

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081822AL\
 Data File : FE037181.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2022 02:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 19 04:31:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 12 07:36:15 2022
 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)	11.812	3406046	18.518 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	13.250	2676500	18.339 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T n-Nonane (C9)	3.207	3089228	20.099 ug/ml
2) T n-Decane (C10)	4.460	3094718	20.248 ug/ml
3) T A~Naphthalene (C11.7)	6.161	3275091	19.905 ug/ml
4) T n-Dodecane (C12)	6.628	3128121	20.029 ug/ml
5) T A~2-methylnaphthalene...	7.256	3227553	19.886 ug/ml
6) T n-Tetradecane (C14)	8.453	3108397	19.670 ug/ml
7) T n-Hexadecane (C16)	10.059	3108570	19.546 ug/ml
8) T n-Octadecane (C18)	11.500	3141164	19.132 ug/ml
10) T n-Eicosane (C20)	12.807	3064243	18.665 ug/ml
11) T n-Heneicosane (C21)	13.418	3037005	18.479 ug/ml
13) T n-Docosane (C22)	14.004	2973071	18.273 ug/ml
14) T n-Tetracosane (C24)	15.105	2891421	17.890 ug/ml
15) T n-Hexacosane (C26)	16.126	2793899	17.613 ug/ml
16) T n-Octacosane (C28)	17.076	2753456	17.715 ug/ml
17) T n-Tricontane (C30)	17.962	2700441	18.517 ug/ml
18) T n-Dotriacontane (C32)	18.793	2287148	19.682 ug/ml
19) T n-Tetratriacontane (C34)	19.577	1694281	20.560 ug/ml
20) T n-Hexatriacontane (C36)	20.317	1292185	21.390 ug/ml
21) T n-Octatriacontane (C38)	21.038	1119901	21.959 ug/ml
22) T n-Tetracontane (C40)	21.905	1078672	22.411 ug/ml

(f)=RT Delta > 1/2 Window

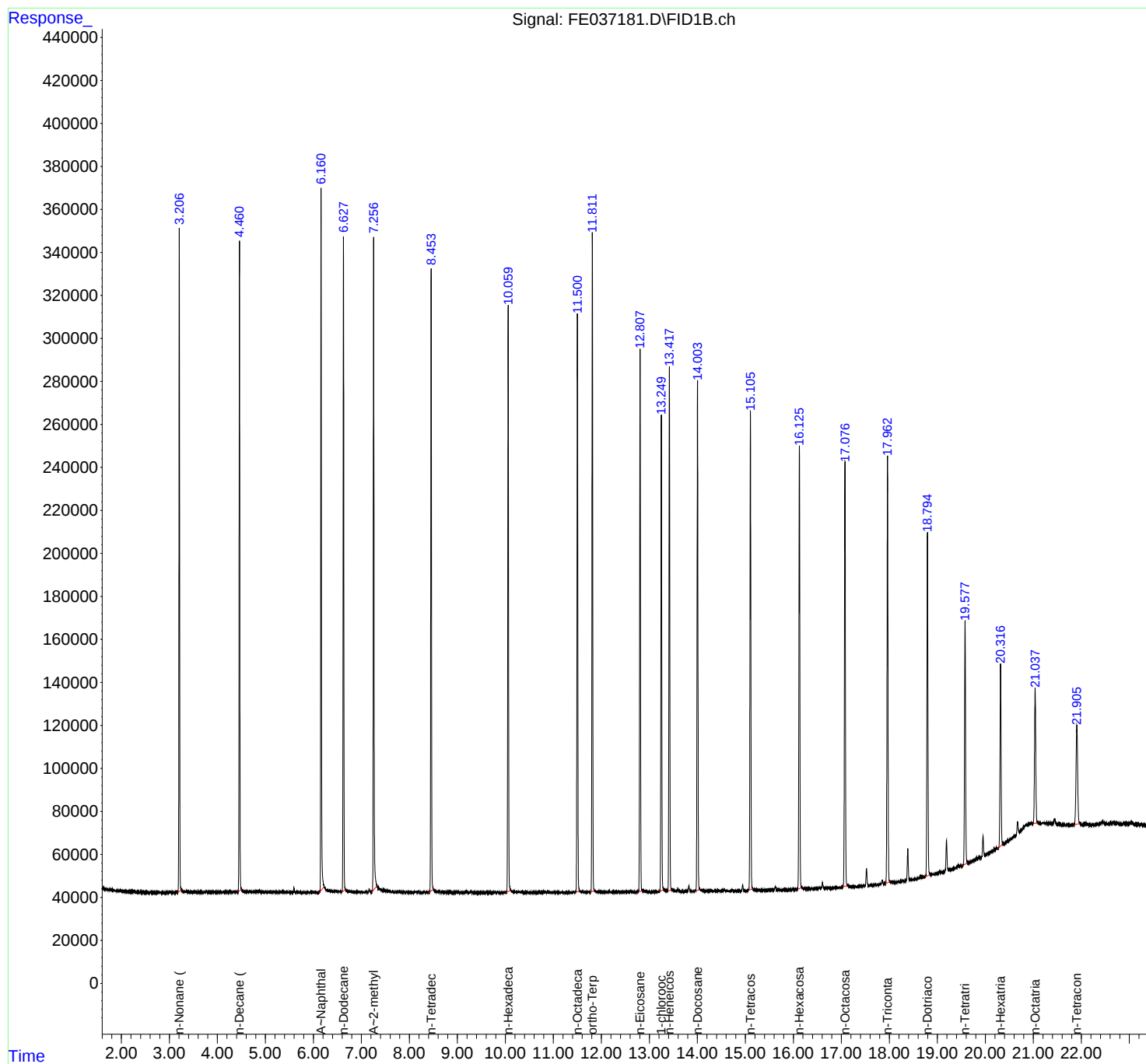
(m)=manual int.

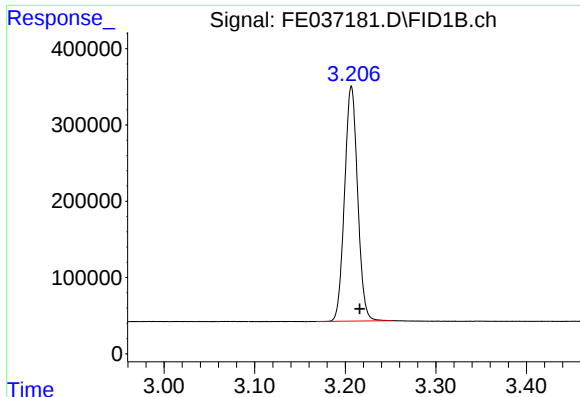
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081822AL\
Data File : FE037181.D
Signal(s) : FID1B.ch
Acq On : 19 Aug 2022 02:09
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 19 04:31:48 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
Quant Title : GC Extractables
QLast Update : Fri Aug 12 07:36:15 2022
Response via : Initial Calibration
Integrator: ChemStation

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

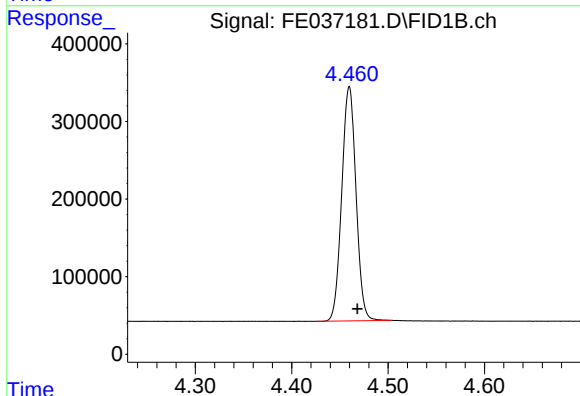




#1 n-Nonane (C9)

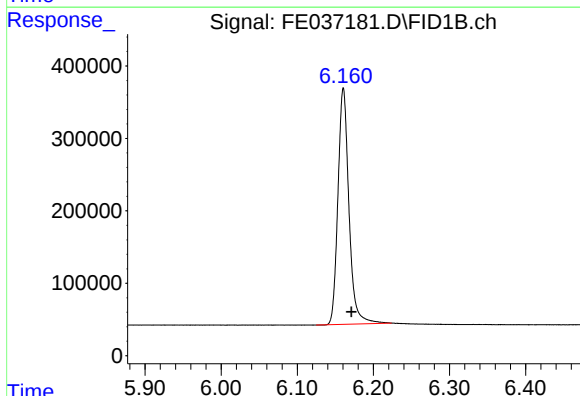
R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 3089228
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



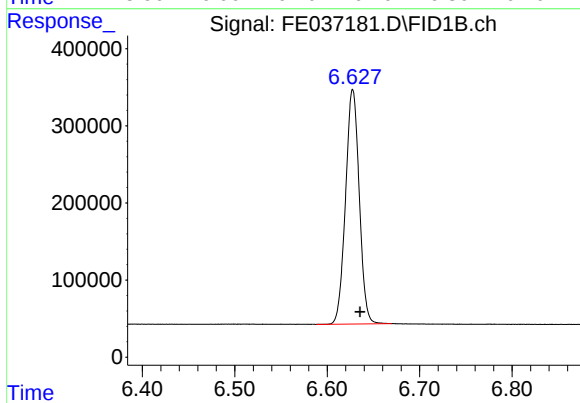
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: -0.008 min
Response: 3094718
Conc: 20.25 ug/ml



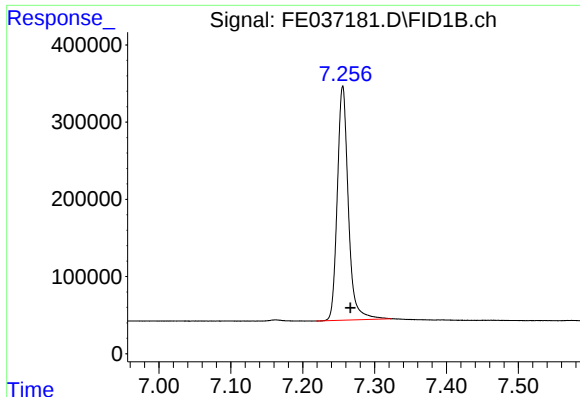
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.011 min
Response: 3275091
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

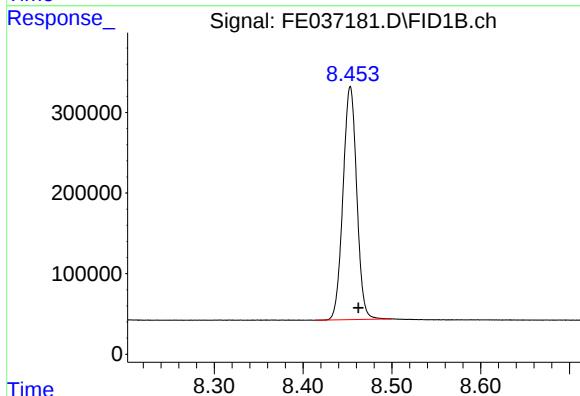
R.T.: 6.628 min
Delta R.T.: -0.008 min
Response: 3128121
Conc: 20.03 ug/ml



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

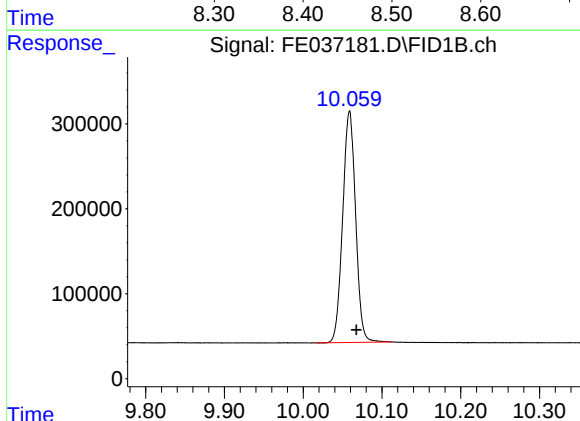
R.T.: 7.256 min
Delta R.T.: -0.011 min
Response: 3227553
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



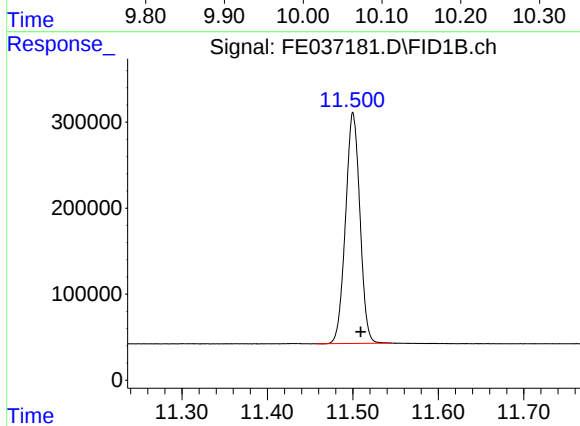
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 3108397
Conc: 19.67 ug/ml



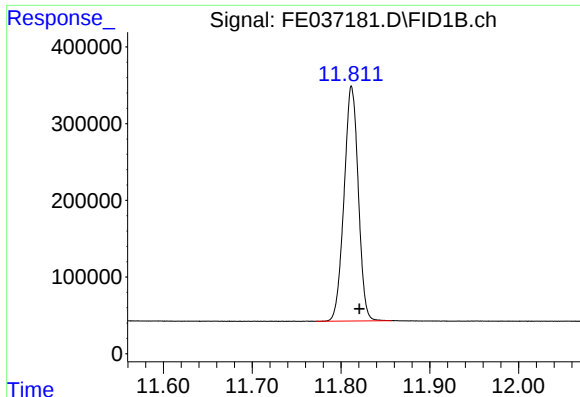
#7 n-Hexadecane (C16)

R.T.: 10.059 min
Delta R.T.: -0.009 min
Response: 3108570
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

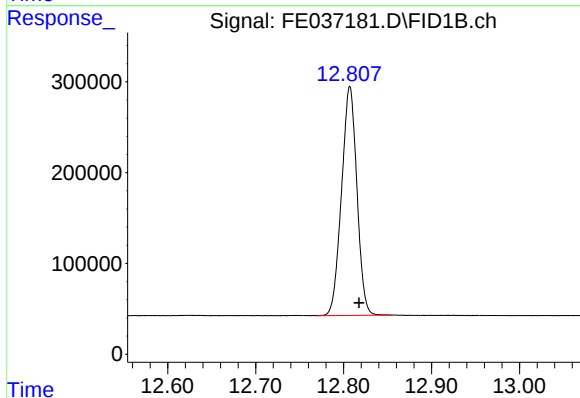
R.T.: 11.500 min
Delta R.T.: -0.009 min
Response: 3141164
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

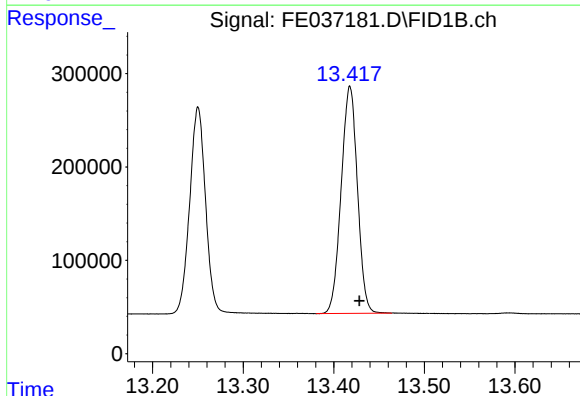
R.T.: 11.812 min
Delta R.T.: -0.009 min
Response: 3406046
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



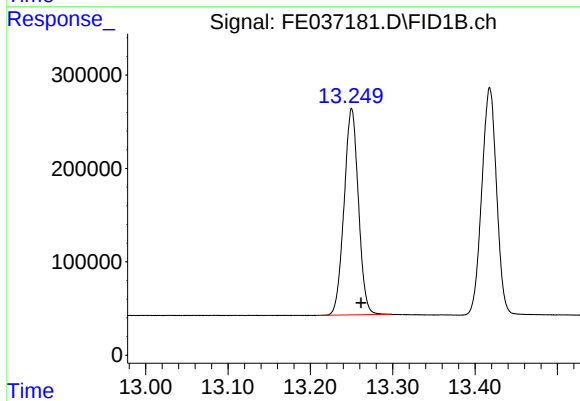
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: -0.011 min
Response: 3064243
Conc: 18.66 ug/ml



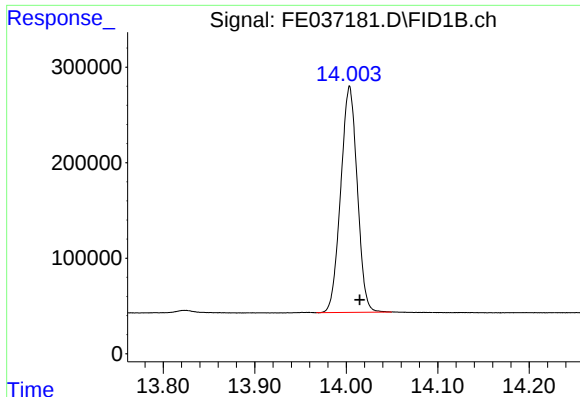
#11 n-Heneicosane (C21)

R.T.: 13.418 min
Delta R.T.: -0.010 min
Response: 3037005
Conc: 18.48 ug/ml



#12 1-chlorooctadecane (SURR)

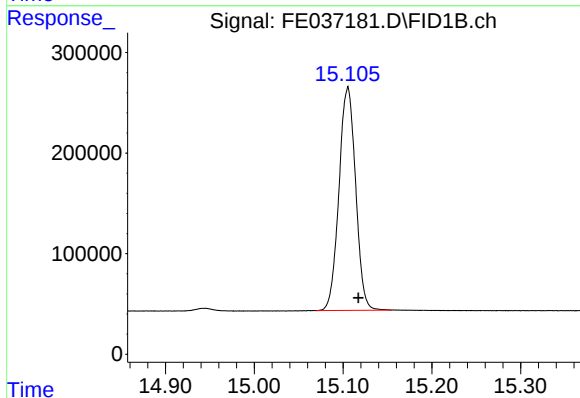
R.T.: 13.250 min
Delta R.T.: -0.011 min
Response: 2676500
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

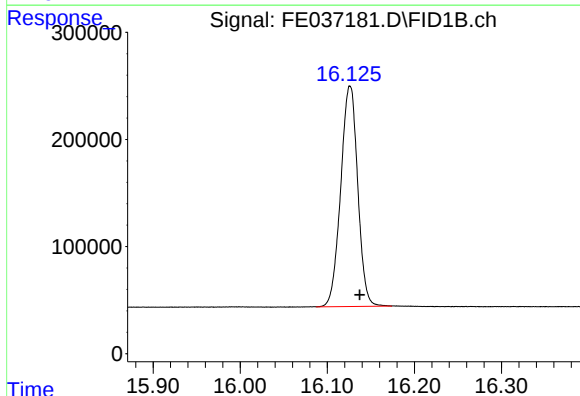
R.T.: 14.004 min
Delta R.T.: -0.011 min
Response: 2973071
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



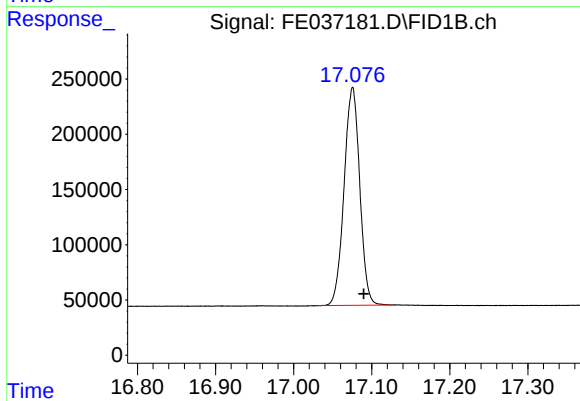
#14 n-Tetracosane (C24)

R.T.: 15.105 min
Delta R.T.: -0.012 min
Response: 2891421
Conc: 17.89 ug/ml



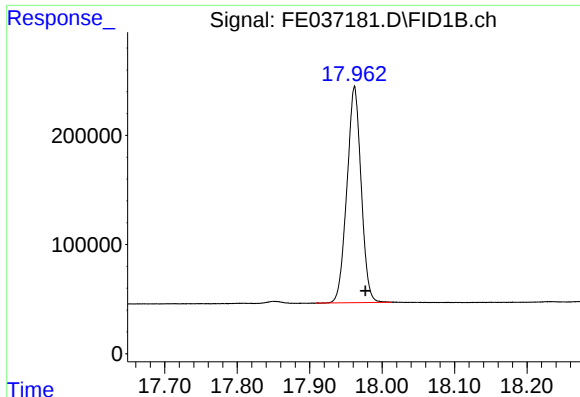
#15 n-Hexacosane (C26)

R.T.: 16.126 min
Delta R.T.: -0.011 min
Response: 2793899
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

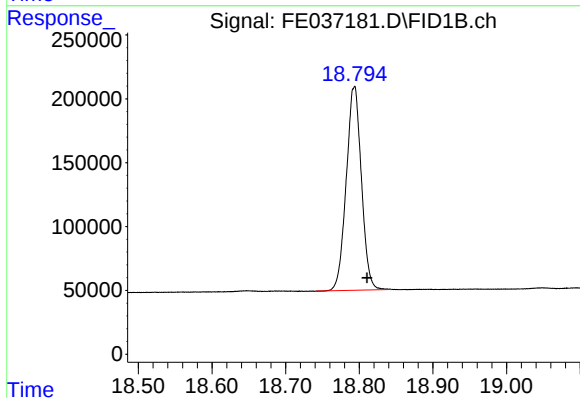
R.T.: 17.076 min
Delta R.T.: -0.014 min
Response: 2753456
Conc: 17.71 ug/ml



#17 n-Tricontane (C30)

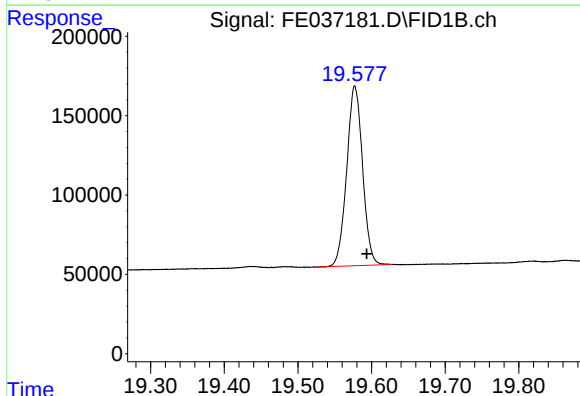
R.T.: 17.962 min
Delta R.T.: -0.015 min
Response: 2700441
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



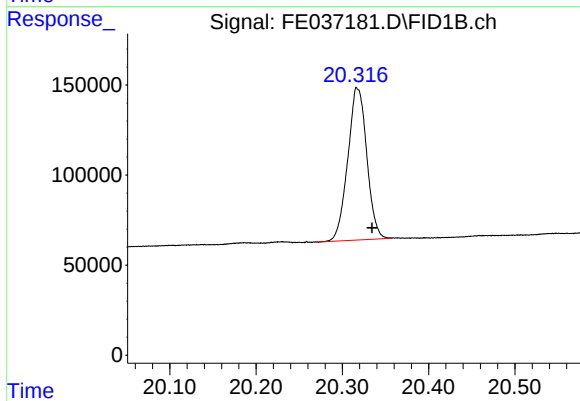
#18 n-Dotriacontane (C32)

R.T.: 18.793 min
Delta R.T.: -0.017 min
Response: 2287148
Conc: 19.68 ug/ml



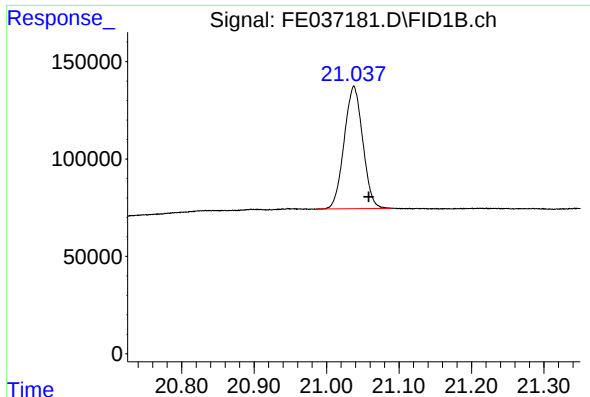
#19 n-Tetratriacontane (C34)

R.T.: 19.577 min
Delta R.T.: -0.017 min
Response: 1694281
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

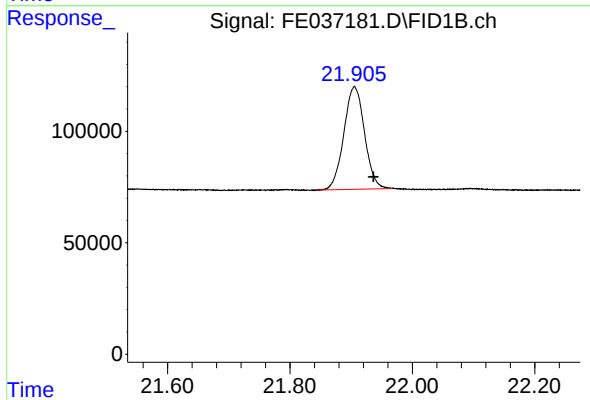
R.T.: 20.317 min
Delta R.T.: -0.017 min
Response: 1292185
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.021 min
Response: 1119901
Conc: 21.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: -0.031 min
Response: 1078672
Conc: 22.41 ug/ml