

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042071.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2023 20:50
 Operator : YP\AJ
 Sample : PB152919BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 04:23:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.969	9396397	53.214 ug/ml
Spiked Amount 50.000		Recovery =	106.43%
12) S 1-chlorooctadecane (S...	13.403	7554348	56.851 ug/ml
Spiked Amount 50.000		Recovery =	113.70%
Target Compounds			
1) T n-Nonane (C9)	3.359	7202435	49.948 ug/ml
2) T n-Decane (C10)	4.605	7802540	52.707 ug/ml
3) T A~Naphthalene (C11.7)	6.305	8834843	54.148 ug/ml
4) T n-Dodecane (C12)	6.767	8377626	55.868 ug/ml
5) T A~2-methylnaphthalene...	7.402	8589335	54.122 ug/ml
6) T n-Tetradecane (C14)	8.597	8524481	56.903 ug/ml
7) T n-Hexadecane (C16)	10.204	9026665	57.949 ug/ml
8) T n-Octadecane (C18)	11.649	9126588	57.714 ug/ml
10) T n-Eicosane (C20)	12.959	9208101	60.746 ug/ml
11) T n-Heneicosane (C21)	13.570	8877991	59.924 ug/ml
13) T n-Docosane (C22)	14.156	8789102	59.954 ug/ml
14) T n-Tetracosane (C24)	15.251	16929104	117.273 ug/ml
15) T n-Hexacosane (C26)	16.281	8332760	60.165 ug/ml
16) T n-Octacosane (C28)	17.230	8027290	59.957 ug/ml
17) T n-Tricontane (C30)	18.119	7744940	57.374 ug/ml
18) T n-Dotriacontane (C32)	18.948	7334406	54.902 ug/ml
19) T n-Tetratriacontane (C34)	19.732	7118830	54.131 ug/ml
20) T n-Hexatriacontane (C36)	20.472	6655021	51.203 ug/ml
21) T n-Octatriacontane (C38)	21.223	6550495	48.282 ug/ml
22) T n-Tetracontane (C40)	22.154	6571046	47.233 ug/ml

(f)=RT Delta > 1/2 Window

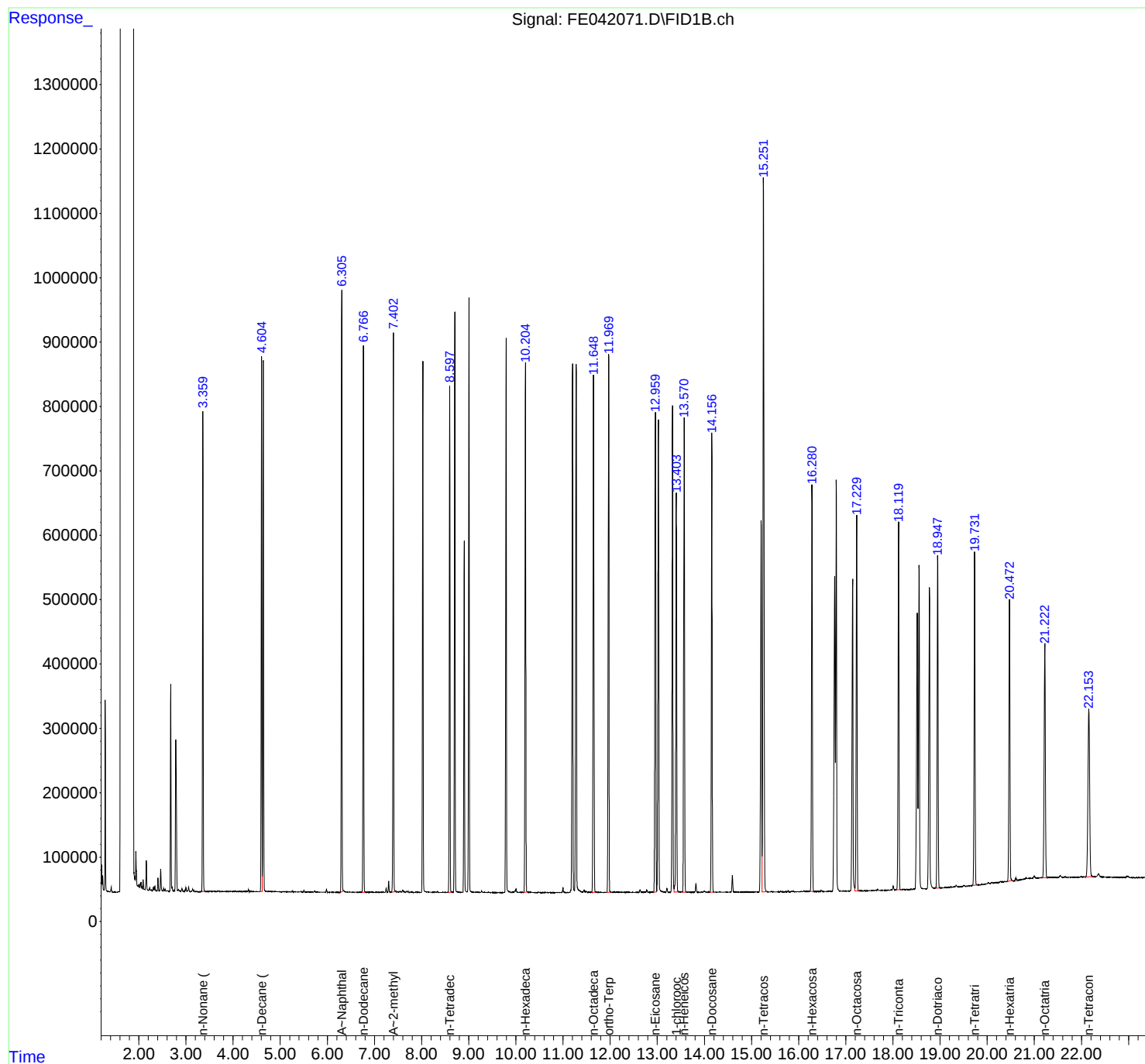
(m)=manual int.

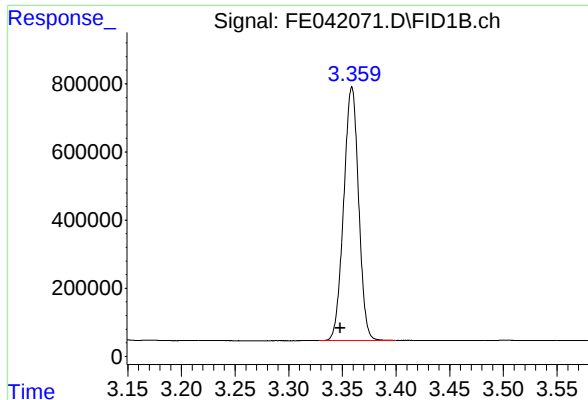
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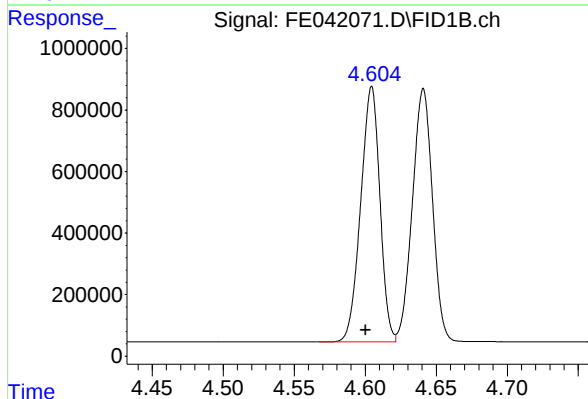
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: 0.011 min
Response: 7202435
Conc: 49.95 ug/ml

Instrument :

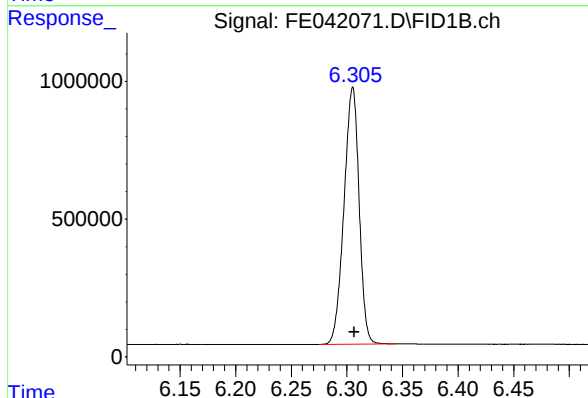
FID_E

ClientSampleId :



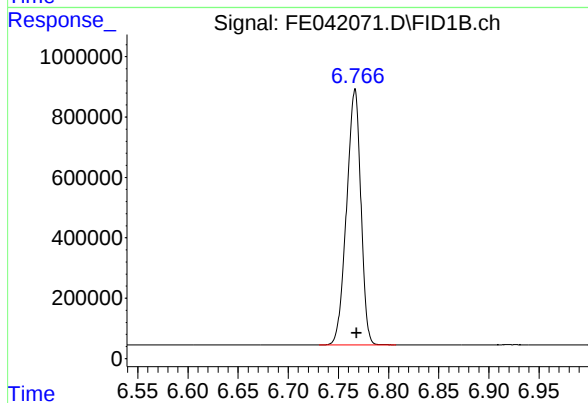
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.004 min
Response: 7802540
Conc: 52.71 ug/ml



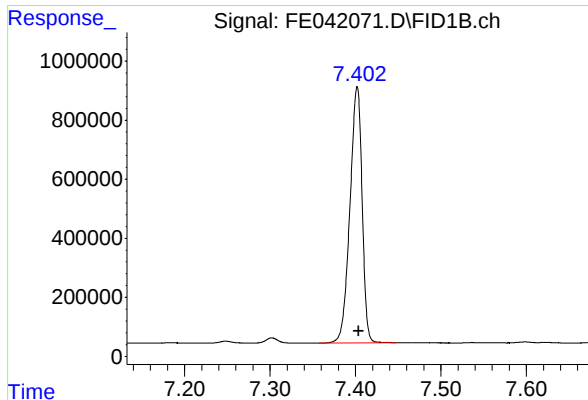
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.001 min
Response: 8834843
Conc: 54.15 ug/ml



#4 n-Dodecane (C12)

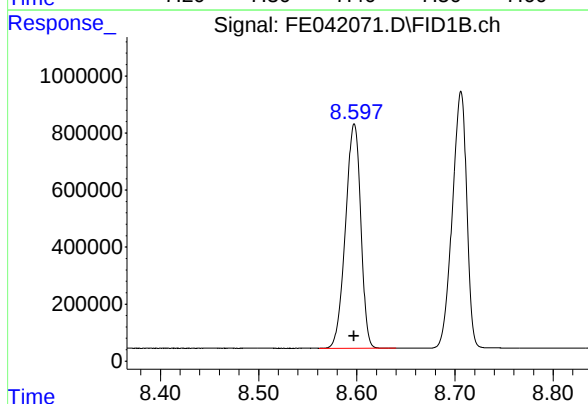
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 8377626
Conc: 55.87 ug/ml



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

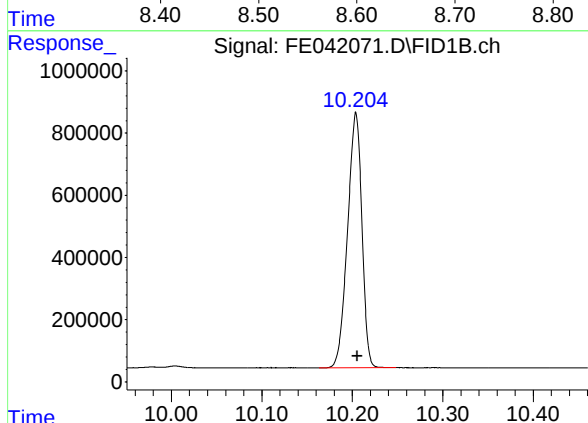
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 8589335
Conc: 54.12 ug/ml

Instrument :
FID_E
ClientSampleId :



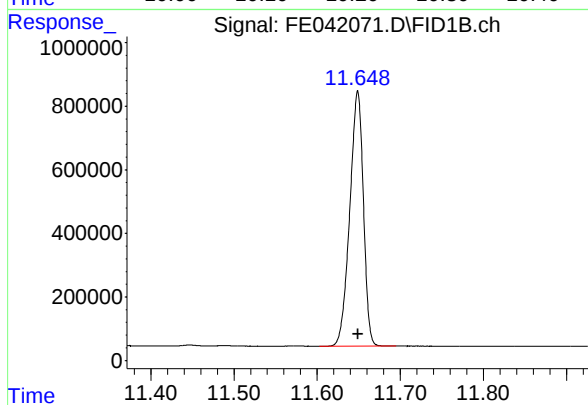
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 8524481
Conc: 56.90 ug/ml



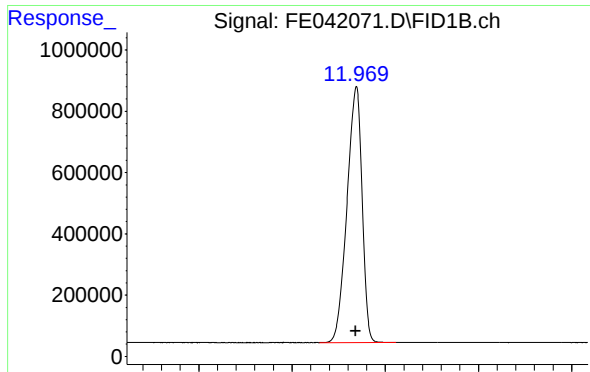
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.001 min
Response: 9026665
Conc: 57.95 ug/ml



#8 n-Octadecane (C18)

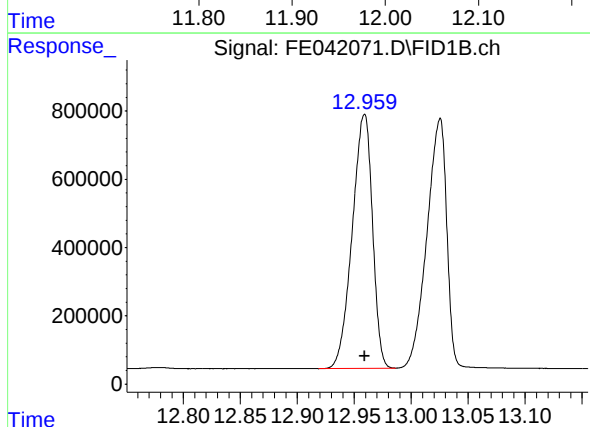
R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 9126588
Conc: 57.71 ug/ml



#9 ortho-Terphenyl (SURR)

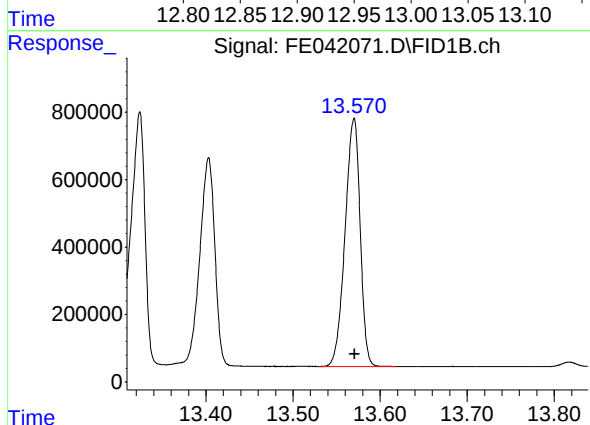
R.T.: 11.969 min
Delta R.T.: 0.000 min
Response: 9396397
Conc: 53.21 ug/ml

Instrument :
FID_E
ClientSampleId :



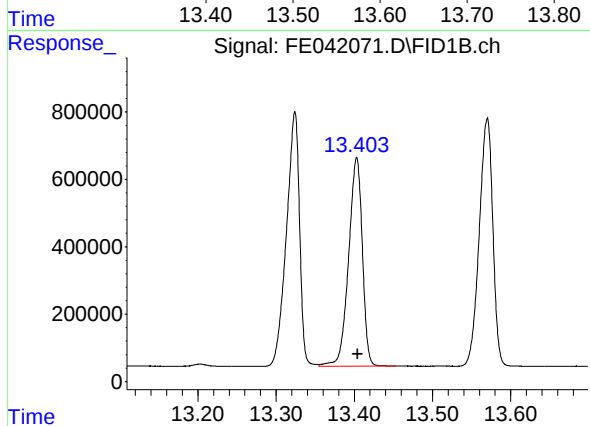
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 9208101
Conc: 60.75 ug/ml



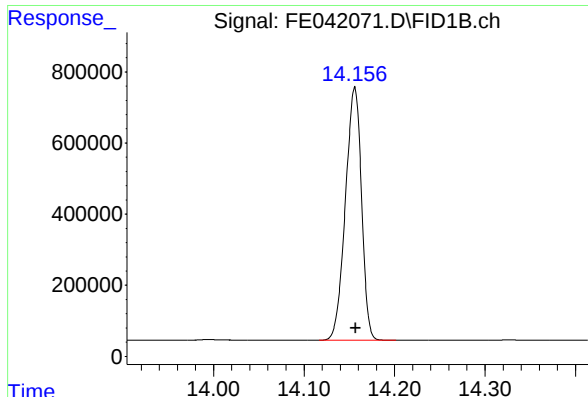
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: 0.000 min
Response: 8877991
Conc: 59.92 ug/ml



#12 1-chlorooctadecane (SURR)

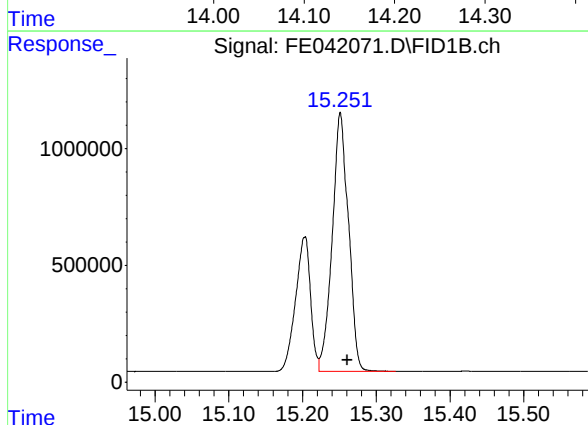
R.T.: 13.403 min
Delta R.T.: -0.001 min
Response: 7554348
Conc: 56.85 ug/ml



#13 n-Docosane (C22)

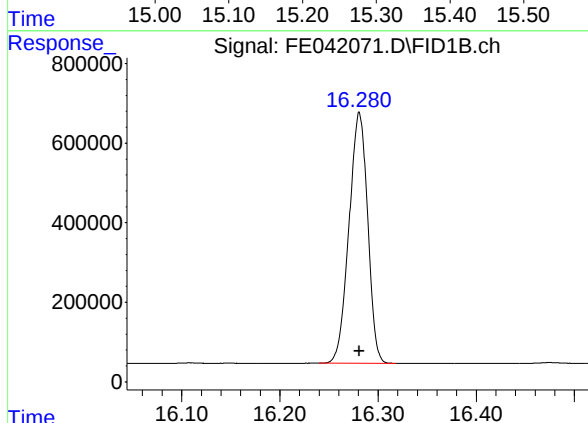
R.T.: 14.156 min
Delta R.T.: -0.001 min
Response: 8789102
Conc: 59.95 ug/ml

Instrument :
FID_E
ClientSampleId :



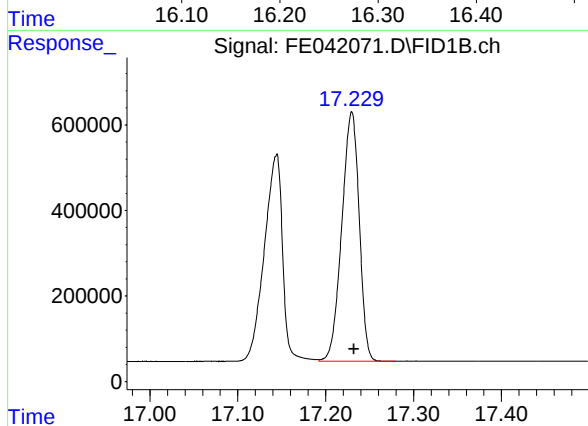
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.010 min
Response: 16929104
Conc: 117.27 ug/ml



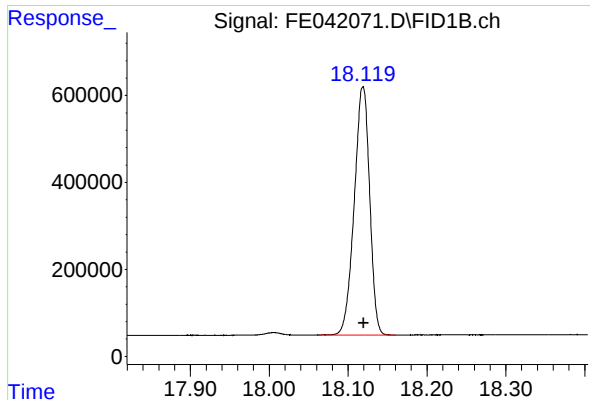
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.000 min
Response: 8332760
Conc: 60.17 ug/ml



#16 n-Octacosane (C28)

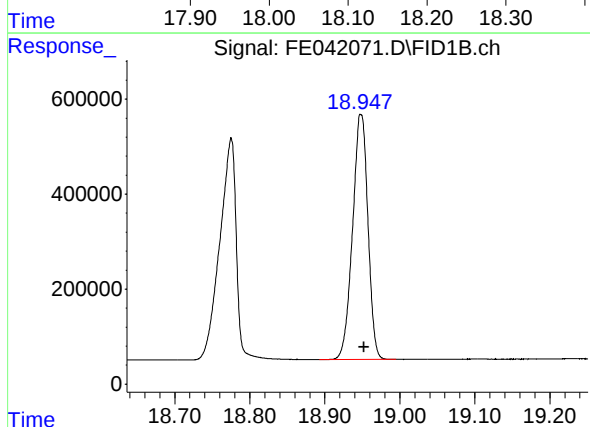
R.T.: 17.230 min
Delta R.T.: -0.002 min
Response: 8027290
Conc: 59.96 ug/ml



#17 n-Tricontane (C30)

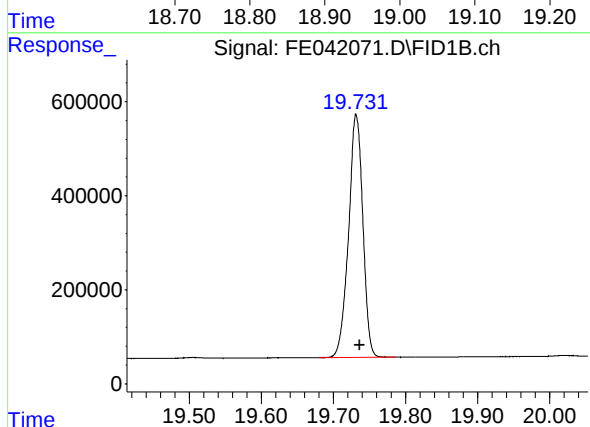
R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 7744940
Conc: 57.37 ug/ml

Instrument :
FID_E
ClientSampleId :



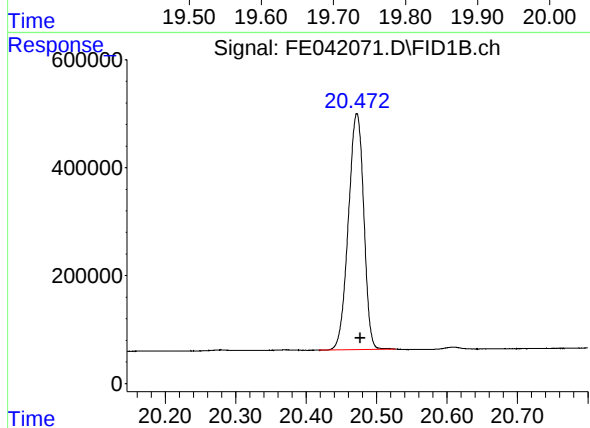
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.004 min
Response: 7334406
Conc: 54.90 ug/ml



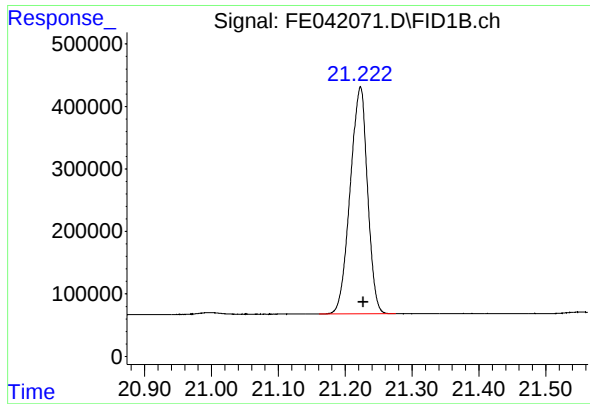
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.005 min
Response: 7118830
Conc: 54.13 ug/ml



#20 n-Hexatriacontane (C36)

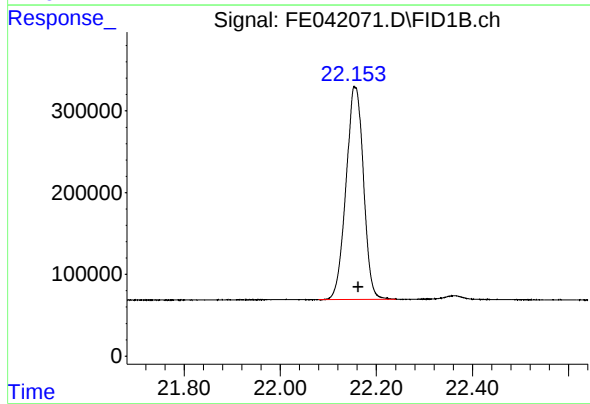
R.T.: 20.472 min
Delta R.T.: -0.005 min
Response: 6655021
Conc: 51.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.004 min
Response: 6550495
Conc: 48.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.009 min
Response: 6571046
Conc: 47.23 ug/ml