

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039718.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2023 09:19
 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 10 16:19:28 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)	11.916	3102419	20.202 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	13.352	2337334	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.312	2595958	20.451 ug/ml
2) T n-Decane (C10)	4.562	2541750	20.467 ug/ml
3) T A~Naphthalene (C11.7)	6.263	2901581	20.575 ug/ml
4) T n-Dodecane (C12)	6.725	2567008	20.417 ug/ml
5) T A~2-methylnaphthalene...	7.358	2719036	20.759 ug/ml
6) T n-Tetradecane (C14)	8.551	2627734	20.431 ug/ml
7) T n-Hexadecane (C16)	10.157	2742789	20.331 ug/ml
8) T n-Octadecane (C18)	11.600	2833279	20.220 ug/ml
10) T n-Eicosane (C20)	12.908	2790685	20.142 ug/ml
11) T n-Heneicosane (C21)	13.520	2806502	20.112 ug/ml
13) T n-Docosane (C22)	14.105	2783581	20.054 ug/ml
14) T n-Tetracosane (C24)	15.209	2771435	20.129 ug/ml
15) T n-Hexacosane (C26)	16.230	2676273	20.052 ug/ml
16) T n-Octacosane (C28)	17.179	2606537	20.023 ug/ml
17) T n-Tricontane (C30)	18.067	2552323	20.014 ug/ml
18) T n-Dotriacontane (C32)	18.900	2515252	19.896 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2428101	19.650 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2289707	19.421 ug/ml
21) T n-Octatriacontane (C38)	21.156	2246399	18.795 ug/ml
22) T n-Tetracontane (C40)	22.059	2185091	18.004 ug/ml

(f)=RT Delta > 1/2 Window

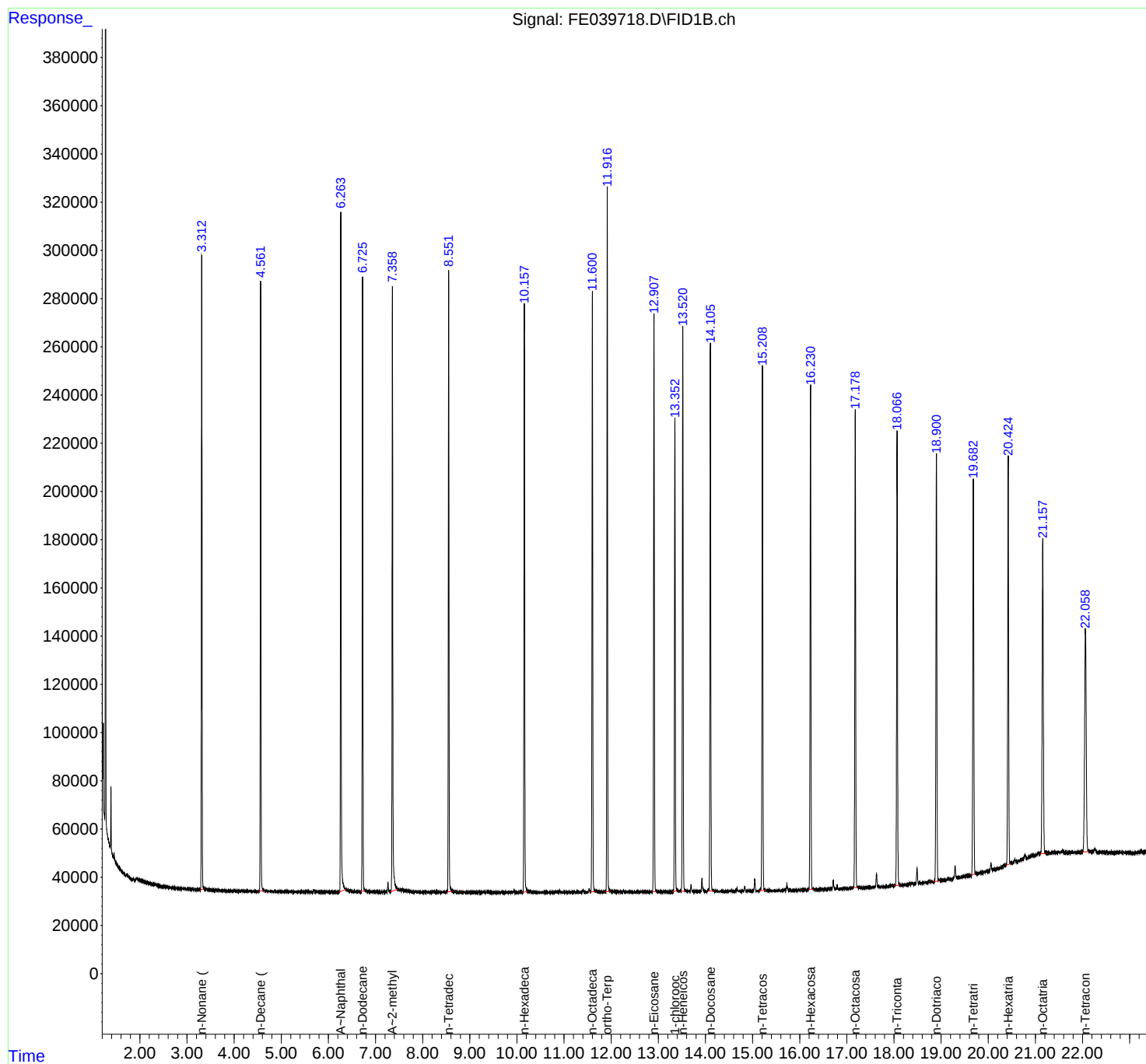
(m)=manual int.

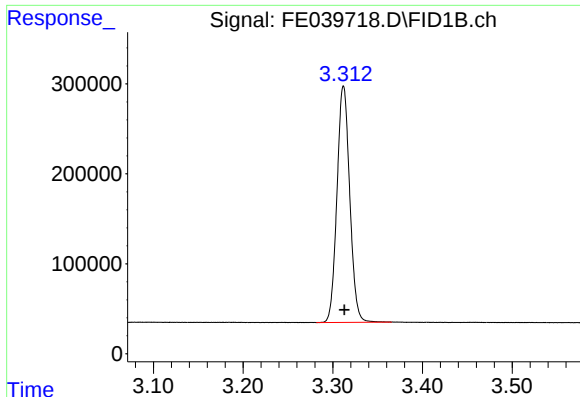
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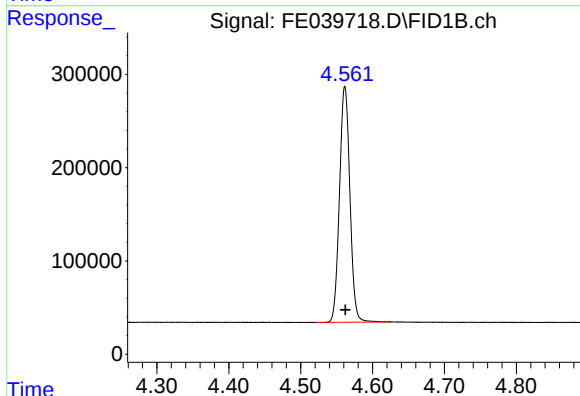




#1 n-Nonane (C9)

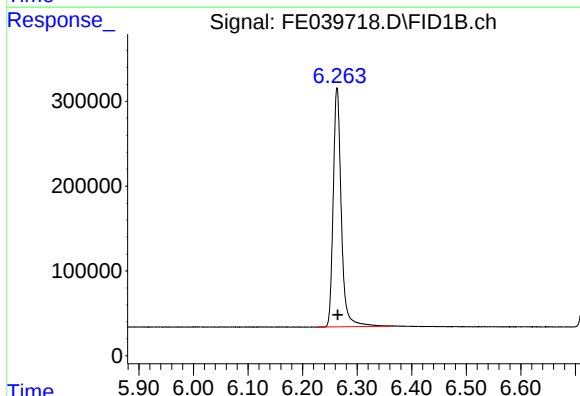
R.T.: 3.312 min
Delta R.T.: -0.001 min
Response: 2595958
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



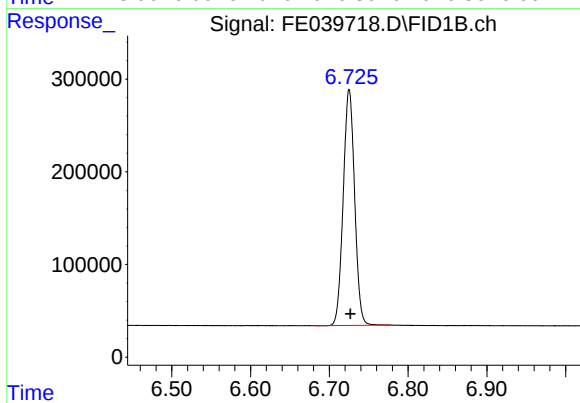
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.001 min
Response: 2541750
Conc: 20.47 ug/ml



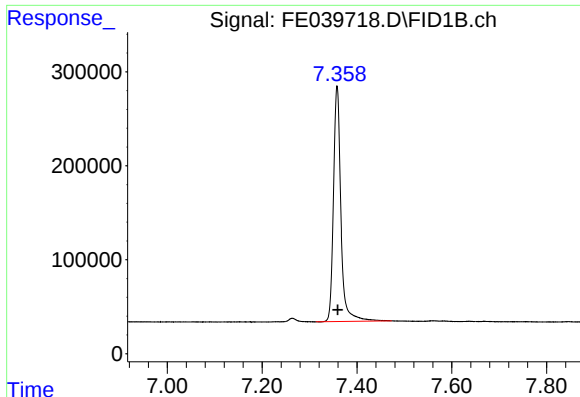
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.001 min
Response: 2901581
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

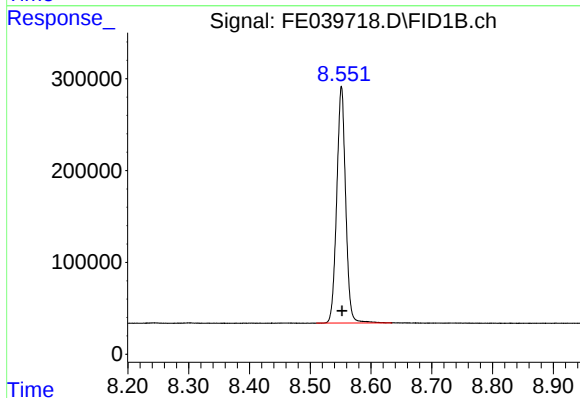
R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 2567008
Conc: 20.42 ug/ml



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

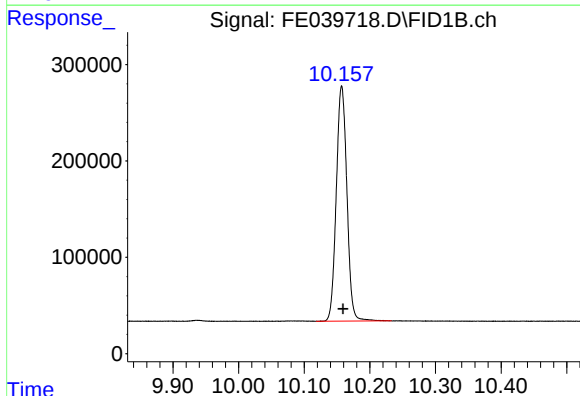
R.T.: 7.358 min
Delta R.T.: -0.001 min
Response: 2719036
Conc: 20.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



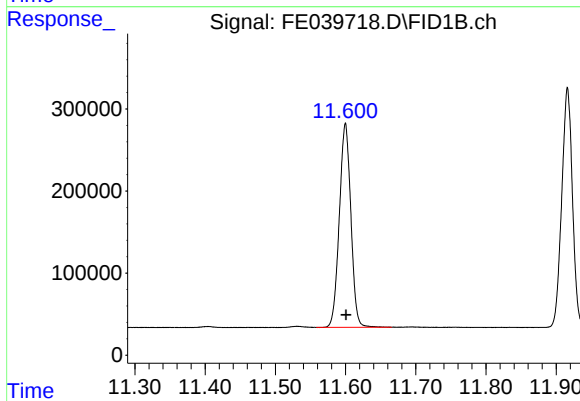
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 2627734
Conc: 20.43 ug/ml



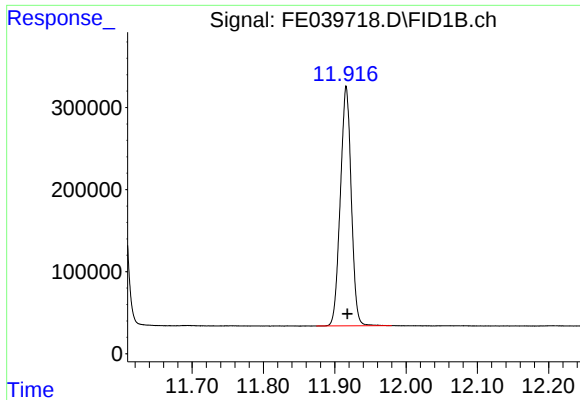
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.002 min
Response: 2742789
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

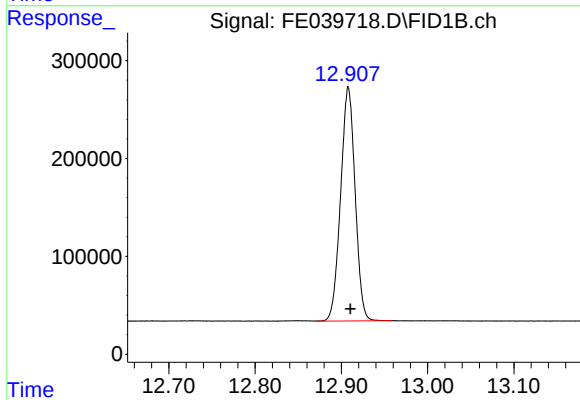
R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2833279
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

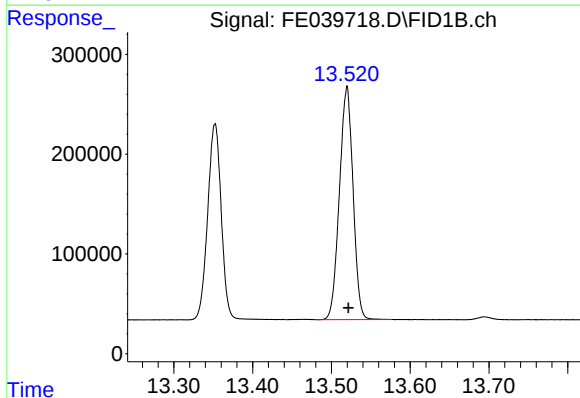
R.T.: 11.916 min
Delta R.T.: -0.002 min
Response: 3102419
Conc: 20.20 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



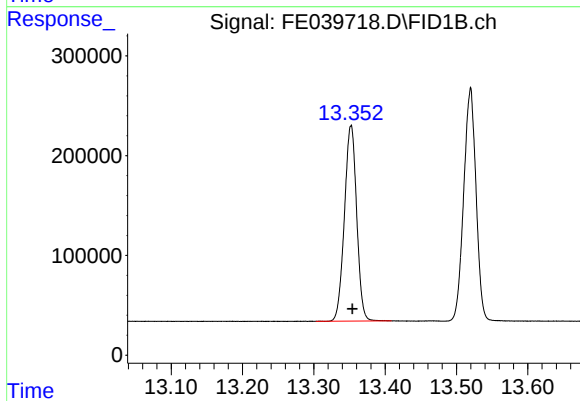
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.002 min
Response: 2790685
Conc: 20.14 ug/ml



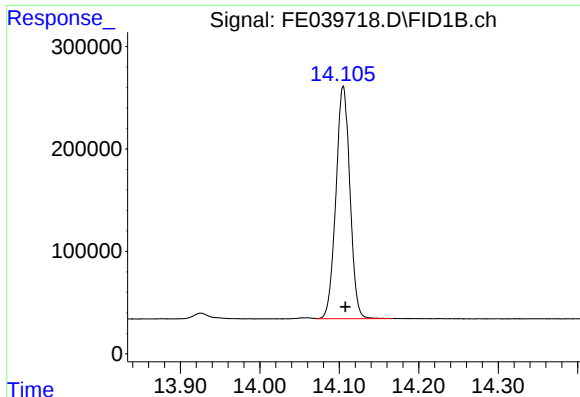
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.002 min
Response: 2806502
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

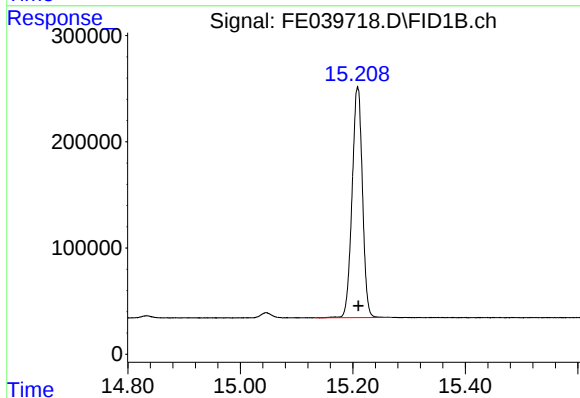
R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 2337334
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

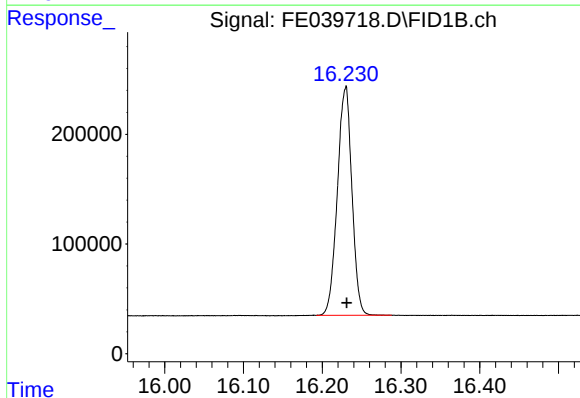
R.T.: 14.105 min
Delta R.T.: -0.003 min
Response: 2783581
Conc: 20.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



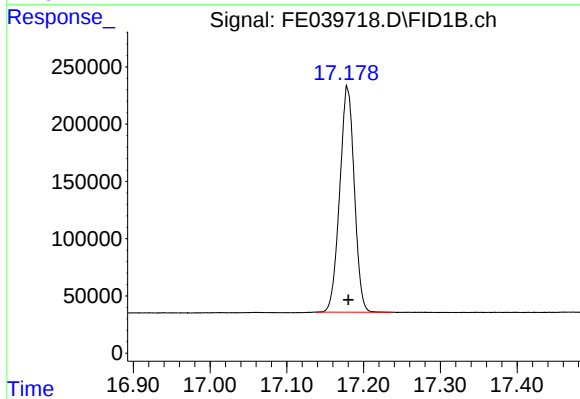
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.001 min
Response: 2771435
Conc: 20.13 ug/ml



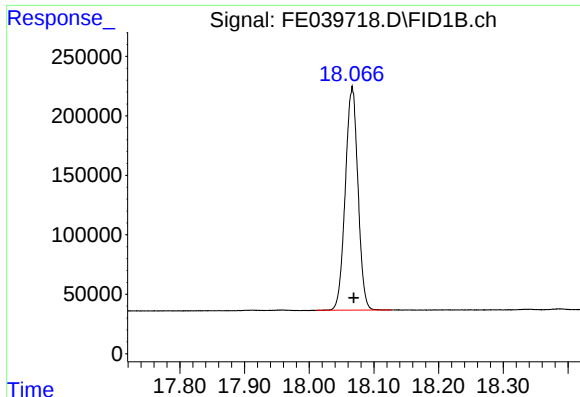
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.001 min
Response: 2676273
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

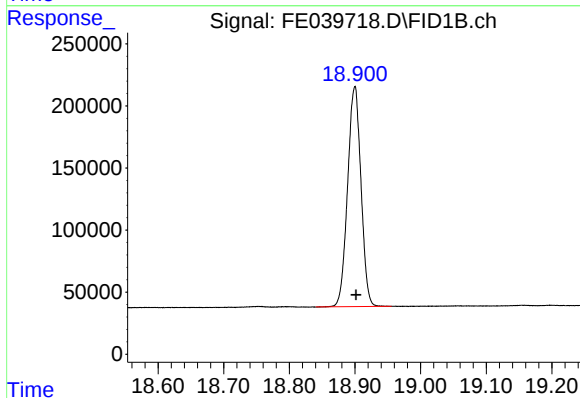
R.T.: 17.179 min
Delta R.T.: -0.002 min
Response: 2606537
Conc: 20.02 ug/ml



#17 n-Tricontane (C30)

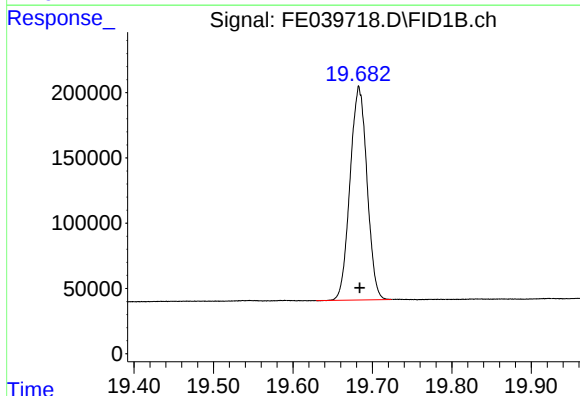
R.T.: 18.067 min
Delta R.T.: -0.002 min
Response: 2552323
Conc: 20.01 ug/ml

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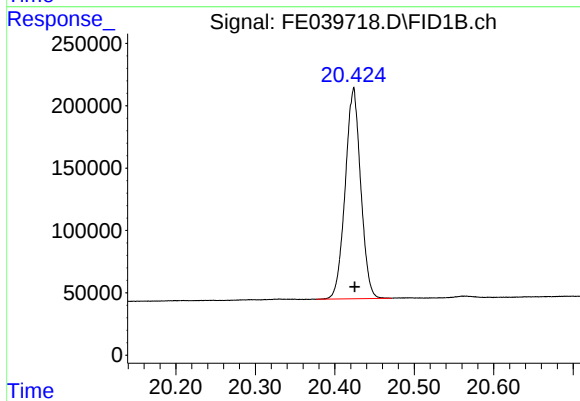
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.002 min
Response: 2515252
Conc: 19.90 ug/ml



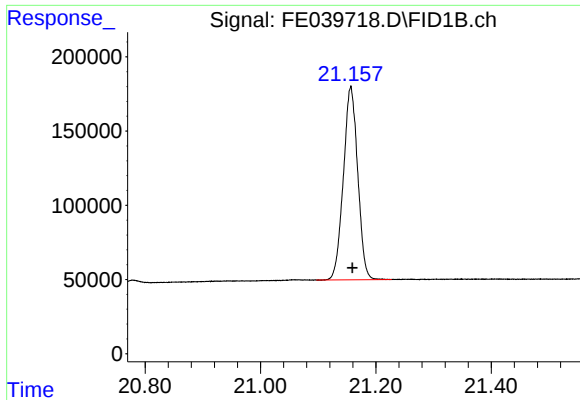
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.000 min
Response: 2428101
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

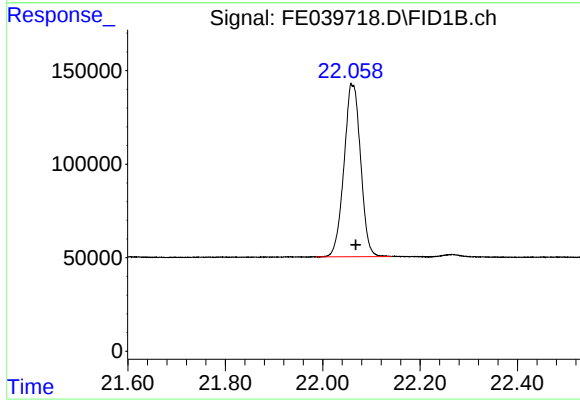
R.T.: 20.424 min
Delta R.T.: -0.001 min
Response: 2289707
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.003 min
Response: 2246399
Conc: 18.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.009 min
Response: 2185091
Conc: 18.00 ug/ml