

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038708.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 13:06
 Operator : YP\AJ
 Sample : PB148970BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148970BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 11 03:45:15 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			
9) S ortho-Terphenyl (SURR)	11.967	5881323	34.180 ug/ml
Spiked Amount 50.000		Recovery =	68.36%
12) S 1-chlorooctadecane (S...	13.399	4708949	34.397 ug/ml
Spiked Amount 50.000		Recovery =	68.79%
Target Compounds			
1) T n-Nonane (C9)	3.380	6403716	41.579 ug/ml
2) T n-Decane (C10)	4.620	6458566	41.609 ug/ml
3) T A~Naphthalene (C11.7)	6.316	6854187	40.473 ug/ml
4) T n-Dodecane (C12)	6.774	6614790	42.344 ug/ml
5) T A~2-methylnaphthalene...	7.409	6746649	40.258 ug/ml
6) T n-Tetradecane (C14)	8.599	6647522	42.506 ug/ml
7) T n-Hexadecane (C16)	10.204	6601672	41.786 ug/ml
8) T n-Octadecane (C18)	11.646	6648753	41.508 ug/ml
10) T n-Eicosane (C20)	12.956	6445049	40.000 ug/ml
11) T n-Heneicosane (C21)	13.566	6410200	39.683 ug/ml
13) T n-Docosane (C22)	14.153	6375786	39.493 ug/ml
14) T n-Tetracosane (C24)	15.249	12664488	78.957 ug/ml
15) T n-Hexacosane (C26)	16.276	6295979	39.638 ug/ml
16) T n-Octacosane (C28)	17.224	6364370	40.566 ug/ml
17) T n-Tricontane (C30)	18.112	6265190	39.266 ug/mlm
18) T n-Dotriacontane (C32)	18.943	6335096	40.179 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6151770	41.728 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	5399417	37.789 ug/ml
21) T n-Octatriacontane (C38)	21.207	4725682	34.988 ug/ml
22) T n-Tetracontane (C40)	22.132	4442754	35.196 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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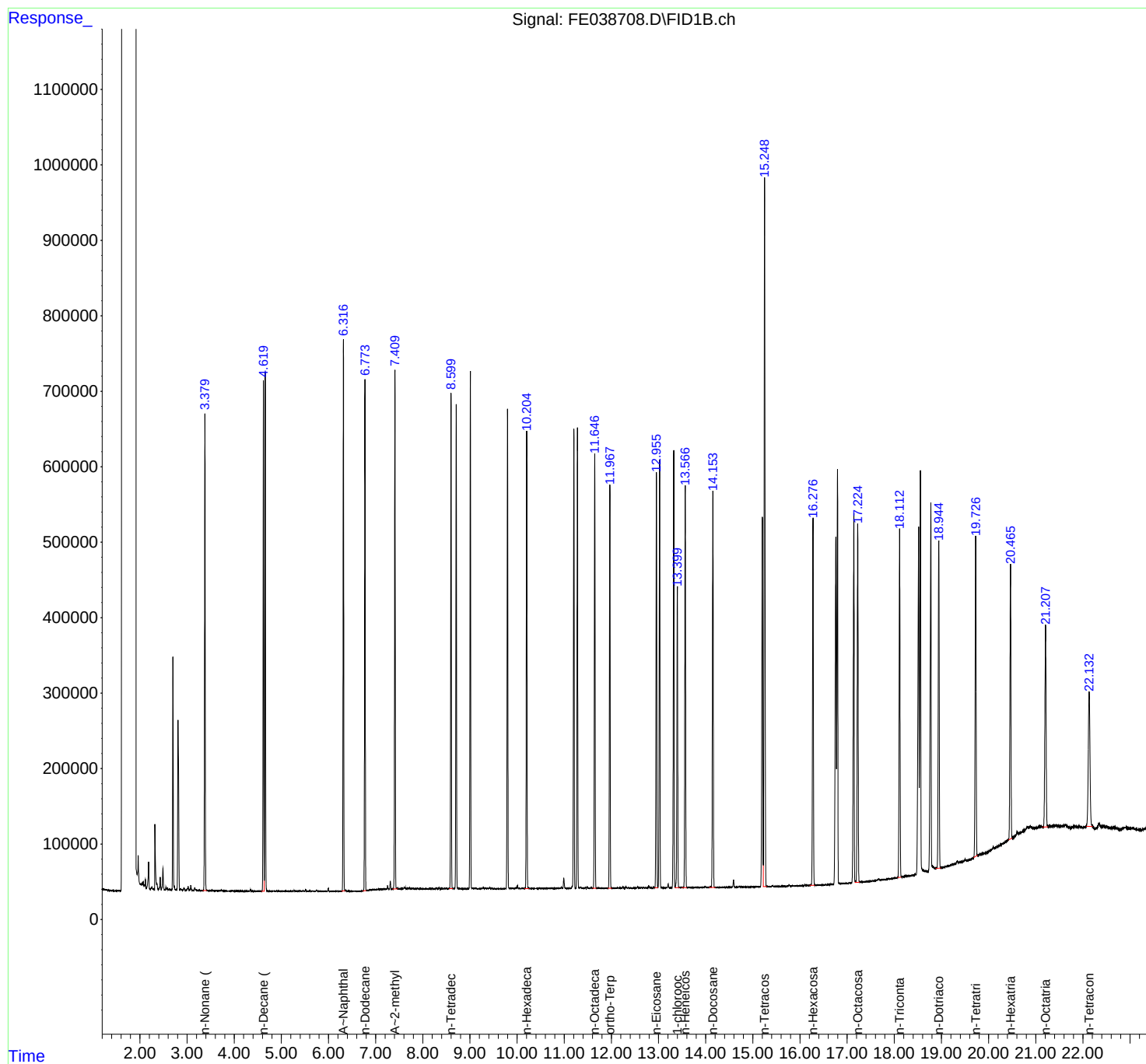
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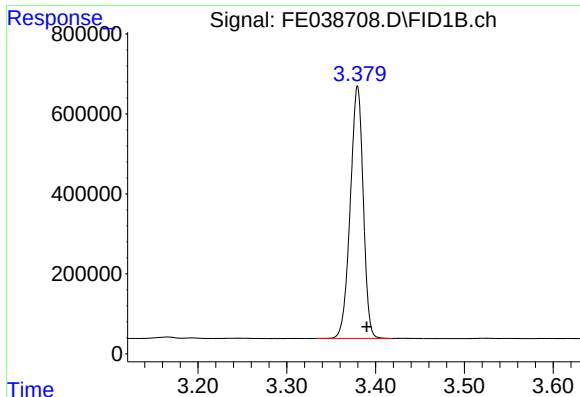
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#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.010 min
Response: 6403716
Conc: 41.58 ug/ml

Instrument :

FID_E

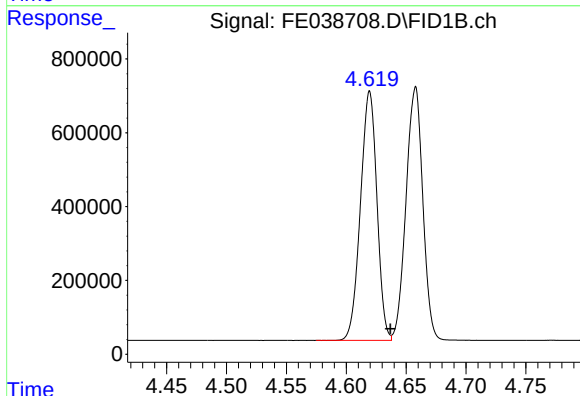
ClientSampleId :

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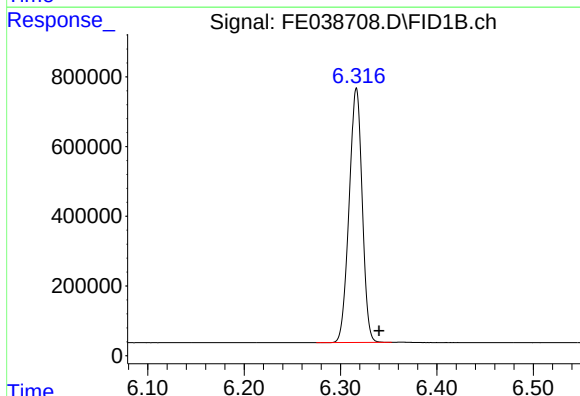
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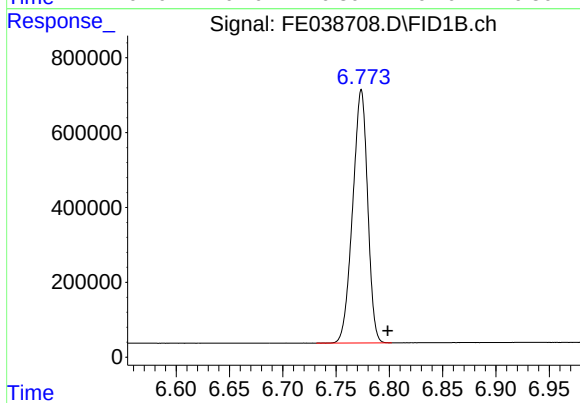
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.017 min
Response: 6458566
Conc: 41.61 ug/ml



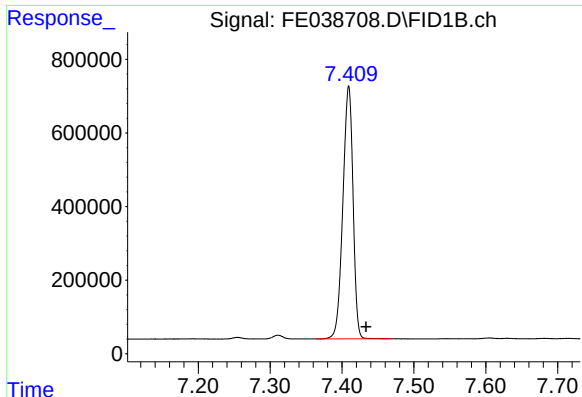
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.024 min
Response: 6854187
Conc: 40.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: -0.025 min
Response: 6614790
Conc: 42.34 ug/ml



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

R.T.: 7.409 min
Delta R.T.: -0.024 min
Response: 6746649
Conc: 40.26 ug/ml

Instrument :

FID_E

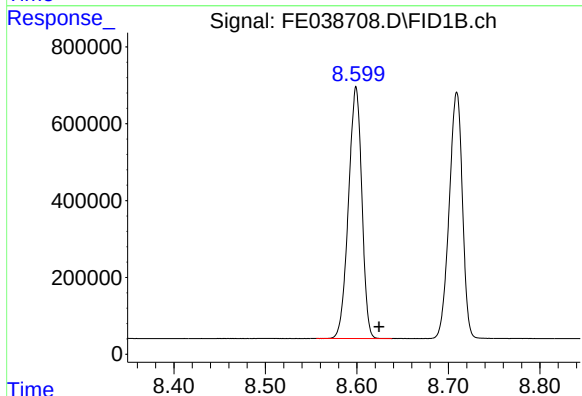
ClientSampleId :

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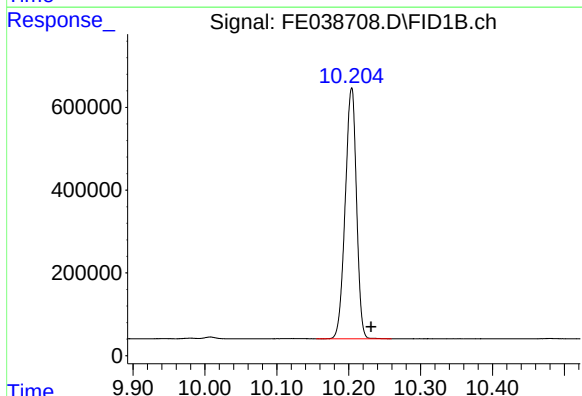
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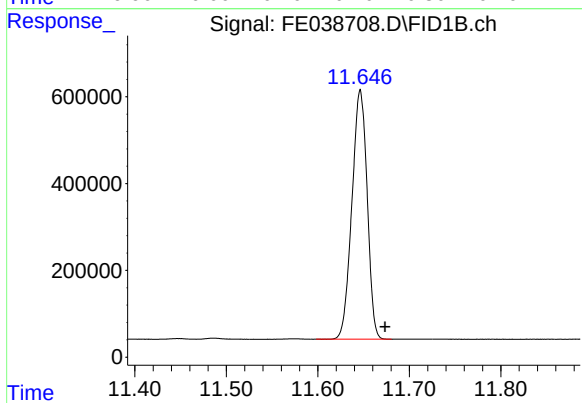
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.025 min
Response: 6647522
Conc: 42.51 ug/ml



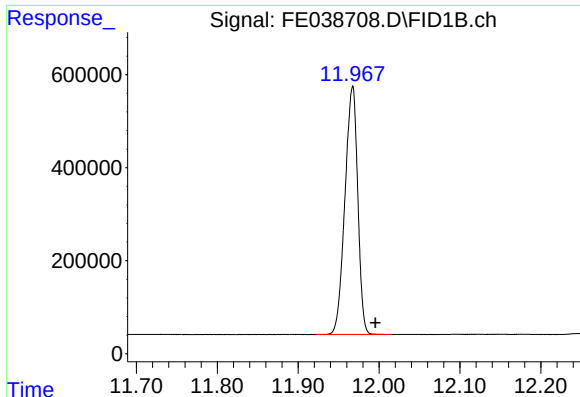
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.027 min
Response: 6601672
Conc: 41.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.646 min
Delta R.T.: -0.027 min
Response: 6648753
Conc: 41.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.028 min
Response: 5881323
Conc: 34.18 ug/ml

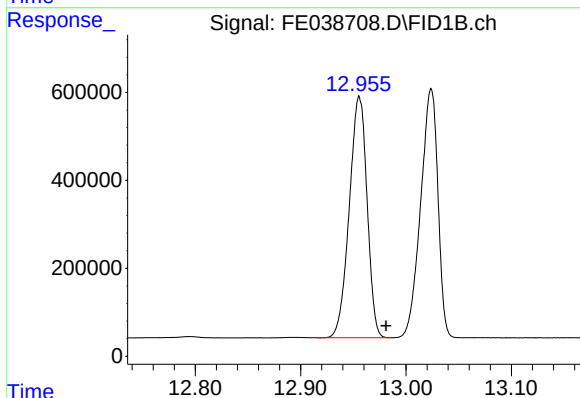
Instrument :

FID_E

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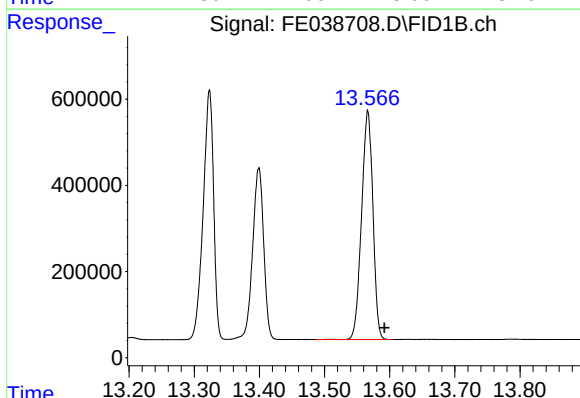
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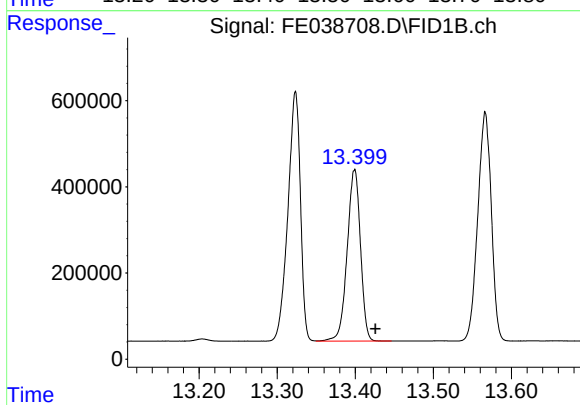
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.025 min
Response: 6445049
Conc: 40.00 ug/ml



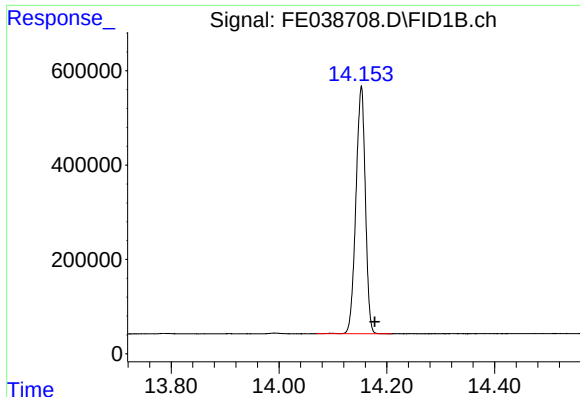
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.026 min
Response: 6410200
Conc: 39.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.026 min
Response: 4708949
Conc: 34.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.153 min
Delta R.T.: -0.025 min
Response: 6375786
Conc: 39.49 ug/ml

Instrument :

FID_E

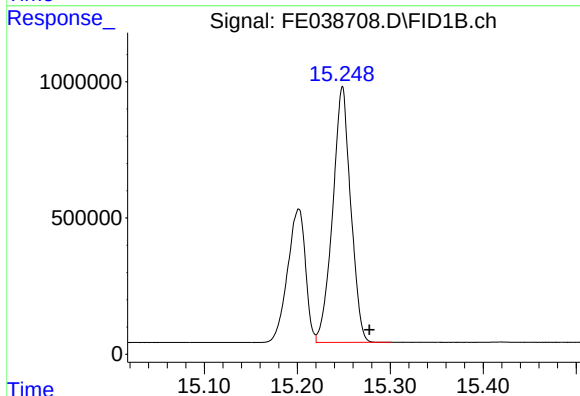
ClientSampleId :

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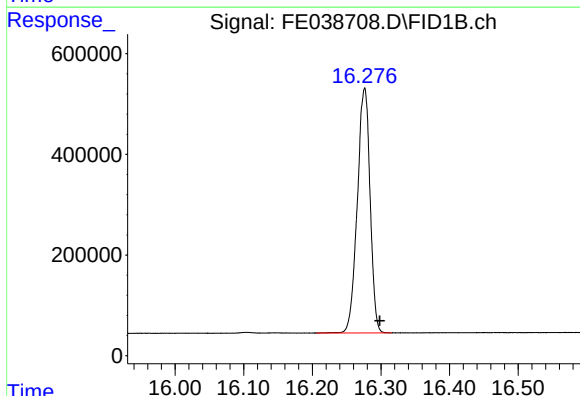
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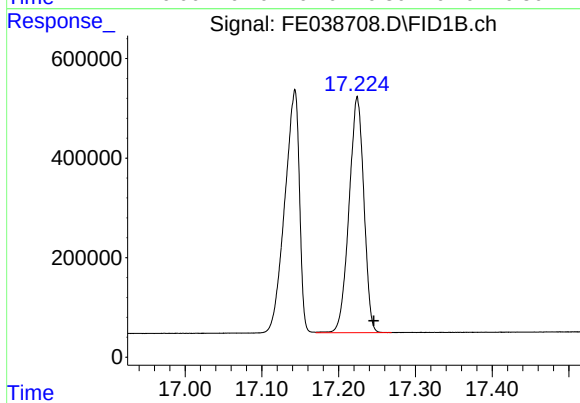
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.029 min
Response: 12664488
Conc: 78.96 ug/ml



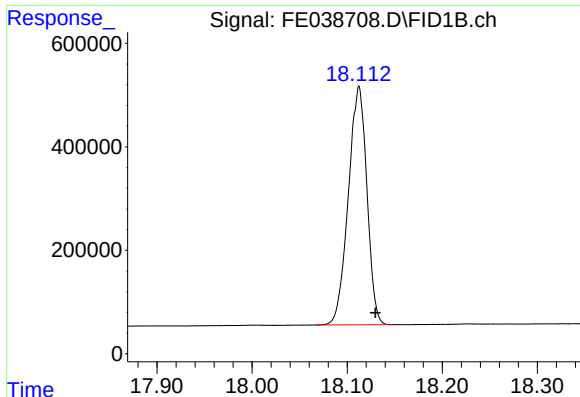
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.022 min
Response: 6295979
Conc: 39.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.022 min
Response: 6364370
Conc: 40.57 ug/ml



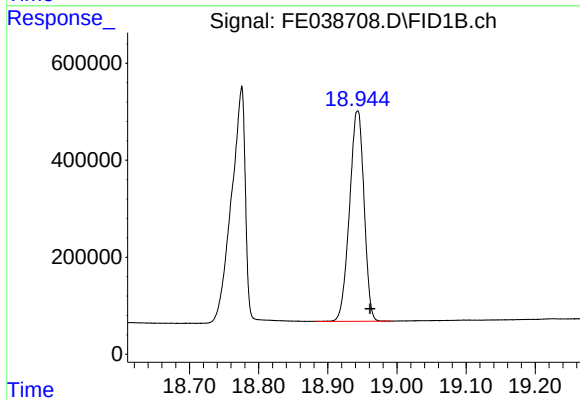
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: -0.018 min
Response: 6265190
Conc: 39.27 ug/ml

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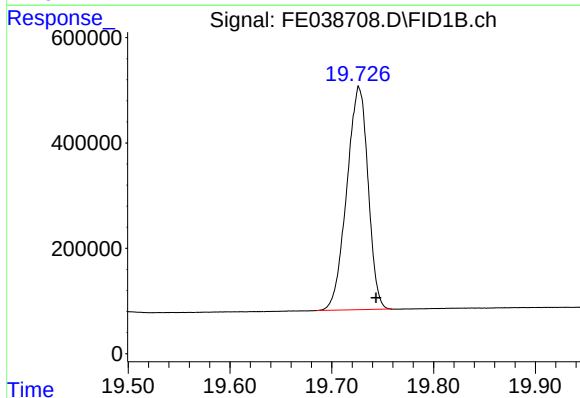
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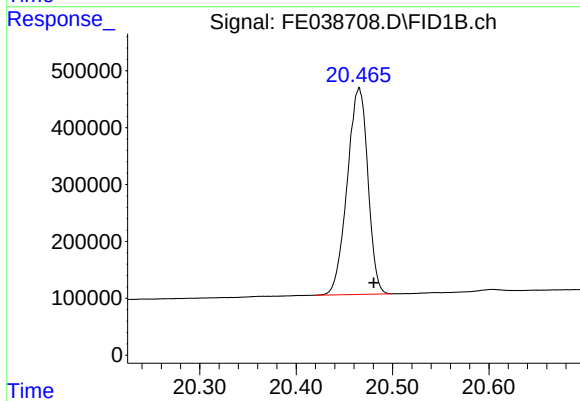
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.018 min
Response: 6335096
Conc: 40.18 ug/ml



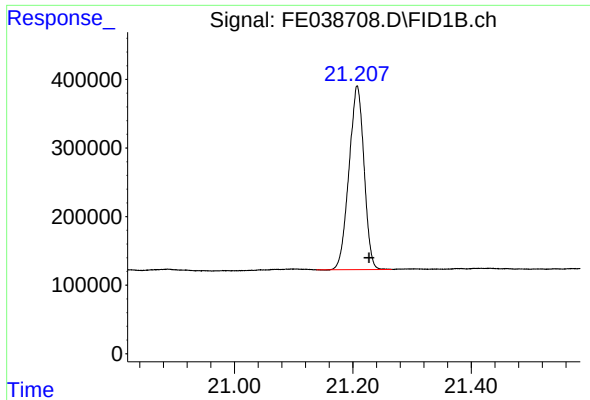
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.018 min
Response: 6151770
Conc: 41.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.015 min
Response: 5399417
Conc: 37.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 4725682
Conc: 34.99 ug/ml

Instrument :

FID_E

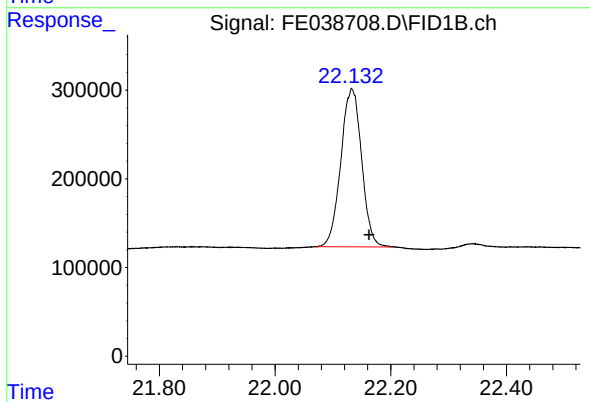
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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.031 min
Response: 4442754
Conc: 35.20 ug/ml m