

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042156.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 22:00
 Operator : YP\AJ
 Sample : 02868-30MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 02:37:02 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)	11.959	7177736	40.649 ug/ml
Spiked Amount 50.000		Recovery =	81.30%
12) S 1-chlorooctadecane (S...	13.393	5336302	40.159 ug/ml
Spiked Amount 50.000		Recovery =	80.32%
Target Compounds			
1) T n-Nonane (C9)	3.346	4811476	33.367 ug/ml
2) T n-Decane (C10)	4.595	5444794	36.780 ug/ml
3) T A~Naphthalene (C11.7)	6.298	6170774	37.820 ug/ml
4) T n-Dodecane (C12)	6.760	5888739	39.270 ug/ml
5) T A~2-methylnaphthalene...	7.394	6074312	38.275 ug/ml
6) T n-Tetradecane (C14)	8.590	6164710	41.151 ug/ml
7) T n-Hexadecane (C16)	10.197	6934385	44.517 ug/ml
8) T n-Octadecane (C18)	11.640	7354725	46.509 ug/ml
10) T n-Eicosane (C20)	12.949	7481609	49.357 ug/ml
11) T n-Heneicosane (C21)	13.561	7194872	48.564 ug/ml
13) T n-Docosane (C22)	14.147	7097839	48.417 ug/ml
14) T n-Tetracosane (C24)	15.238	13408924	92.888 ug/ml
15) T n-Hexacosane (C26)	16.271	6632340	47.888 ug/ml
16) T n-Octacosane (C28)	17.219	6305536	47.097 ug/ml
17) T n-Tricontane (C30)	18.108	6126706	45.386 ug/ml
18) T n-Dotriacontane (C32)	18.938	5933068	44.412 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5814556	44.214 ug/ml
20) T n-Hexatriacontane (C36)	20.462	5514164	42.425 ug/ml
21) T n-Octatriacontane (C38)	21.209	5498871	40.530 ug/ml
22) T n-Tetracontane (C40)	22.142	5545821	39.864 ug/ml

(f)=RT Delta > 1/2 Window

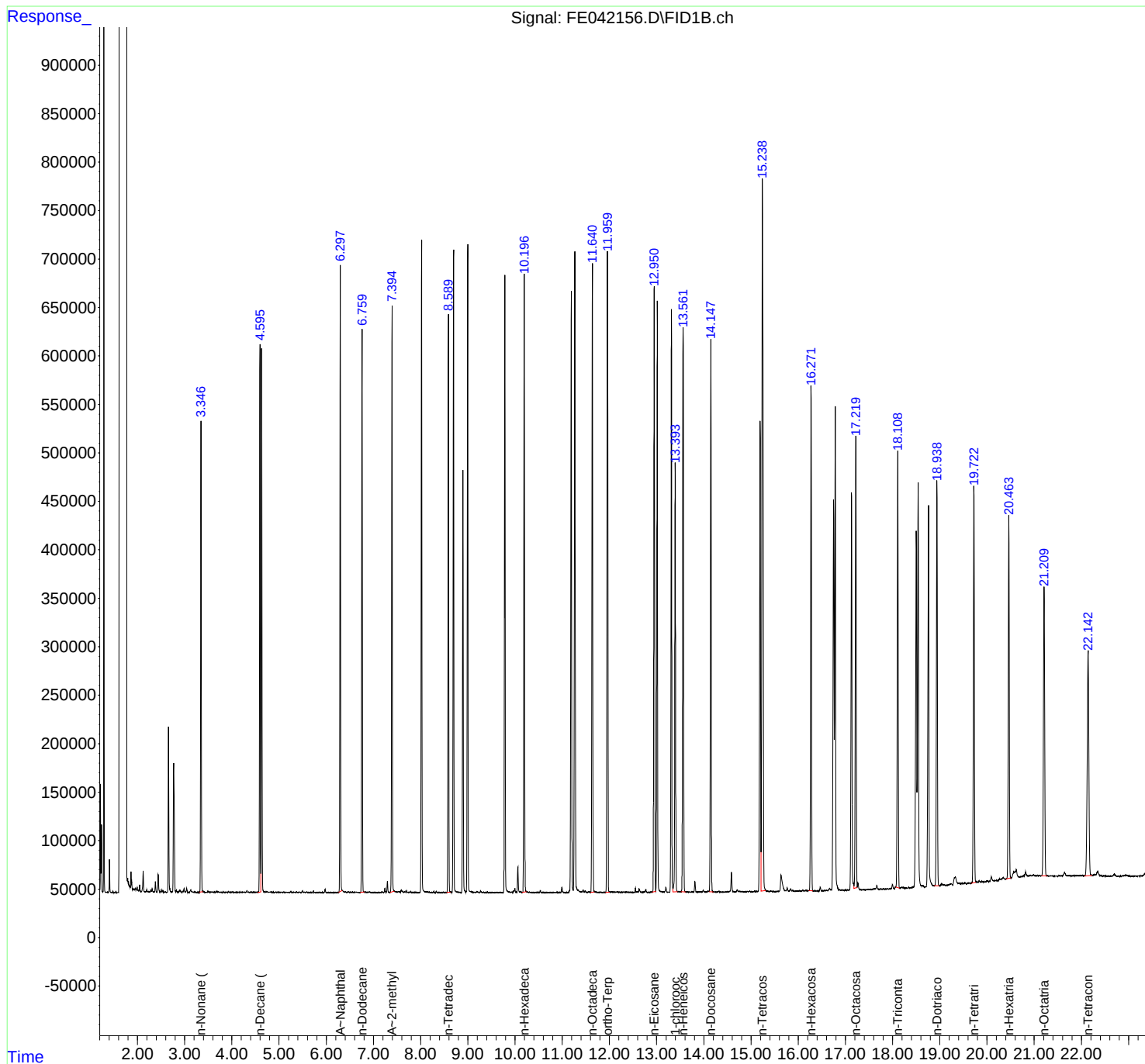
(m)=manual int.

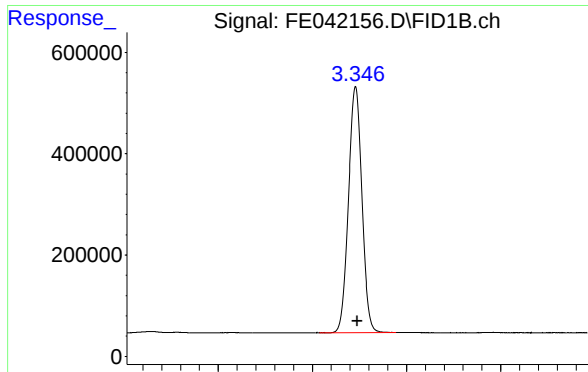
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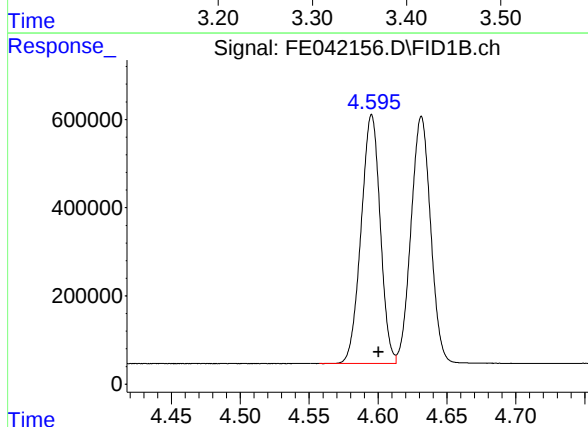




#1 n-Nonane (C9)

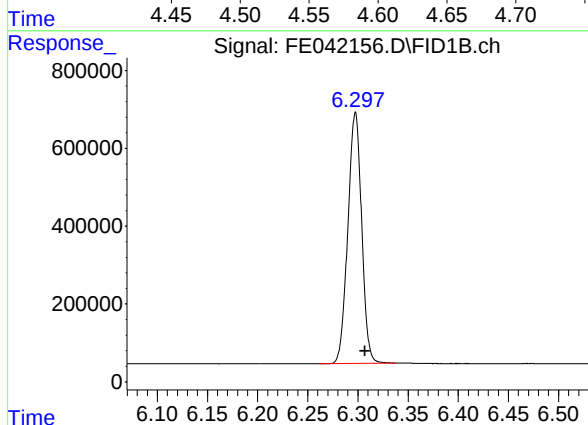
R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 4811476
Conc: 33.37 ug/ml

Instrument :
FID_E
ClientSampleId :



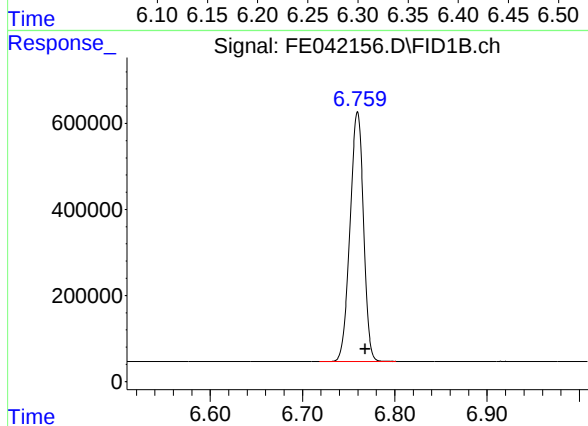
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 5444794
Conc: 36.78 ug/ml



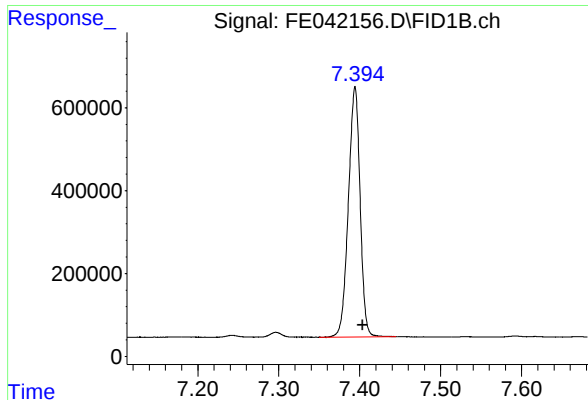
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 6170774
Conc: 37.82 ug/ml



#4 n-Dodecane (C12)

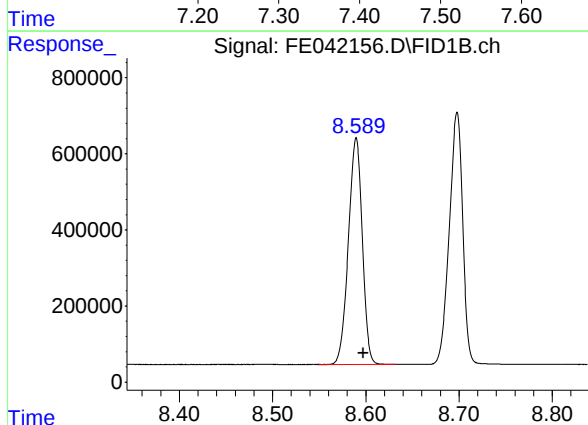
R.T.: 6.760 min
Delta R.T.: -0.009 min
Response: 5888739
Conc: 39.27 ug/ml



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

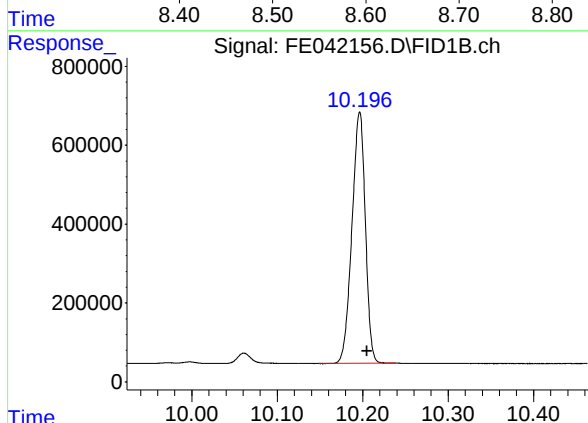
R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 6074312
Conc: 38.27 ug/ml

Instrument :
FID_E
ClientSampleId :



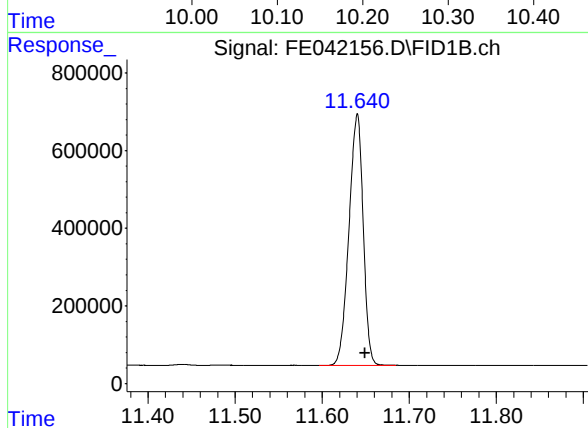
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.008 min
Response: 6164710
Conc: 41.15 ug/ml



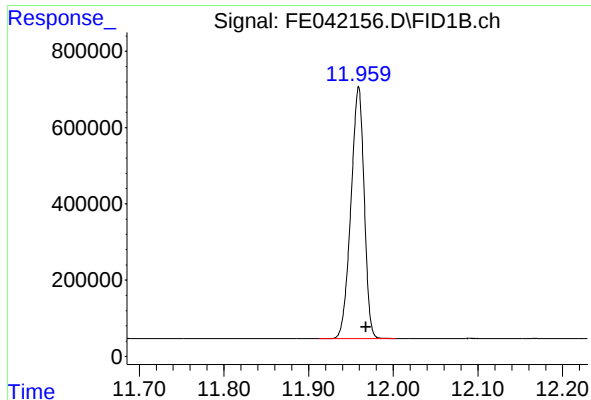
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.009 min
Response: 6934385
Conc: 44.52 ug/ml



#8 n-Octadecane (C18)

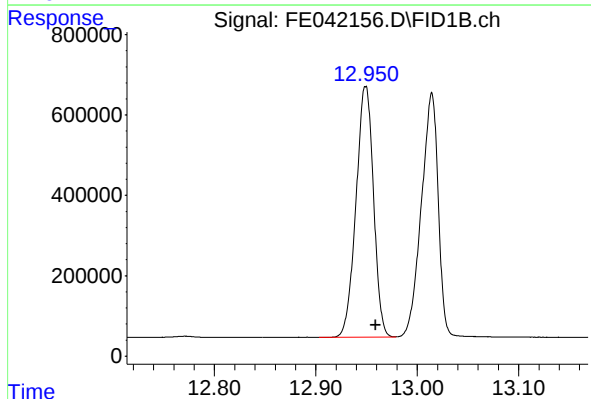
R.T.: 11.640 min
Delta R.T.: -0.009 min
Response: 7354725
Conc: 46.51 ug/ml



#9 ortho-Terphenyl (SURR)

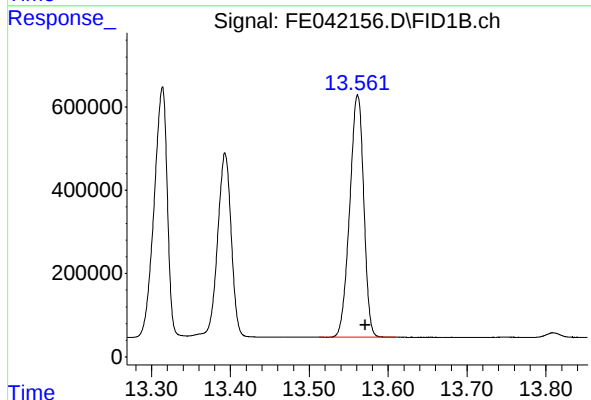
R.T.: 11.959 min
Delta R.T.: -0.009 min
Response: 7177736
Conc: 40.65 ug/ml

Instrument :
FID_E
ClientSampleId :



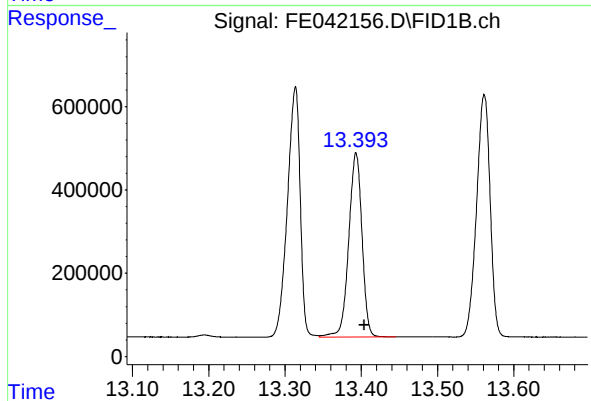
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.010 min
Response: 7481609
Conc: 49.36 ug/ml



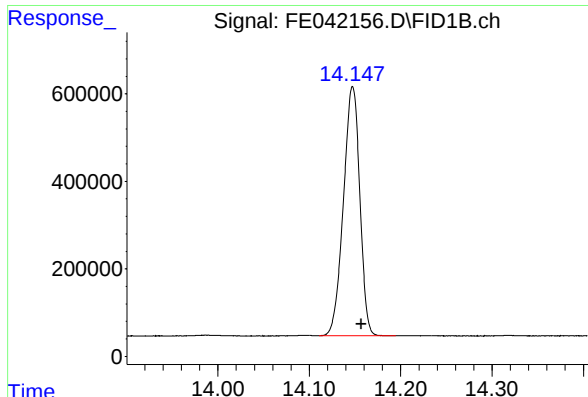
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 7194872
Conc: 48.56 ug/ml



#12 1-chlorooctadecane (SURR)

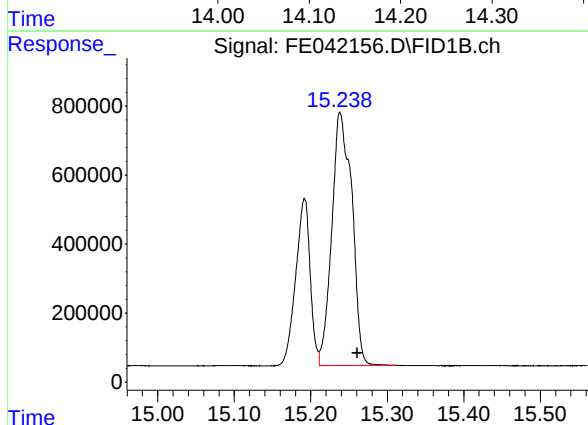
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 5336302
Conc: 40.16 ug/ml



#13 n-Docosane (C22)

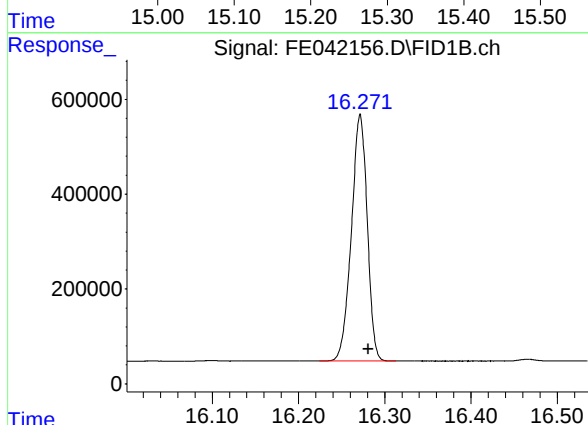
R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 7097839
Conc: 48.42 ug/ml

Instrument :
FID_E
ClientSampleId :



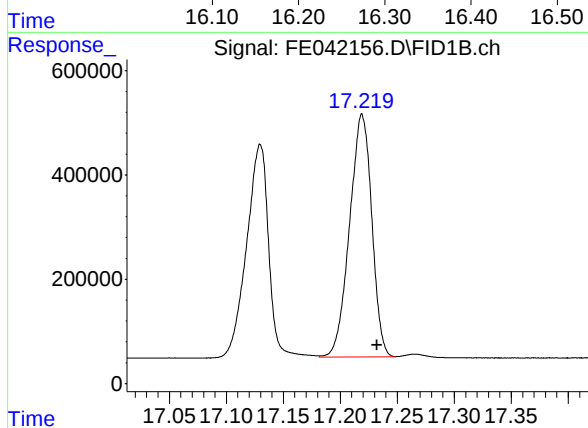
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.022 min
Response: 13408924
Conc: 92.89 ug/ml



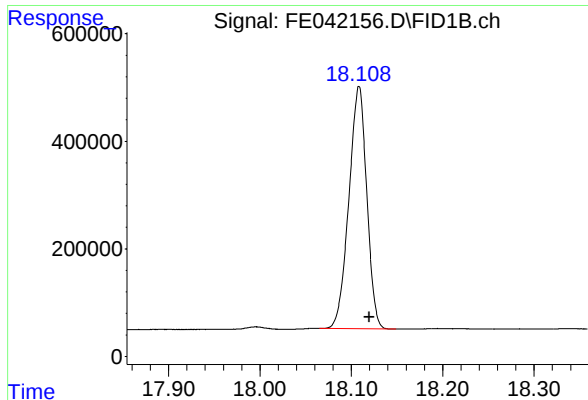
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.010 min
Response: 6632340
Conc: 47.89 ug/ml



#16 n-Octacosane (C28)

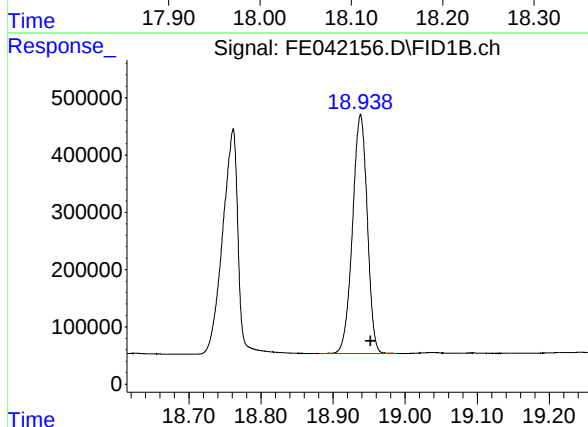
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 6305536
Conc: 47.10 ug/ml



#17 n-Tricontane (C30)

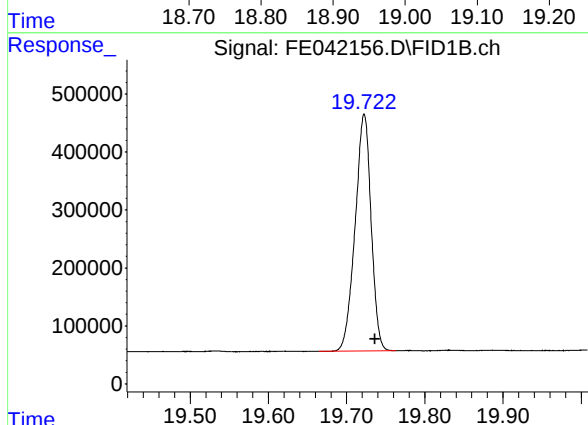
R.T.: 18.108 min
Delta R.T.: -0.011 min
Response: 6126706
Conc: 45.39 ug/ml

Instrument :
FID_E
ClientSampleId :



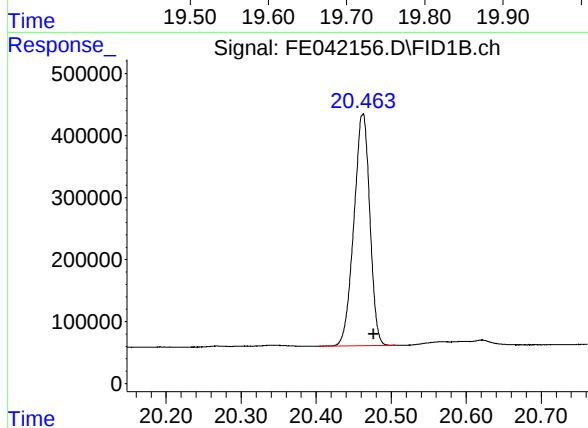
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 5933068
Conc: 44.41 ug/ml



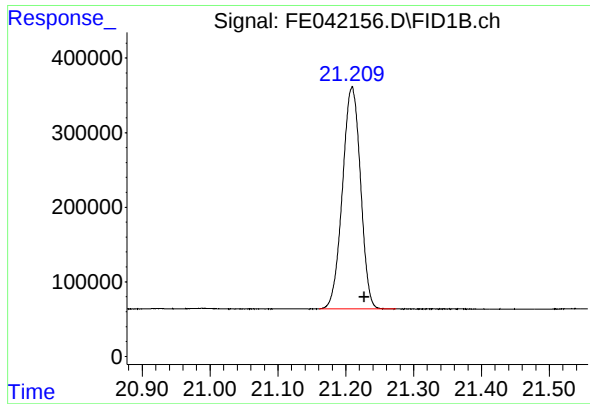
#19 n-Tetatriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.014 min
Response: 5814556
Conc: 44.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.015 min
Response: 5514164
Conc: 42.43 ug/ml



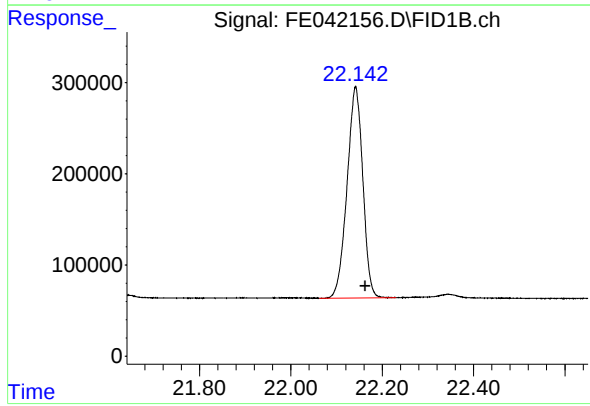
#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 5498871
Conc: 40.53 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 5545821
Conc: 39.86 ug/ml