

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070523AL\
 Data File : FE043081.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2023 14:08
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Ankita Jodhani 07/06/2023

Integration File: autoint1.e
 Quant Time: Jul 06 02:32:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.905	3494175	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.342	2576908	18.935 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.284	2893654	18.733 ug/ml
2) T n-Decane (C10)	4.536	2994039	18.955 ug/ml
3) T A~Naphthalene (C11.7)	6.246	3188080	18.828 ug/ml
4) T n-Dodecane (C12)	6.707	3040313	18.994 ug/ml
5) T A~2-methylnaphthalene...	7.344	3035411	18.721 ug/ml
6) T n-Tetradecane (C14)	8.536	3059165	19.222 ug/ml
7) T n-Hexadecane (C16)	10.144	3159286	19.182 ug/ml
8) T n-Octadecane (C18)	11.587	3191334	19.200 ug/ml
10) T n-Eicosane (C20)	12.897	3039245	19.153 ug/ml
11) T n-Heneicosane (C21)	13.507	2964640	19.162 ug/ml
13) T n-Docosane (C22)	14.094	2909604	19.101 ug/ml
14) T n-Tetracosane (C24)	15.197	2851879	19.221 ug/ml
15) T n-Hexacosane (C26)	16.219	2767767	19.360 ug/ml
16) T n-Octacosane (C28)	17.169	2759125	19.893 ug/ml
17) T n-Tricontane (C30)	18.057	2975177	21.037 ug/ml
18) T n-Dotriacontane (C32)	18.889	3028642	21.593 ug/ml
19) T n-Tetratriacontane (C34)	19.672	2919473	21.334 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2769789	20.711 ug/mlm
21) T n-Octatriacontane (C38)	21.151	2795754	20.506 ug/ml
22) T n-Tetracontane (C40)	22.066	2890596	20.776 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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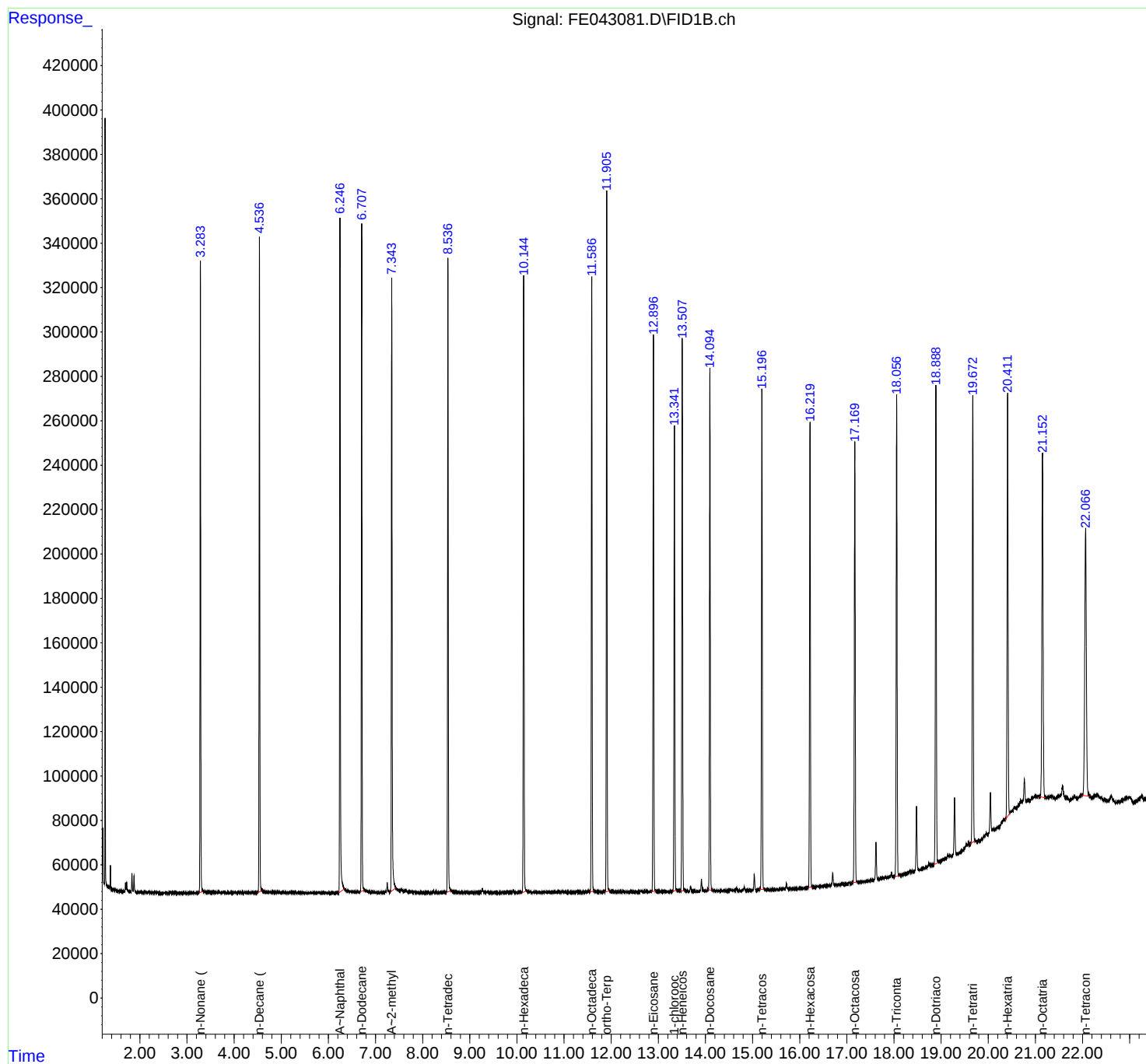
Instrument :
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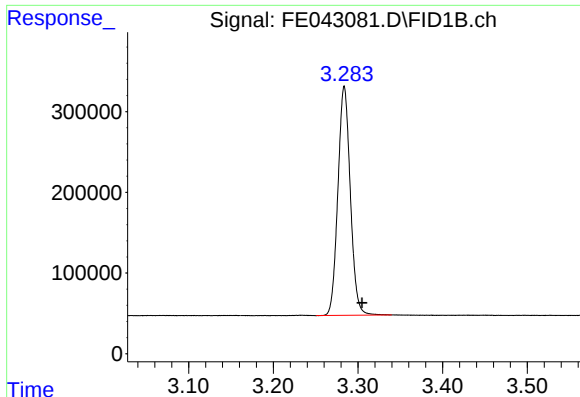
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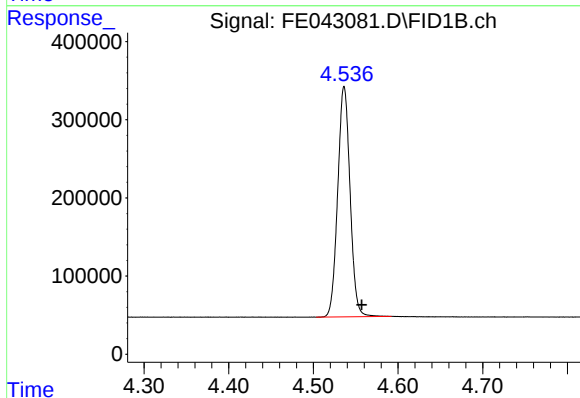
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.021 min
Response: 2893654
Conc: 18.73 ug/ml

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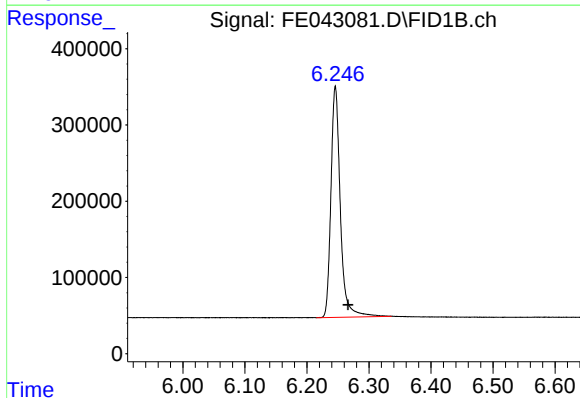
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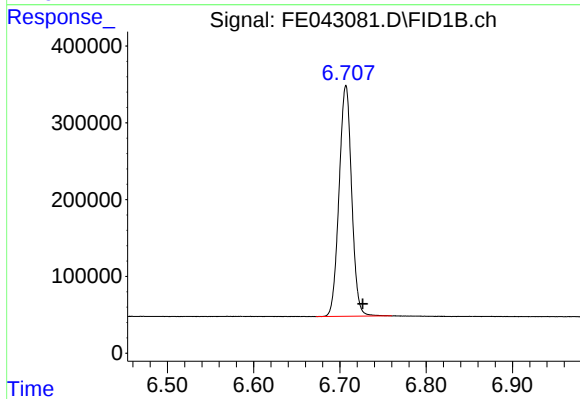
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.021 min
Response: 2994039
Conc: 18.95 ug/ml



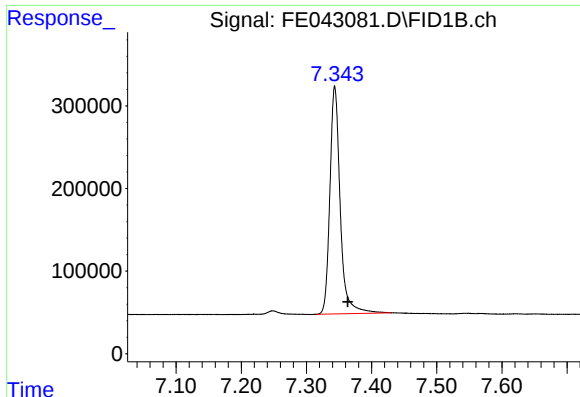
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.021 min
Response: 3188080
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 3040313
Conc: 18.99 ug/ml



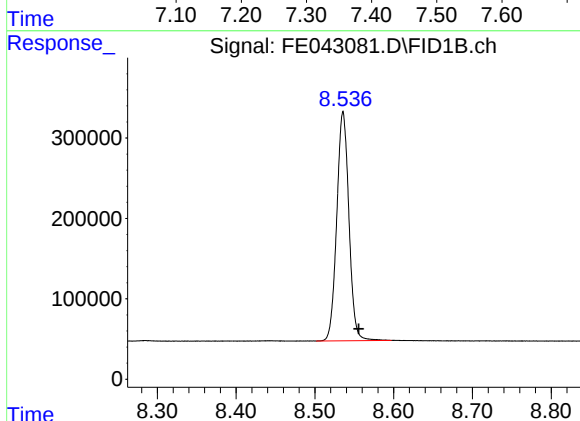
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.344 min
Delta R.T.: -0.020 min
Response: 3035411
Conc: 18.72 ug/ml

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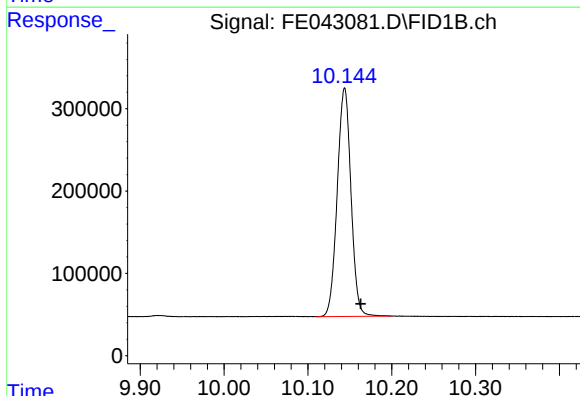
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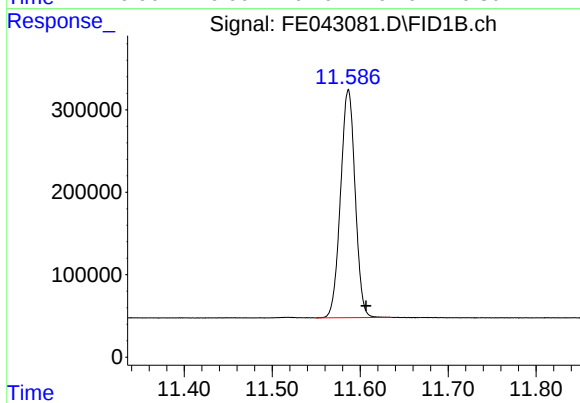
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.020 min
Response: 3059165
Conc: 19.22 ug/ml



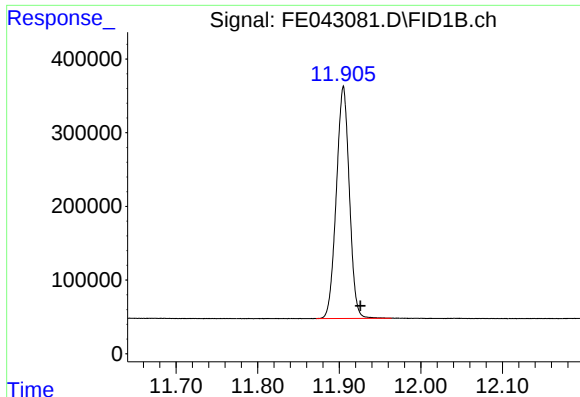
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 3159286
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.020 min
Response: 3191334
Conc: 19.20 ug/ml



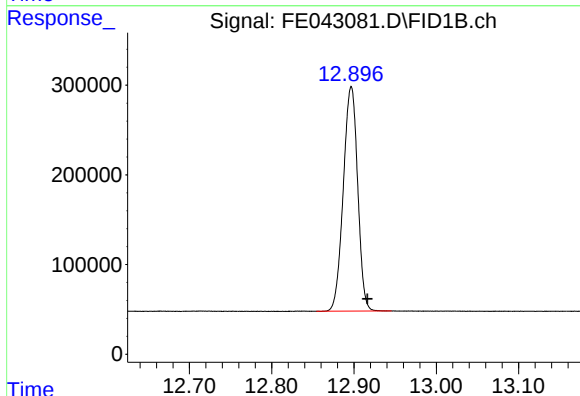
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.021 min
Response: 3494175
Conc: 19.02 ug/ml

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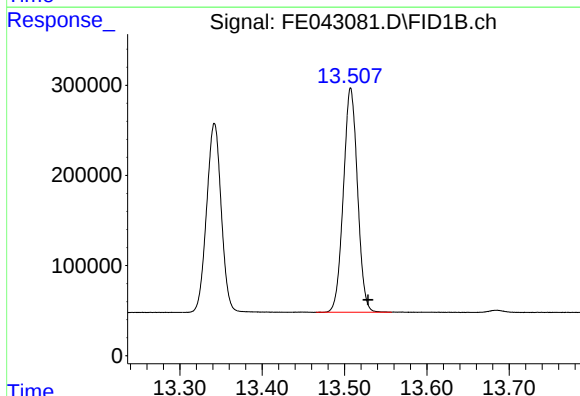
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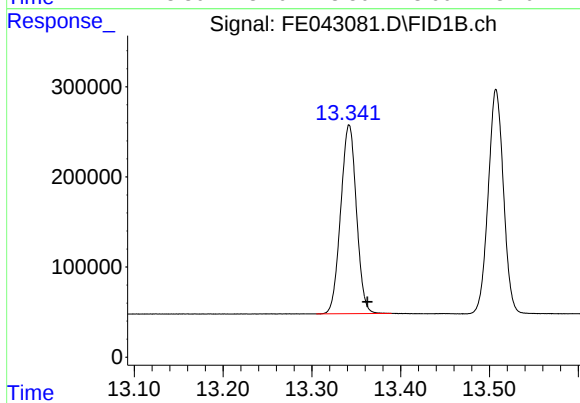
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.020 min
Response: 3039245
Conc: 19.15 ug/ml



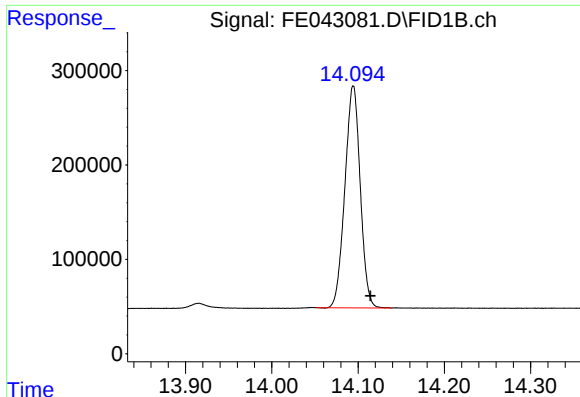
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.021 min
Response: 2964640
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.021 min
Response: 2576908
Conc: 18.94 ug/ml



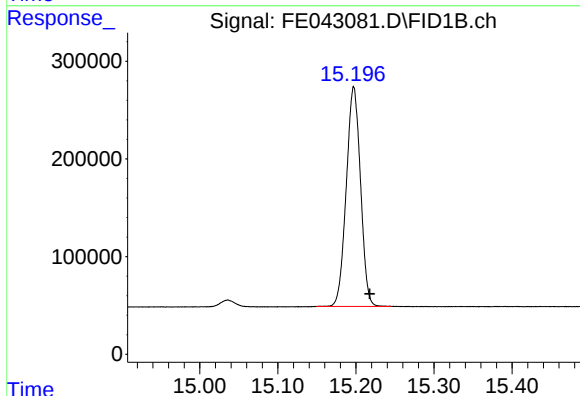
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.020 min
Response: 2909604
Conc: 19.10 ug/ml

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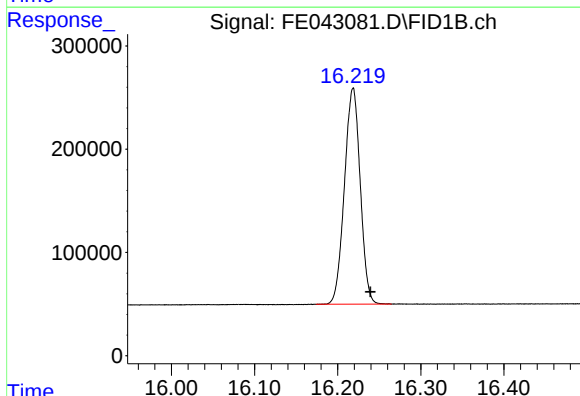
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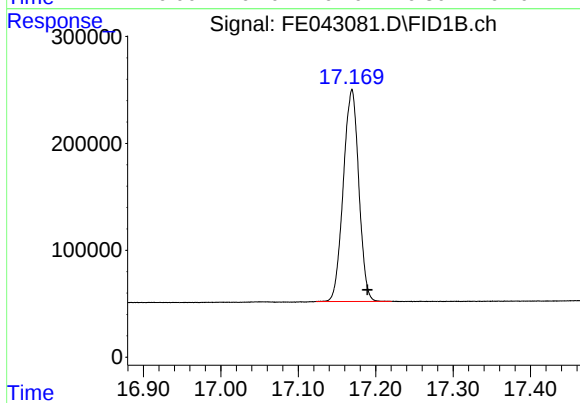
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.021 min
Response: 2851879
Conc: 19.22 ug/ml



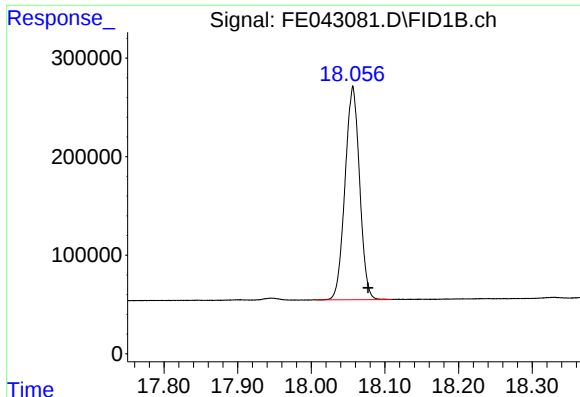
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.021 min
Response: 2767767
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: -0.020 min
Response: 2759125
Conc: 19.89 ug/ml



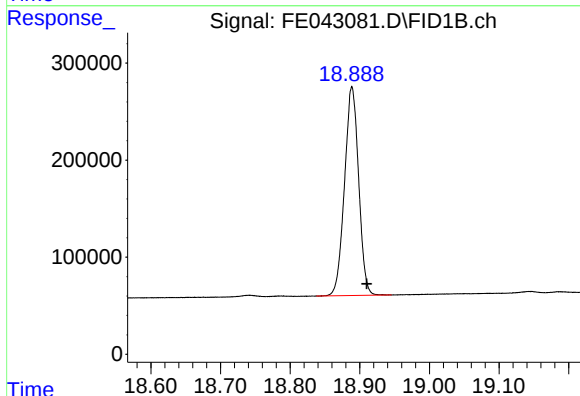
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.021 min
Response: 2975177
Conc: 21.04 ug/ml

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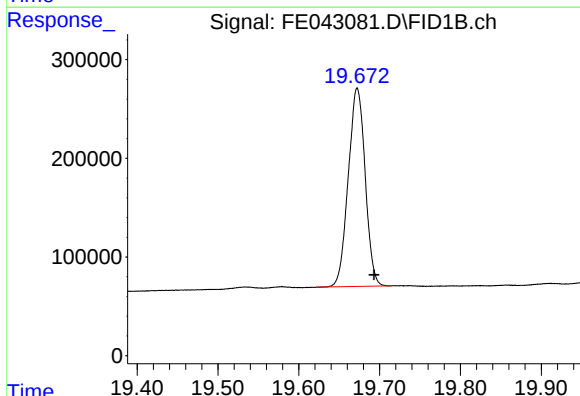
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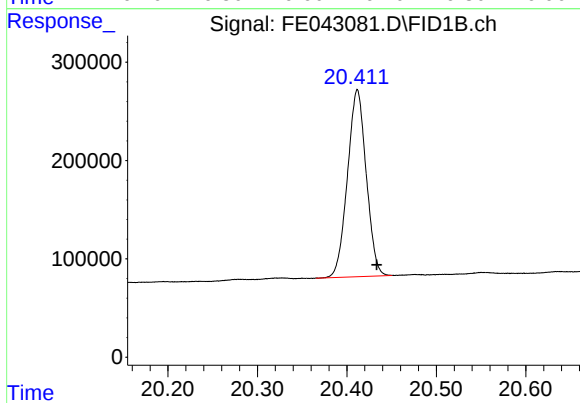
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 3028642
Conc: 21.59 ug/ml



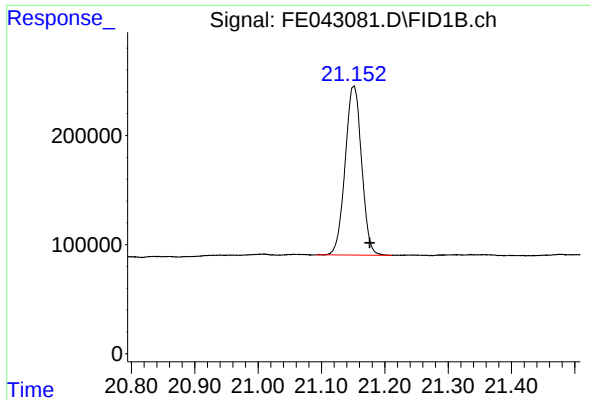
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.021 min
Response: 2919473
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.022 min
Response: 2769789
Conc: 20.71 ug/ml m



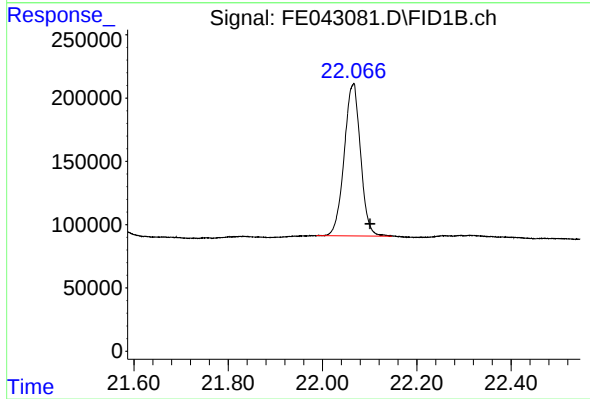
#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.026 min
Response: 2795754
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.035 min
Response: 2890596
Conc: 20.78 ug/ml