

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052423AL\
 Data File : FE042176.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2023 09:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 06:29:53 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)	11.962	3848856	21.797 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
12) S 1-chlorooctadecane (S...	13.397	2836362	21.346 ug/ml
Spiked Amount 50.000		Recovery =	42.69%
Target Compounds			
1) T n-Nonane (C9)	3.346	3105707	21.538 ug/ml
2) T n-Decane (C10)	4.596	3176050	21.455 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3535141	21.667 ug/ml
4) T n-Dodecane (C12)	6.763	3239449	21.603 ug/ml
5) T A~2-methylnaphthalene...	7.399	3422362	21.565 ug/ml
6) T n-Tetradecane (C14)	8.592	3234671	21.592 ug/ml
7) T n-Hexadecane (C16)	10.199	3364938	21.602 ug/ml
8) T n-Octadecane (C18)	11.642	3409363	21.560 ug/ml
10) T n-Eicosane (C20)	12.952	3271312	21.581 ug/ml
11) T n-Heneicosane (C21)	13.564	3199435	21.595 ug/ml
13) T n-Docosane (C22)	14.150	3160421	21.558 ug/ml
14) T n-Tetracosane (C24)	15.253	3104032	21.503 ug/ml
15) T n-Hexacosane (C26)	16.274	2997605	21.644 ug/ml
16) T n-Octacosane (C28)	17.224	2905234	21.700 ug/ml
17) T n-Tricontane (C30)	18.111	2964496	21.961 ug/ml
18) T n-Dotriacontane (C32)	18.943	2898564	21.697 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2738328	20.822 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2600392	20.007 ug/ml
21) T n-Octatriacontane (C38)	21.215	2611061	19.245 ug/ml
22) T n-Tetracontane (C40)	22.149	2570759	18.479 ug/ml

(f)=RT Delta > 1/2 Window

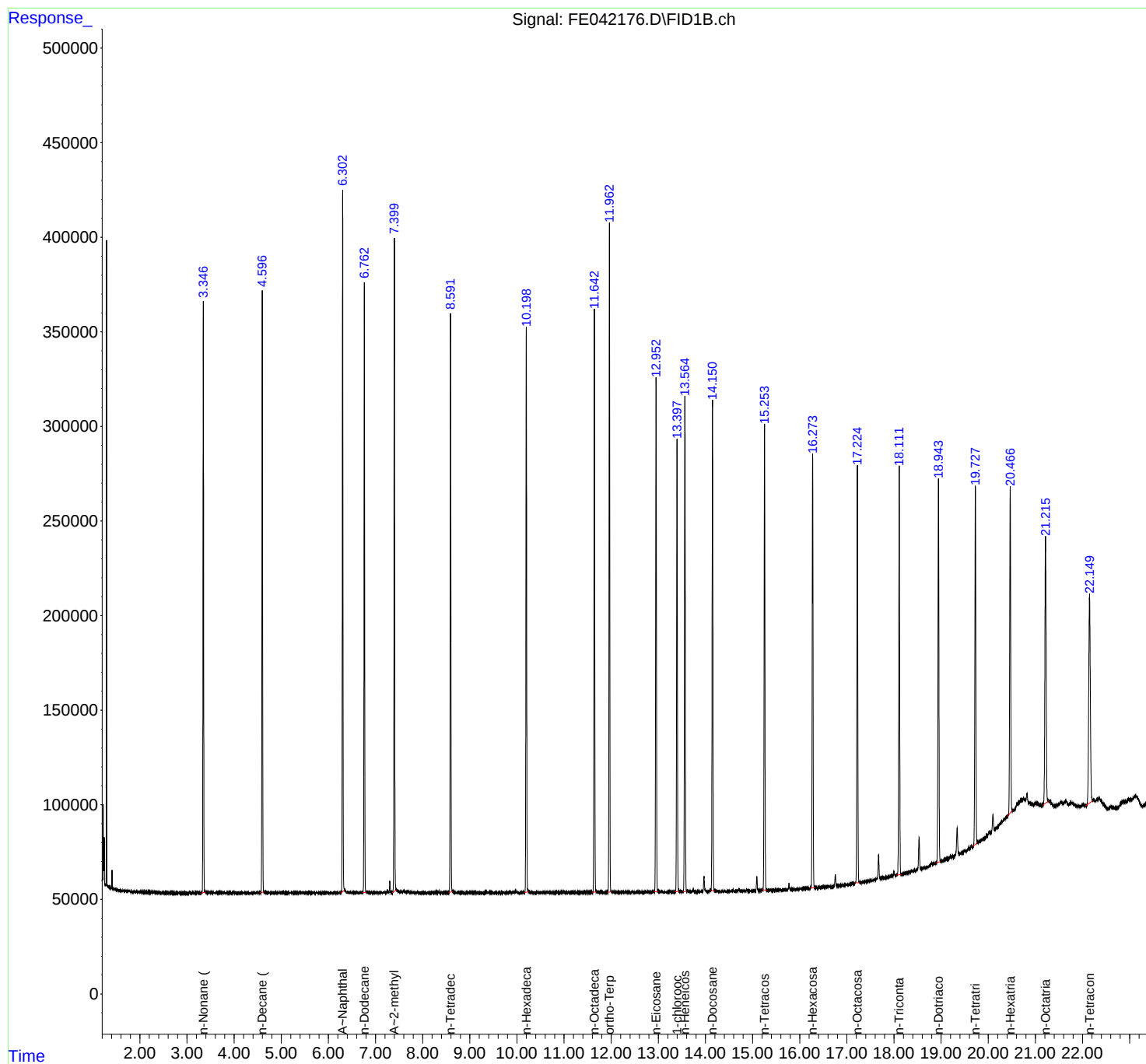
(m)=manual int.

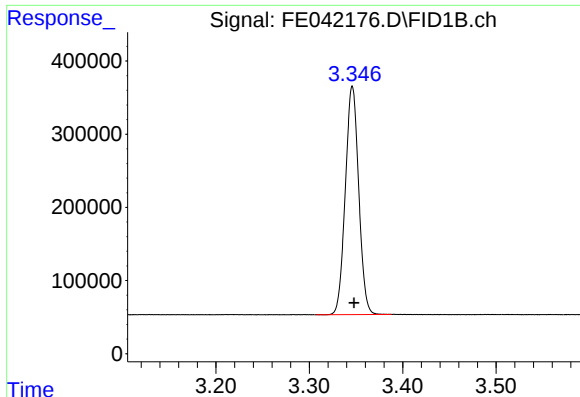
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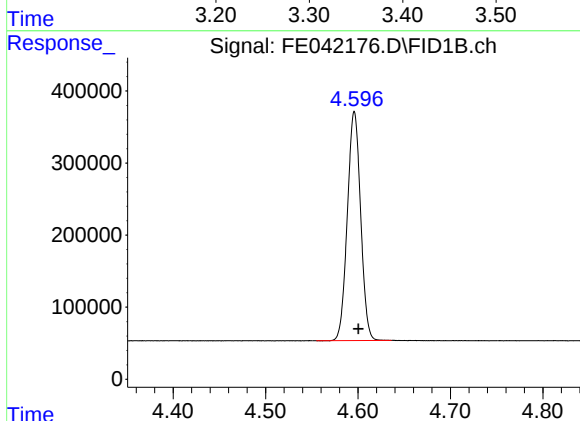




#1 n-Nonane (C9)

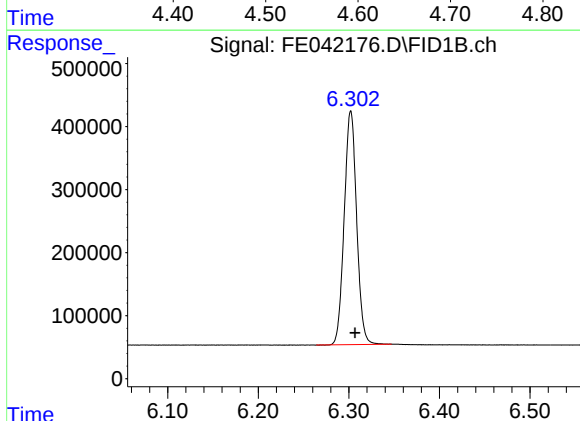
R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 3105707
Conc: 21.54 ug/ml

Instrument :
FID_E
ClientSampleId :



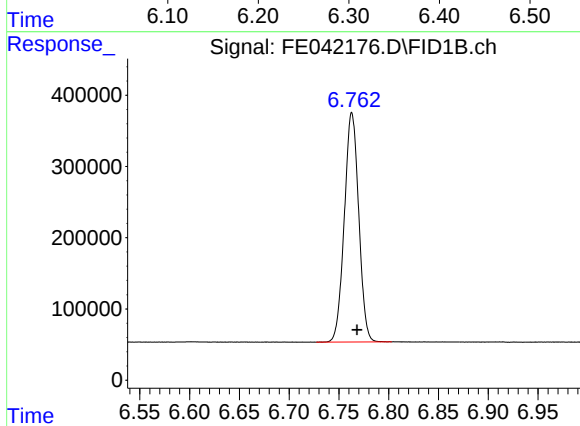
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 3176050
Conc: 21.45 ug/ml



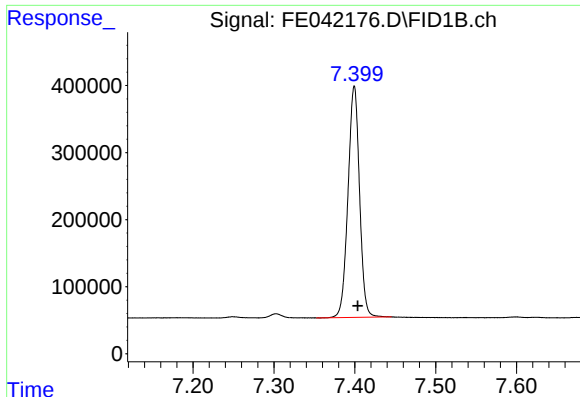
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 3535141
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

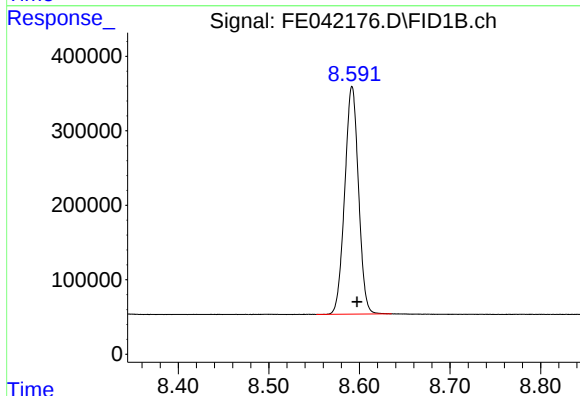
R.T.: 6.763 min
Delta R.T.: -0.005 min
Response: 3239449
Conc: 21.60 ug/ml



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

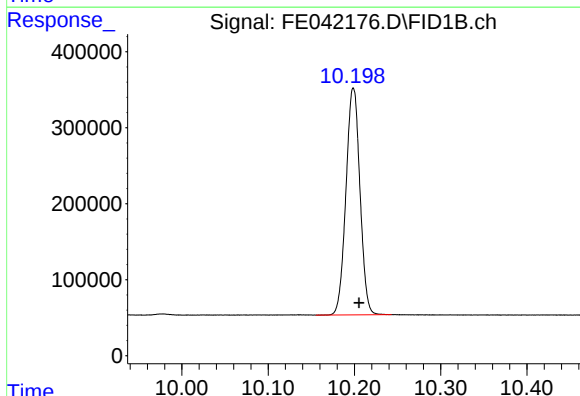
R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 3422362
Conc: 21.56 ug/ml

Instrument :
FID_E
ClientSampleId :



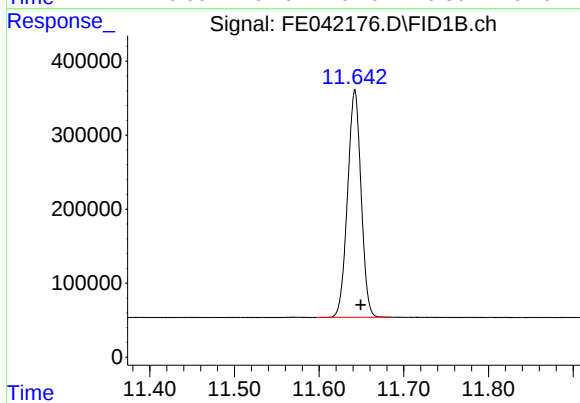
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.005 min
Response: 3234671
Conc: 21.59 ug/ml



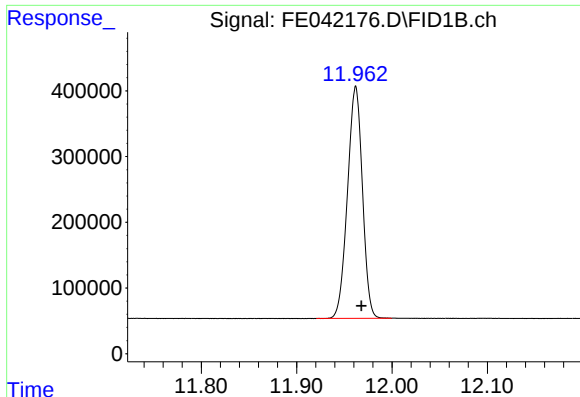
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.006 min
Response: 3364938
Conc: 21.60 ug/ml



#8 n-Octadecane (C18)

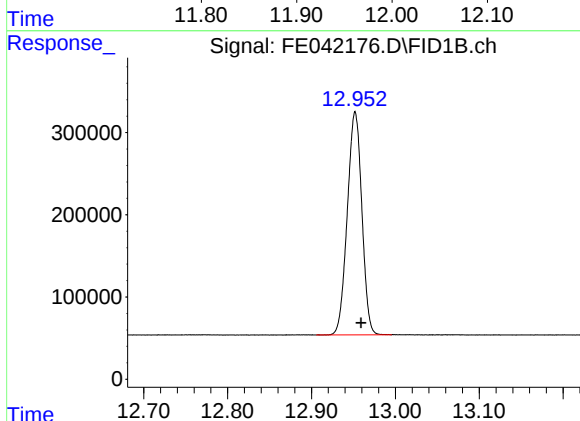
R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 3409363
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

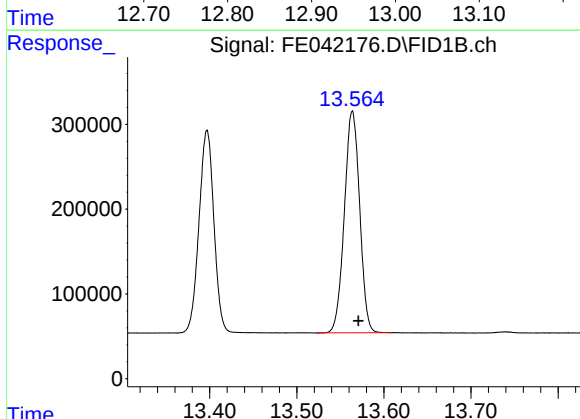
R.T.: 11.962 min
Delta R.T.: -0.006 min
Response: 3848856
Conc: 21.80 ug/ml

Instrument :
FID_E
ClientSampleId :



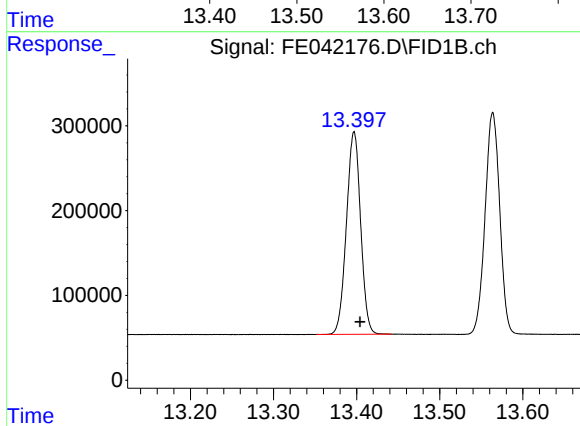
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 3271312
Conc: 21.58 ug/ml



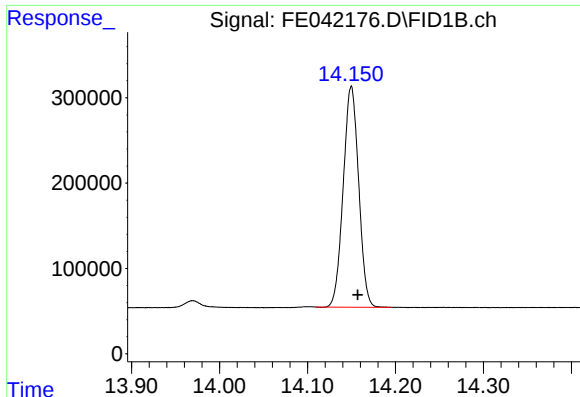
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.007 min
Response: 3199435
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

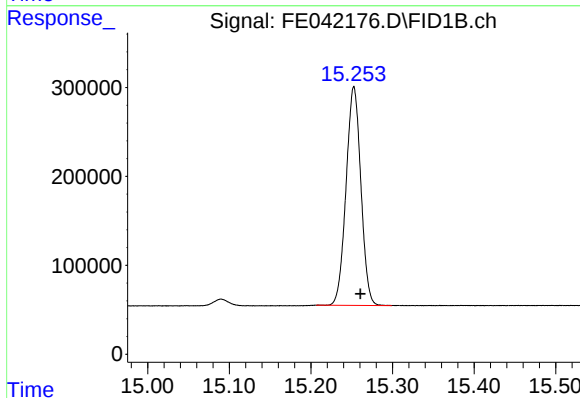
R.T.: 13.397 min
Delta R.T.: -0.007 min
Response: 2836362
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

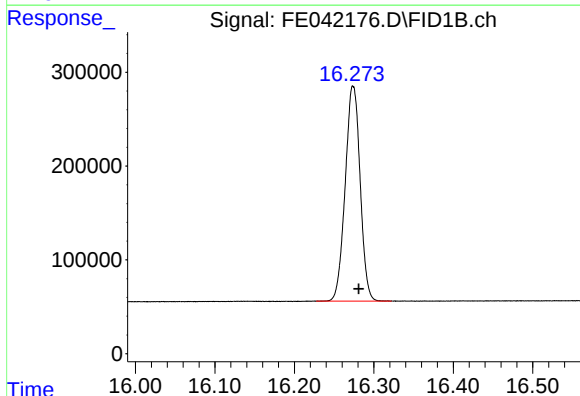
R.T.: 14.150 min
Delta R.T.: -0.007 min
Response: 3160421
Conc: 21.56 ug/ml

Instrument :
FID_E
ClientSampleId :



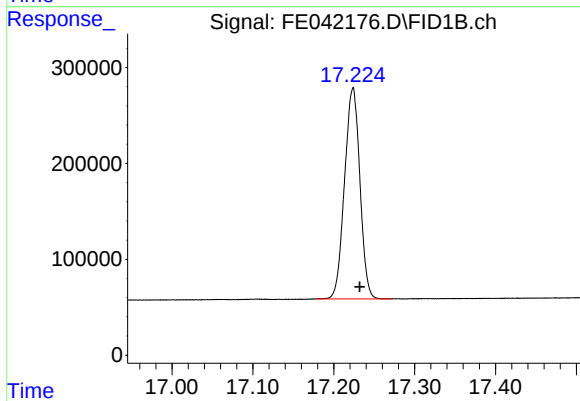
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.008 min
Response: 3104032
Conc: 21.50 ug/ml



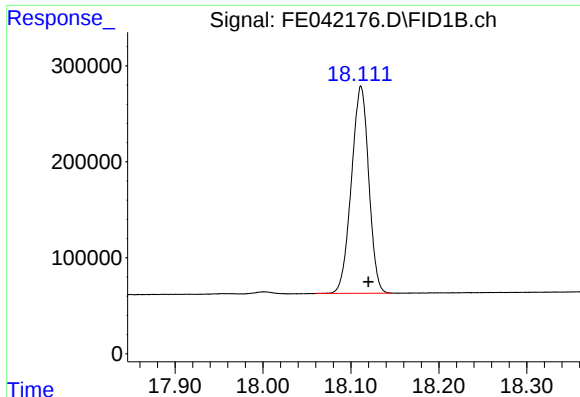
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.007 min
Response: 2997605
Conc: 21.64 ug/ml



#16 n-Octacosane (C28)

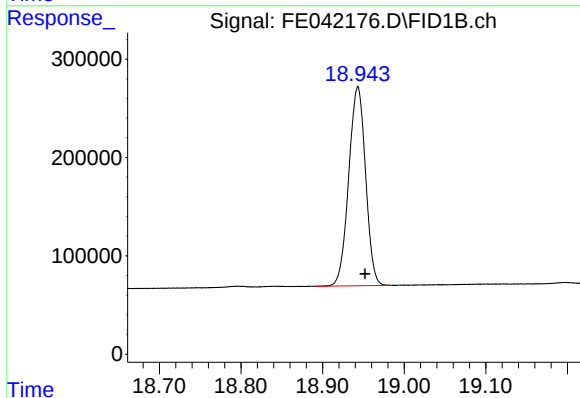
R.T.: 17.224 min
Delta R.T.: -0.009 min
Response: 2905234
Conc: 21.70 ug/ml



#17 n-Tricontane (C30)

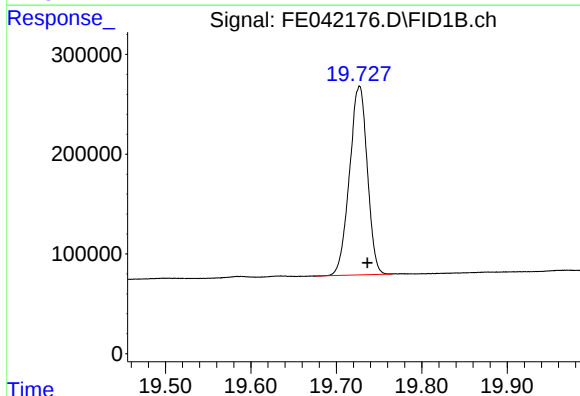
R.T.: 18.111 min
Delta R.T.: -0.008 min
Response: 2964496
Conc: 21.96 ug/ml

Instrument :
FID_E
ClientSampleId :



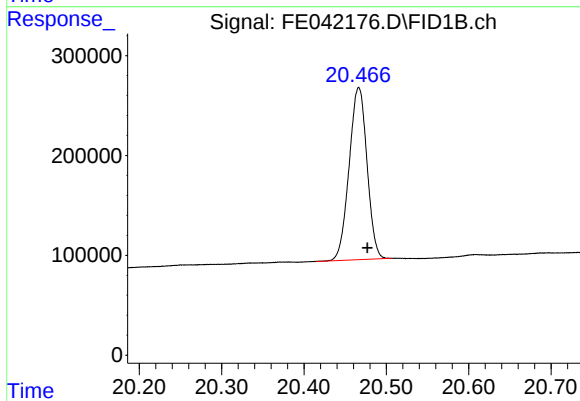
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.009 min
Response: 2898564
Conc: 21.70 ug/ml



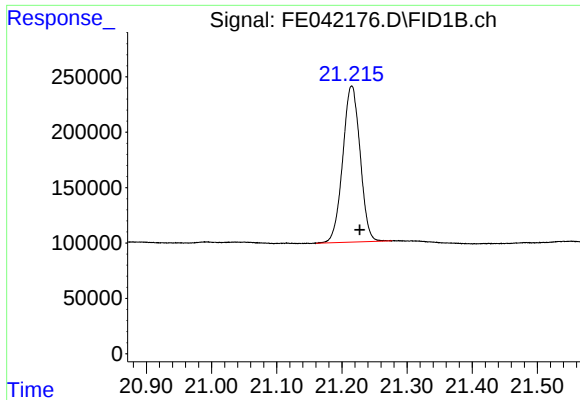
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.009 min
Response: 2738328
Conc: 20.82 ug/ml



#20 n-Hexatriacontane (C36)

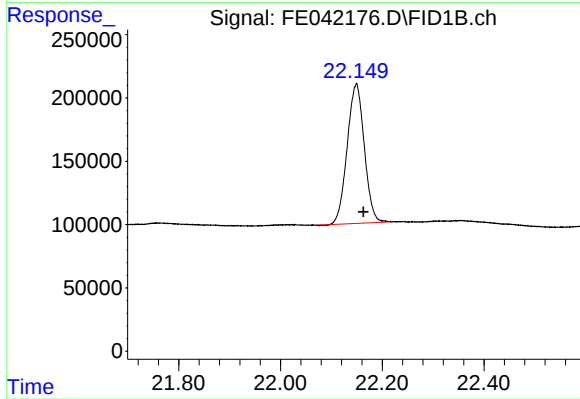
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2600392
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: -0.012 min
Response: 2611061
Conc: 19.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: -0.014 min
Response: 2570759
Conc: 18.48 ug/ml