

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120922AL\
 Data File : FE039211.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2022 12:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2022
 Supervised By :Ankita Jodhani 12/12/2022

Integration File: autoint1.e
 Quant Time: Dec 11 03:03:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.940	3230110	20.648 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	13.376	2457341	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.335	2743972	19.358 ug/ml
2) T n-Decane (C10)	4.585	2696419	19.346 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3113727	19.577 ug/ml
4) T n-Dodecane (C12)	6.748	2722722	19.316 ug/ml
5) T A~2-methylnaphthalene...	7.382	2919393	19.506 ug/ml
6) T n-Tetradecane (C14)	8.573	2776583	19.441 ug/ml
7) T n-Hexadecane (C16)	10.179	2887982	19.752 ug/ml
8) T n-Octadecane (C18)	11.622	2966318	20.159 ug/ml
10) T n-Eicosane (C20)	12.931	2909325	20.494 ug/ml
11) T n-Heneicosane (C21)	13.543	2936216	20.663 ug/mlm
13) T n-Docosane (C22)	14.128	2911044	20.825 ug/ml
14) T n-Tetracosane (C24)	15.231	2882070	20.869 ug/ml
15) T n-Hexacosane (C26)	16.251	2811522	20.932 ug/ml
16) T n-Octacosane (C28)	17.200	2772207	20.875 ug/ml
17) T n-Tricontane (C30)	18.087	2769750	20.973 ug/ml
18) T n-Dotriacontane (C32)	18.921	2742156	20.561 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2600199	19.650 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2382770	18.547 ug/mlm
21) T n-Octatriacontane (C38)	21.184	2318695	17.695 ug/ml
22) T n-Tetracontane (C40)	22.098	2206291	16.203 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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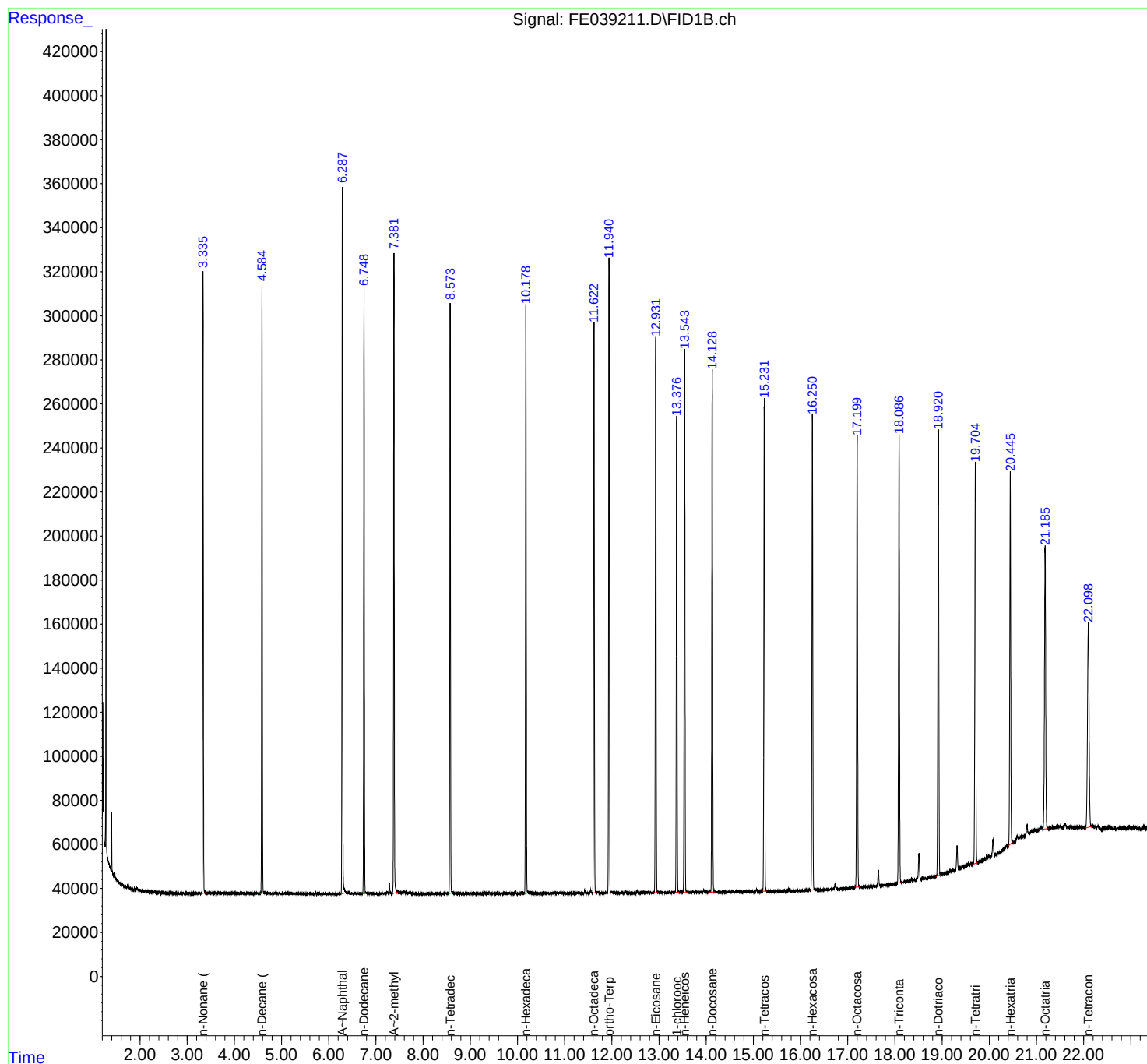
Instrument :
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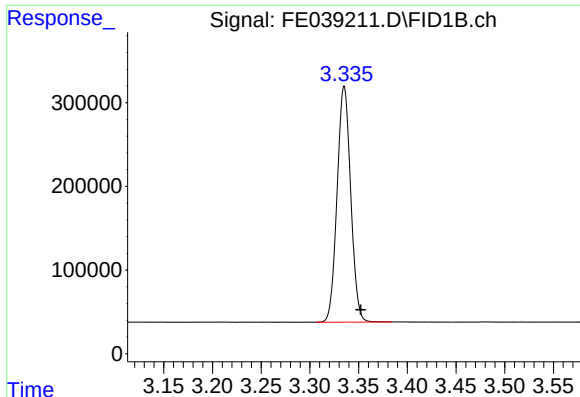
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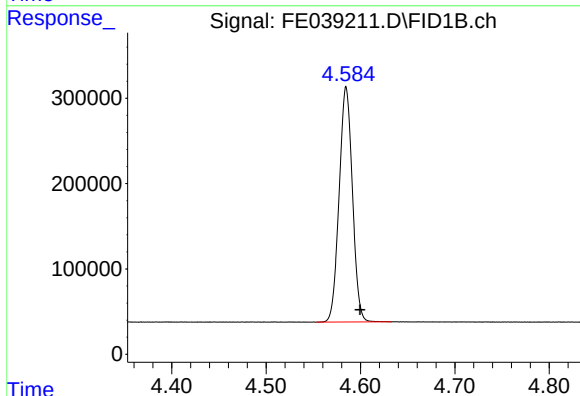
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.017 min
Response: 2743972
Conc: 19.36 ug/ml

Instrument :
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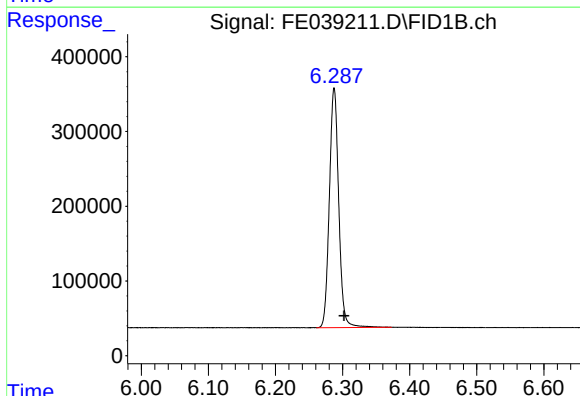
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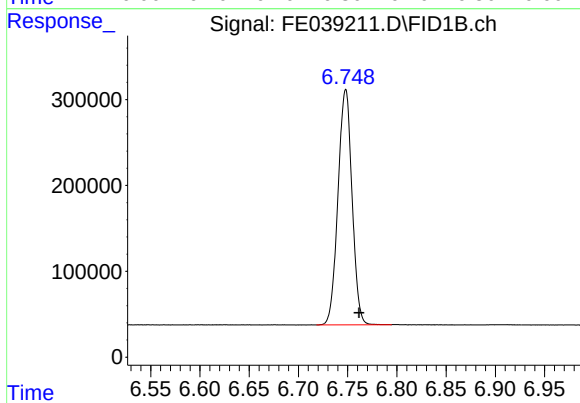
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.015 min
Response: 2696419
Conc: 19.35 ug/ml



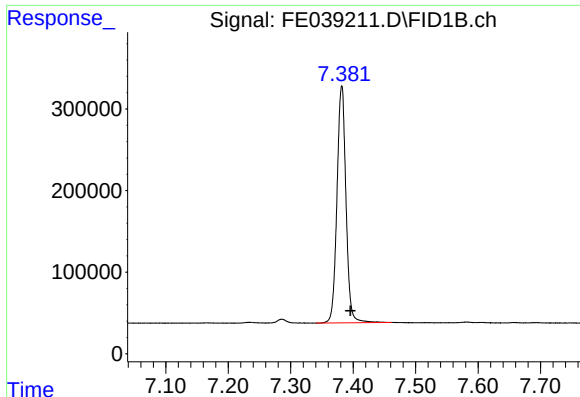
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.015 min
Response: 3113727
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.748 min
Delta R.T.: -0.013 min
Response: 2722722
Conc: 19.32 ug/ml



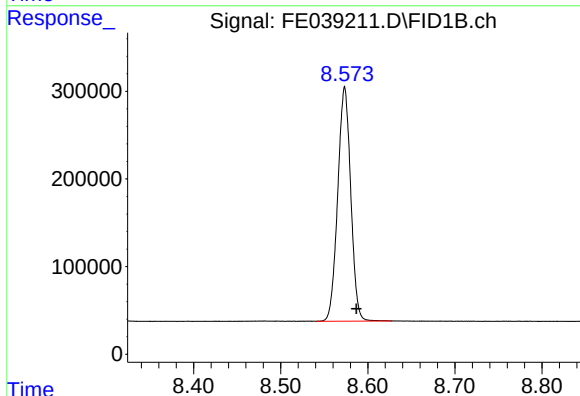
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 2919393
Conc: 19.51 ug/ml

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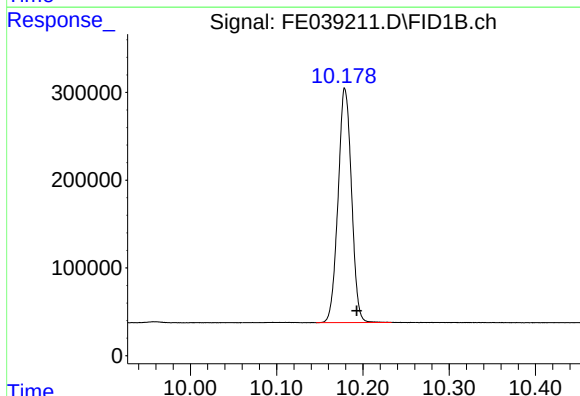
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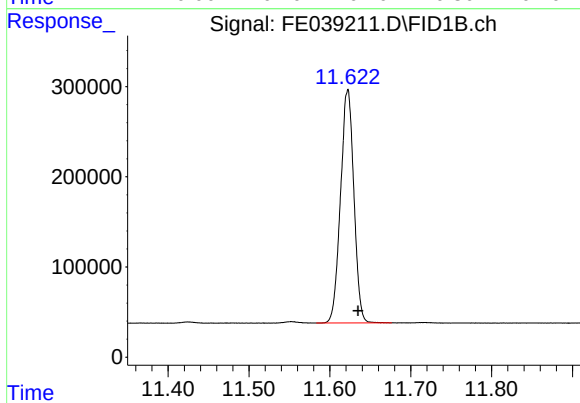
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.014 min
Response: 2776583
Conc: 19.44 ug/ml



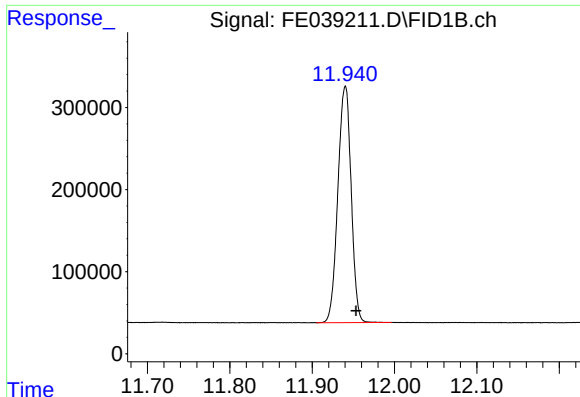
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.014 min
Response: 2887982
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 2966318
Conc: 20.16 ug/ml



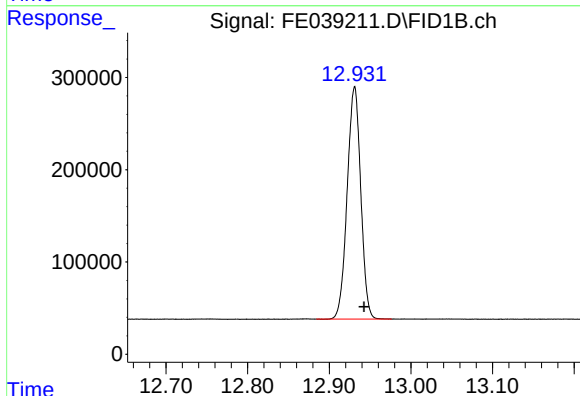
#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.013 min
Response: 3230110
Conc: 20.65 ug/ml

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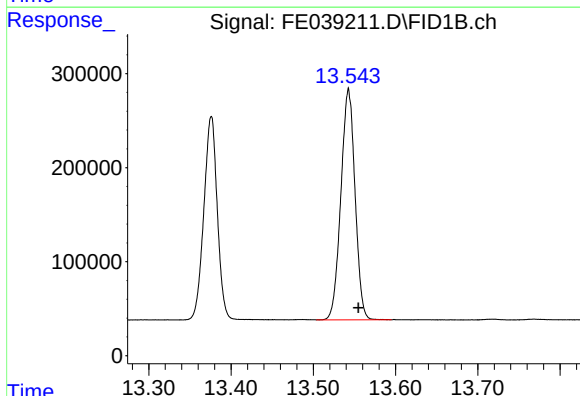
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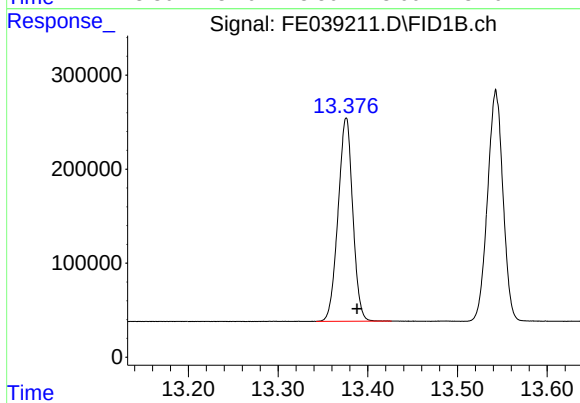
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.012 min
Response: 2909325
Conc: 20.49 ug/ml



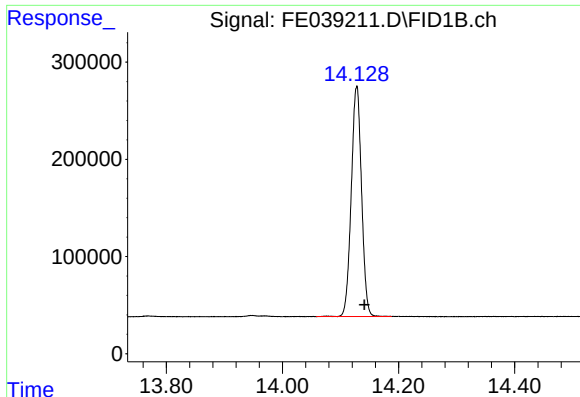
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.012 min
Response: 2936216
Conc: 20.66 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.012 min
Response: 2457341
Conc: 20.35 ug/ml



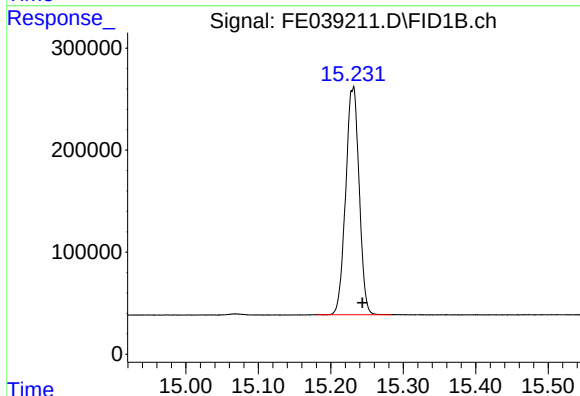
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.013 min
Response: 2911044
Conc: 20.82 ug/ml

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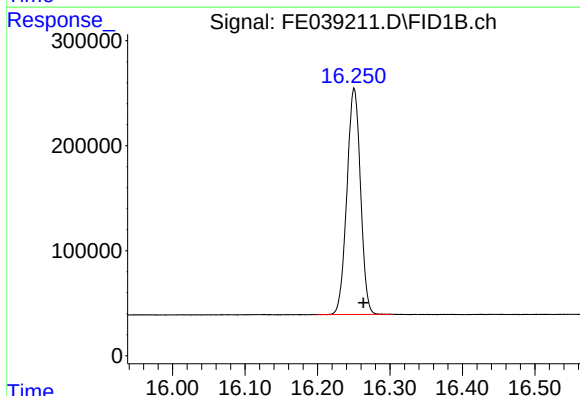
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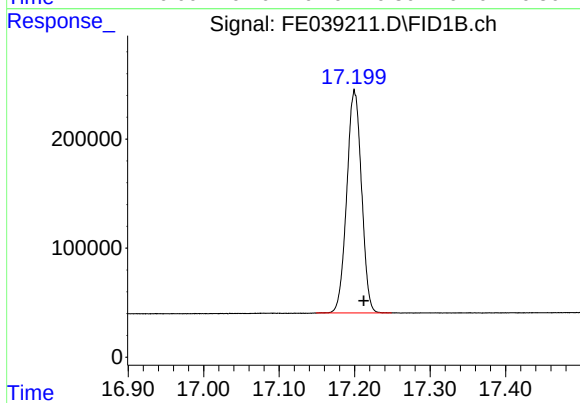
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.013 min
Response: 2882070
Conc: 20.87 ug/ml



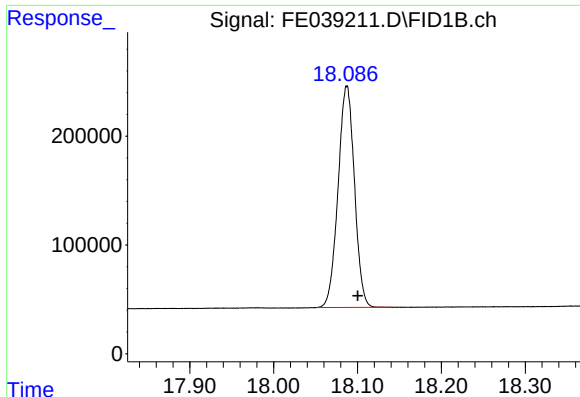
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.013 min
Response: 2811522
Conc: 20.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 2772207
Conc: 20.88 ug/ml



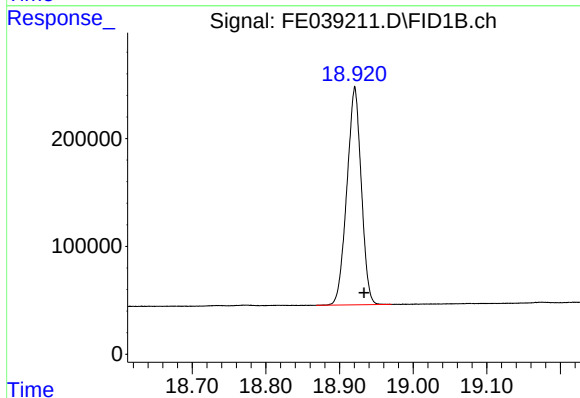
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.013 min
Response: 2769750
Conc: 20.97 ug/ml

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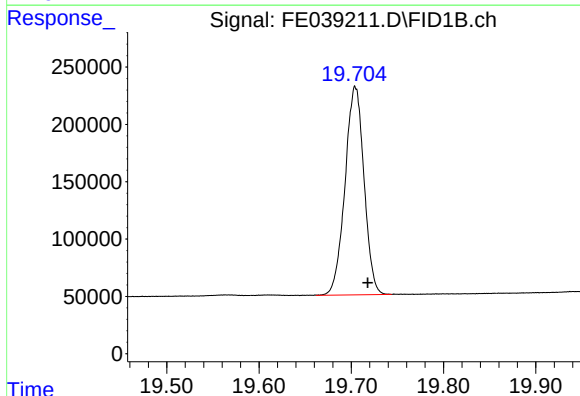
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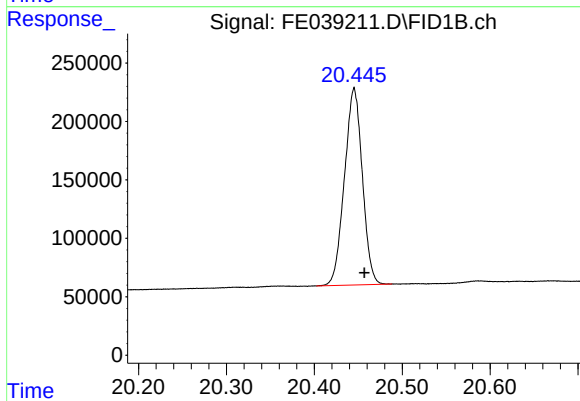
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 2742156
Conc: 20.56 ug/ml



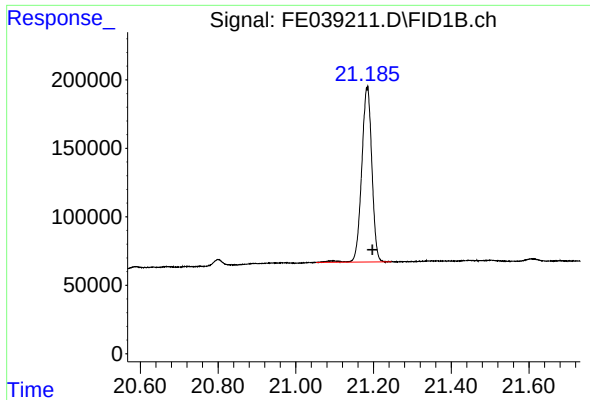
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 2600199
Conc: 19.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2382770
Conc: 18.55 ug/ml m



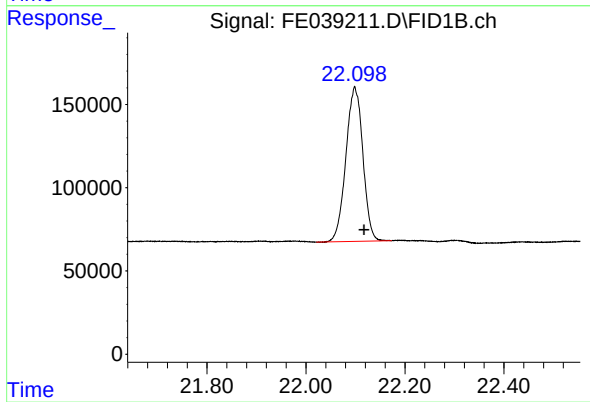
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.013 min
Response: 2318695
Conc: 17.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.019 min
Response: 2206291
Conc: 16.20 ug/ml