

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081922AL\
 Data File : FE037192.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2022 16:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 17:49:40 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)	11.810	3333854	18.125 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
12) S 1-chlorooctadecane (S...	13.249	2632983	18.041 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
Target Compounds			
1) T n-Nonane (C9)	3.205	3056358	19.885 ug/ml
2) T n-Decane (C10)	4.458	3085870	20.190 ug/ml
3) T A~Naphthalene (C11.7)	6.159	3367503	20.466 ug/ml
4) T n-Dodecane (C12)	6.627	3155245	20.203 ug/ml
5) T A~2-methylnaphthalene...	7.255	3321782	20.467 ug/ml
6) T n-Tetradecane (C14)	8.452	3127752	19.792 ug/ml
7) T n-Hexadecane (C16)	10.058	3098677	19.483 ug/ml
8) T n-Octadecane (C18)	11.499	3094986	18.851 ug/ml
10) T n-Eicosane (C20)	12.807	2990326	18.214 ug/ml
11) T n-Heneicosane (C21)	13.418	2977753	18.118 ug/ml
13) T n-Docosane (C22)	14.003	2930029	18.008 ug/ml
14) T n-Tetracosane (C24)	15.105	2864744	17.725 ug/ml
15) T n-Hexacosane (C26)	16.125	2769859	17.462 ug/ml
16) T n-Octacosane (C28)	17.073	2741921	17.641 ug/ml
17) T n-Tricontane (C30)	17.962	2733352	18.742 ug/ml
18) T n-Dotriacontane (C32)	18.793	2313082	19.905 ug/ml
19) T n-Tetratriacontane (C34)	19.576	1745577	21.182 ug/ml
20) T n-Hexatriacontane (C36)	20.316	1493406	24.720 ug/ml
21) T n-Octatriacontane (C38)	21.037	2362600	46.325 ug/ml
22) T n-Tetracontane (C40)	21.906	1397216	29.029 ug/ml

(f)=RT Delta > 1/2 Window

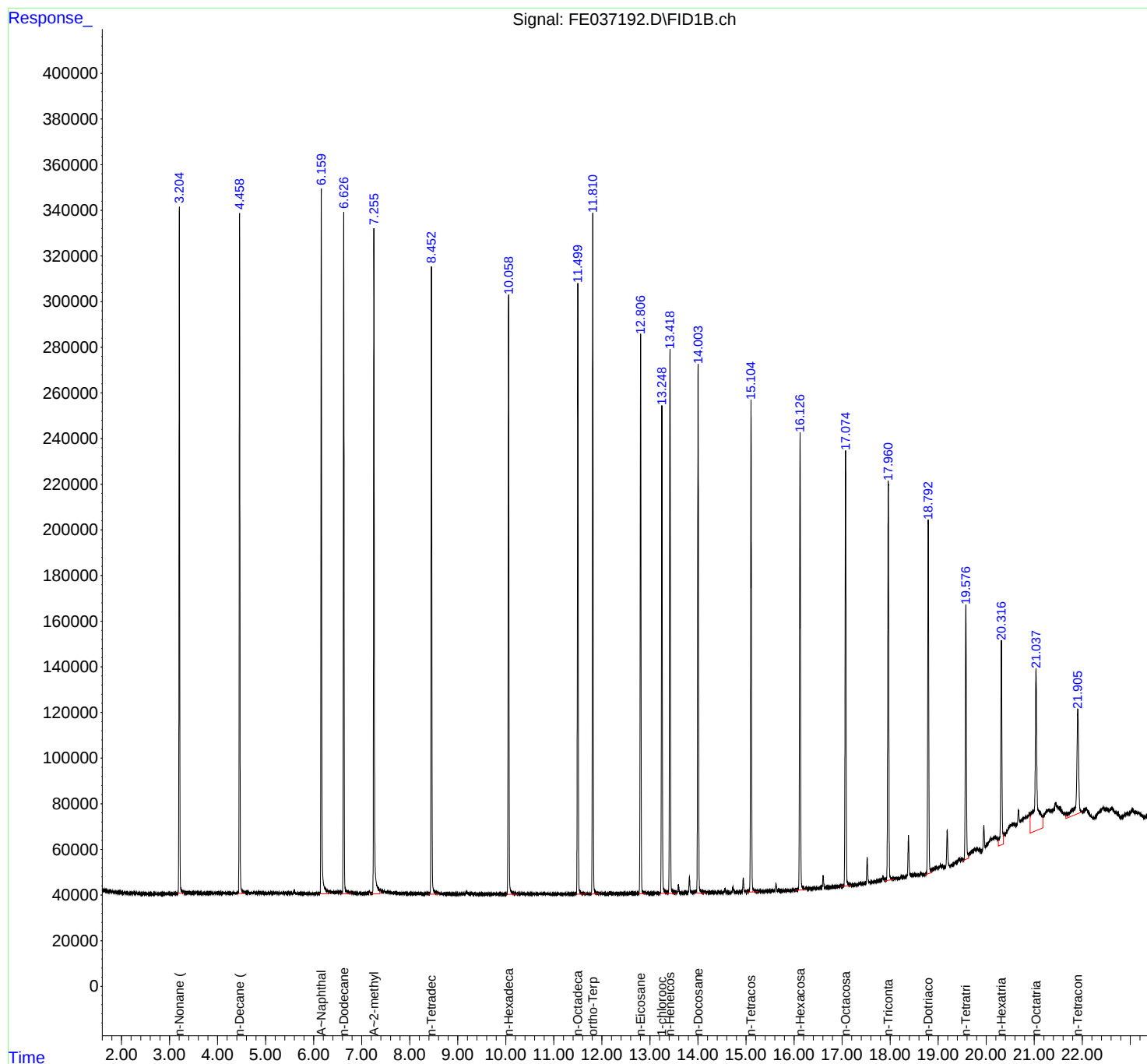
(m)=manual int.

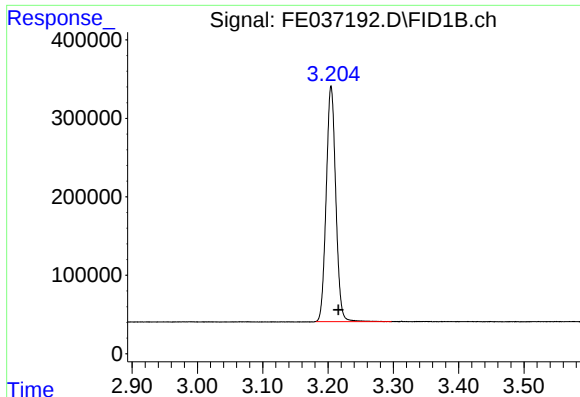
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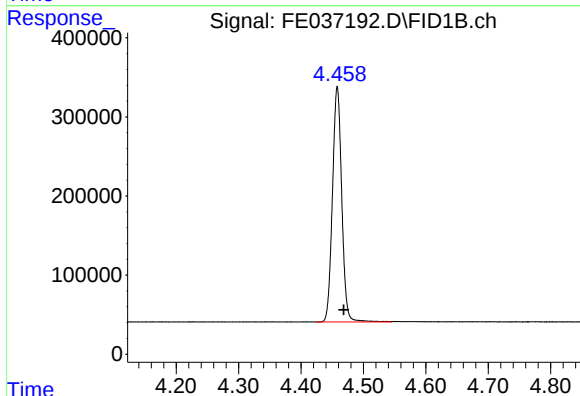




#1 n-Nonane (C9)

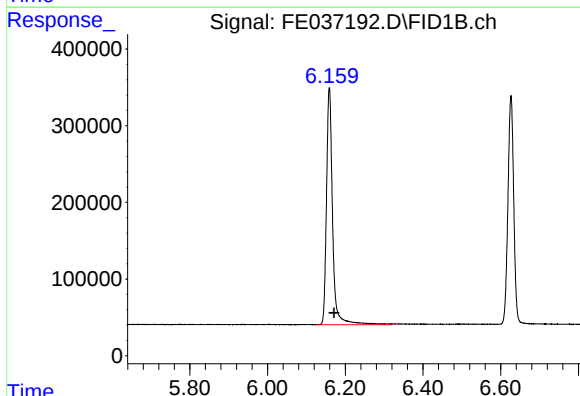
R.T.: 3.205 min
Delta R.T.: -0.011 min
Response: 3056358
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :



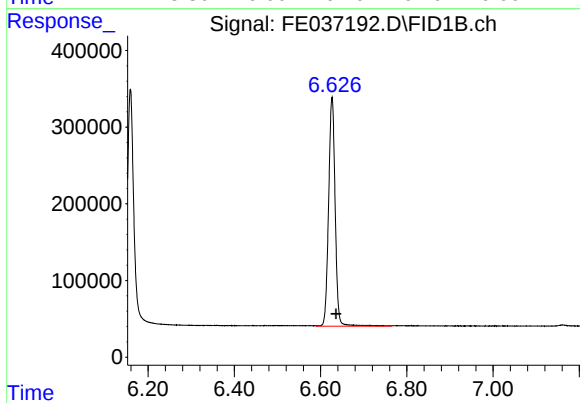
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.010 min
Response: 3085870
Conc: 20.19 ug/ml



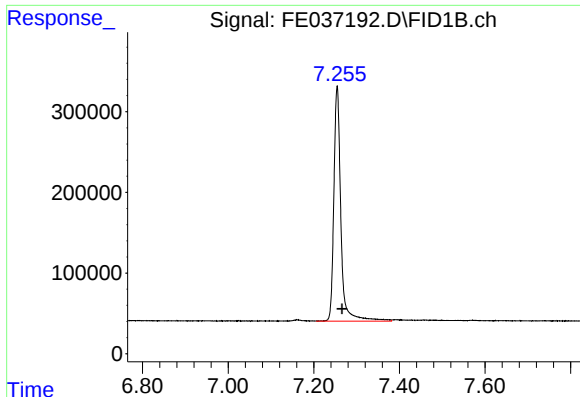
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.012 min
Response: 3367503
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

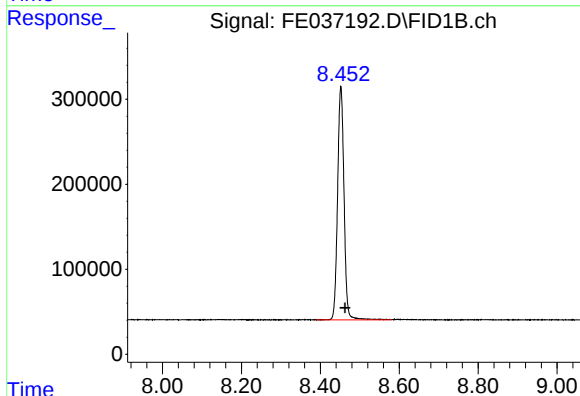
R.T.: 6.627 min
Delta R.T.: -0.009 min
Response: 3155245
Conc: 20.20 ug/ml



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

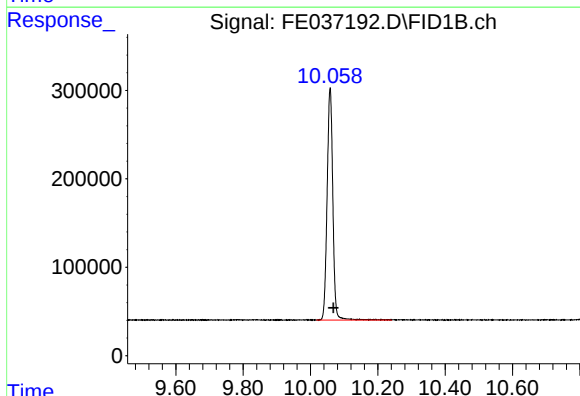
R.T.: 7.255 min
Delta R.T.: -0.012 min
Response: 3321782
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :



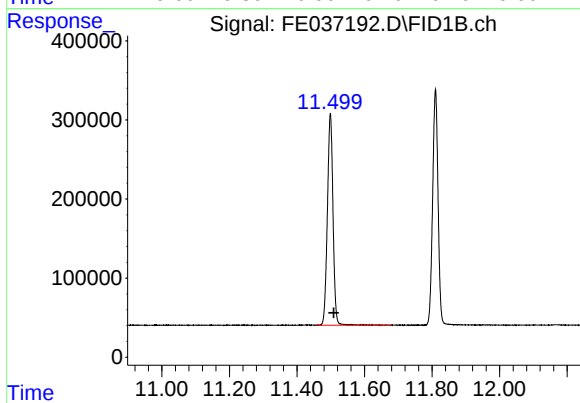
#6 n-Tetradecane (C14)

R.T.: 8.452 min
Delta R.T.: -0.010 min
Response: 3127752
Conc: 19.79 ug/ml



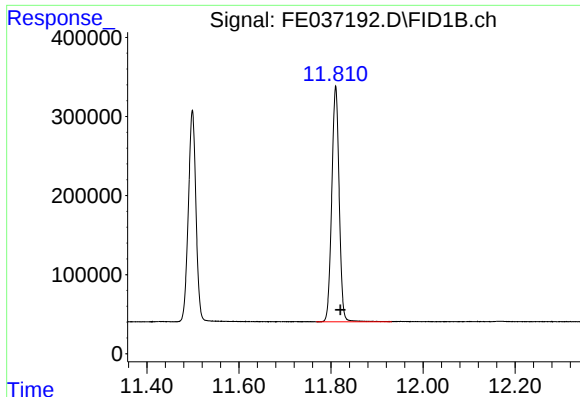
#7 n-Hexadecane (C16)

R.T.: 10.058 min
Delta R.T.: -0.009 min
Response: 3098677
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.499 min
Delta R.T.: -0.010 min
Response: 3094986
Conc: 18.85 ug/ml



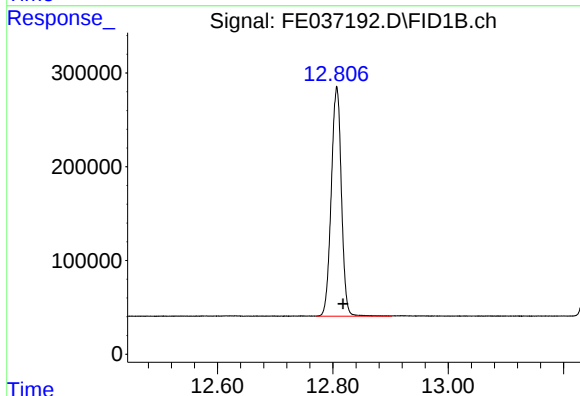
#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min
Delta R.T.: -0.011 min
Response: 3333854
Conc: 18.13 ug/ml

Instrument :

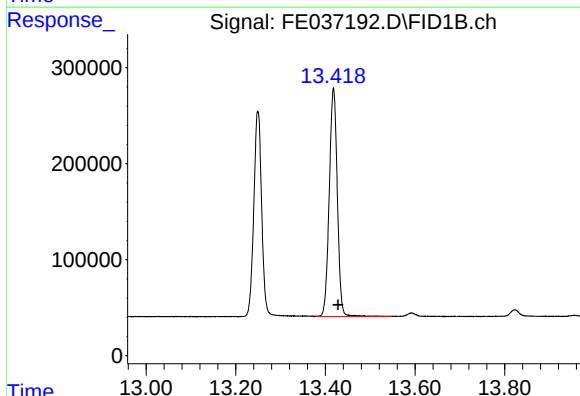
FID_E

ClientSampleId :



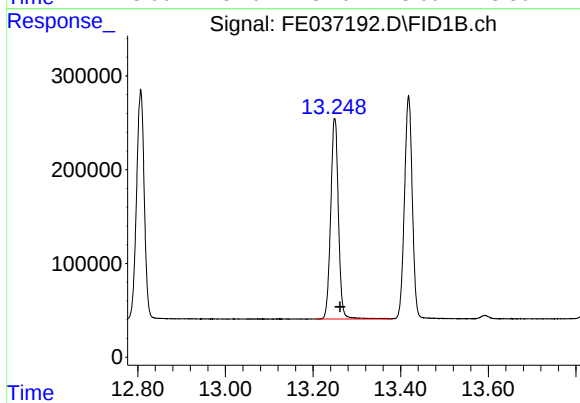
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: -0.011 min
Response: 2990326
Conc: 18.21 ug/ml



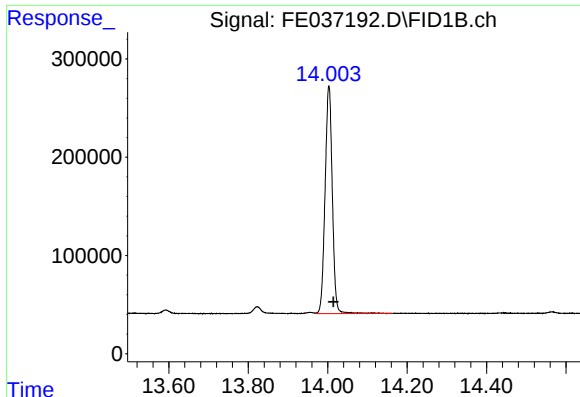
#11 n-Heneicosane (C21)

R.T.: 13.418 min
Delta R.T.: -0.010 min
Response: 2977753
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

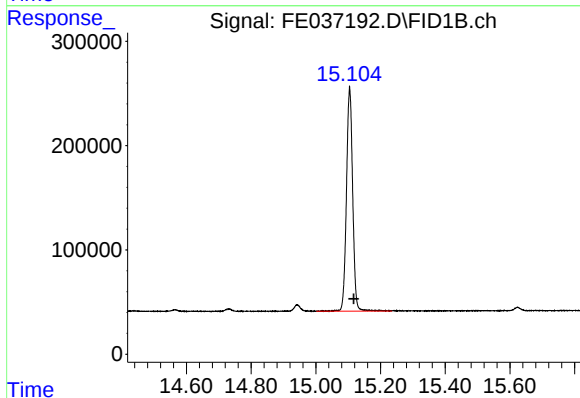
R.T.: 13.249 min
Delta R.T.: -0.012 min
Response: 2632983
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

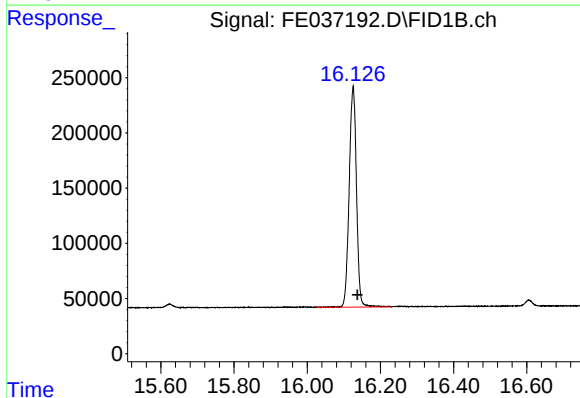
R.T.: 14.003 min
Delta R.T.: -0.012 min
Response: 2930029
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :



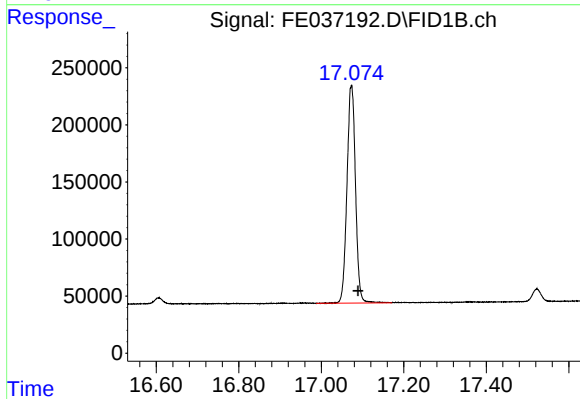
#14 n-Tetracosane (C24)

R.T.: 15.105 min
Delta R.T.: -0.013 min
Response: 2864744
Conc: 17.72 ug/ml



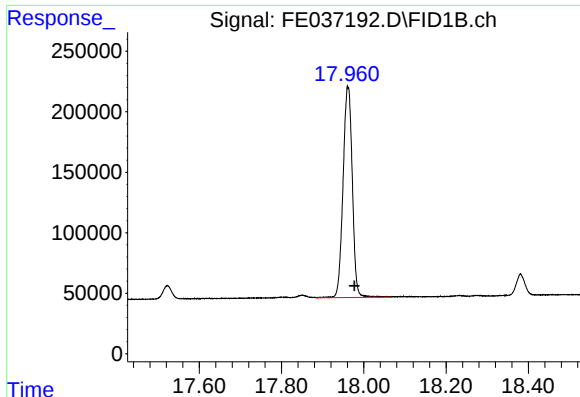
#15 n-Hexacosane (C26)

R.T.: 16.125 min
Delta R.T.: -0.012 min
Response: 2769859
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

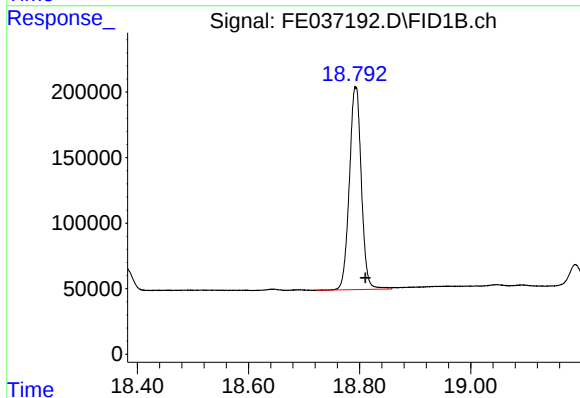
R.T.: 17.073 min
Delta R.T.: -0.017 min
Response: 2741921
Conc: 17.64 ug/ml



#17 n-Tricontane (C30)

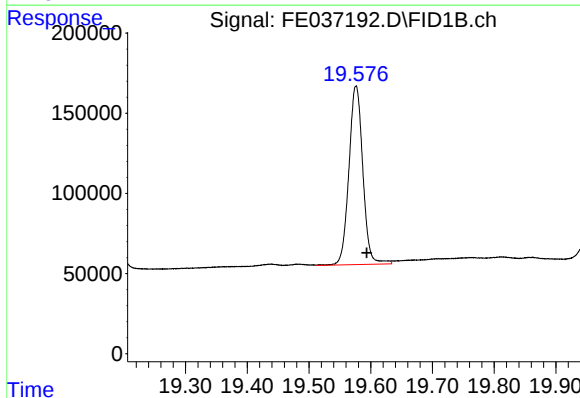
R.T.: 17.962 min
Delta R.T.: -0.015 min
Response: 2733352
Conc: 18.74 ug/ml

Instrument :
FID_E
ClientSampleId :



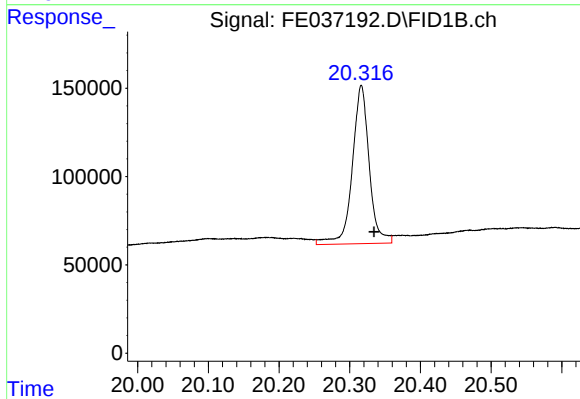
#18 n-Dotriacontane (C32)

R.T.: 18.793 min
Delta R.T.: -0.018 min
Response: 2313082
Conc: 19.90 ug/ml



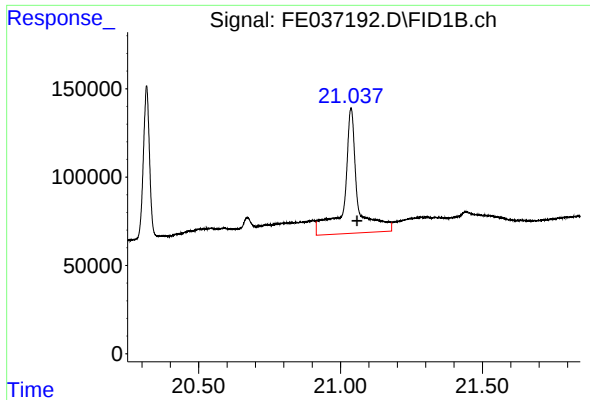
#19 n-Tetratriacontane (C34)

R.T.: 19.576 min
Delta R.T.: -0.018 min
Response: 1745577
Conc: 21.18 ug/ml



#20 n-Hexatriacontane (C36)

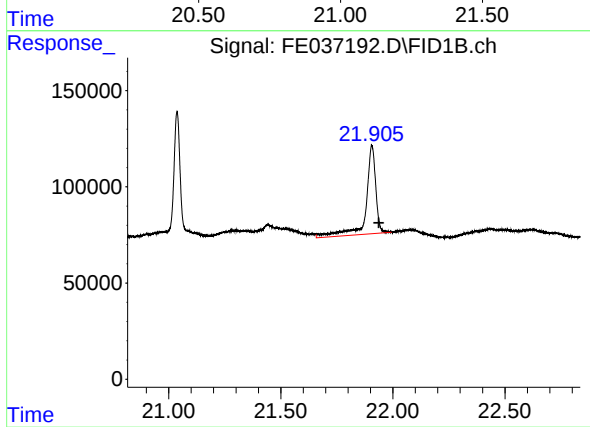
R.T.: 20.316 min
Delta R.T.: -0.018 min
Response: 1493406
Conc: 24.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.037 min
Delta R.T.: -0.021 min
Response: 2362600
Conc: 46.33 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: -0.031 min
Response: 1397216
Conc: 29.03 ug/ml