

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038815.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 18:13
 Operator : YP\AJ
 Sample : N5638-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 JC-3-111522-EPH-2MS

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 04:41:43 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)	11.959	4993934	29.022 ug/ml
Spiked Amount 50.000		Recovery =	58.04%
12) S 1-chlorooctadecane (S...	13.393	3702752	27.047 ug/ml
Spiked Amount 50.000		Recovery =	54.09%
Target Compounds			
1) T n-Nonane (C9)	3.355	3878003	25.180 ug/ml
2) T n-Decane (C10)	4.604	4516083	29.094 ug/mlm
3) T A~Naphthalene (C11.7)	6.306	5328136	31.462 ug/ml
4) T n-Dodecane (C12)	6.766	5141365	32.912 ug/ml
5) T A~2-methylnaphthalene...	7.401	5371001	32.049 ug/ml
6) T n-Tetradecane (C14)	8.593	5332707	34.099 ug/ml
7) T n-Hexadecane (C16)	10.198	5689753	36.014 ug/ml
8) T n-Octadecane (C18)	11.641	5869513	36.643 ug/ml
10) T n-Eicosane (C20)	12.950	5628689	34.933 ug/ml
11) T n-Heneicosane (C21)	13.562	5528721	34.226 ug/ml
13) T n-Docosane (C22)	14.147	5516126	34.168 ug/ml
14) T n-Tetracosane (C24)	15.241	10517670	65.572 ug/ml
15) T n-Hexacosane (C26)	16.272	5320809	33.499 ug/ml
16) T n-Octacosane (C28)	17.220	5307269	33.828 ug/ml
17) T n-Tricontane (C30)	18.108	5177257	32.448 ug/mlm
18) T n-Dotriacontane (C32)	18.941	5244038	33.260 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5205523	35.310 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	5008910	35.056 ug/ml
21) T n-Octatriacontane (C38)	21.206	5086523	37.660 ug/mlm
22) T n-Tetracontane (C40)	22.132	5204969	41.234 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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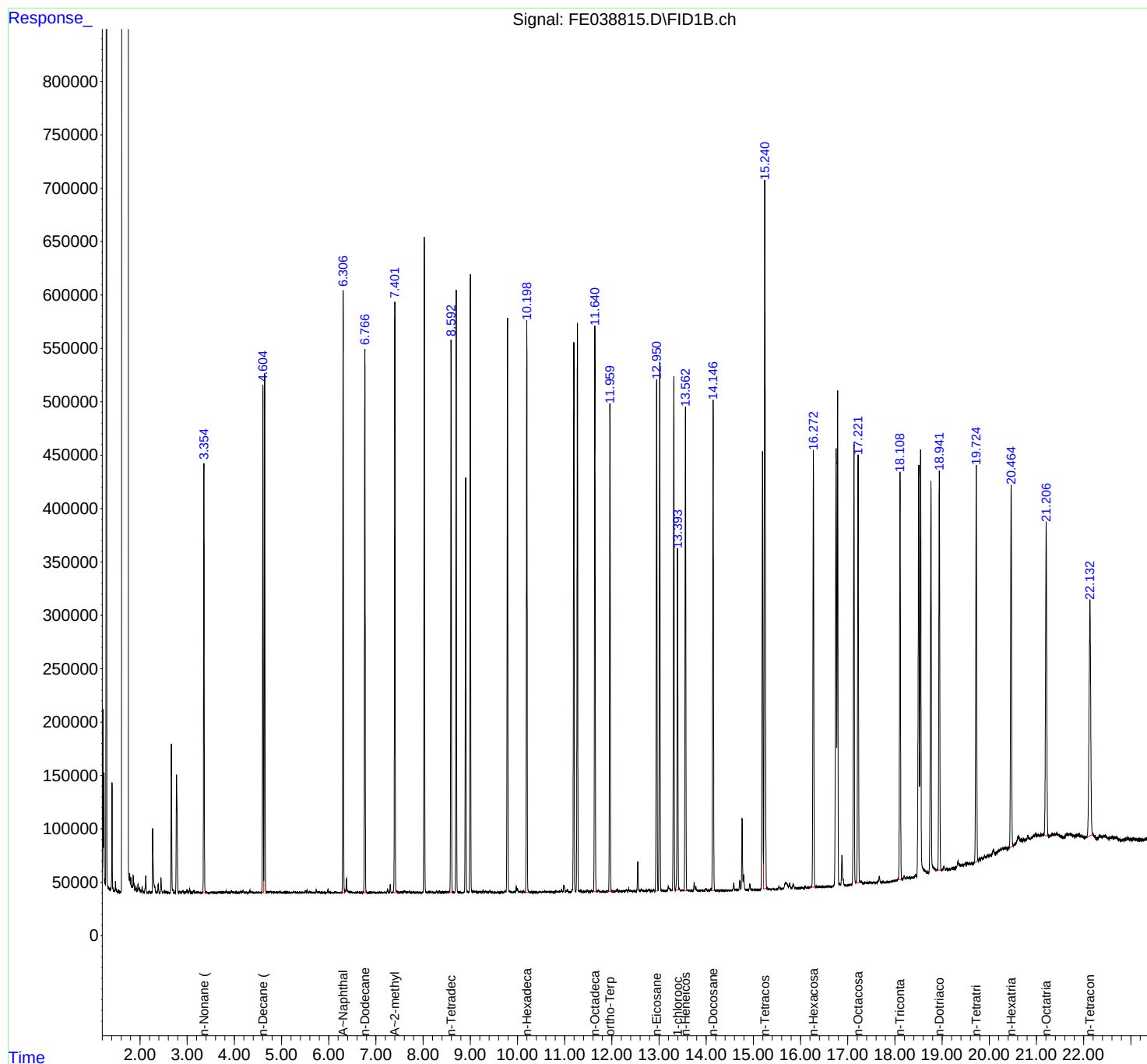
Instrument :
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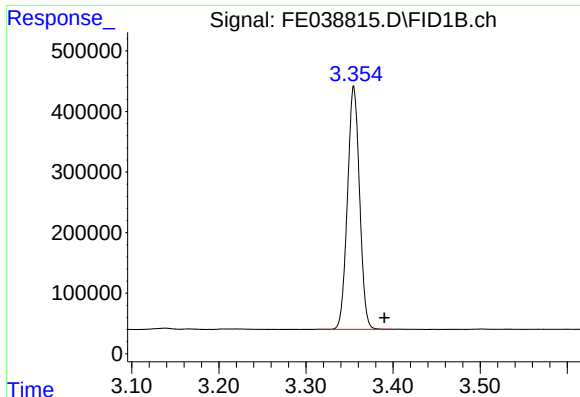
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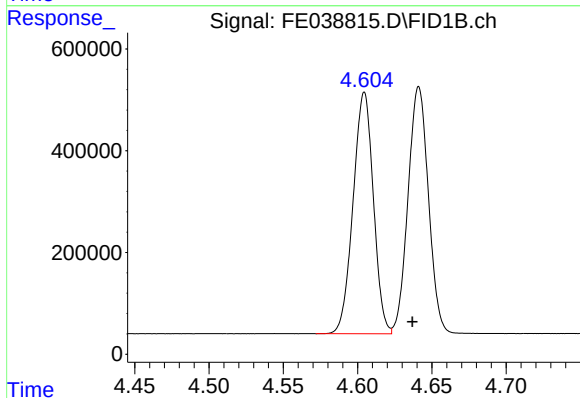
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.035 min
Response: 3878003
Conc: 25.18 ug/ml

Instrument :
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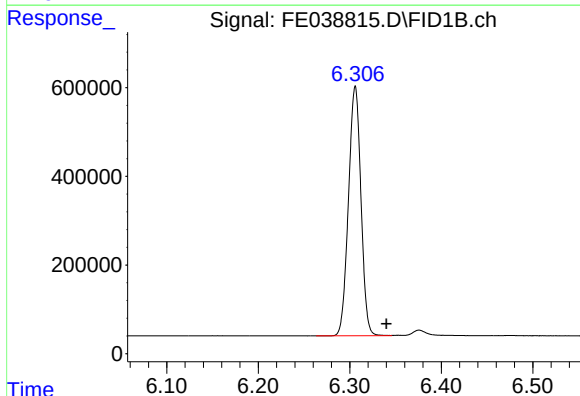
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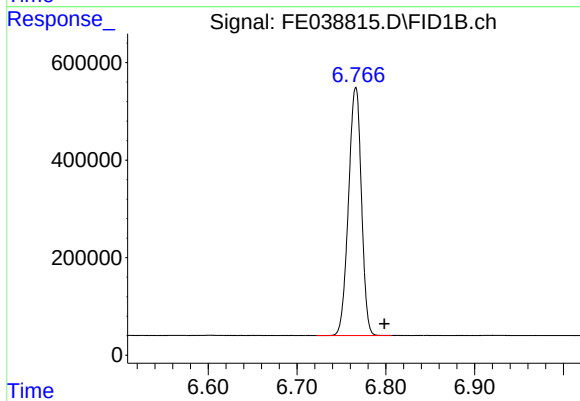
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.033 min
Response: 4516083
Conc: 29.09 ug/ml m



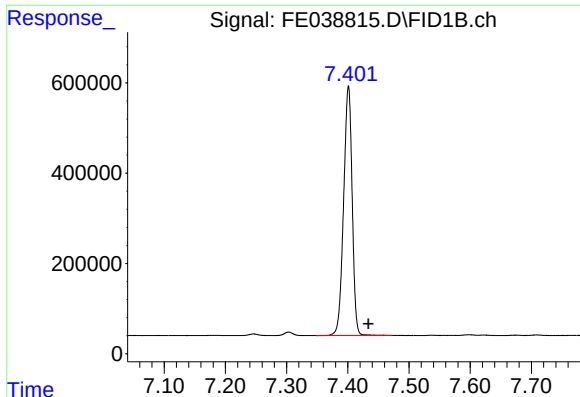
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.034 min
Response: 5328136
Conc: 31.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.032 min
Response: 5141365
Conc: 32.91 ug/ml



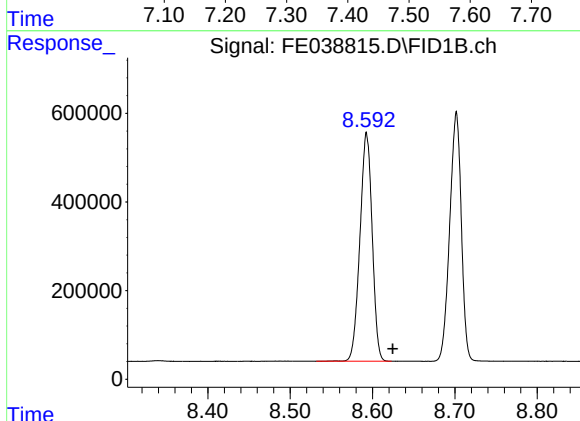
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.032 min
Response: 5371001
Conc: 32.05 ug/ml

Instrument :
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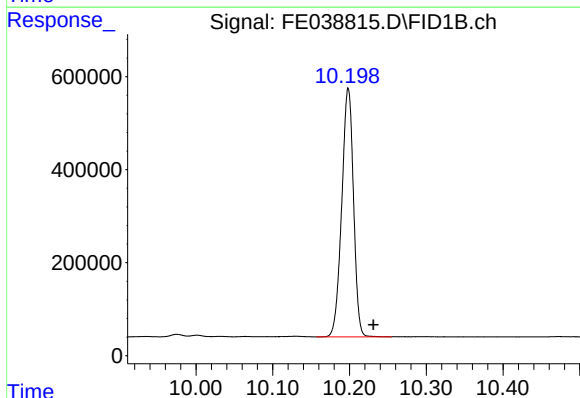
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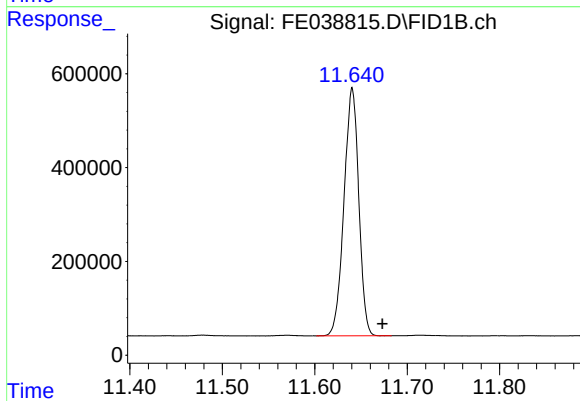
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.032 min
Response: 5332707
Conc: 34.10 ug/ml



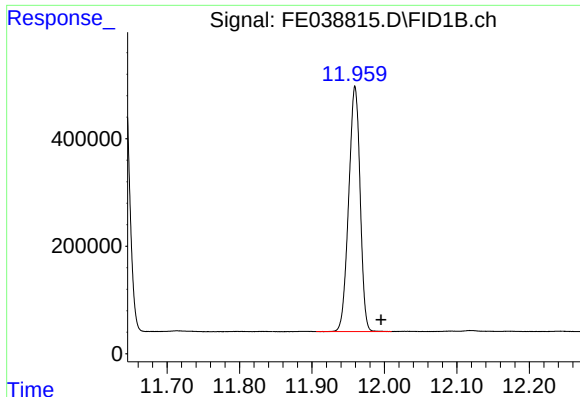
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.033 min
Response: 5689753
Conc: 36.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: -0.033 min
Response: 5869513
Conc: 36.64 ug/ml



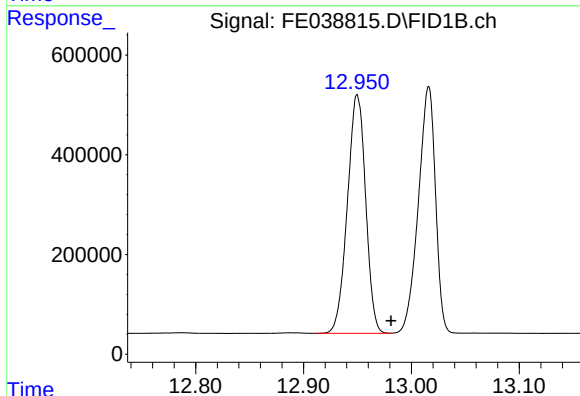
#9 ortho-Terphenyl (SURR)

R.T.: 11.959 min
Delta R.T.: -0.036 min
Response: 4993934
Conc: 29.02 ug/ml

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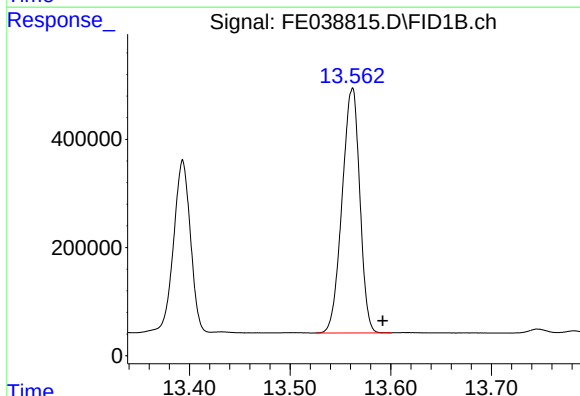
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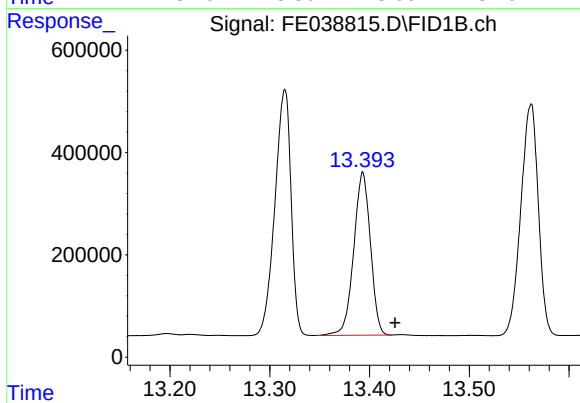
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 5628689
Conc: 34.93 ug/ml



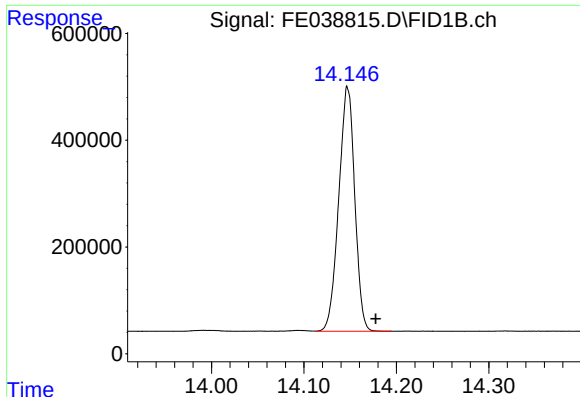
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 5528721
Conc: 34.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.032 min
Response: 3702752
Conc: 27.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.030 min
Response: 5516126
Conc: 34.17 ug/ml

Instrument :

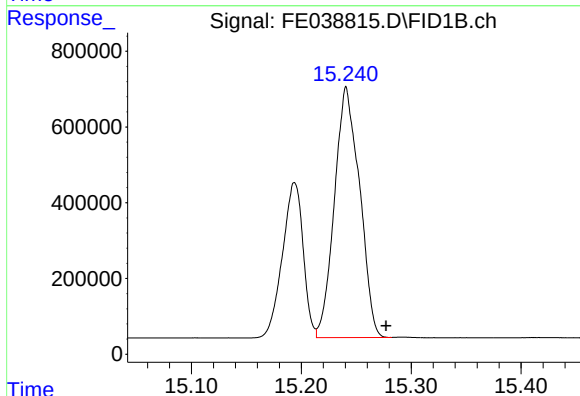
FID_E

ClientSampleId :

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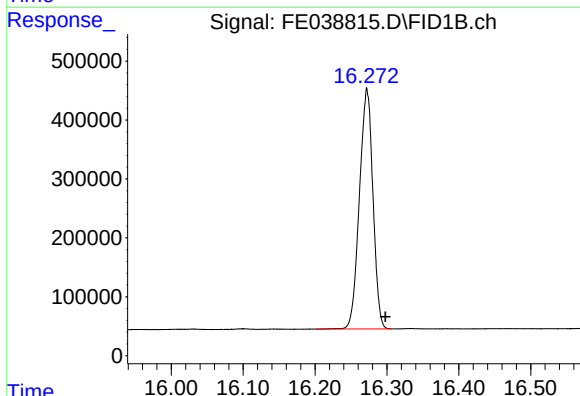
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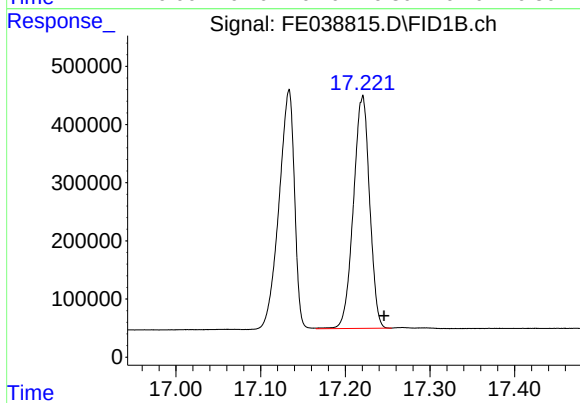
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.037 min
Response: 10517670
Conc: 65.57 ug/ml



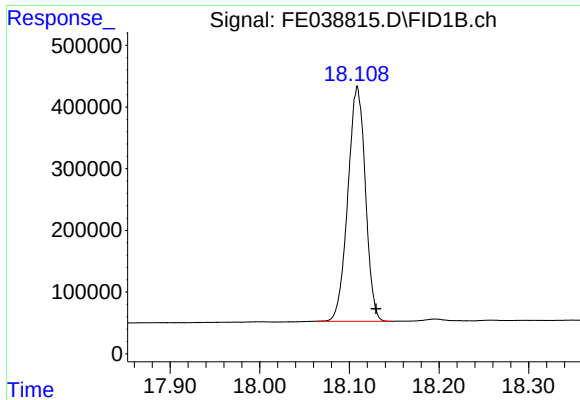
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.026 min
Response: 5320809
Conc: 33.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.025 min
Response: 5307269
Conc: 33.83 ug/ml



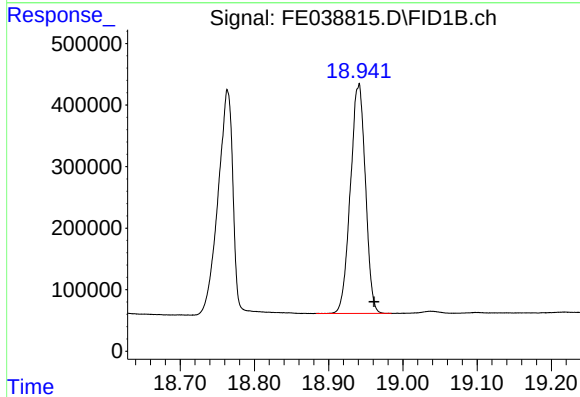
#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: -0.021 min
Response: 5177257
Conc: 32.45 ug/ml

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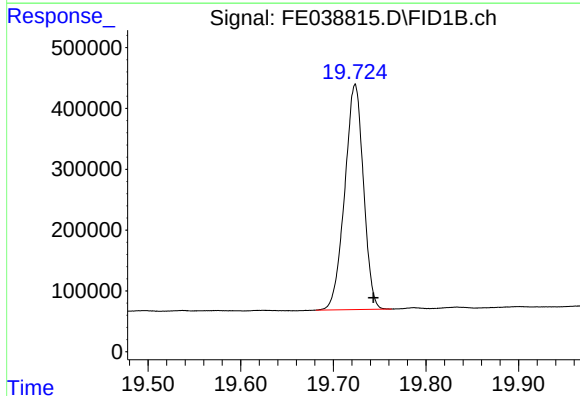
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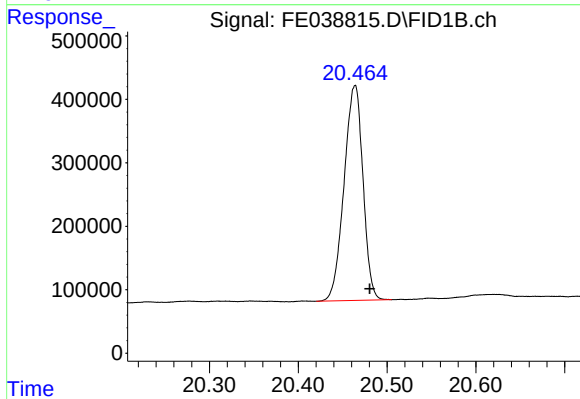
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 5244038
Conc: 33.26 ug/ml



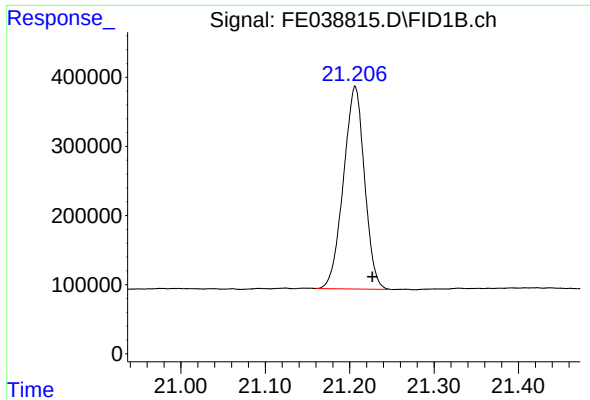
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 5205523
Conc: 35.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.017 min
Response: 5008910
Conc: 35.06 ug/ml



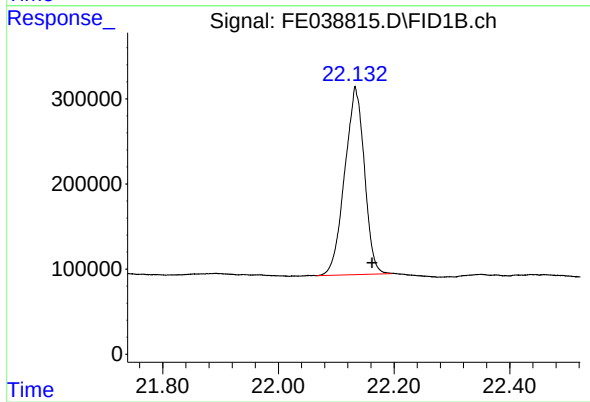
#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 5086523
Conc: 37.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.030 min
Response: 5204969
Conc: 41.23 ug/ml m