

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011923AL\
 Data File : FE039898.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2023 09:22
 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: Jan 20 00:56:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.912	2842258	18.508 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
12) S 1-chlorooctadecane (S...	13.348	2188670	18.755 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.309	2511066	19.782 ug/ml
2) T n-Decane (C10)	4.556	2493424	20.078 ug/ml
3) T A~Naphthalene (C11.7)	6.258	2736107	19.401 ug/ml
4) T n-Dodecane (C12)	6.720	2520381	20.046 ug/ml
5) T A~2-methylnaphthalene...	7.353	2550527	19.473 ug/ml
6) T n-Tetradecane (C14)	8.545	2560585	19.909 ug/ml
7) T n-Hexadecane (C16)	10.153	2649554	19.640 ug/ml
8) T n-Octadecane (C18)	11.595	2694758	19.231 ug/ml
10) T n-Eicosane (C20)	12.904	2614901	18.873 ug/ml
11) T n-Heneicosane (C21)	13.516	2603296	18.656 ug/ml
13) T n-Docosane (C22)	14.102	2585311	18.626 ug/ml
14) T n-Tetracosane (C24)	15.205	2566663	18.642 ug/ml
15) T n-Hexacosane (C26)	16.226	2503969	18.761 ug/ml
16) T n-Octacosane (C28)	17.175	2535522	19.478 ug/ml
17) T n-Tricontane (C30)	18.062	2667203	20.915 ug/ml
18) T n-Dotriacontane (C32)	18.896	2743851	21.704 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2590141	20.961 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2414631	20.481 ug/ml
21) T n-Octatriacontane (C38)	21.155	2374859	19.870 ug/ml
22) T n-Tetracontane (C40)	22.056	2425257	19.983 ug/ml

(f)=RT Delta > 1/2 Window

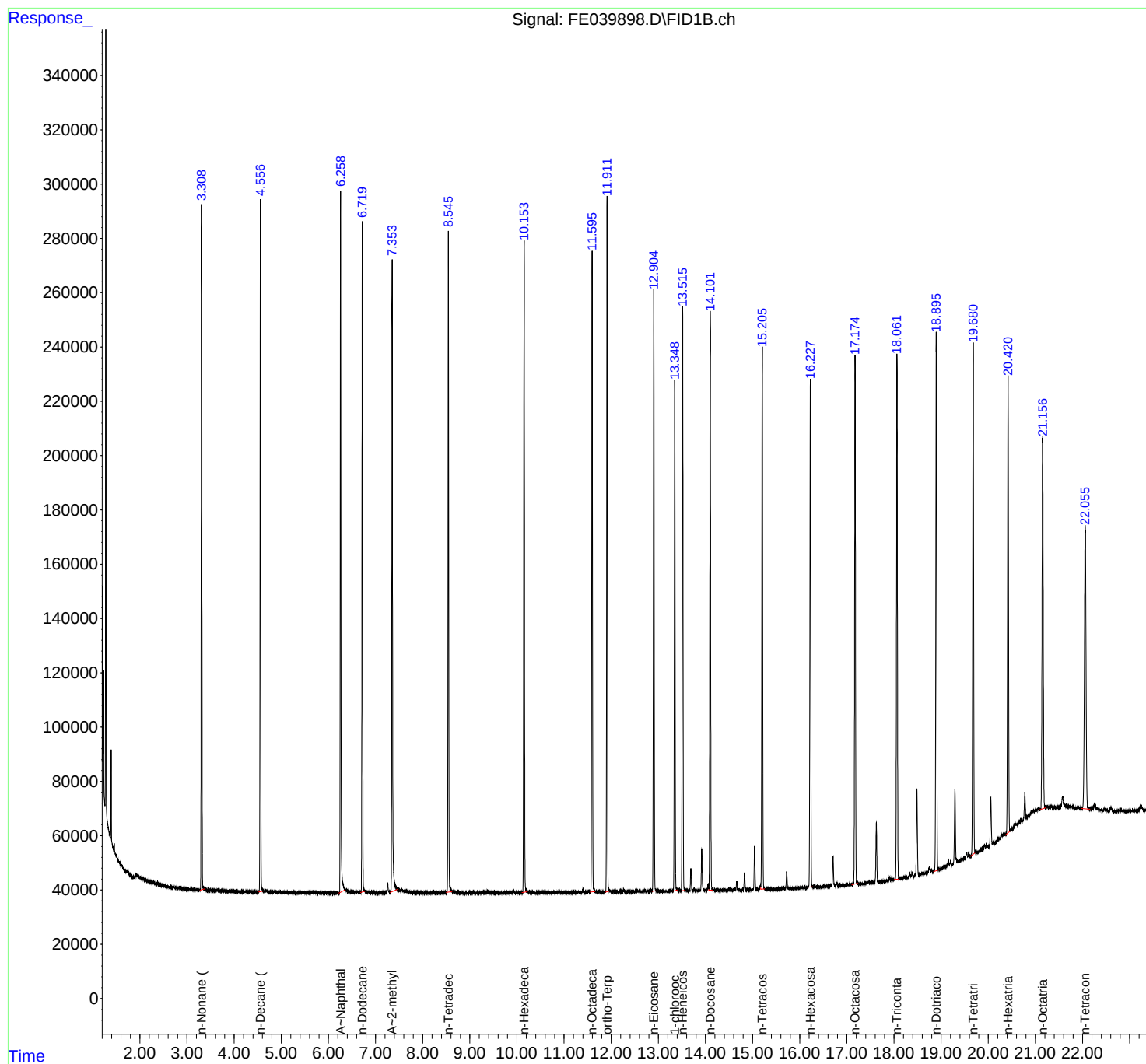
(m)=manual int.

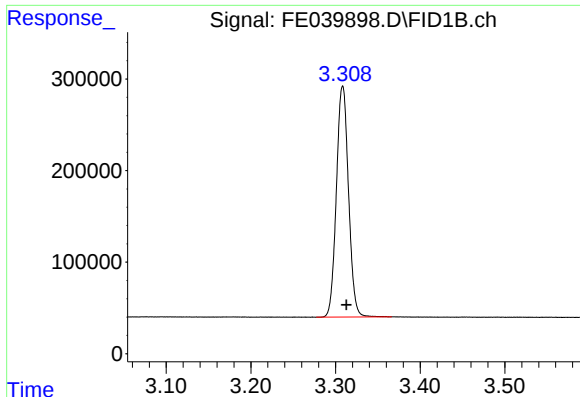
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011923AL\
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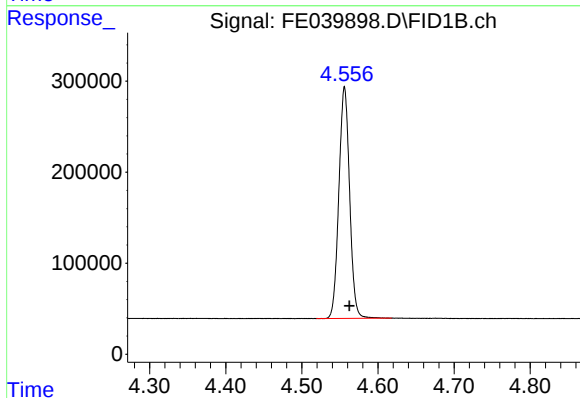




#1 n-Nonane (C9)

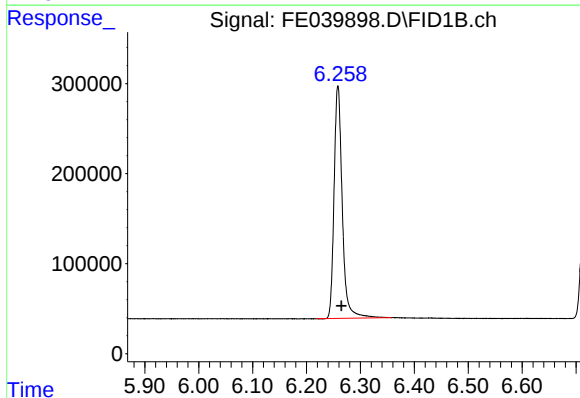
R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 2511066
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



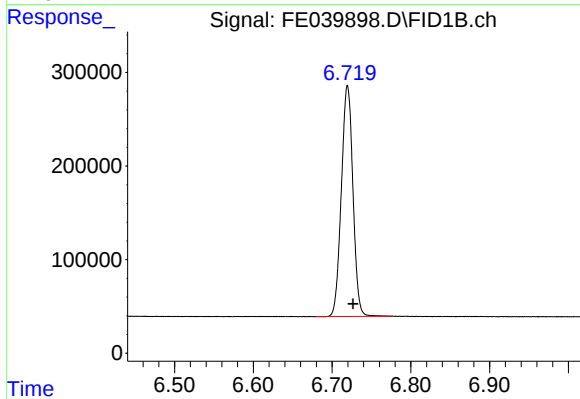
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.006 min
Response: 2493424
Conc: 20.08 ug/ml



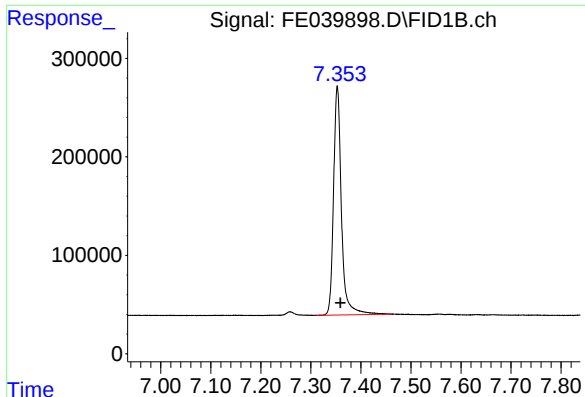
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.006 min
Response: 2736107
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

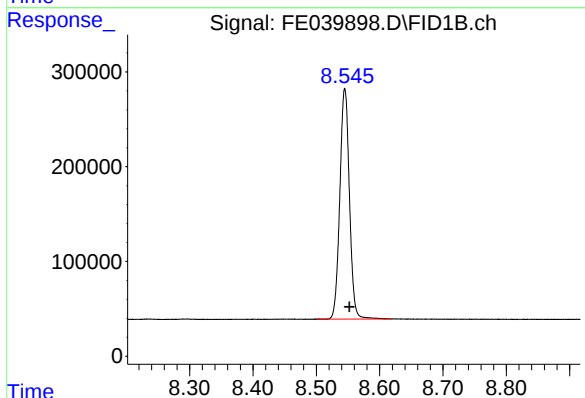
R.T.: 6.720 min
Delta R.T.: -0.007 min
Response: 2520381
Conc: 20.05 ug/ml



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

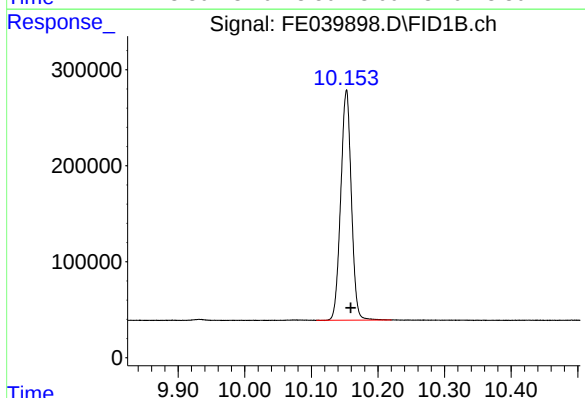
R.T.: 7.353 min
Delta R.T.: -0.006 min
Response: 2550527
Conc: 19.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



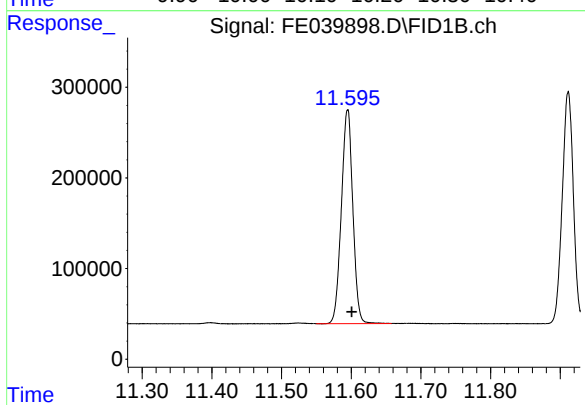
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.007 min
Response: 2560585
Conc: 19.91 ug/ml



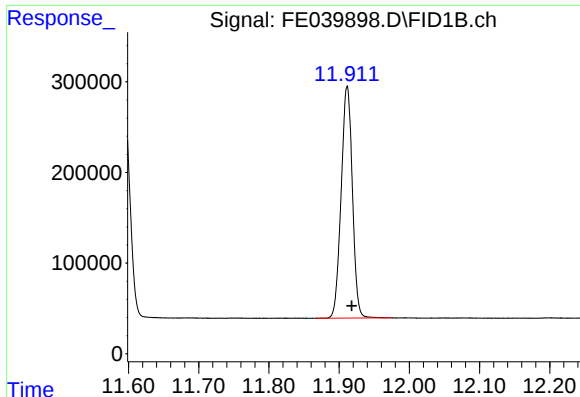
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: -0.006 min
Response: 2649554
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

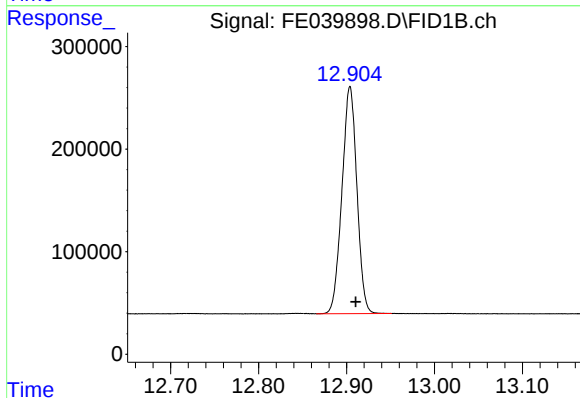
R.T.: 11.595 min
Delta R.T.: -0.006 min
Response: 2694758
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

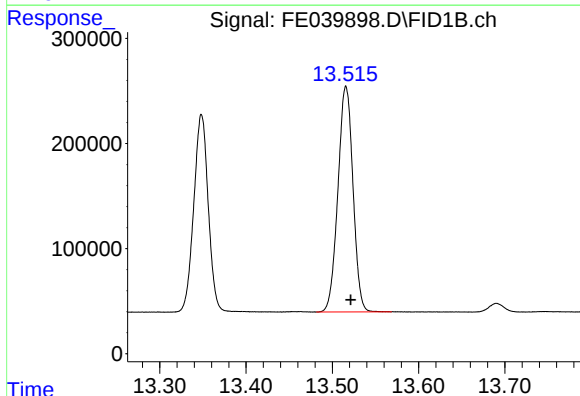
R.T.: 11.912 min
Delta R.T.: -0.006 min
Response: 2842258
Conc: 18.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



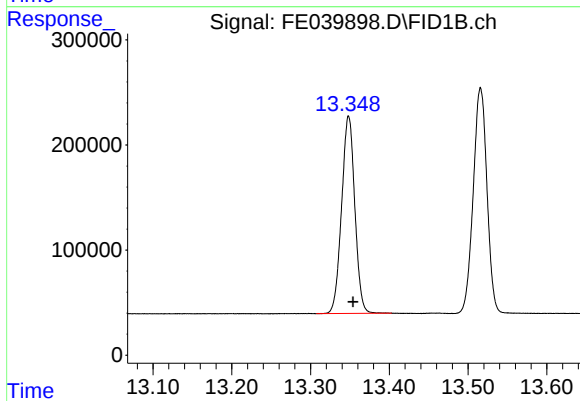
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.007 min
Response: 2614901
Conc: 18.87 ug/ml



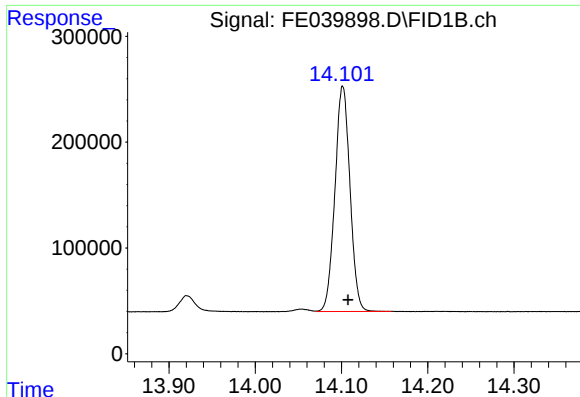
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.006 min
Response: 2603296
Conc: 18.66 ug/ml



#12 1-chlorooctadecane (SURR)

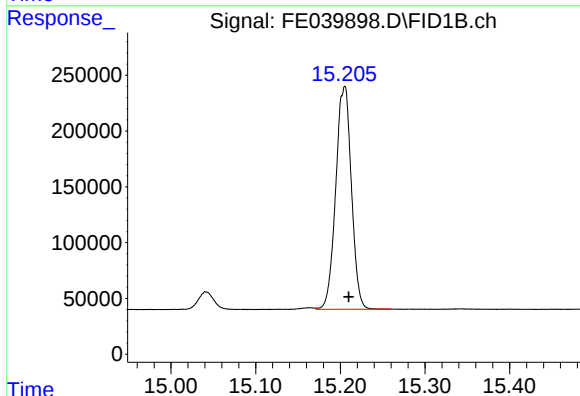
R.T.: 13.348 min
Delta R.T.: -0.006 min
Response: 2188670
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

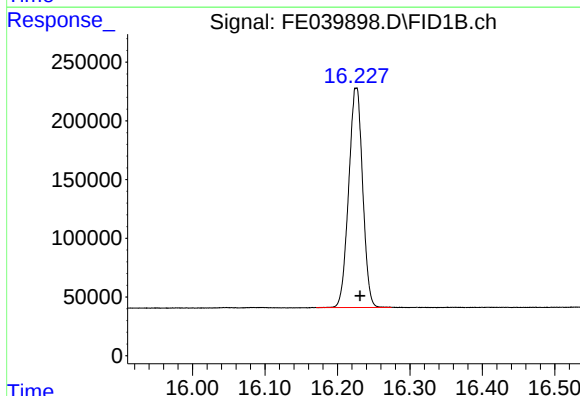
R.T.: 14.102 min
Delta R.T.: -0.006 min
Response: 2585311
Conc: 18.63 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



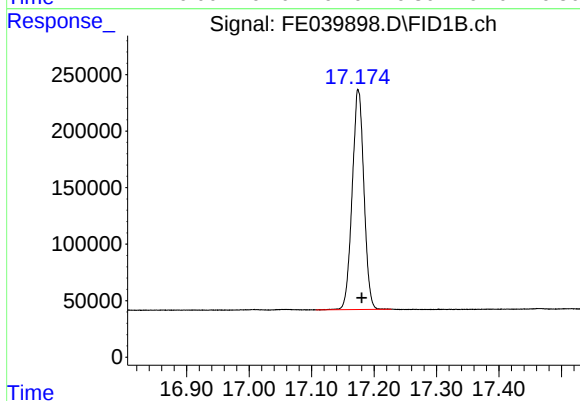
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.005 min
Response: 2566663
Conc: 18.64 ug/ml



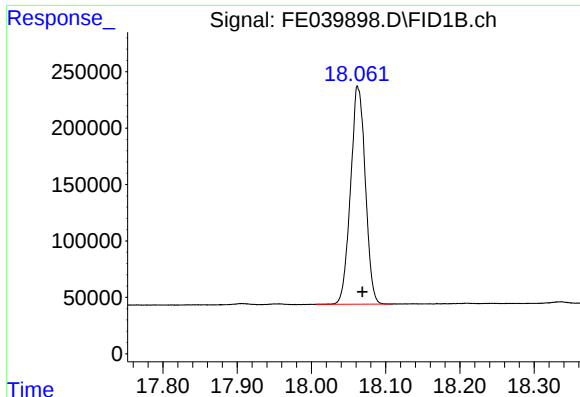
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.005 min
Response: 2503969
Conc: 18.76 ug/ml



#16 n-Octacosane (C28)

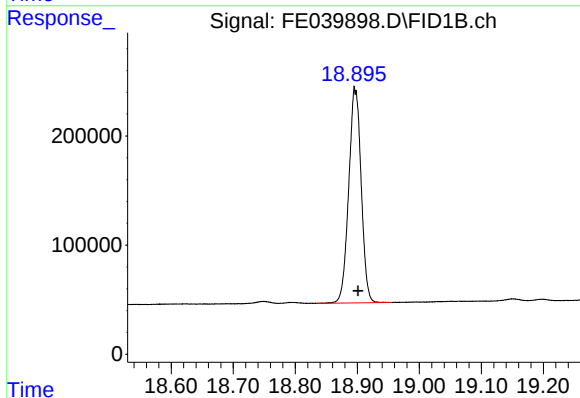
R.T.: 17.175 min
Delta R.T.: -0.006 min
Response: 2535522
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

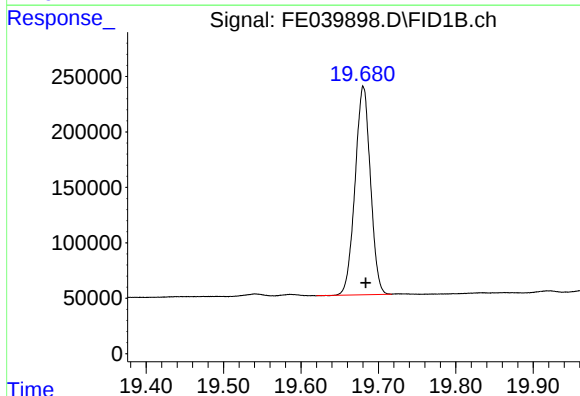
R.T.: 18.062 min
Delta R.T.: -0.006 min
Response: 2667203
Conc: 20.91 ug/ml

Instrument :
FID_E
ClientSampleId :
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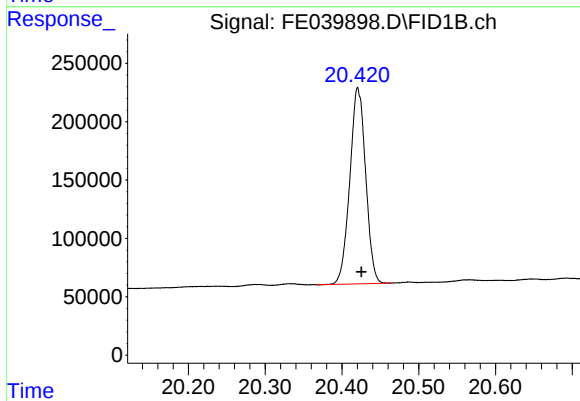
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.005 min
Response: 2743851
Conc: 21.70 ug/ml



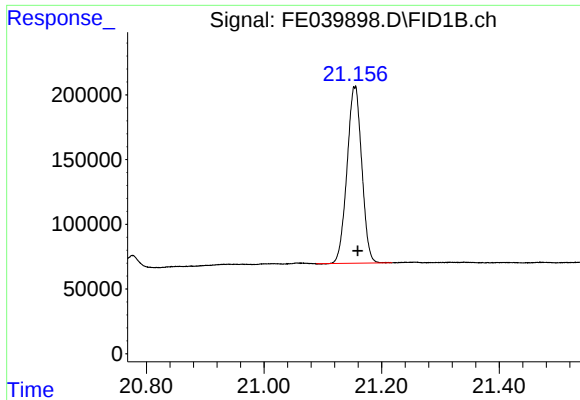
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.003 min
Response: 2590141
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

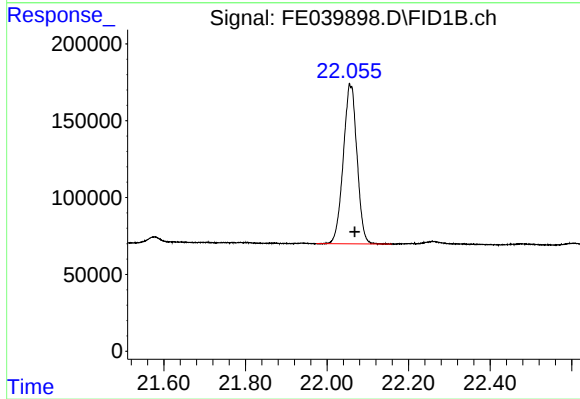
R.T.: 20.421 min
Delta R.T.: -0.004 min
Response: 2414631
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.005 min
Response: 2374859
Conc: 19.87 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.012 min
Response: 2425257
Conc: 19.98 ug/ml