

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112624AL\
 Data File : FE051474.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2024 19:19
 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: Nov 27 00:40:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.834	3017582	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.265	2325286	20.482 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
Target Compounds			
1) T n-Nonane (C9)	3.224	2705629	19.554 ug/ml
2) T n-Decane (C10)	4.472	2766192	19.733 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2536432	19.237 ug/ml
4) T n-Dodecane (C12)	6.639	2804861	19.865 ug/ml
5) T A~2-methylnaphthalene...	7.283	2286174	18.276 ug/ml
6) T n-Tetradecane (C14)	8.465	2762053	19.819 ug/ml
7) T n-Hexadecane (C16)	10.071	2827334	19.924 ug/ml
8) T n-Octadecane (C18)	11.512	2868362	20.086 ug/ml
10) T n-Eicosane (C20)	12.819	2783323	20.338 ug/ml
11) T n-Heneicosane (C21)	13.430	2727435	20.408 ug/ml
13) T n-Docosane (C22)	14.015	2750670	20.689 ug/ml
14) T n-Tetracosane (C24)	15.116	2796016	21.077 ug/ml
15) T n-Hexacosane (C26)	16.136	2792450	20.860 ug/ml
16) T n-Octacosane (C28)	17.085	2889655	21.196 ug/ml
17) T n-Tricontane (C30)	17.971	3156895	21.729 ug/ml
18) T n-Dotriacontane (C32)	18.803	3214078	21.646 ug/ml
19) T n-Tetratriacontane (C34)	19.586	2748656	20.457 ug/ml
20) T n-Hexatriacontane (C36)	20.324	2468301	20.687 ug/ml
21) T n-Octatriacontane (C38)	21.044	2060730	18.106 ug/ml
22) T n-Tetracontane (C40)	21.919	2215592	19.921 ug/ml

(f)=RT Delta > 1/2 Window

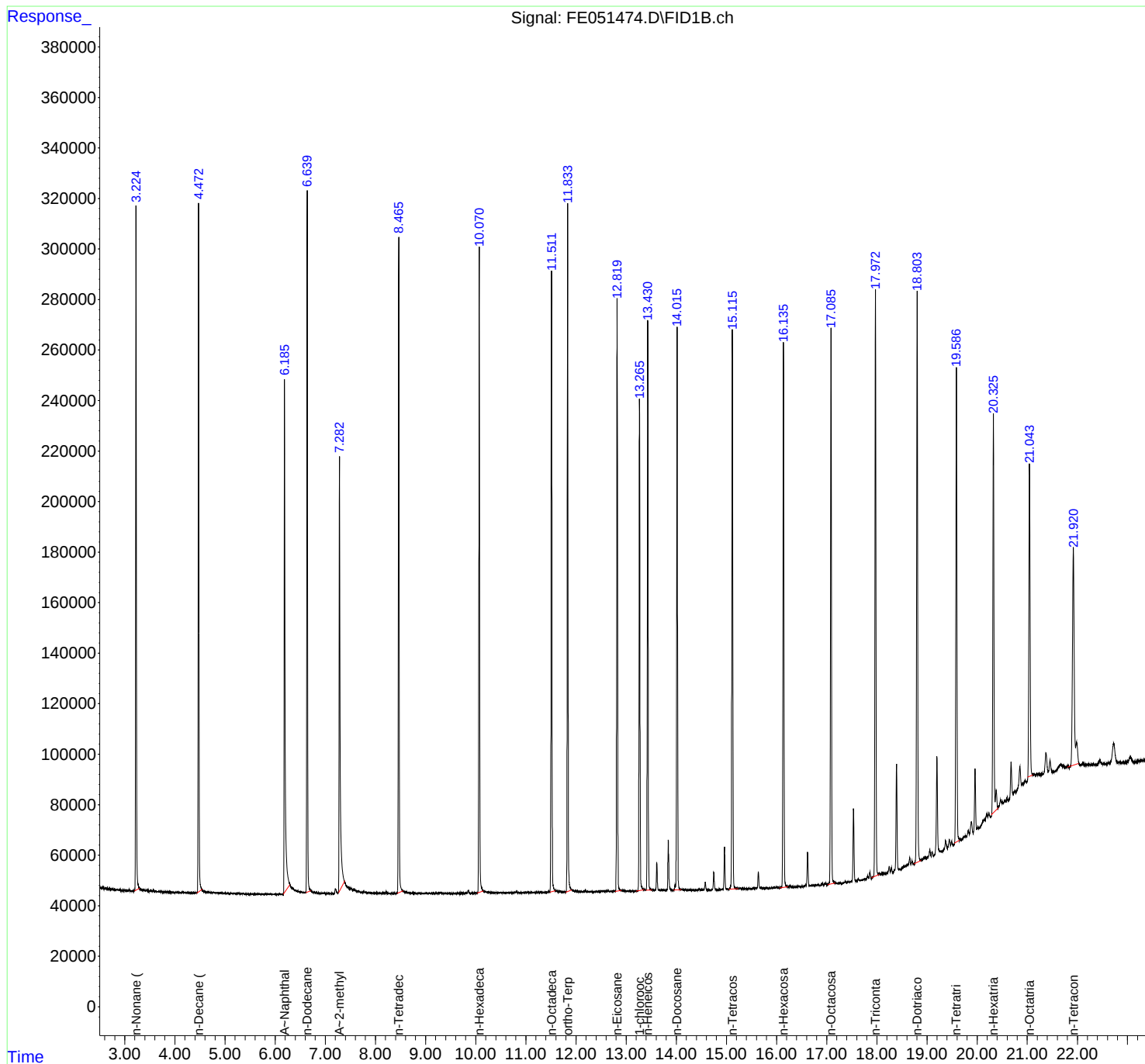
(m)=manual int.

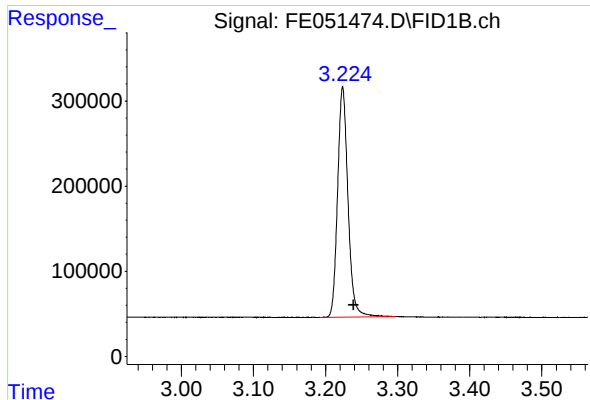
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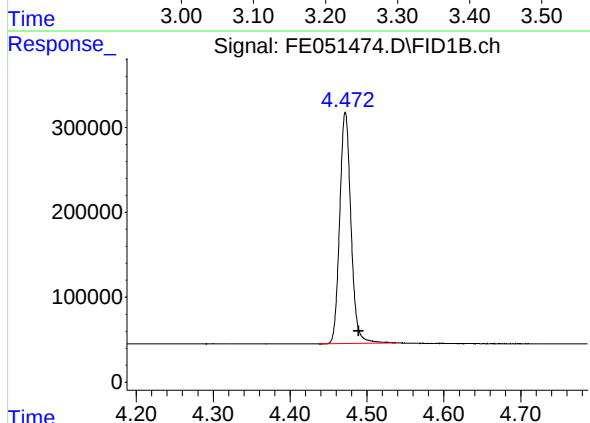




#1 n-Nonane (C9)

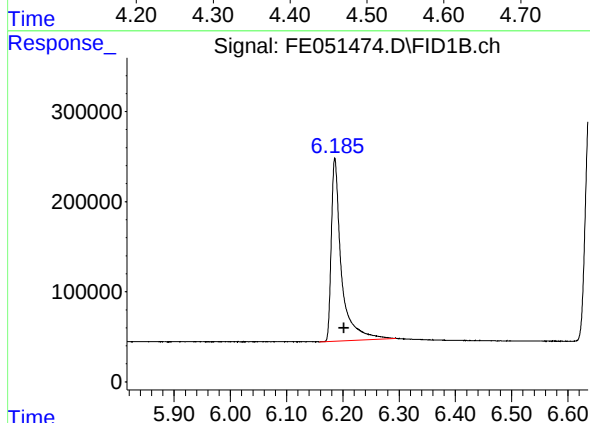
R.T.: 3.224 min
Delta R.T.: -0.015 min
Response: 2705629
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



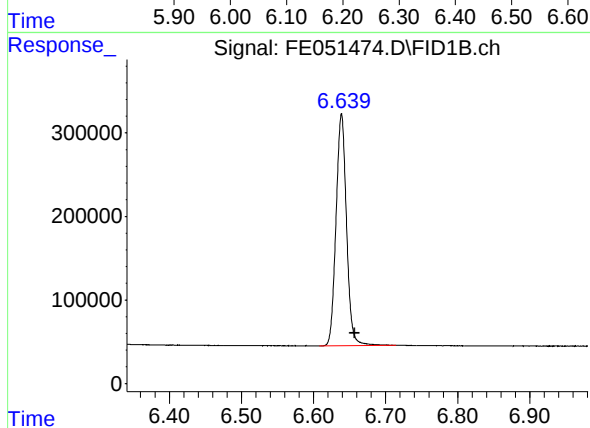
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.017 min
Response: 2766192
Conc: 19.73 ug/ml



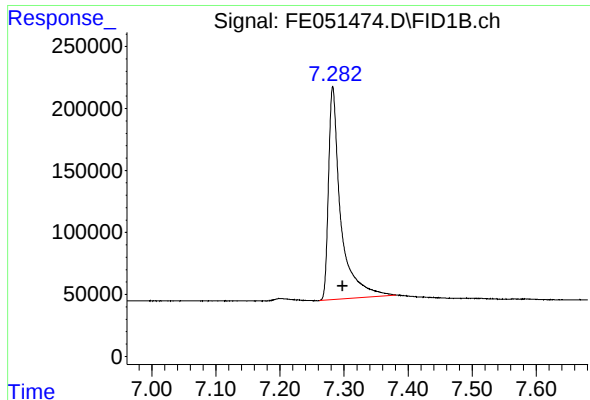
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.016 min
Response: 2536432
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

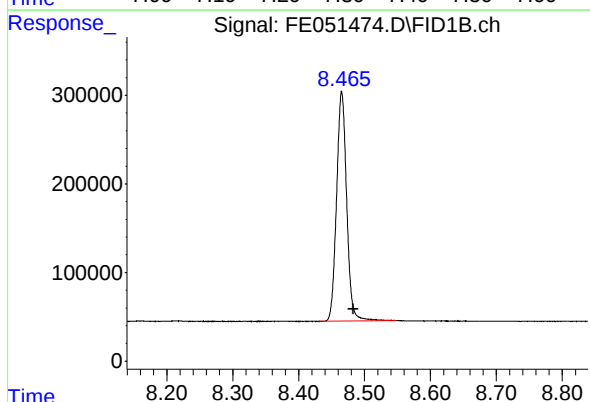
R.T.: 6.639 min
Delta R.T.: -0.018 min
Response: 2804861
Conc: 19.86 ug/ml



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

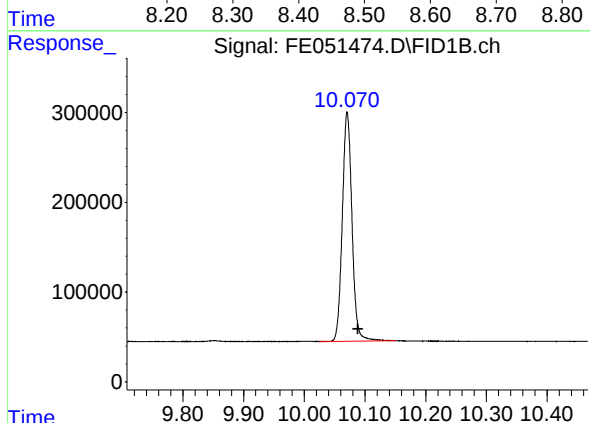
R.T.: 7.283 min
Delta R.T.: -0.015 min
Response: 2286174
Conc: 18.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



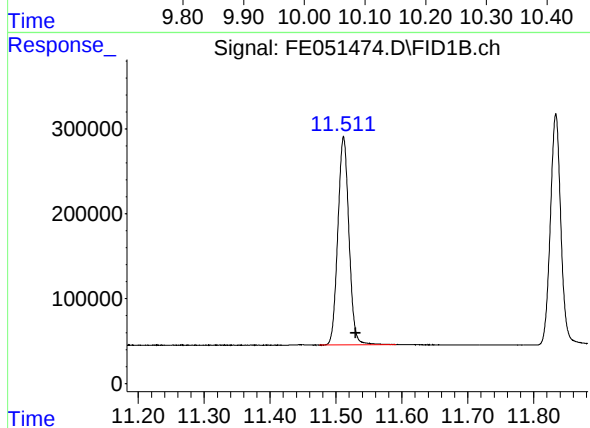
#6 n-Tetradecane (C14)

R.T.: 8.465 min
Delta R.T.: -0.018 min
Response: 2762053
Conc: 19.82 ug/ml



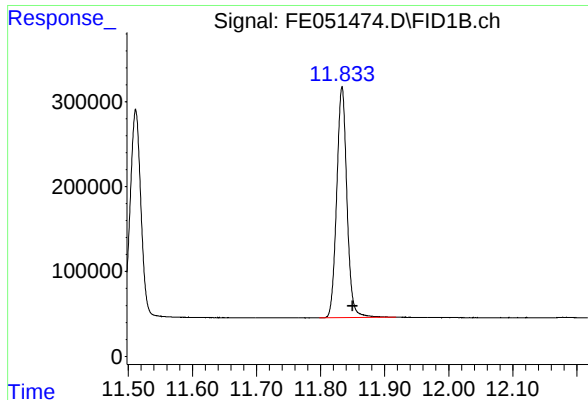
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.018 min
Response: 2827334
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

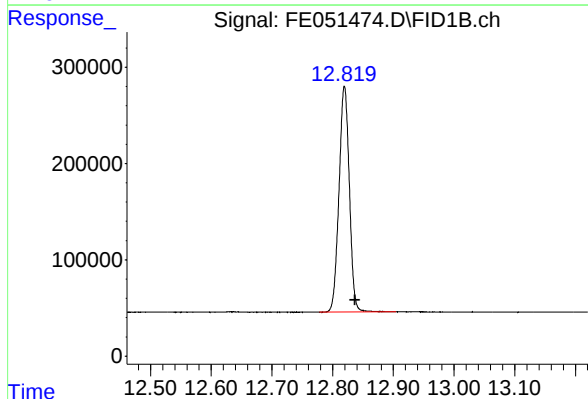
R.T.: 11.512 min
Delta R.T.: -0.018 min
Response: 2868362
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

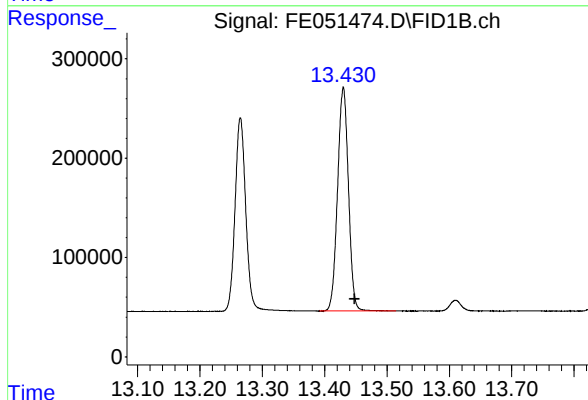
R.T.: 11.834 min
Delta R.T.: -0.017 min
Response: 3017582
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



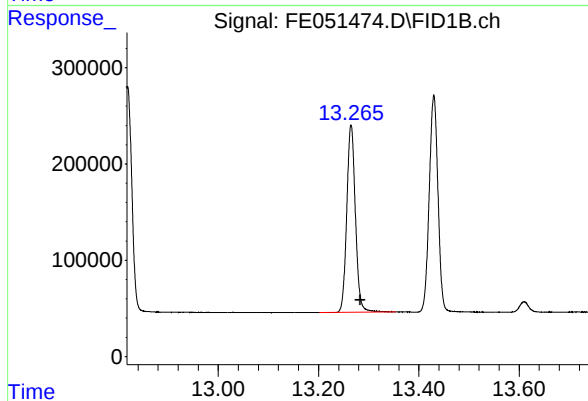
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.017 min
Response: 2783323
Conc: 20.34 ug/ml



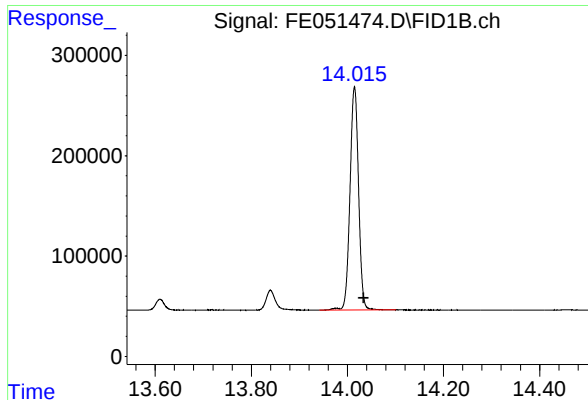
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.018 min
Response: 2727435
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

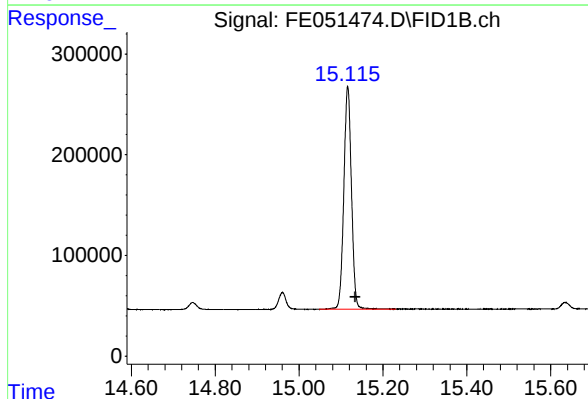
R.T.: 13.265 min
Delta R.T.: -0.018 min
Response: 2325286
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

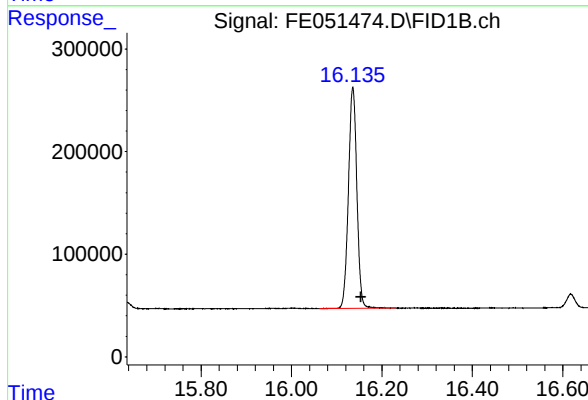
R.T.: 14.015 min
Delta R.T.: -0.019 min
Response: 2750670
Conc: 20.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



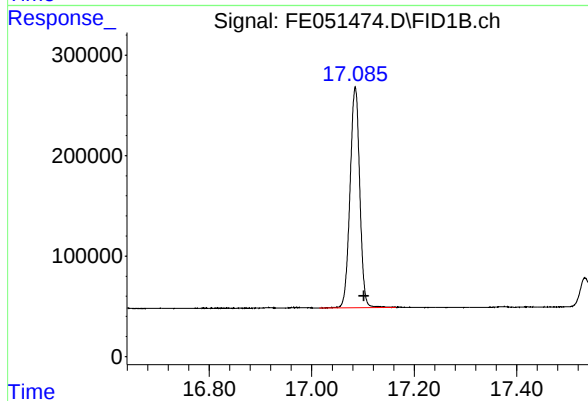
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.018 min
Response: 2796016
Conc: 21.08 ug/ml



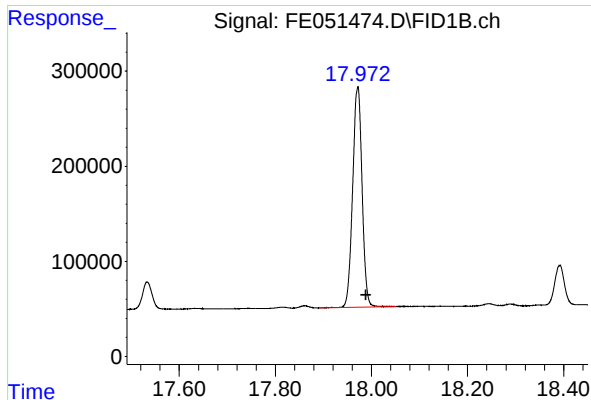
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.018 min
Response: 2792450
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

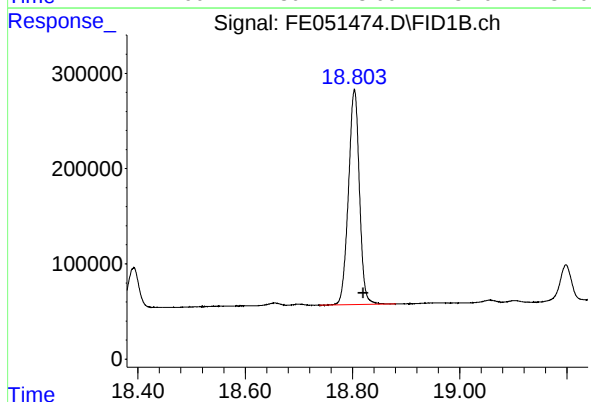
R.T.: 17.085 min
Delta R.T.: -0.017 min
Response: 2889655
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

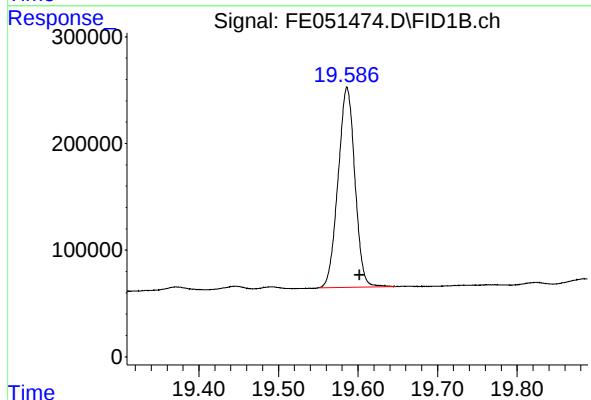
R.T.: 17.971 min
Delta R.T.: -0.018 min
Response: 3156895
Conc: 21.73 ug/ml

Instrument :
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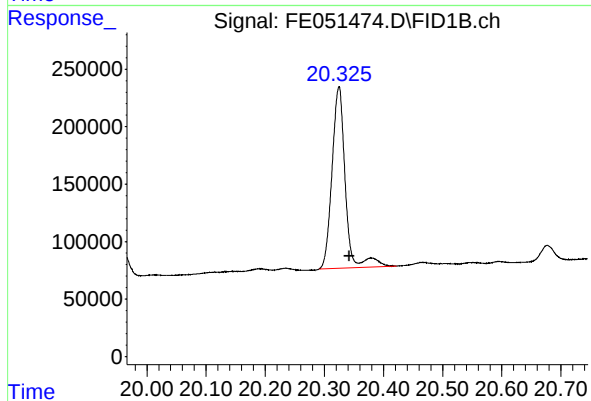
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.017 min
Response: 3214078
Conc: 21.65 ug/ml



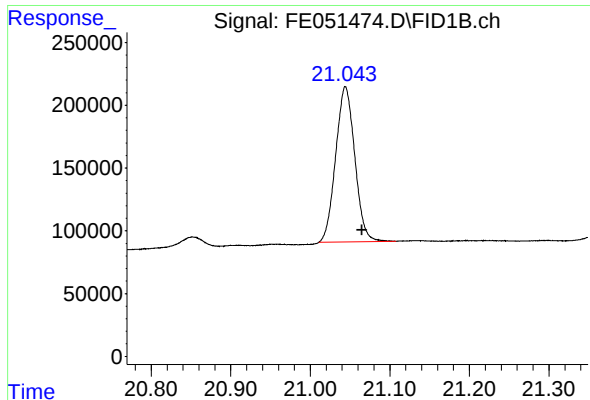
#19 n-Tetatriacontane (C34)

R.T.: 19.586 min
Delta R.T.: -0.016 min
Response: 2748656
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

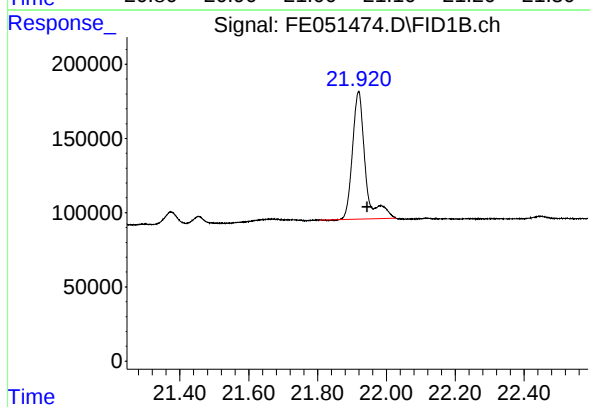
R.T.: 20.324 min
Delta R.T.: -0.018 min
Response: 2468301
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: -0.021 min
Response: 2060730
Conc: 18.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: -0.026 min
Response: 2215592
Conc: 19.92 ug/ml