

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039243.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2022 13:31
 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 12/13/2022
 Supervised By :Ankita Jodhani 12/13/2022

Integration File: autoint1.e
 Quant Time: Dec 12 17:16:31 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)	11.938	3741781	23.918 ug/ml
Spiked Amount 50.000		Recovery =	47.84%
12) S 1-chlorooctadecane (S...	13.372	2768022	22.926 ug/ml
Spiked Amount 50.000		Recovery =	45.85%
Target Compounds			
1) T n-Nonane (C9)	3.334	3163710	22.319 ug/ml
2) T n-Decane (C10)	4.583	3096588	22.217 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3566413	22.423 ug/ml
4) T n-Dodecane (C12)	6.746	3138375	22.264 ug/ml
5) T A~2-methylnaphthalene...	7.379	3346288	22.358 ug/ml
6) T n-Tetradecane (C14)	8.571	3198359	22.394 ug/ml
7) T n-Hexadecane (C16)	10.178	3328584	22.766 ug/ml
8) T n-Octadecane (C18)	11.620	3427787	23.295 ug/ml
10) T n-Eicosane (C20)	12.928	3355563	23.637 ug/ml
11) T n-Heneicosane (C21)	13.538	3376013	23.758 ug/mlm
13) T n-Docosane (C22)	14.126	3335366	23.860 ug/ml
14) T n-Tetracosane (C24)	15.228	3301471	23.906 ug/ml
15) T n-Hexacosane (C26)	16.249	3206068	23.870 ug/ml
16) T n-Octacosane (C28)	17.197	3109619	23.416 ug/ml
17) T n-Tricontane (C30)	18.085	2999328	22.712 ug/ml
18) T n-Dotriacontane (C32)	18.917	2922255	21.911 ug/ml
19) T n-Tetratriacontane (C34)	19.702	2769045	20.926 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2514883	19.575 ug/ml
21) T n-Octatriacontane (C38)	21.178	2360731	18.016 ug/ml
22) T n-Tetracontane (C40)	22.090	2145457	15.756 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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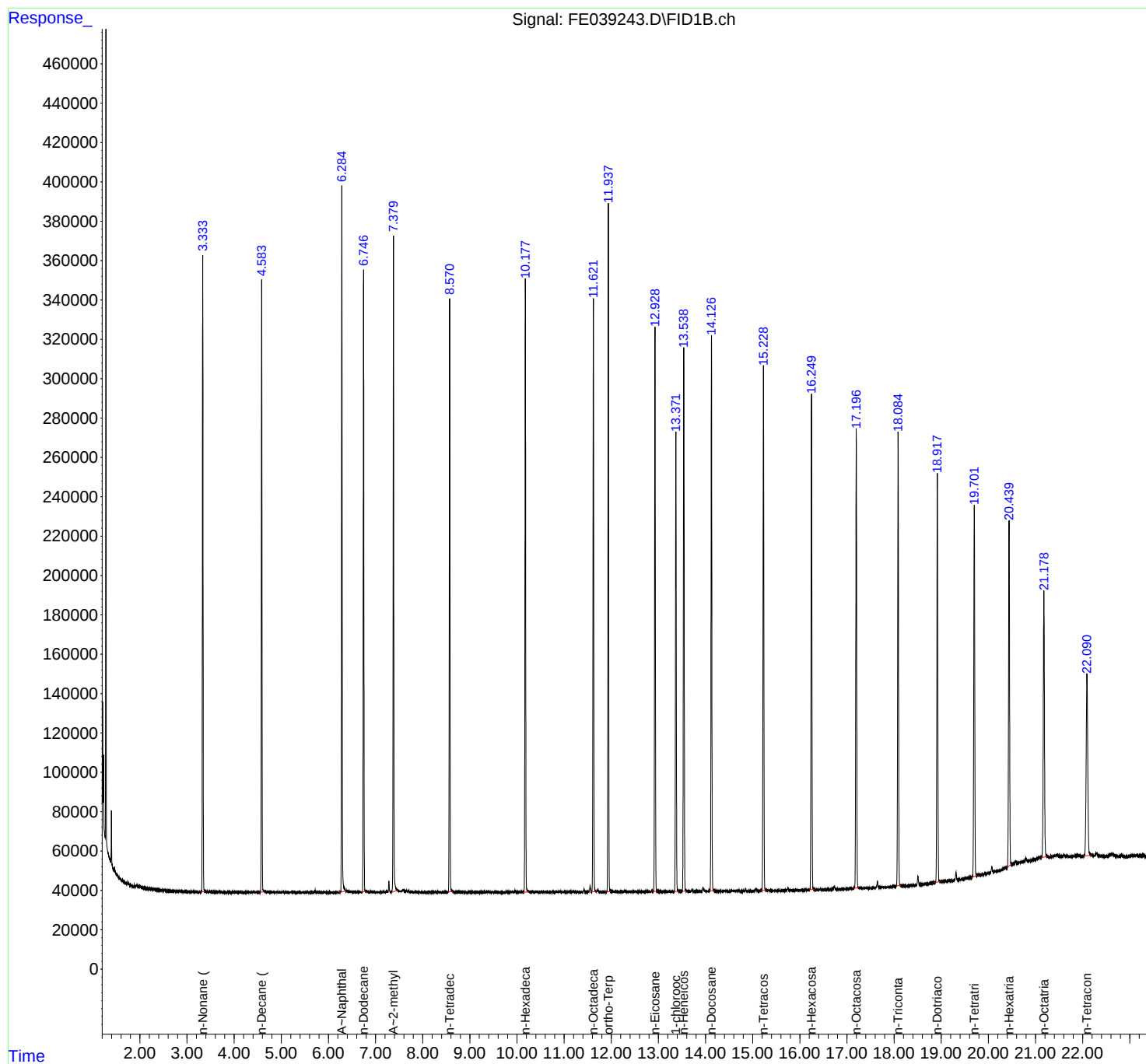
Instrument :
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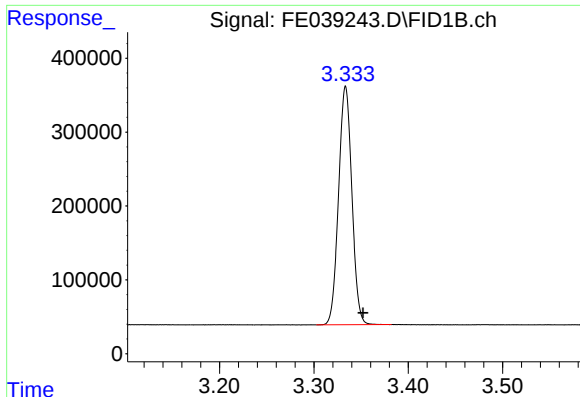
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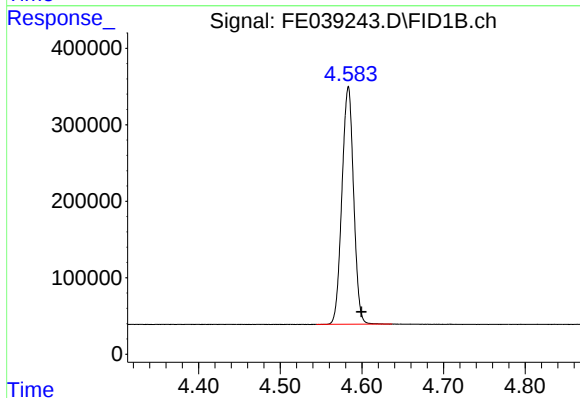
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.018 min
Response: 3163710
Conc: 22.32 ug/ml

Instrument :
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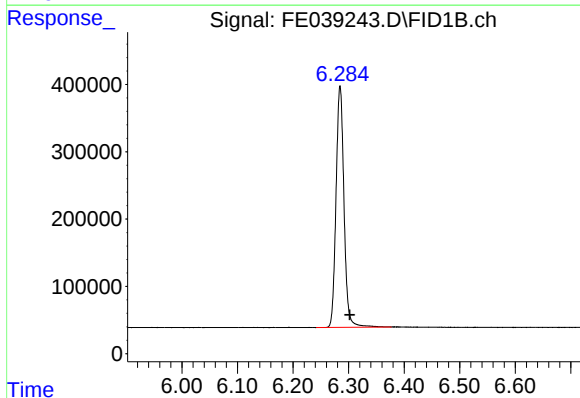
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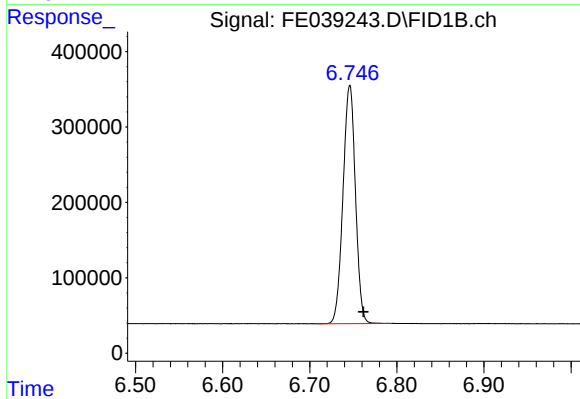
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 3096588
Conc: 22.22 ug/ml



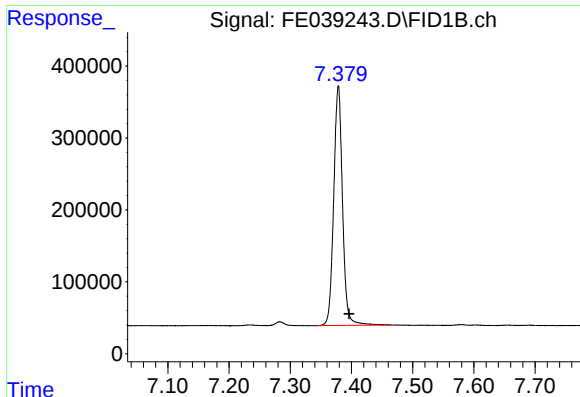
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.018 min
Response: 3566413
Conc: 22.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.015 min
Response: 3138375
Conc: 22.26 ug/ml



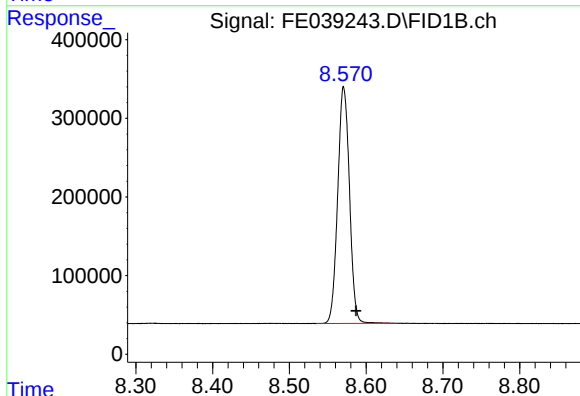
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: -0.017 min
Response: 3346288
Conc: 22.36 ug/ml

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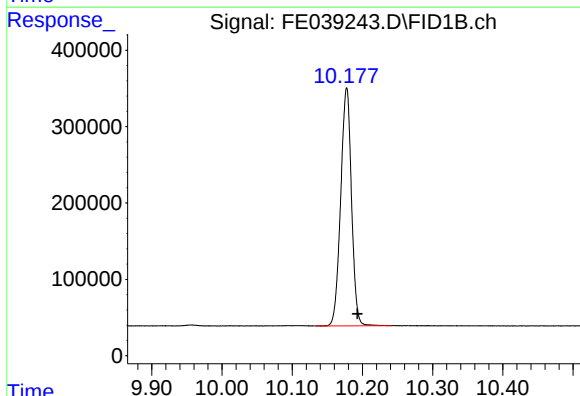
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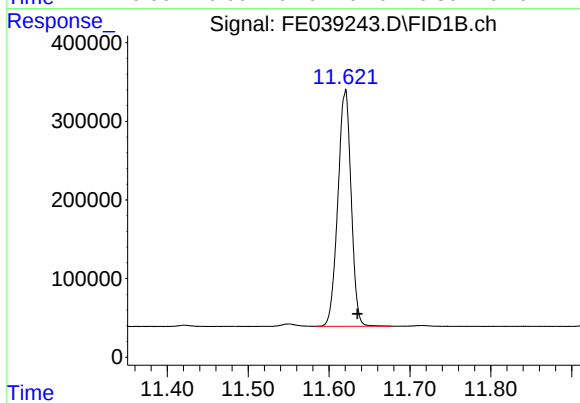
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.016 min
Response: 3198359
Conc: 22.39 ug/ml



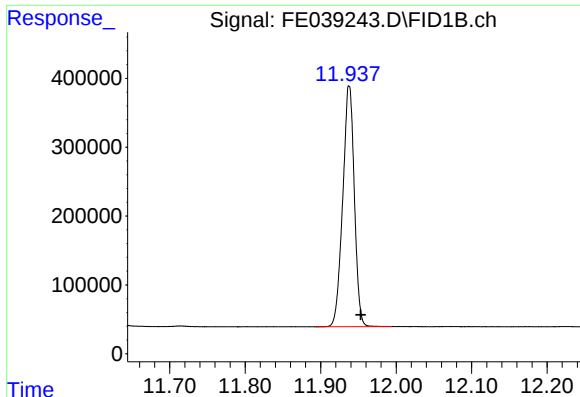
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.015 min
Response: 3328584
Conc: 22.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.015 min
Response: 3427787
Conc: 23.29 ug/ml



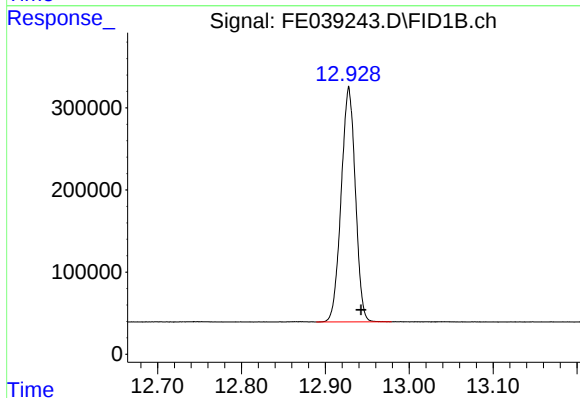
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.015 min
Response: 3741781
Conc: 23.92 ug/ml

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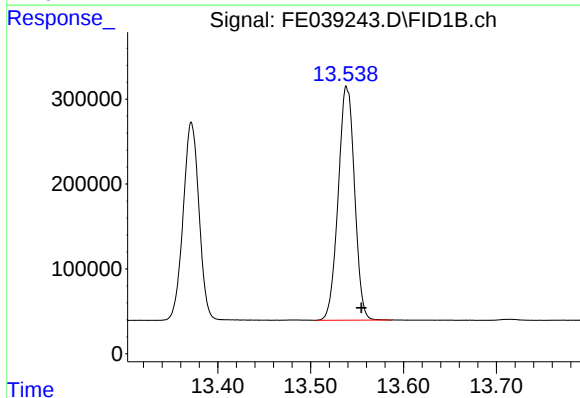
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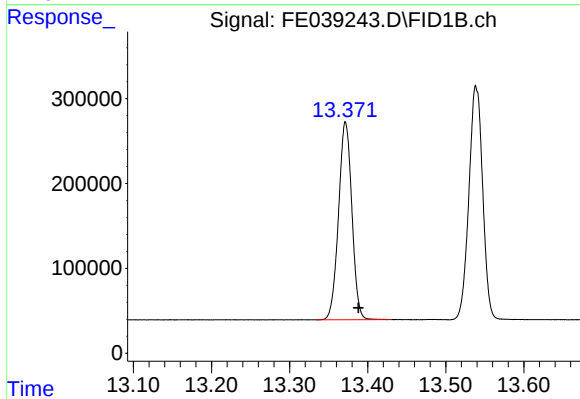
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.015 min
Response: 3355563
Conc: 23.64 ug/ml



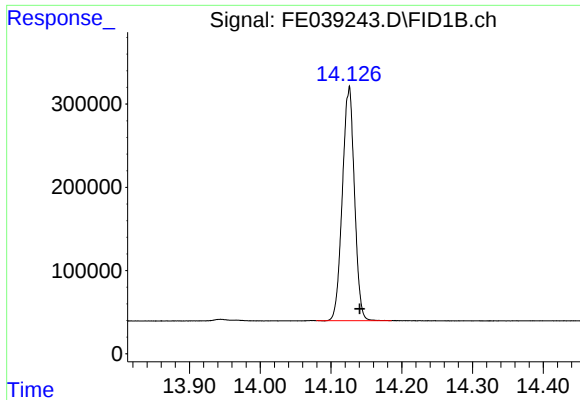
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.017 min
Response: 3376013
Conc: 23.76 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.016 min
Response: 2768022
Conc: 22.93 ug/ml



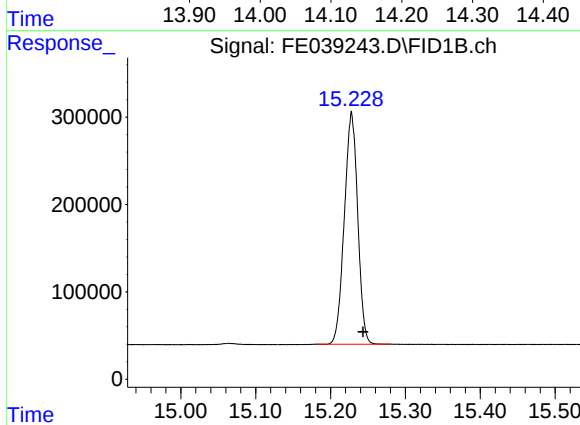
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.015 min
Response: 3335366
Conc: 23.86 ug/ml

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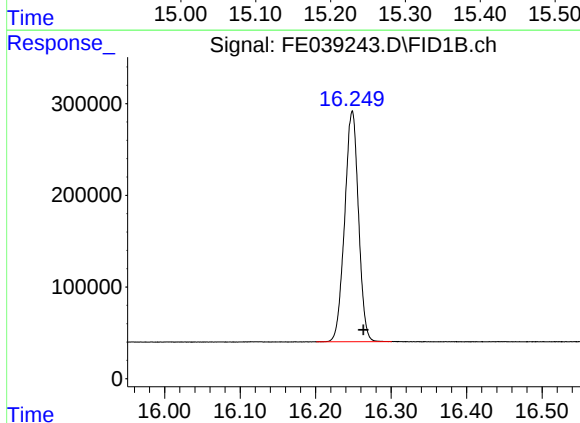
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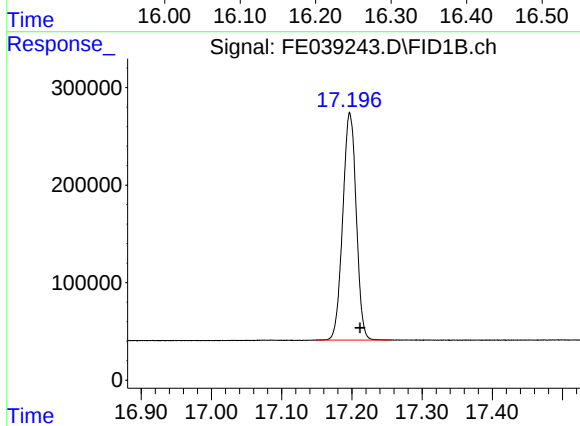
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.015 min
Response: 3301471
Conc: 23.91 ug/ml



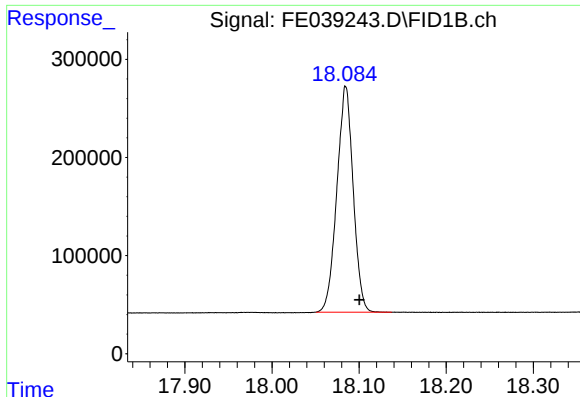
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.015 min
Response: 3206068
Conc: 23.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: -0.015 min
Response: 3109619
Conc: 23.42 ug/ml



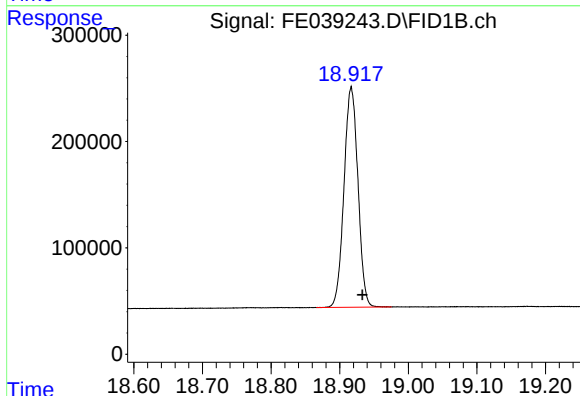
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.015 min
Response: 2999328
Conc: 22.71 ug/ml

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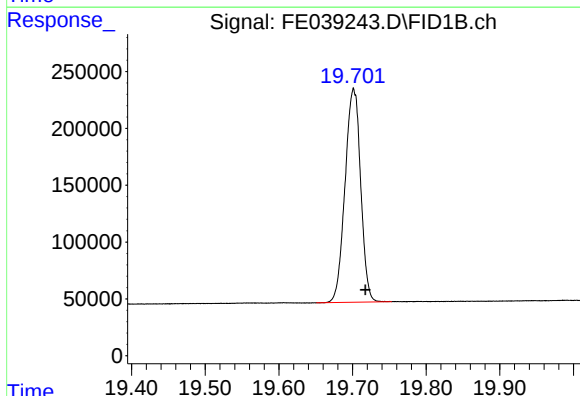
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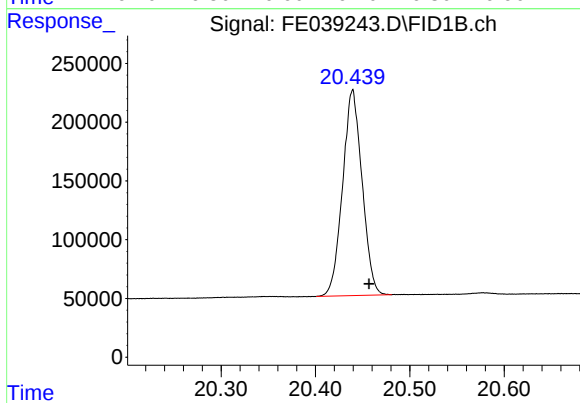
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 2922255
Conc: 21.91 ug/ml



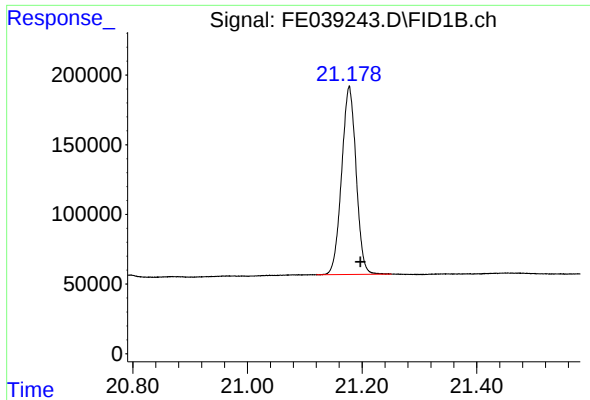
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.016 min
Response: 2769045
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.018 min
Response: 2514883
Conc: 19.58 ug/ml



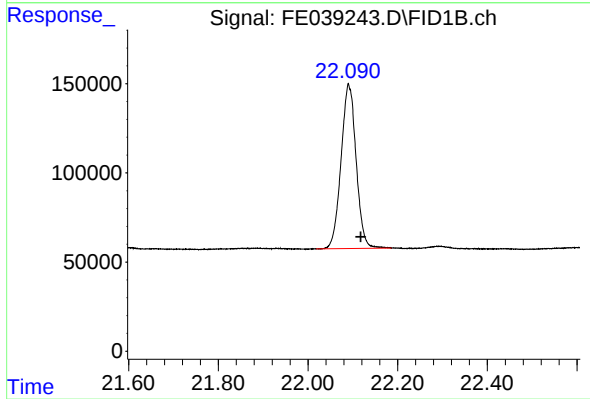
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.020 min
Response: 2360731
Conc: 18.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: -0.027 min
Response: 2145457
Conc: 15.76 ug/ml