

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120924AL\
 Data File : FE051581.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2024 09:04
 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 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 02:10:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.825	3351442	22.178 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
12) S 1-chlorooctadecane (S...	13.258	2461505	22.026 ug/ml
Spiked Amount 50.000		Recovery =	44.05%
Target Compounds			
1) T n-Nonane (C9)	3.217	3077697	21.960 ug/ml
2) T n-Decane (C10)	4.465	3149863	22.212 ug/ml
3) T A~Naphthalene (C11.7)	6.178	2925229	22.128 ug/ml
4) T n-Dodecane (C12)	6.631	3186474	22.386 ug/ml
5) T A~2-methylnaphthalene...	7.275	2672859	22.280 ug/ml
6) T n-Tetradecane (C14)	8.457	3130675	22.458 ug/ml
7) T n-Hexadecane (C16)	10.062	3172958	22.332 ug/ml
8) T n-Octadecane (C18)	11.503	3198615	22.257 ug/ml
10) T n-Eicosane (C20)	12.810	3063278	22.191 ug/ml
11) T n-Heneicosane (C21)	13.421	3004333	22.164 ug/ml
13) T n-Docosane (C22)	14.007	2974655	22.215 ug/ml
14) T n-Tetracosane (C24)	15.107	2946065	22.296 ug/ml
15) T n-Hexacosane (C26)	16.126	2910080	22.441 ug/ml
16) T n-Octacosane (C28)	17.075	2888688	22.657 ug/ml
17) T n-Tricontane (C30)	17.962	2948247	22.770 ug/ml
18) T n-Dotriacontane (C32)	18.793	2876123	22.974 ug/ml
19) T n-Tetratriacontane (C34)	19.575	2523243	22.341 ug/ml
20) T n-Hexatriacontane (C36)	20.316	2113455	21.945 ug/ml
21) T n-Octatriacontane (C38)	21.034	1959889	21.526 ug/ml
22) T n-Tetracontane (C40)	21.907	2099124	23.953 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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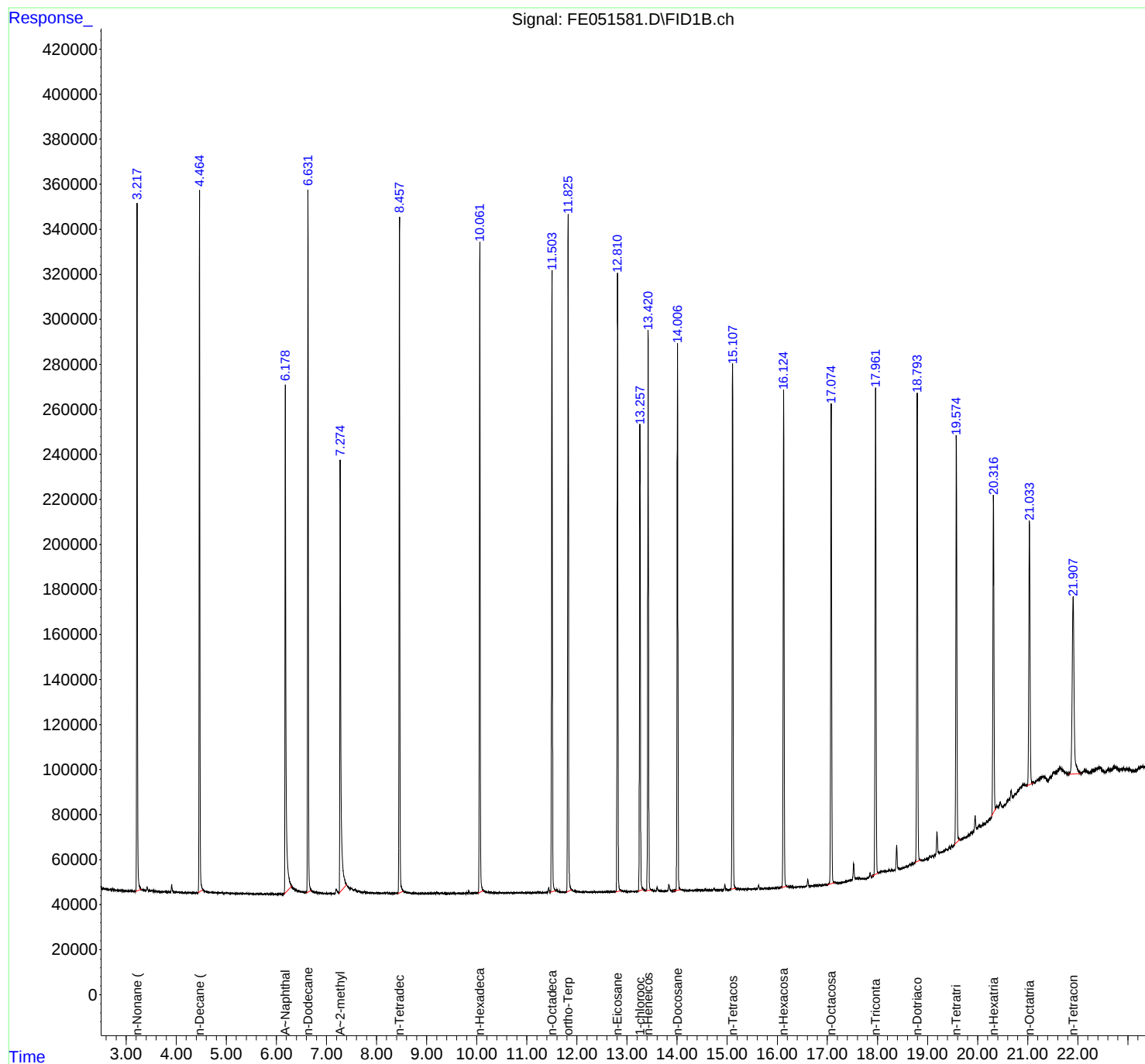
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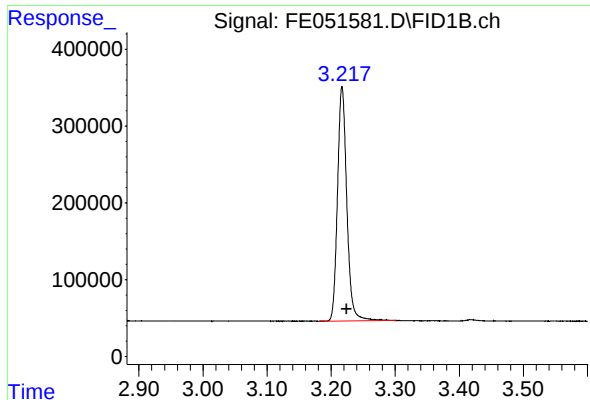
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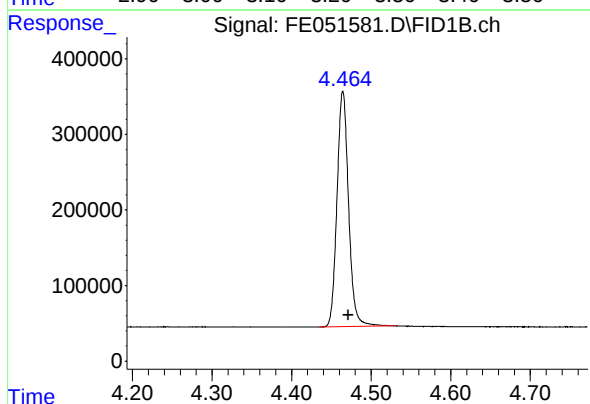
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.007 min
Response: 3077697
Conc: 21.96 ug/ml

Instrument :
FID_E
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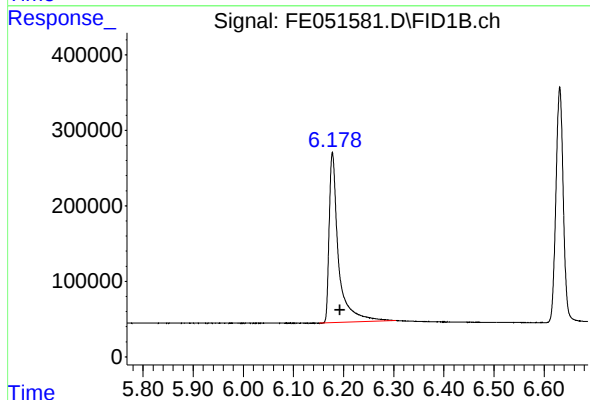
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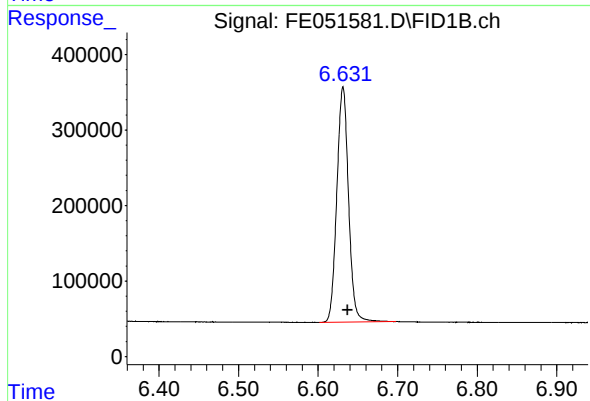
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.007 min
Response: 3149863
Conc: 22.21 ug/ml



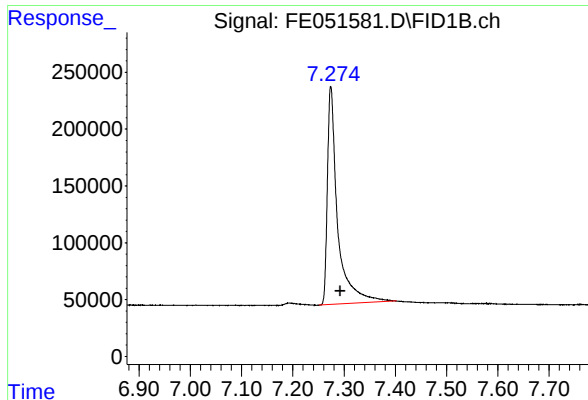
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.014 min
Response: 2925229
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.006 min
Response: 3186474
Conc: 22.39 ug/ml



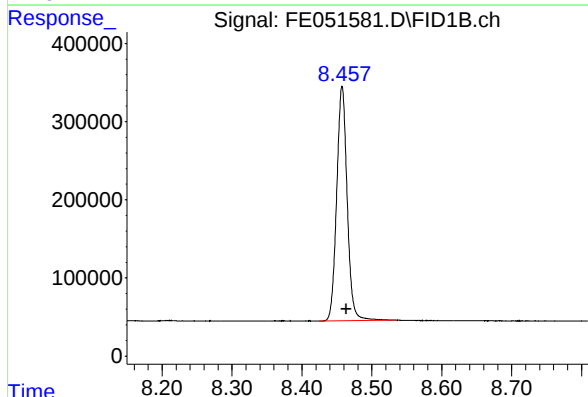
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.018 min
Response: 2672859
Conc: 22.28 ug/ml

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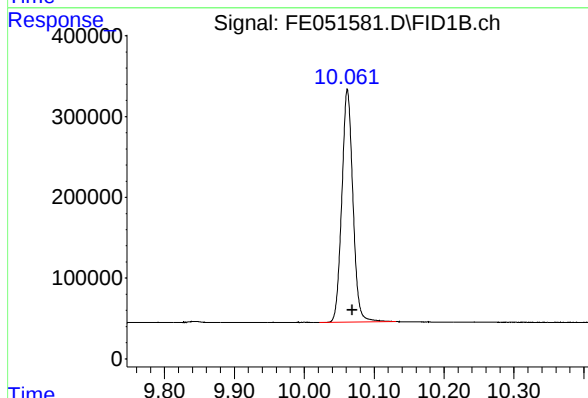
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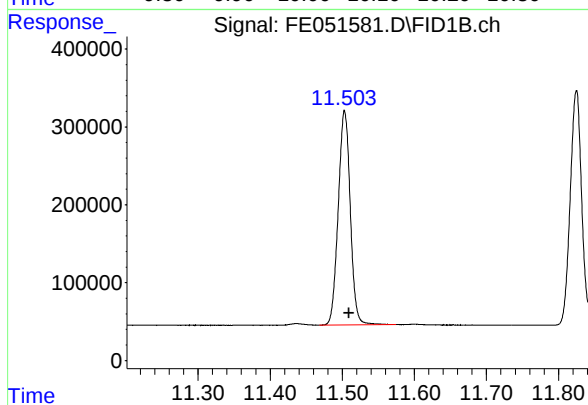
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.006 min
Response: 3130675
Conc: 22.46 ug/ml



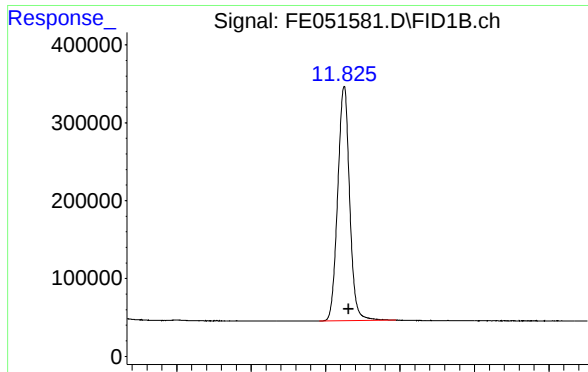
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.007 min
Response: 3172958
Conc: 22.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.503 min
Delta R.T.: -0.006 min
Response: 3198615
Conc: 22.26 ug/ml



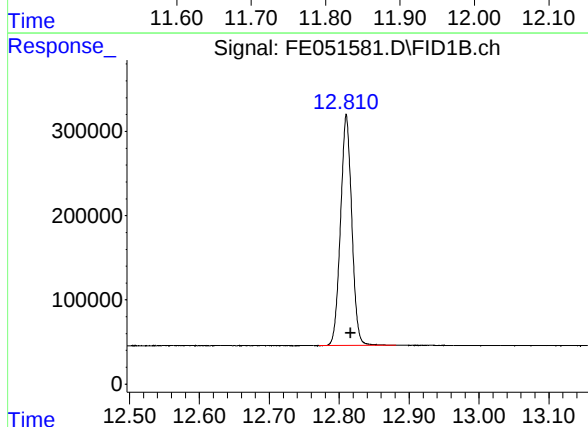
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: -0.006 min
Response: 3351442
Conc: 22.18 ug/ml

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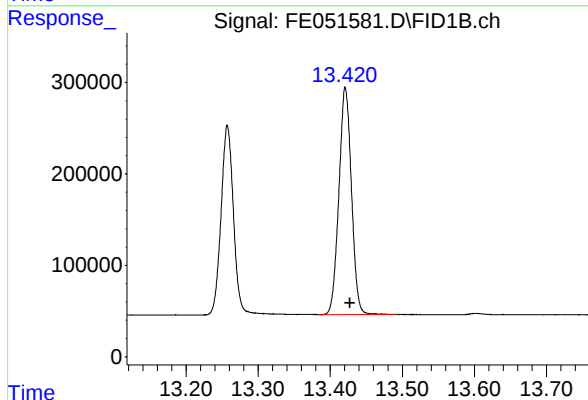
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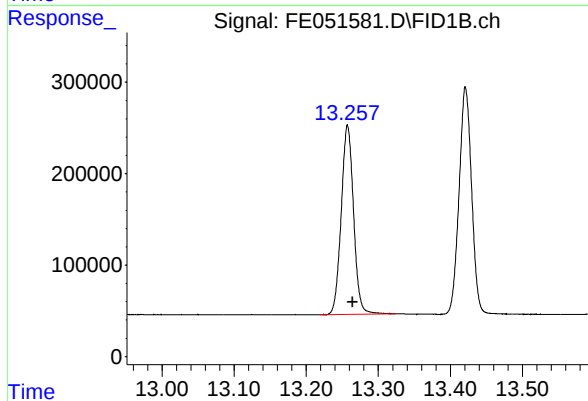
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.006 min
Response: 3063278
Conc: 22.19 ug/ml



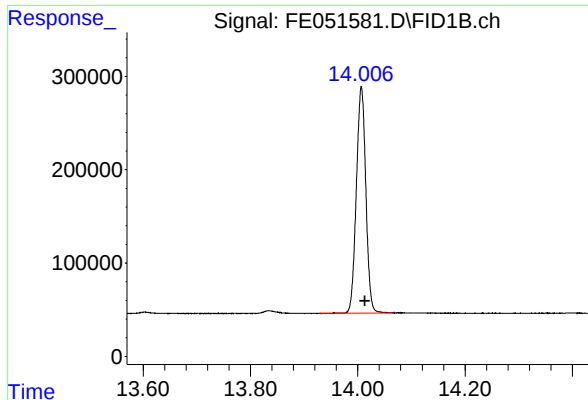
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.007 min
Response: 3004333
Conc: 22.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.007 min
Response: 2461505
Conc: 22.03 ug/ml



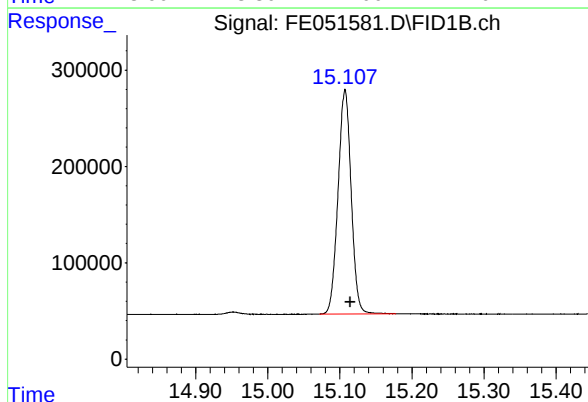
#13 n-Docosane (C22)

R.T.: 14.007 min
Delta R.T.: -0.006 min
Response: 2974655
Conc: 22.22 ug/ml

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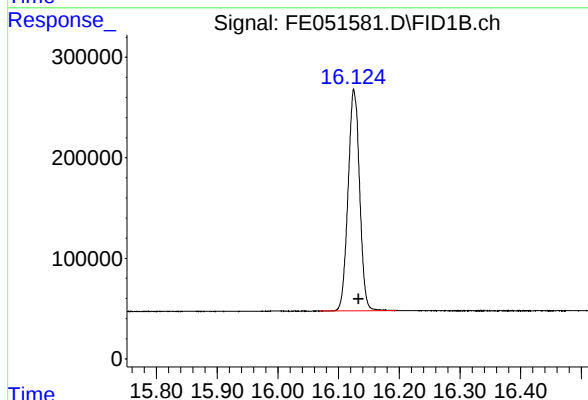
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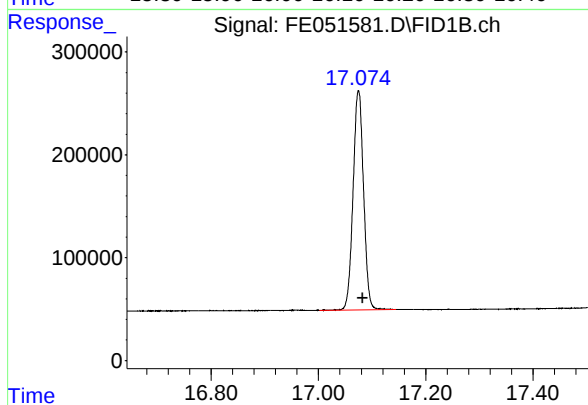
#14 n-Tetracosane (C24)

R.T.: 15.107 min
Delta R.T.: -0.008 min
Response: 2946065
Conc: 22.30 ug/ml



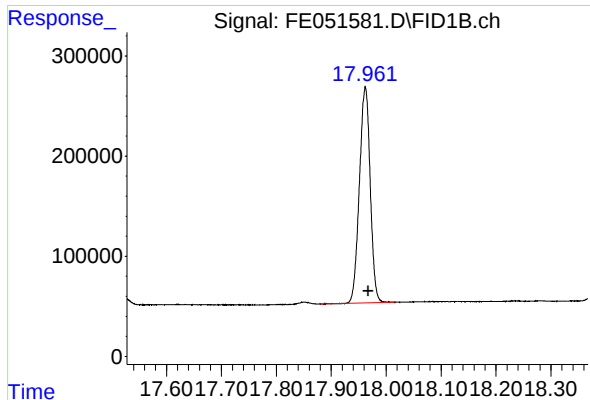
#15 n-Hexacosane (C26)

R.T.: 16.126 min
Delta R.T.: -0.008 min
Response: 2910080
Conc: 22.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.075 min
Delta R.T.: -0.008 min
Response: 2888688
Conc: 22.66 ug/ml



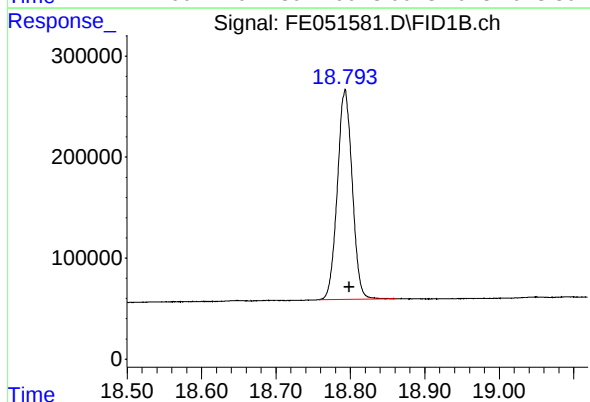
#17 n-Tricontane (C30)

R.T.: 17.962 min
Delta R.T.: -0.006 min
Response: 2948247
Conc: 22.77 ug/ml

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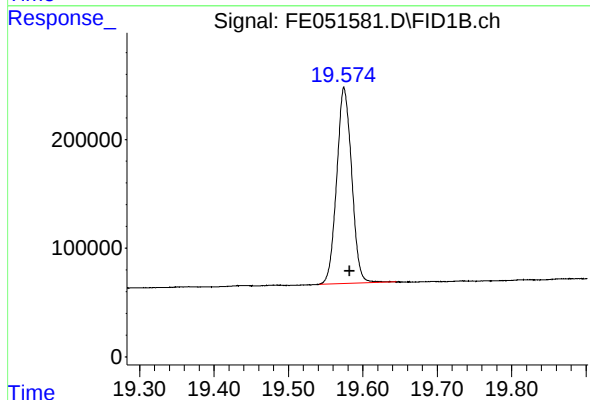
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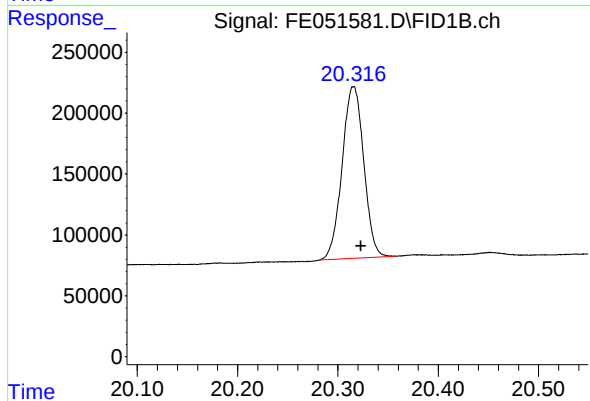
#18 n-Dotriacontane (C32)

R.T.: 18.793 min
Delta R.T.: -0.006 min
Response: 2876123
Conc: 22.97 ug/ml



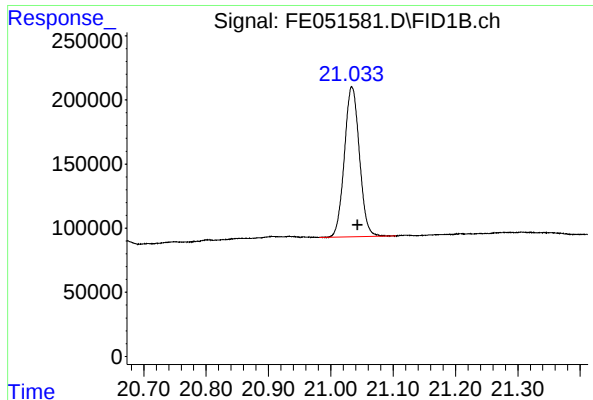
#19 n-Tetratriacontane (C34)

R.T.: 19.575 min
Delta R.T.: -0.007 min
Response: 2523243
Conc: 22.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.316 min
Delta R.T.: -0.008 min
Response: 2113455
Conc: 21.95 ug/ml



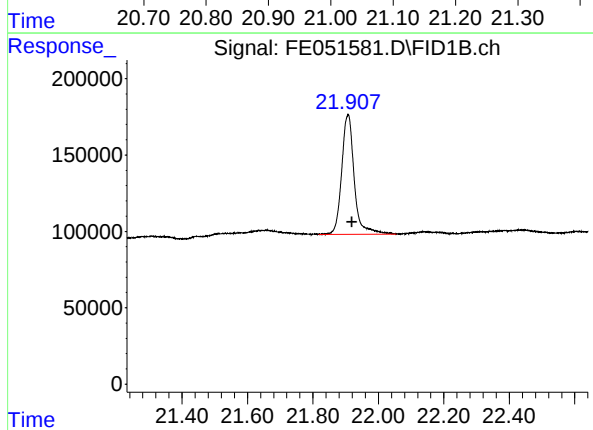
#21 n-Octatriacontane (C38)

R.T.: 21.034 min
Delta R.T.: -0.009 min
Response: 1959889
Conc: 21.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.012 min
Response: 2099124
Conc: 23.95 ug/ml m