

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112322AL\
 Data File : FE038919.D
 Signal(s) : FID1B.ch
 Acq On : 23 Nov 2022 09:08
 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 11/25/2022
 Supervised By :Ankita Jodhani 11/25/2022

Integration File: autoint1.e
 Quant Time: Nov 24 14:46:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\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)	11.952	2935337	18.763 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.386	2271157	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.349	2639600	18.622 ug/ml
2) T n-Decane (C10)	4.597	2602030	18.669 ug/ml
3) T A~Naphthalene (C11.7)	6.299	2981716	18.747 ug/ml
4) T n-Dodecane (C12)	6.760	2629491	18.654 ug/ml
5) T A~2-methylnaphthalene...	7.393	2788868	18.634 ug/ml
6) T n-Tetradecane (C14)	8.585	2663919	18.652 ug/ml
7) T n-Hexadecane (C16)	10.192	2736093	18.713 ug/ml
8) T n-Octadecane (C18)	11.633	2758395	18.746 ug/ml
10) T n-Eicosane (C20)	12.942	2668696	18.799 ug/ml
11) T n-Heneicosane (C21)	13.553	2668617	18.780 ug/ml
13) T n-Docosane (C22)	14.139	2626957	18.792 ug/ml
14) T n-Tetracosane (C24)	15.242	2597491	18.808 ug/ml
15) T n-Hexacosane (C26)	16.262	2534409	18.869 ug/ml
16) T n-Octacosane (C28)	17.213	2530032	19.052 ug/ml
17) T n-Tricontane (C30)	18.099	2547289	19.289 ug/ml
18) T n-Dotriacontane (C32)	18.931	2571160	19.279 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2518771	19.035 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2412834	18.781 ug/ml
21) T n-Octatriacontane (C38)	21.195	2434197	18.576 ug/mlm
22) T n-Tetracontane (C40)	22.116	2462875	18.087 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

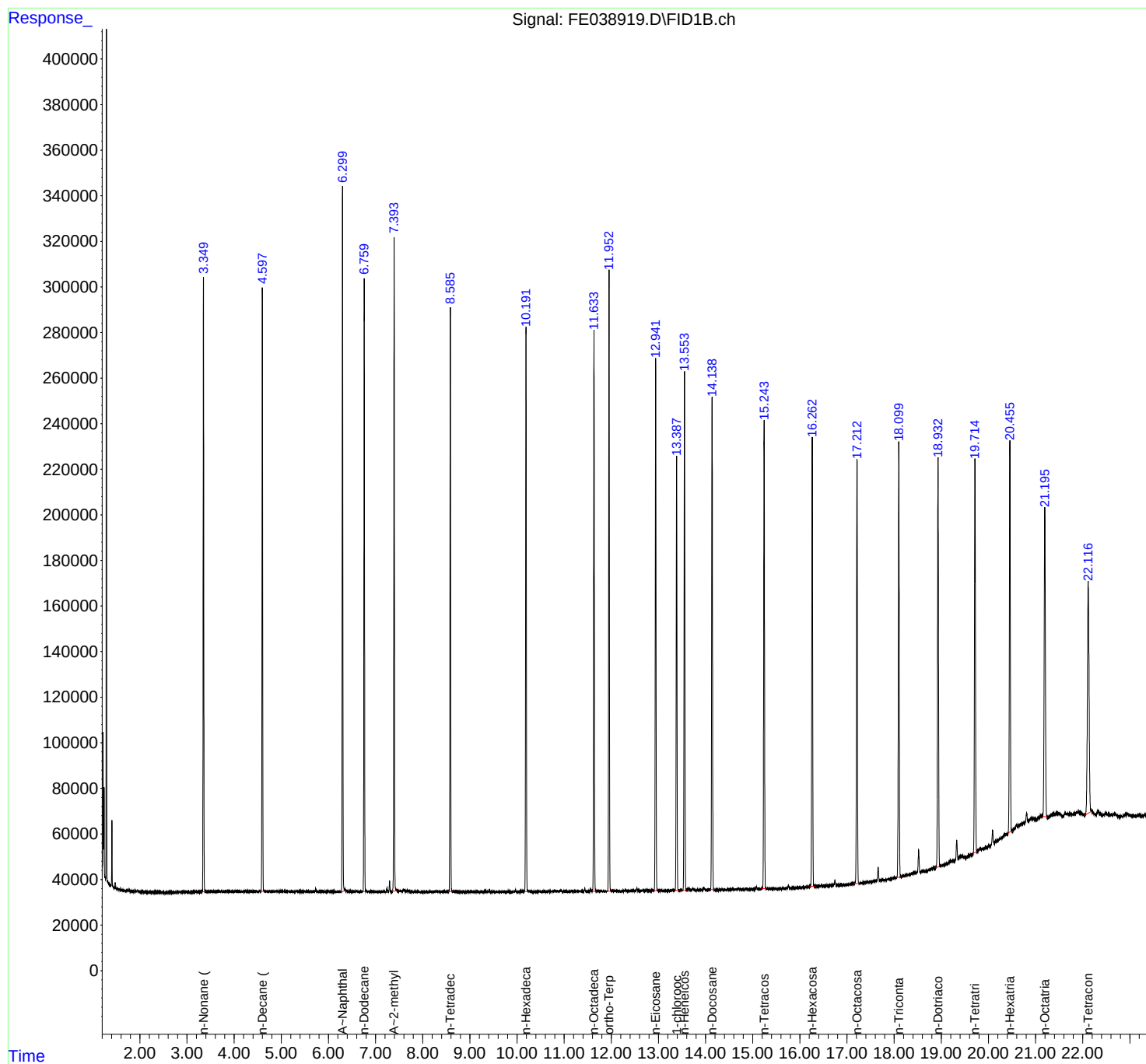
Instrument :
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20 PPM ALIPHATIC HC STD

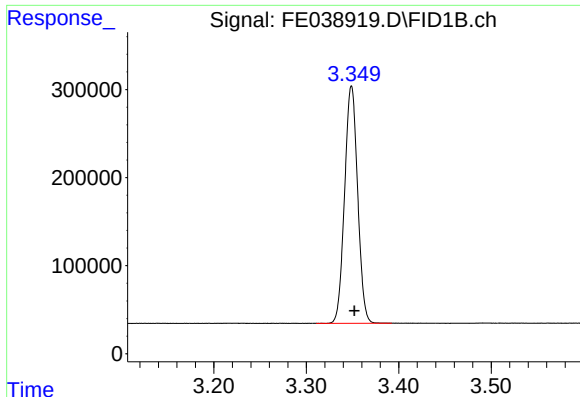
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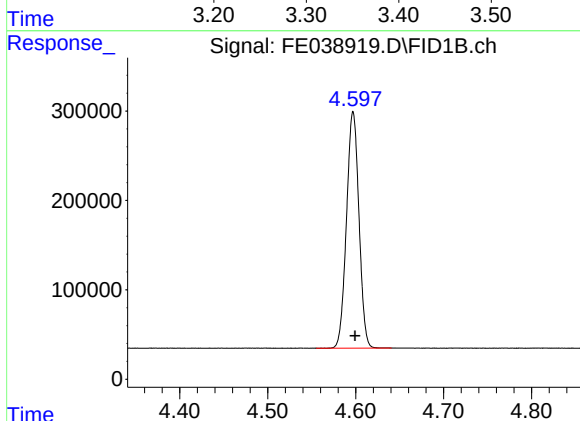
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 2639600
Conc: 18.62 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD

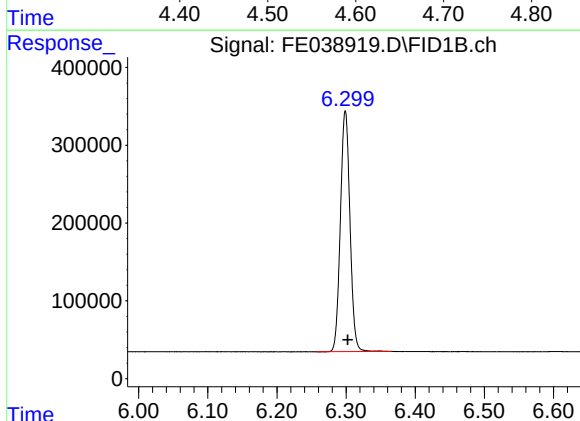
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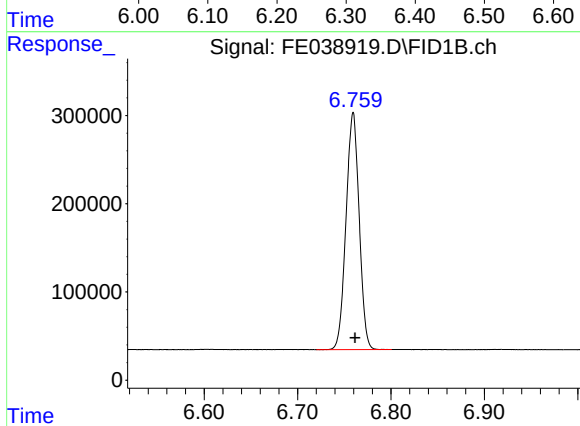
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 2602030
Conc: 18.67 ug/ml



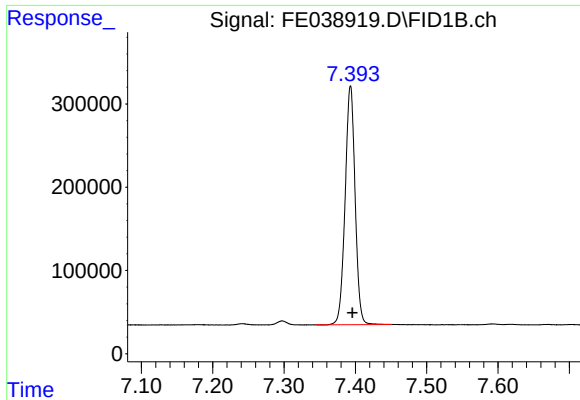
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 2981716
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 2629491
Conc: 18.65 ug/ml



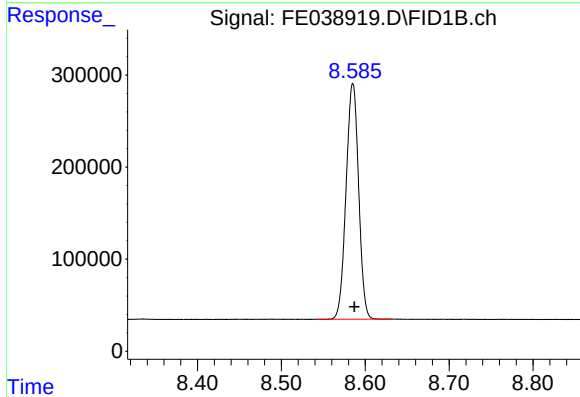
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2788868
Conc: 18.63 ug/ml

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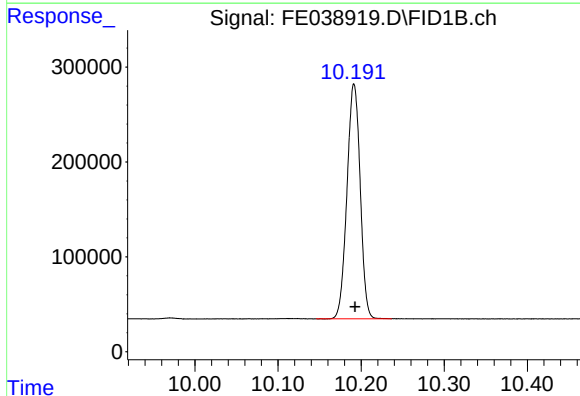
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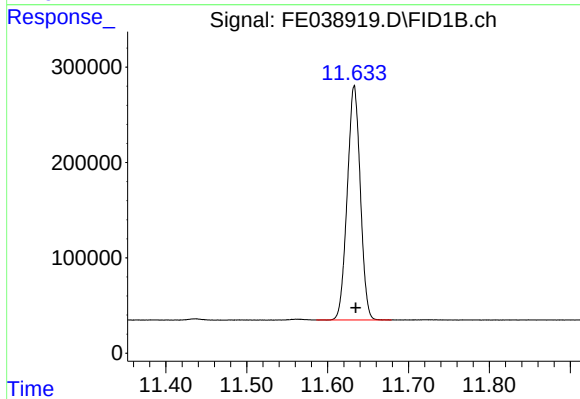
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2663919
Conc: 18.65 ug/ml



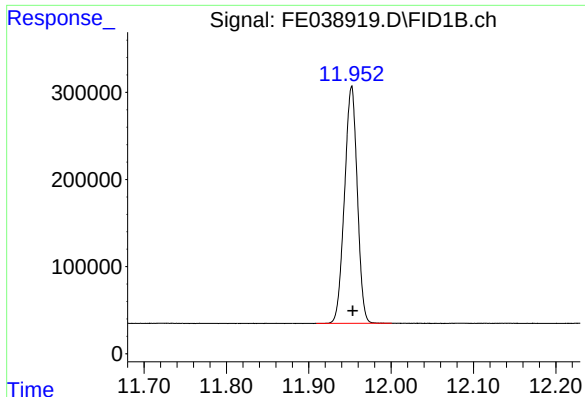
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.001 min
Response: 2736093
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2758395
Conc: 18.75 ug/ml



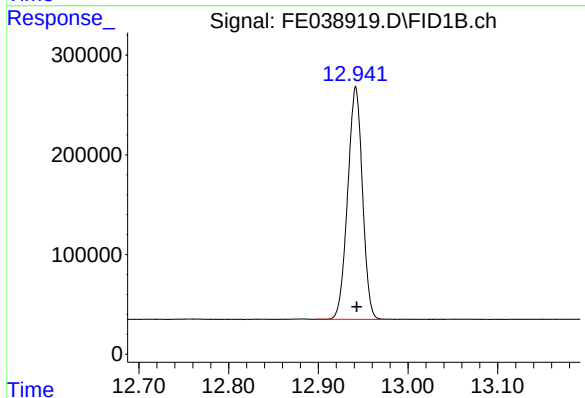
#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.001 min
Response: 2935337
Conc: 18.76 ug/ml

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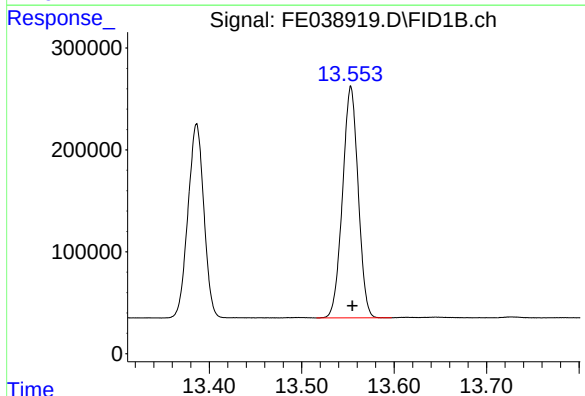
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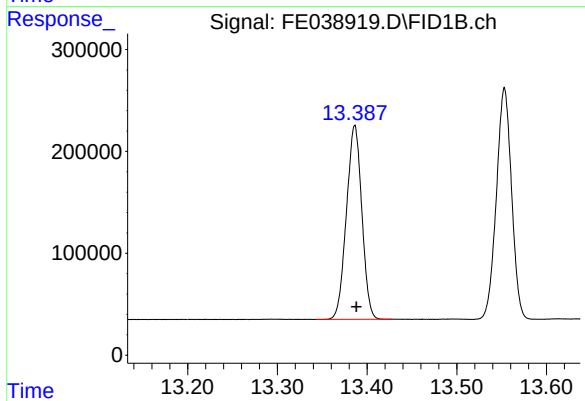
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.001 min
Response: 2668696
Conc: 18.80 ug/ml



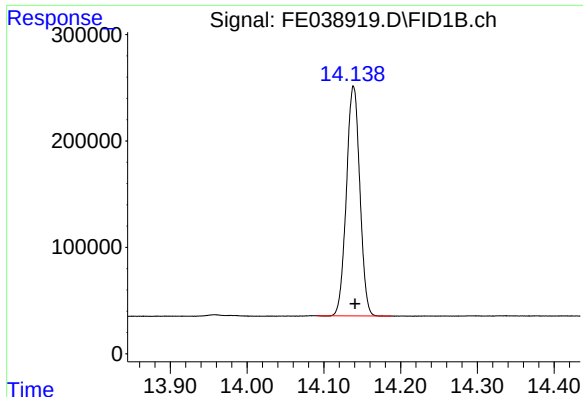
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2668617
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2271157
Conc: 18.81 ug/ml



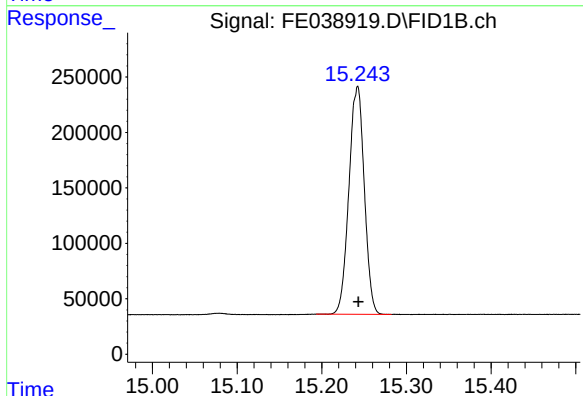
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2626957
Conc: 18.79 ug/ml

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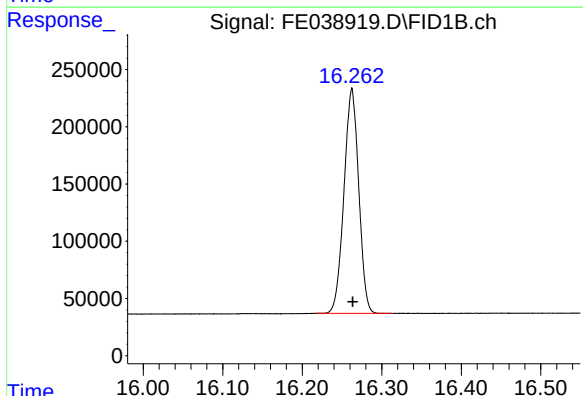
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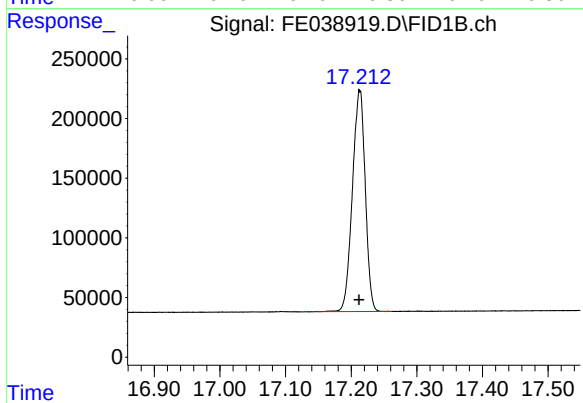
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.001 min
Response: 2597491
Conc: 18.81 ug/ml



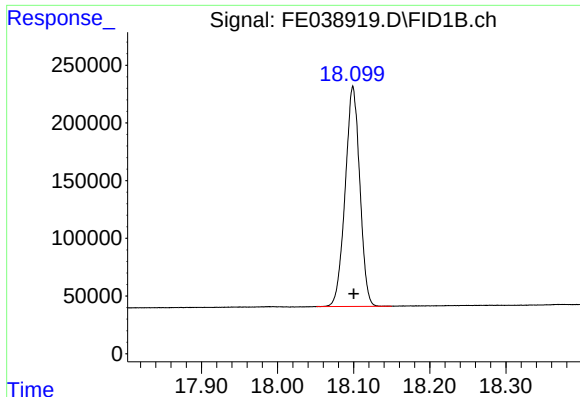
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 2534409
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 2530032
Conc: 19.05 ug/ml



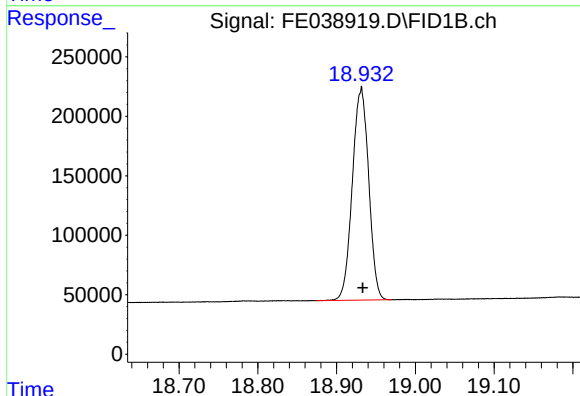
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: -0.001 min
Response: 2547289
Conc: 19.29 ug/ml

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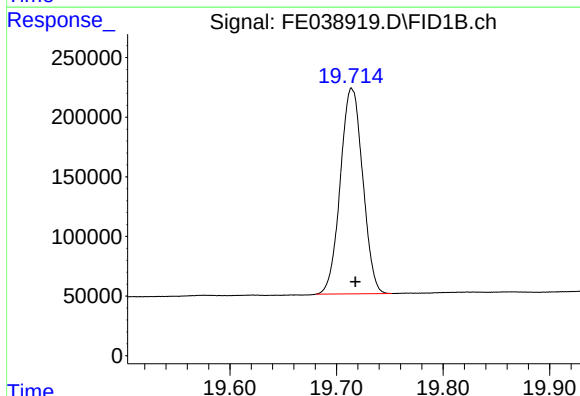
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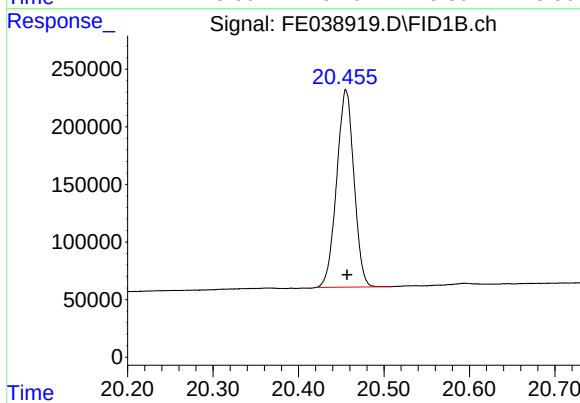
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 2571160
Conc: 19.28 ug/ml



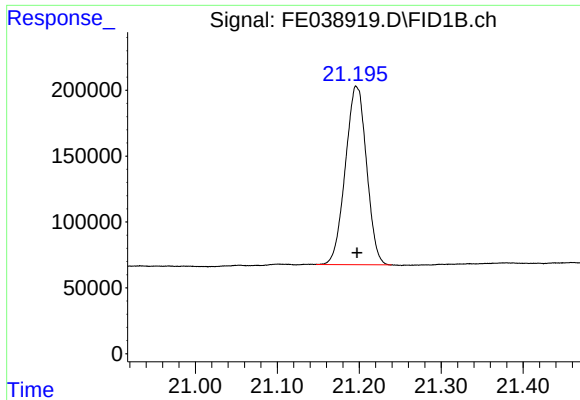
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 2518771
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.001 min
Response: 2412834
Conc: 18.78 ug/ml



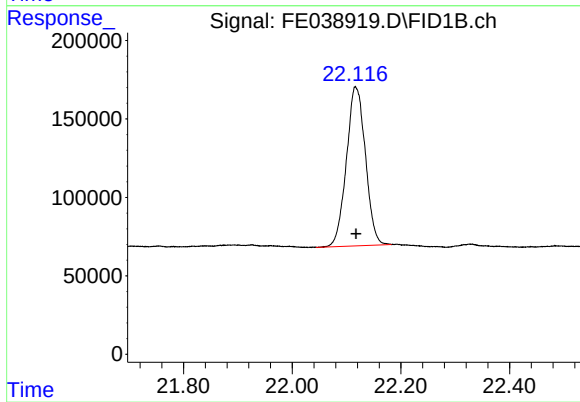
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.002 min
Response: 2434197
Conc: 18.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.001 min
Response: 2462875
Conc: 18.09 ug/ml m