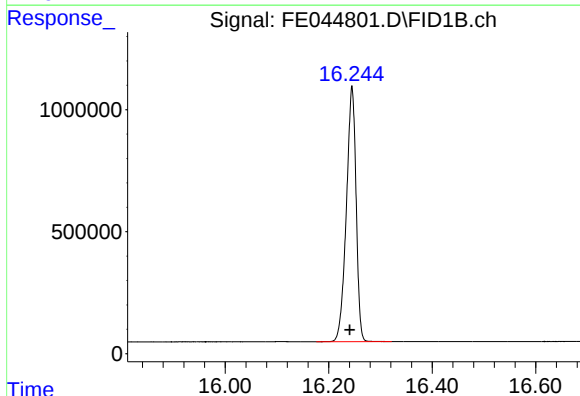
R.T.: 14.118 min
Delta R.T.: 0.004 min
Response: 14539126
Conc: 94.62 ug/ml

Instrument :
FID_E
ClientSampleId :



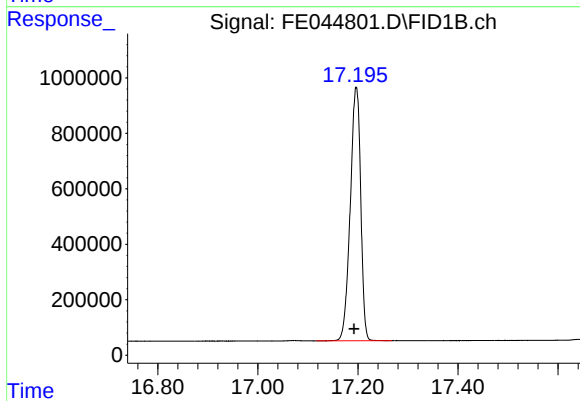
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.004 min
Response: 14079376
Conc: 94.16 ug/ml



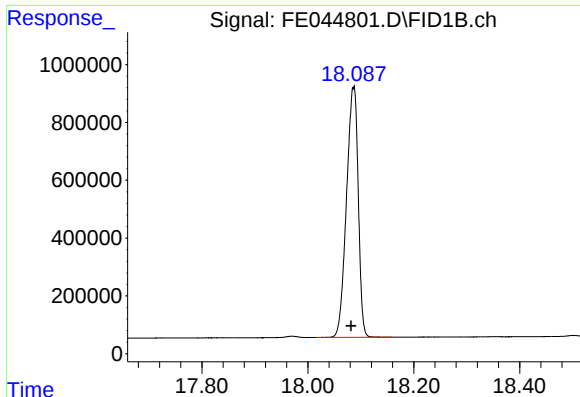
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.004 min
Response: 13643321
Conc: 94.17 ug/ml



#16 n-Octacosane (C28)

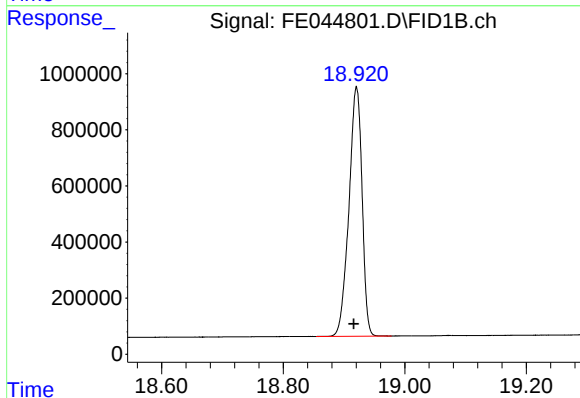
R.T.: 17.197 min
Delta R.T.: 0.004 min
Response: 13254076
Conc: 93.49 ug/ml



#17 n-Tricontane (C30)

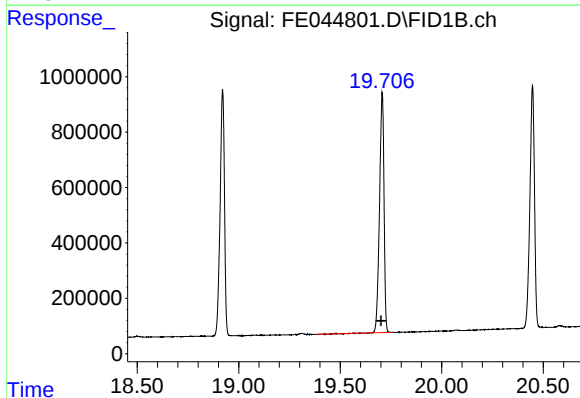
R.T.: 18.087 min
Delta R.T.: 0.005 min
Response: 13318377
Conc: 92.96 ug/ml

Instrument :
FID_E
ClientSampleId :



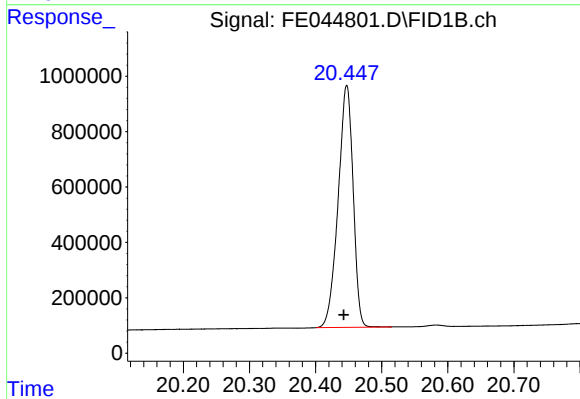
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 13315458
Conc: 92.48 ug/ml



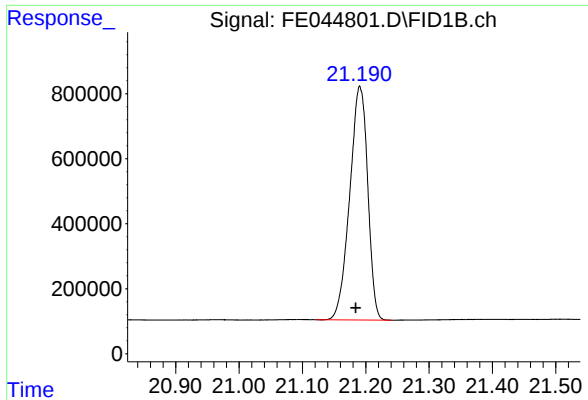
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.005 min
Response: 13321385
Conc: 93.43 ug/ml



#20 n-Hexatriacontane (C36)

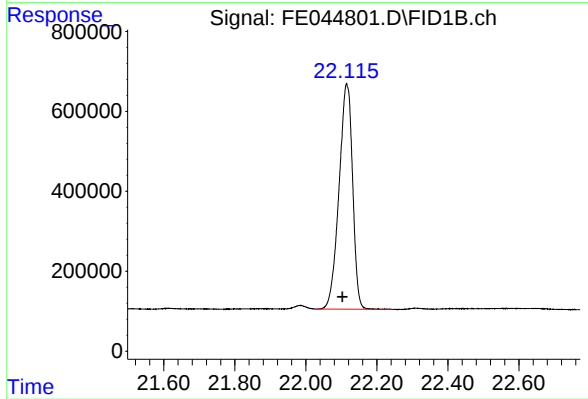
R.T.: 20.447 min
Delta R.T.: 0.004 min
Response: 13771448
Conc: 93.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: 0.007 min
Response: 14197499
Conc: 94.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: 0.011 min
Response: 14980959
Conc: 93.68 ug/ml