

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051480.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 12:29
 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 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: sample.E
 Quant Time: Nov 28 03:04:26 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)	11.832	3148962	20.980 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	13.264	2414168	21.264 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
Target Compounds			
1) T n-Nonane (C9)	3.223	2865127	20.706 ug/ml
2) T n-Decane (C10)	4.471	2942987	20.995 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2873525	21.794 ug/ml
4) T n-Dodecane (C12)	6.638	2948771	20.884 ug/ml
5) T A~2-methylnaphthalene...	7.282	2662135	21.281 ug/ml
6) T n-Tetradecane (C14)	8.464	2905021	20.845 ug/ml
7) T n-Hexadecane (C16)	10.069	2975208	20.966 ug/ml
8) T n-Octadecane (C18)	11.511	3008901	21.070 ug/ml
10) T n-Eicosane (C20)	12.818	2881956	21.058 ug/ml
11) T n-Heneicosane (C21)	13.429	2839970	21.250 ug/ml
13) T n-Docosane (C22)	14.014	2867596	21.569 ug/ml
14) T n-Tetracosane (C24)	15.115	2893881	21.815 ug/ml
15) T n-Hexacosane (C26)	16.134	2893364	21.613 ug/ml
16) T n-Octacosane (C28)	17.082	3003393	22.030 ug/ml
17) T n-Tricontane (C30)	17.968	3254403	22.400 ug/ml
18) T n-Dotriacontane (C32)	18.800	3265368	21.992 ug/ml
19) T n-Tetratriacontane (C34)	19.583	2774170	20.646 ug/ml
20) T n-Hexatriacontane (C36)	20.321	2344632	19.650 ug/ml
21) T n-Octatriacontane (C38)	21.041	2080013	18.275 ug/mlm
22) T n-Tetracontane (C40)	21.916	2089913	18.791 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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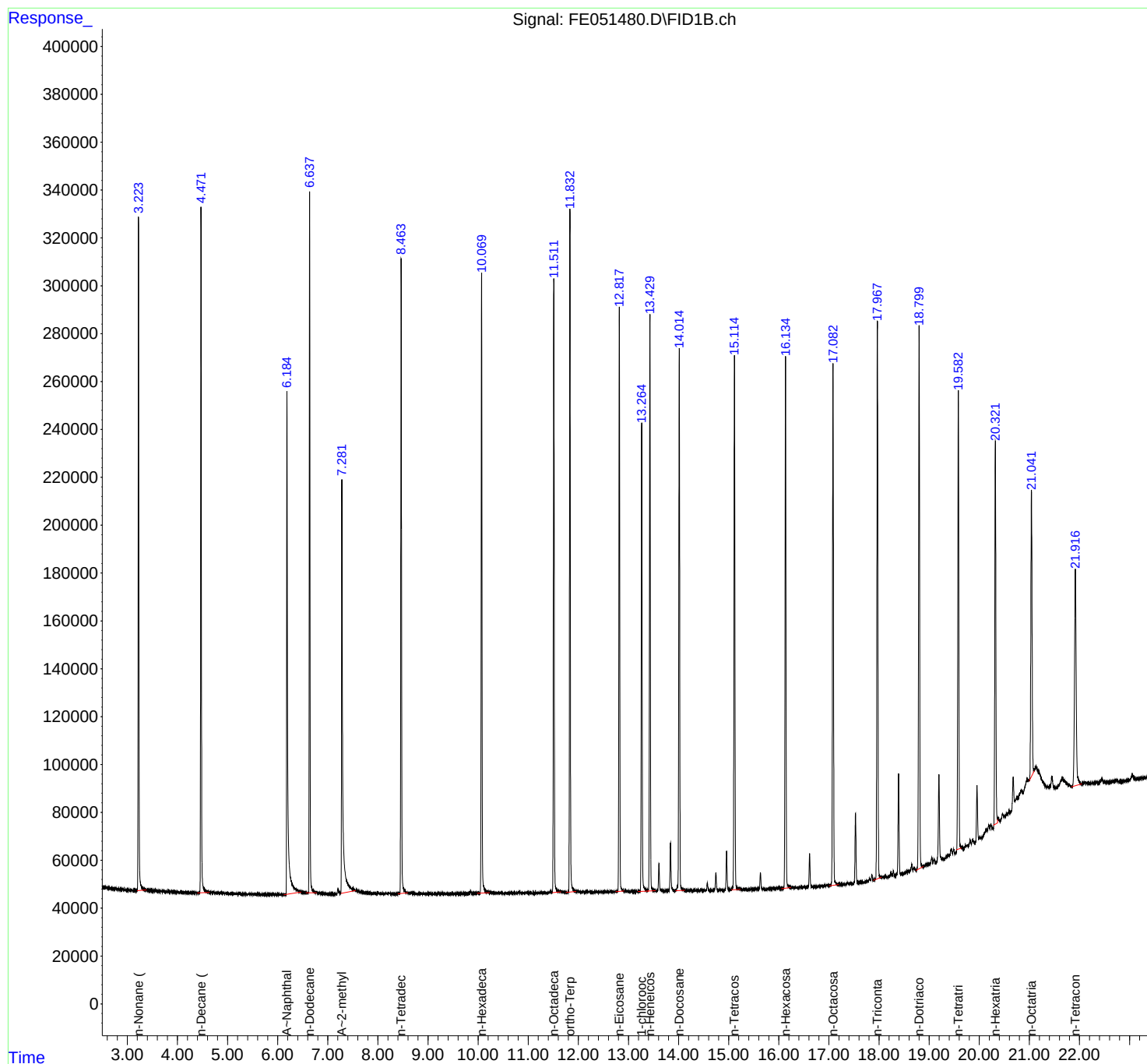
Instrument :
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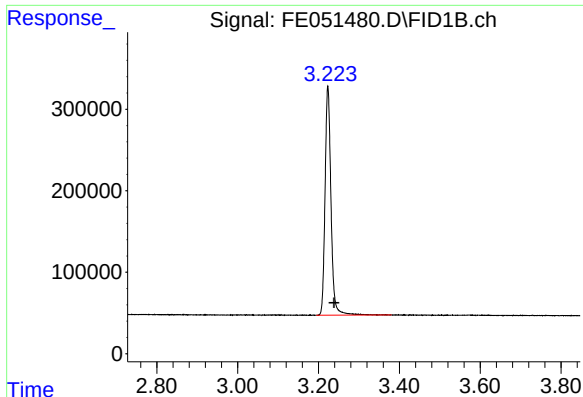
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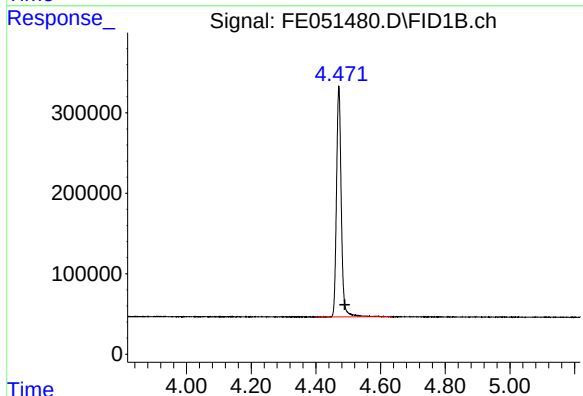
#1 n-Nonane (C9)

R.T.: 3.223 min
Delta R.T.: -0.016 min
Response: 2865127
Conc: 20.71 ug/ml

Instrument :
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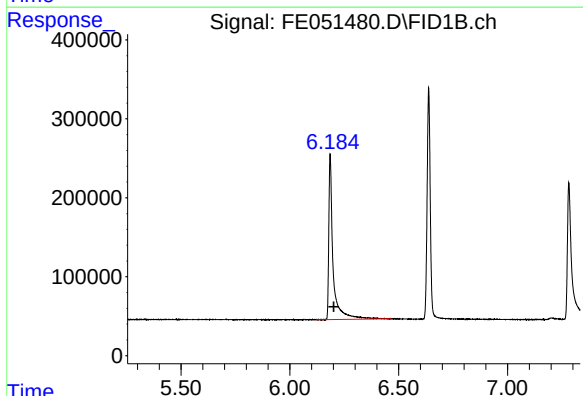
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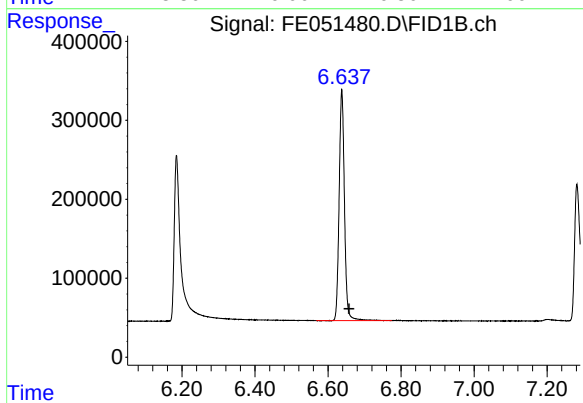
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.018 min
Response: 2942987
Conc: 20.99 ug/ml



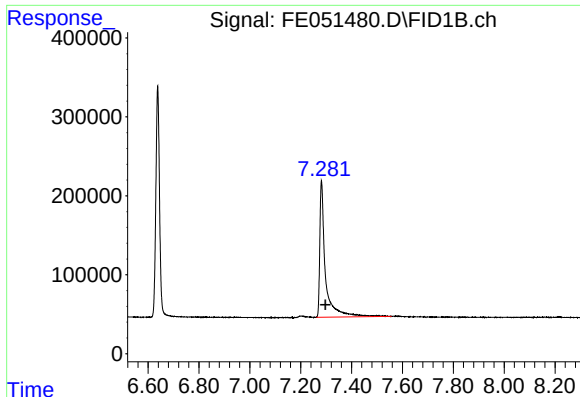
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.017 min
Response: 2873525
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.019 min
Response: 2948771
Conc: 20.88 ug/ml



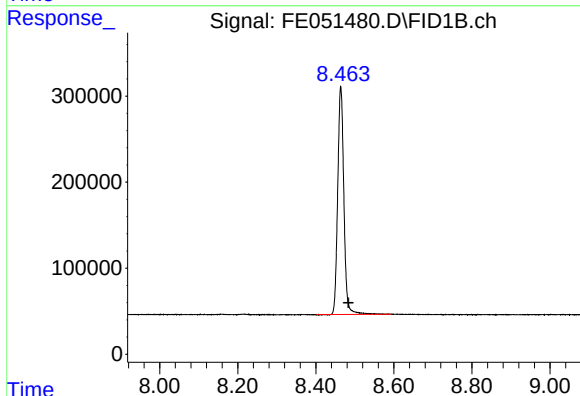
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.016 min
Response: 2662135
Conc: 21.28 ug/ml

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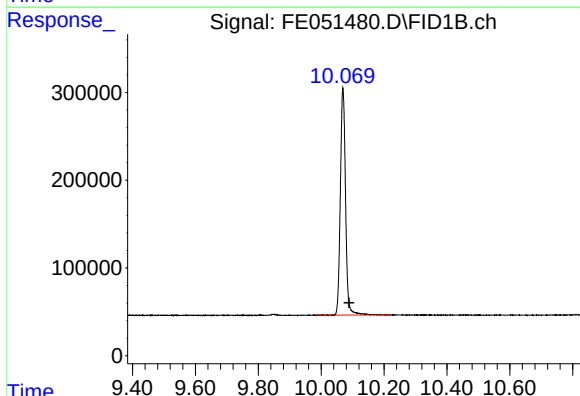
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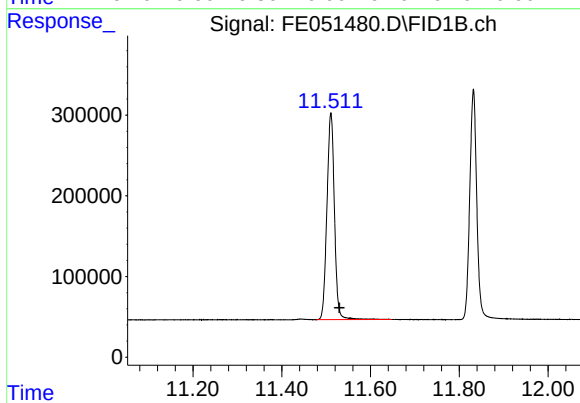
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.019 min
Response: 2905021
Conc: 20.84 ug/ml



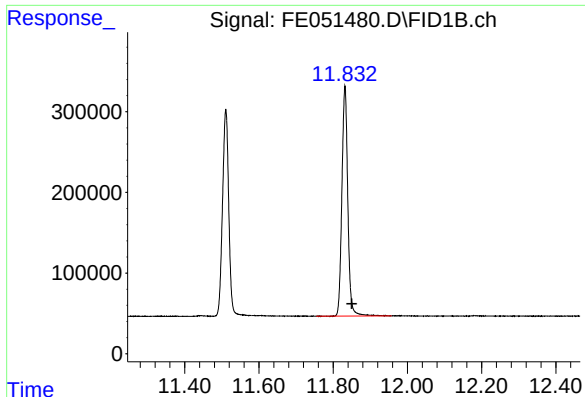
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.019 min
Response: 2975208
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.019 min
Response: 3008901
Conc: 21.07 ug/ml



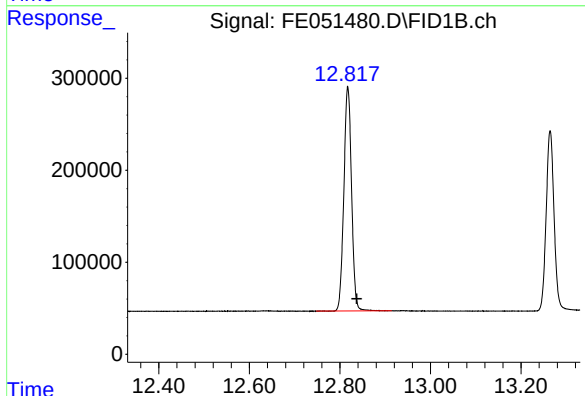
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.019 min
Response: 3148962
Conc: 20.98 ug/ml

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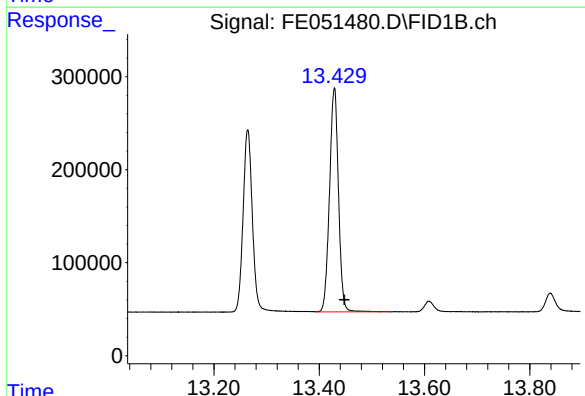
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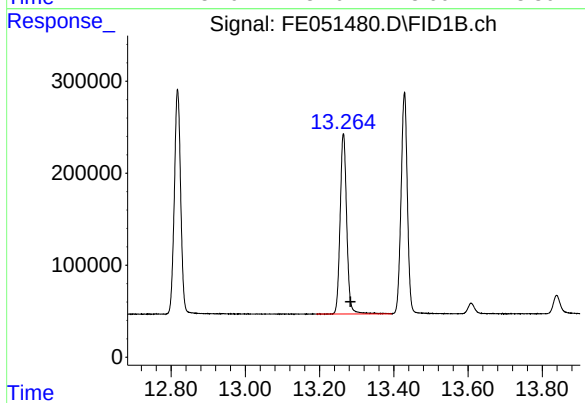
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: -0.019 min
Response: 2881956
Conc: 21.06 ug/ml



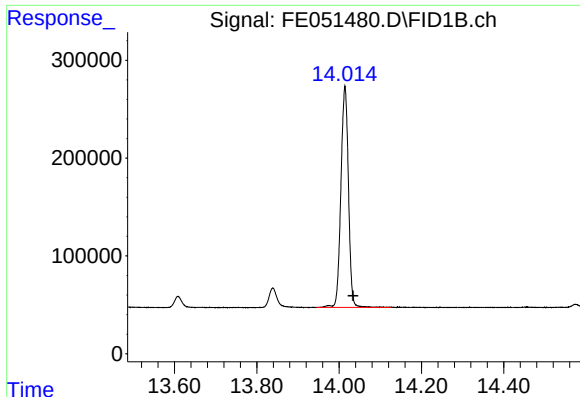
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: -0.019 min
Response: 2839970
Conc: 21.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: -0.019 min
Response: 2414168
Conc: 21.26 ug/ml



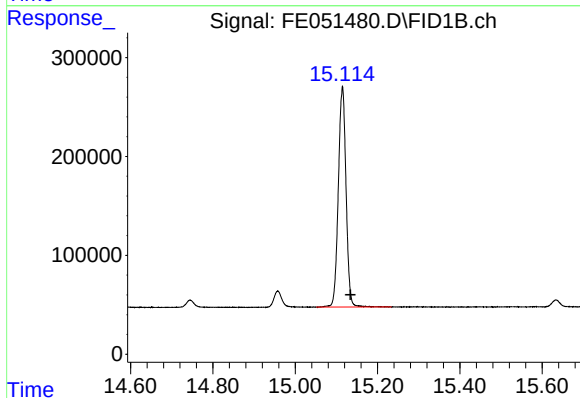
#13 n-Docosane (C22)

R.T.: 14.014 min
Delta R.T.: -0.019 min
Response: 2867596
Conc: 21.57 ug/ml

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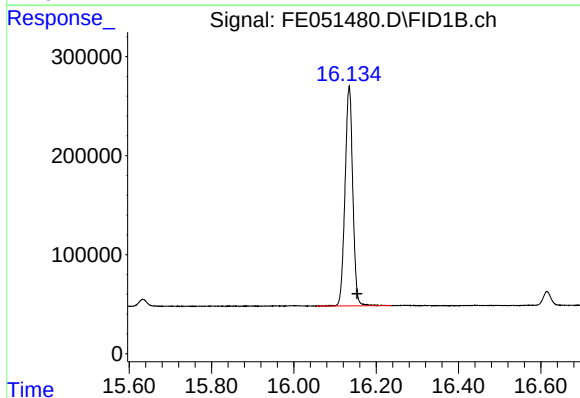
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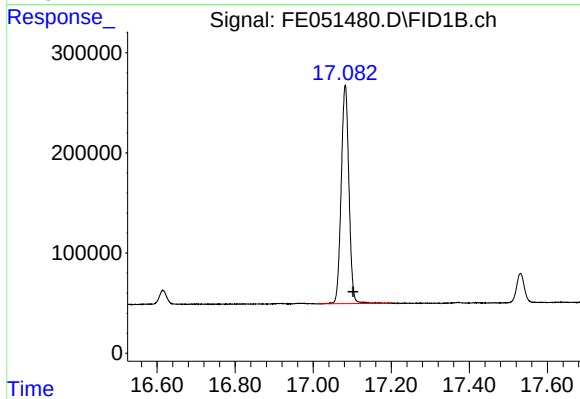
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: -0.020 min
Response: 2893881
Conc: 21.81 ug/ml



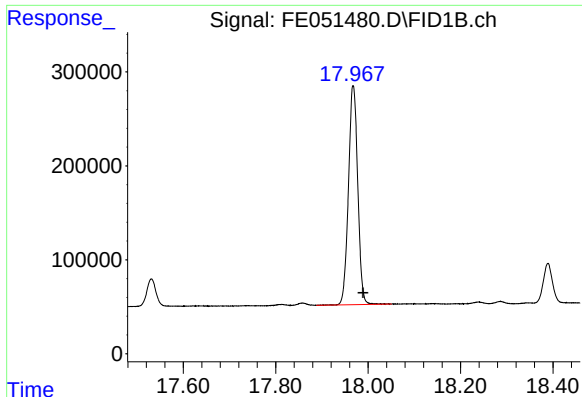
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.019 min
Response: 2893364
Conc: 21.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.020 min
Response: 3003393
Conc: 22.03 ug/ml



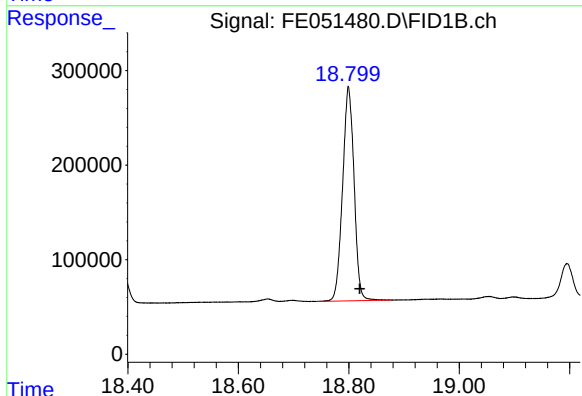
#17 n-Tricontane (C30)

R.T.: 17.968 min
Delta R.T.: -0.021 min
Response: 3254403
Conc: 22.40 ug/ml

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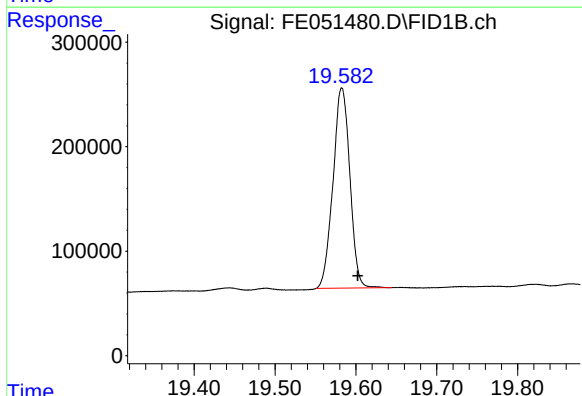
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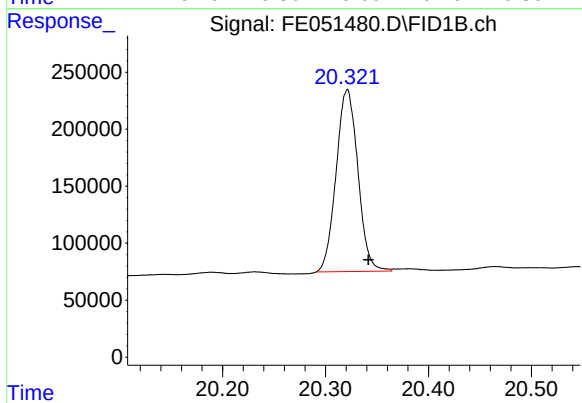
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: -0.020 min
Response: 3265368
Conc: 21.99 ug/ml



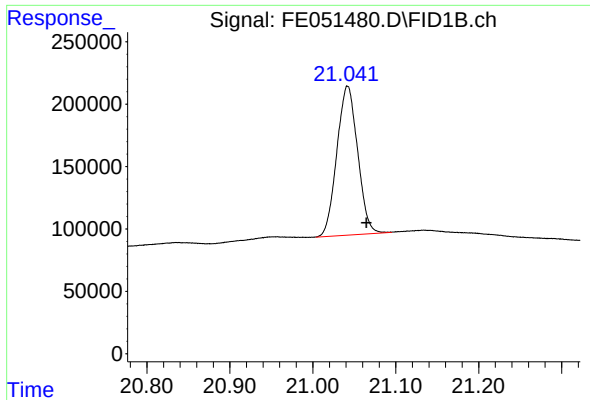
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: -0.020 min
Response: 2774170
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.321 min
Delta R.T.: -0.021 min
Response: 2344632
Conc: 19.65 ug/ml



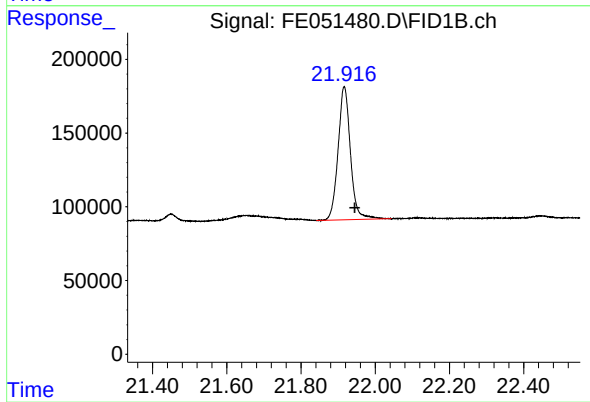
#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.024 min
Response: 2080013
Conc: 18.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.916 min
Delta R.T.: -0.028 min
Response: 2089913
Conc: 18.79 ug/ml