

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038805.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 12:35
 Operator : YP\AJ
 Sample : PB149099BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149099BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 04:38:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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			
12) S 1-chlorooctadecane (S...	13.396	4829097	35.274 ug/ml
Spiked Amount 50.000		Recovery =	70.55%
Target Compounds			
1) T n-Nonane (C9)	3.353	3495955	22.699 ug/ml
2) T n-Decane (C10)	4.603	4365363	28.123 ug/mlm
4) T n-Dodecane (C12)	6.766	5345498	34.219 ug/ml
6) T n-Tetradecane (C14)	8.593	5790790	37.028 ug/ml
7) T n-Hexadecane (C16)	10.200	6079281	38.479 ug/ml
8) T n-Octadecane (C18)	11.642	6316751	39.435 ug/ml
10) T n-Eicosane (C20)	12.951	6153462	38.190 ug/ml
11) T n-Heneicosane (C21)	13.563	6126736	37.929 ug/ml
13) T n-Docosane (C22)	14.149	6073352	37.620 ug/ml
14) T n-Tetracosane (C24)	15.251	6021365	37.540 ug/ml
15) T n-Hexacosane (C26)	16.272	5879070	37.014 ug/ml
16) T n-Octacosane (C28)	17.221	5780166	36.842 ug/ml
17) T n-Tricontane (C30)	18.108	5749494	36.034 ug/mlm
18) T n-Dotriacontane (C32)	18.942	5803315	36.807 ug/ml
19) T n-Tetratriacontane (C34)	19.726	5903528	40.044 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	5856790	40.990 ug/ml
21) T n-Octatriacontane (C38)	21.209	5961345	44.137 ug/ml
22) T n-Tetracontane (C40)	22.136	6214402	49.231 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149099BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

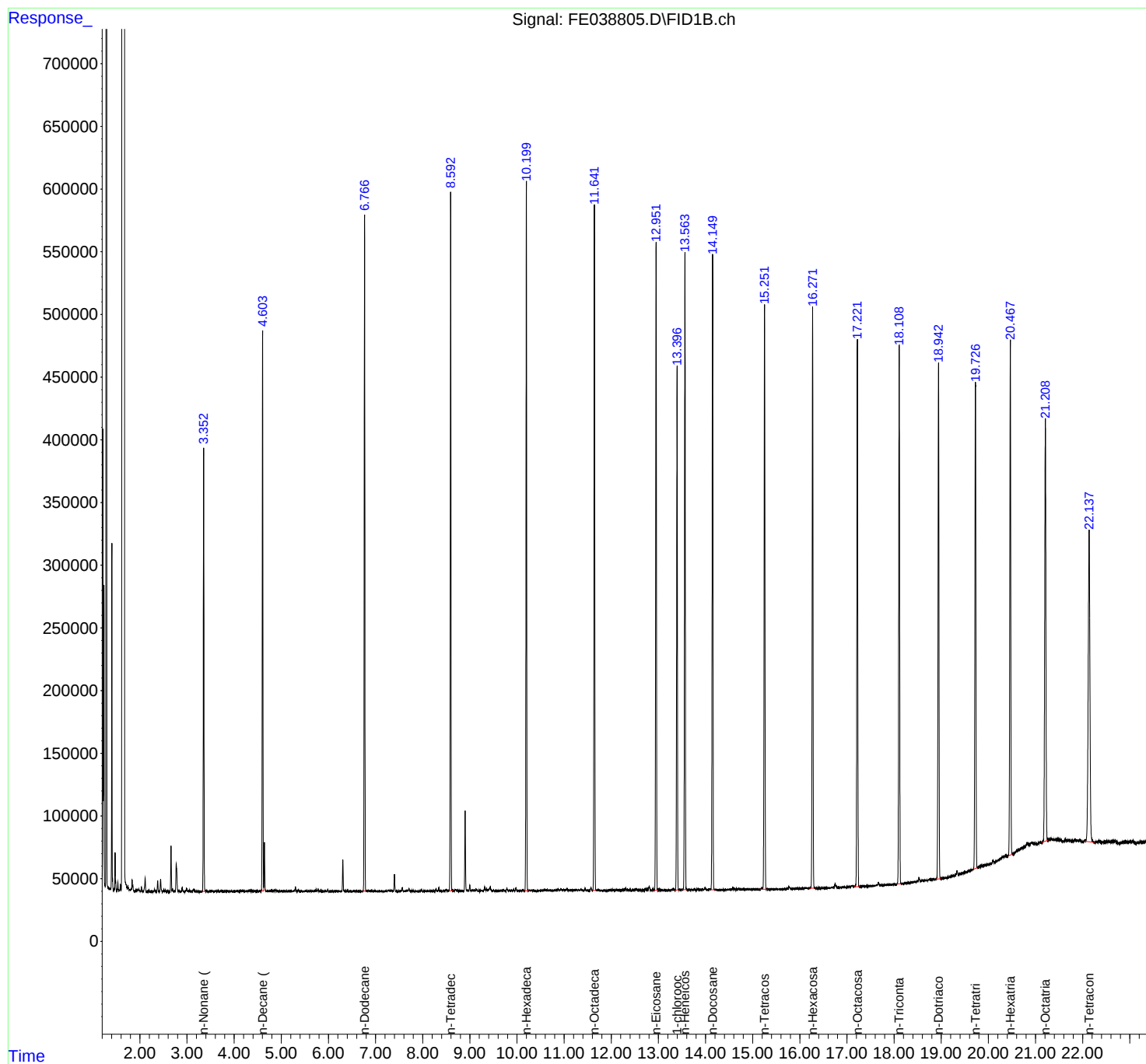
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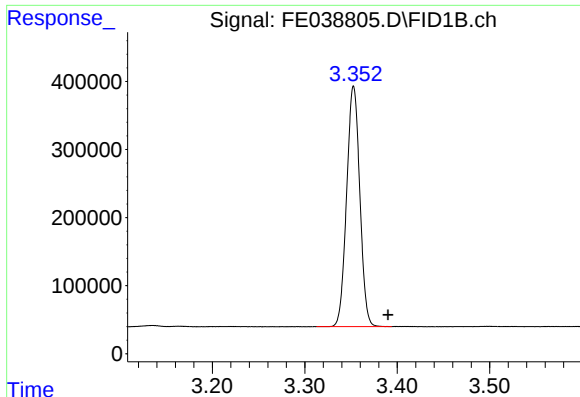
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.037 min
Response: 3495955
Conc: 22.70 ug/ml

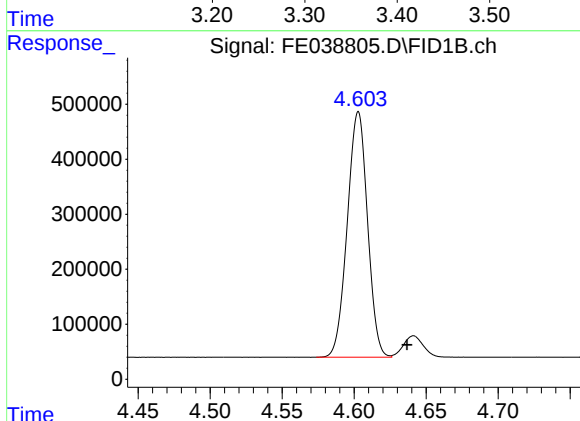
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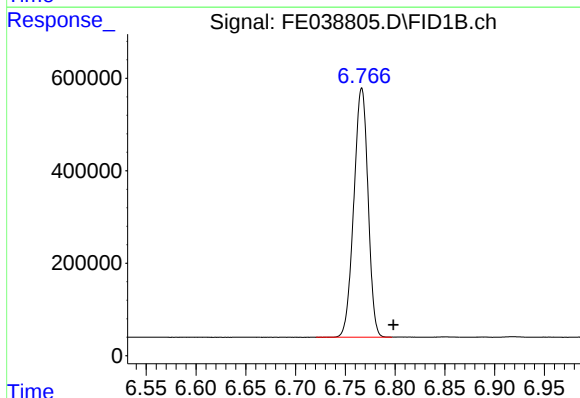
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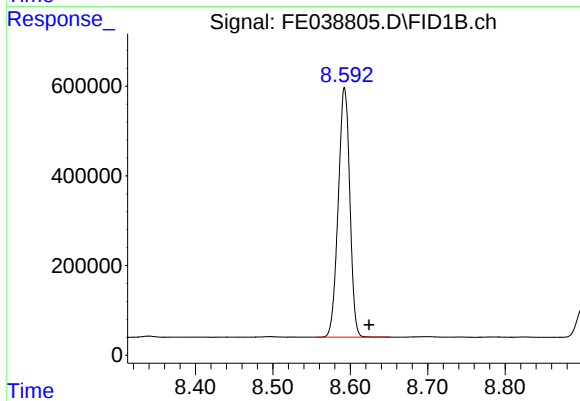
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.034 min
Response: 4365363
Conc: 28.12 ug/ml m



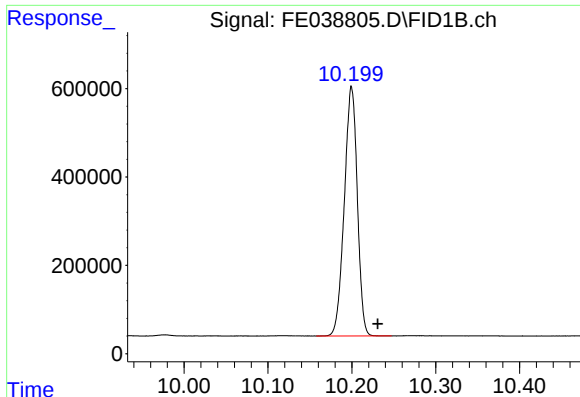
#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.032 min
Response: 5345498
Conc: 34.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.032 min
Response: 5790790
Conc: 37.03 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 6079281
Conc: 38.48 ug/ml

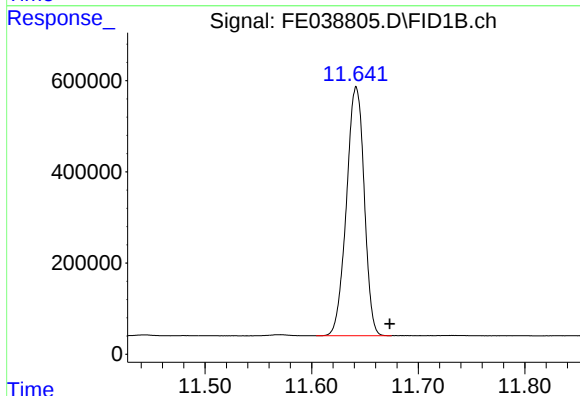
Instrument :

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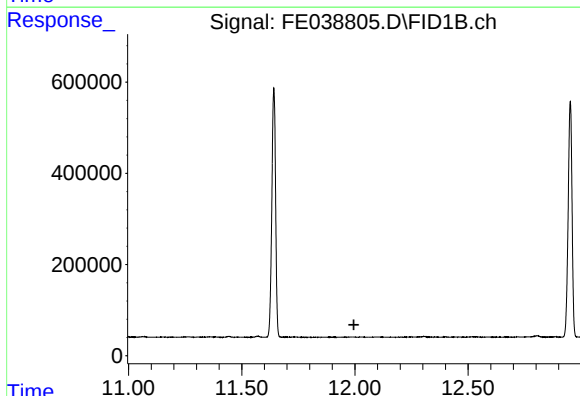
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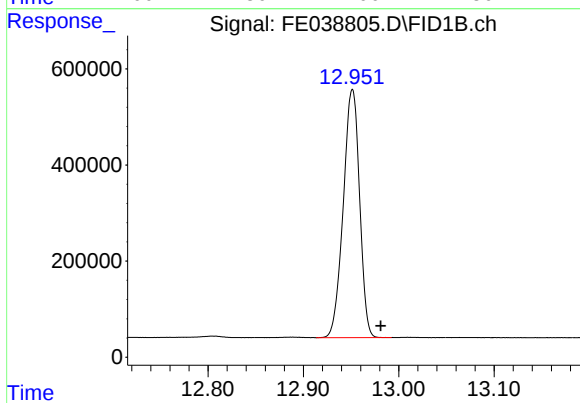
#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.032 min
Response: 6316751
Conc: 39.44 ug/ml



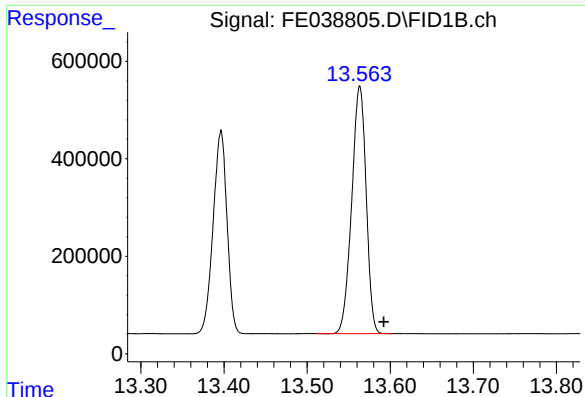
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.996 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 6153462
Conc: 38.19 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 6126736
Conc: 37.93 ug/ml

Instrument :

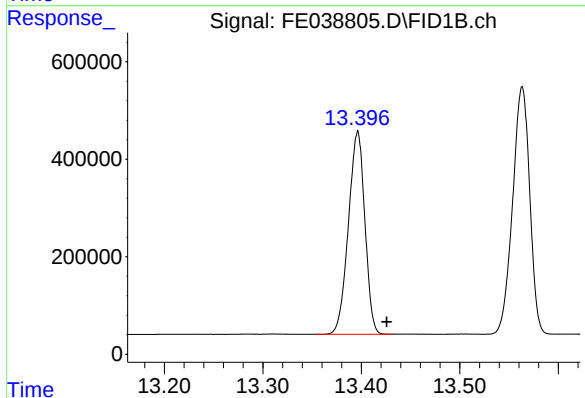
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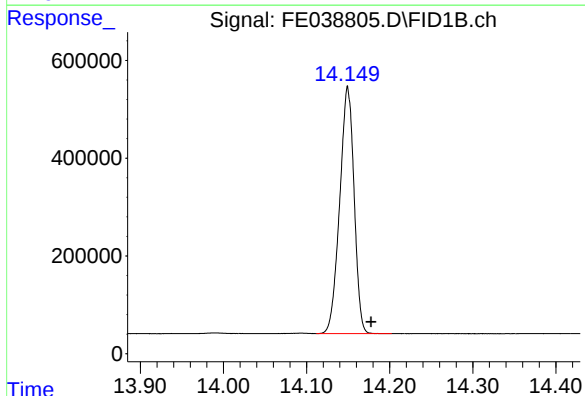
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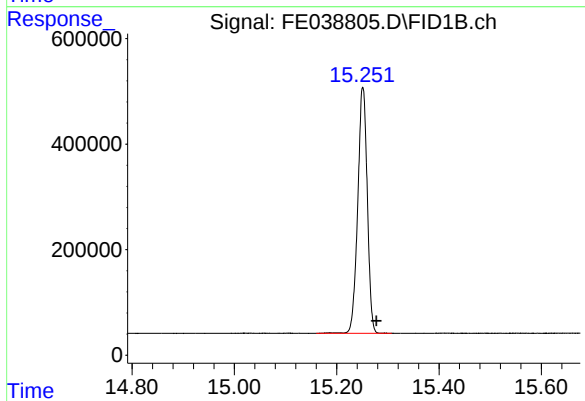
#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.029 min
Response: 4829097
Conc: 35.27 ug/ml



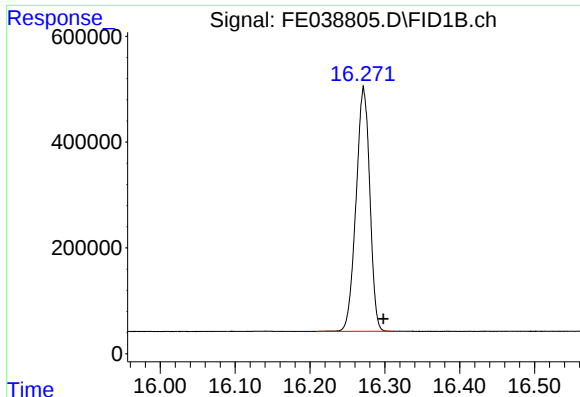
#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.028 min
Response: 6073352
Conc: 37.62 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.026 min
Response: 6021365
Conc: 37.54 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.027 min
Response: 5879070
Conc: 37.01 ug/ml

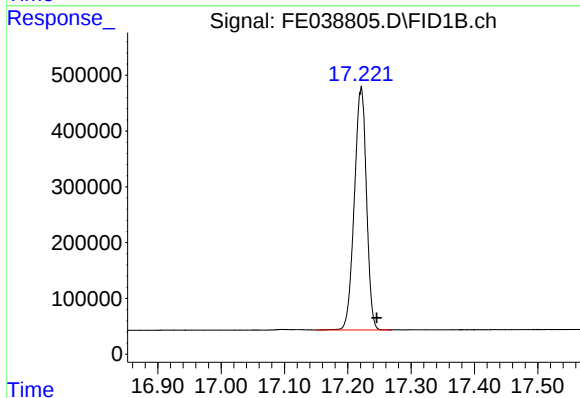
Instrument :

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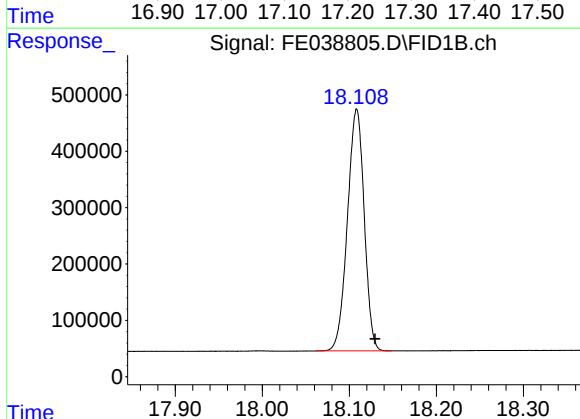
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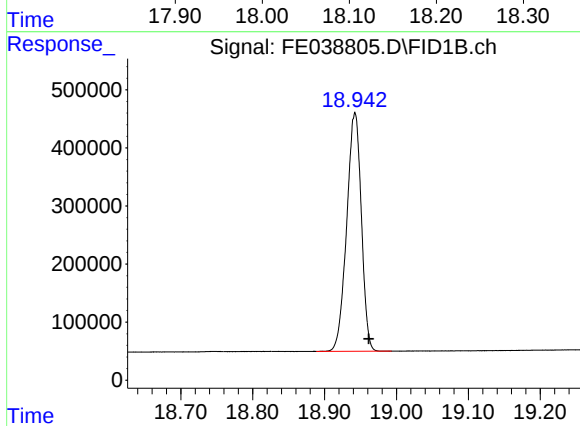
#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 5780166
Conc: 36.84 ug/ml



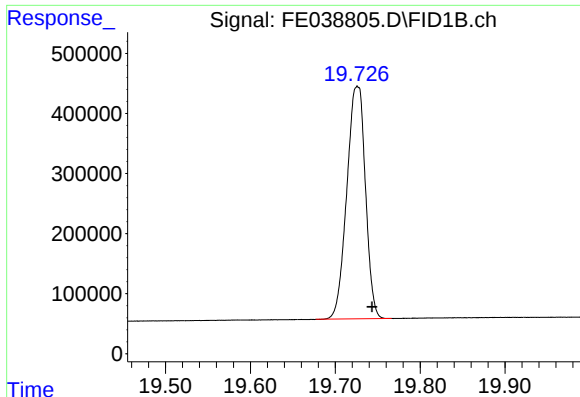
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.022 min
Response: 5749494
Conc: 36.03 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.019 min
Response: 5803315
Conc: 36.81 ug/ml



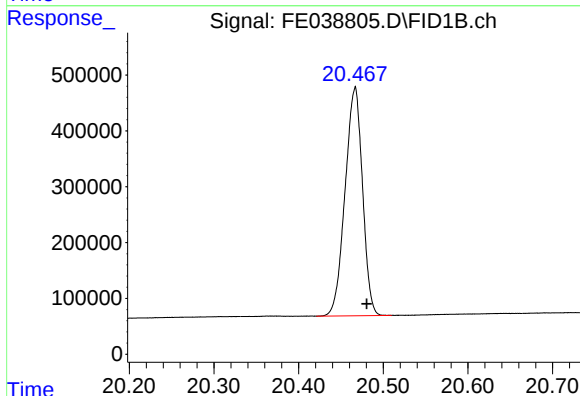
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.018 min
Response: 5903528
Conc: 40.04 ug/ml

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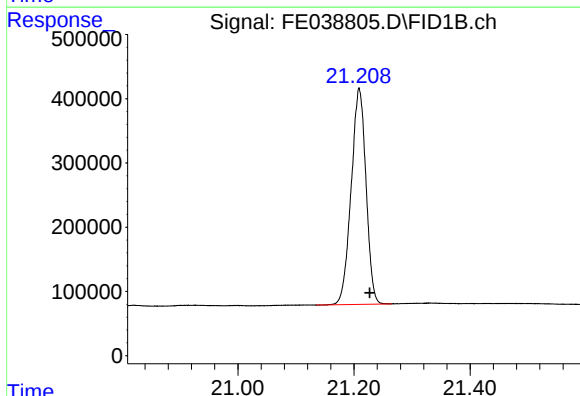
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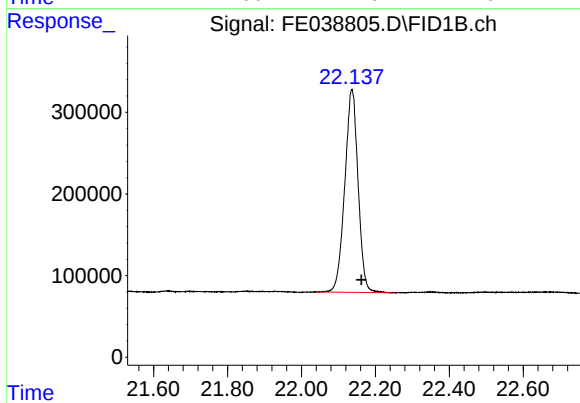
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 5856790
Conc: 40.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.018 min
Response: 5961345
Conc: 44.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.026 min
Response: 6214402
Conc: 49.23 ug/ml