

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041641.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2023 20:17
 Operator : YP\AJ
 Sample : 02557-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 JC-03-042823-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 05:28:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.987	5136218	27.377 ug/ml
Spiked Amount 50.000		Recovery =	54.75%
12) S 1-chlorooctadecane (S...	13.424	4369225	30.928 ug/ml
Spiked Amount 50.000		Recovery =	61.86%
Target Compounds			
1) T n-Nonane (C9)	3.361	4549270	30.948 ug/ml
2) T n-Decane (C10)	4.614	5154029	34.365 ug/ml
3) T A~Naphthalene (C11.7)	6.321	6072163	36.692 ug/ml
4) T n-Dodecane (C12)	6.782	5657326	37.209 ug/ml
5) T A~2-methylnaphthalene...	7.418	5984991	37.117 ug/ml
6) T n-Tetradecane (C14)	8.614	5875202	38.677 ug/ml
7) T n-Hexadecane (C16)	10.222	6410753	40.172 ug/ml
8) T n-Octadecane (C18)	11.668	6825047	41.638 ug/ml
10) T n-Eicosane (C20)	12.979	6821408	42.410 ug/ml
11) T n-Heneicosane (C21)	13.592	6664827	41.820 ug/ml
13) T n-Docosane (C22)	14.179	6588959	41.354 ug/ml
14) T n-Tetracosane (C24)	15.273	12233275	75.879 ug/ml
15) T n-Hexacosane (C26)	16.307	6277360	39.706 ug/ml
16) T n-Octacosane (C28)	17.255	6094554	39.608 ug/ml
17) T n-Tricontane (C30)	18.145	5940360	39.003 ug/ml
18) T n-Dotriacontane (C32)	18.977	5818361	39.055 ug/ml
19) T n-Tetratriacontane (C34)	19.761	5702056	40.476 ug/ml
20) T n-Hexatriacontane (C36)	20.501	5464251	40.860 ug/mlm
21) T n-Octatriacontane (C38)	21.260	5652316	42.777 ug/ml
22) T n-Tetracontane (C40)	22.206	6003796	47.419 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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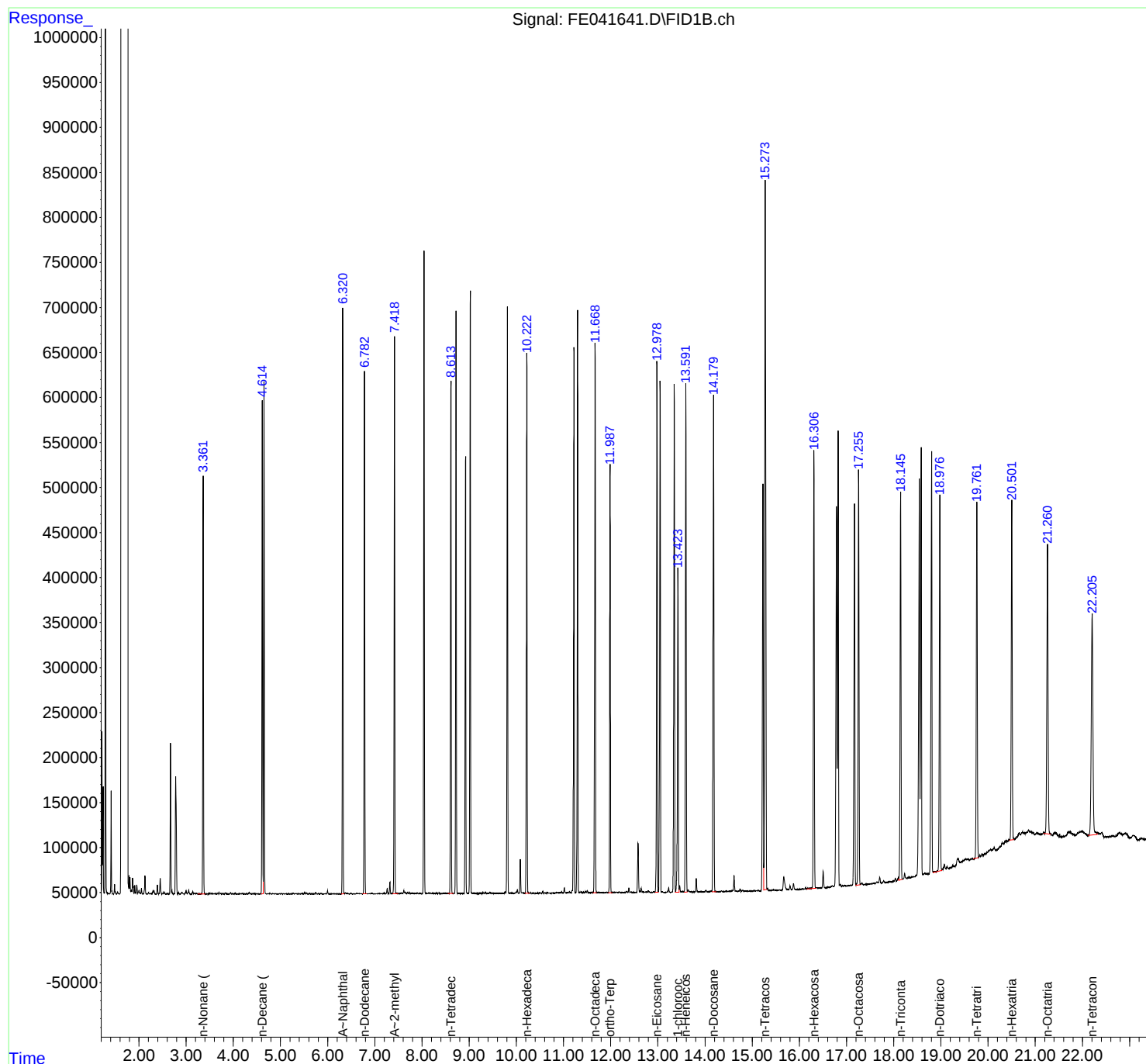
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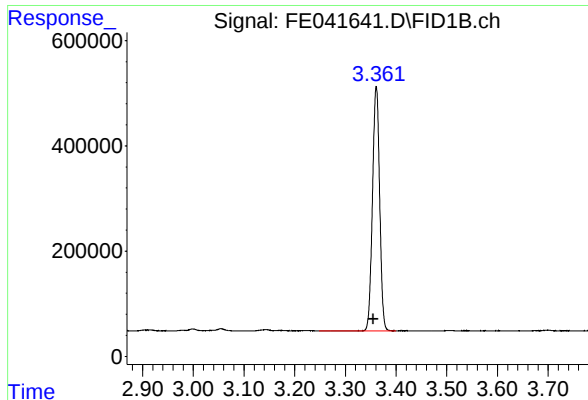
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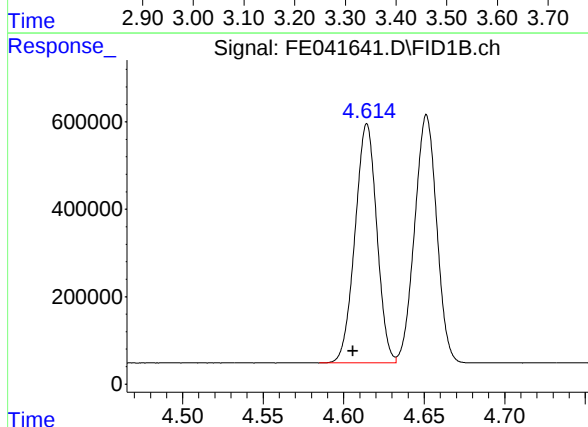
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.006 min
Response: 4549270
Conc: 30.95 ug/ml

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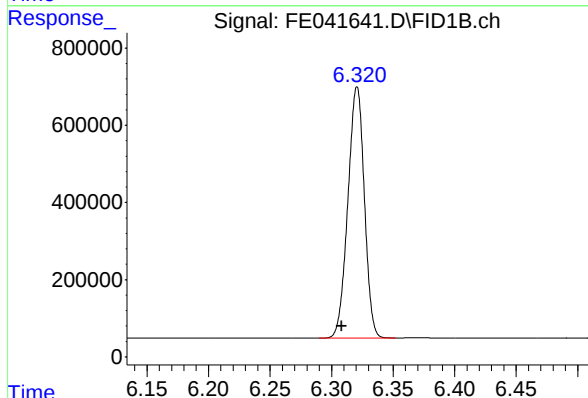
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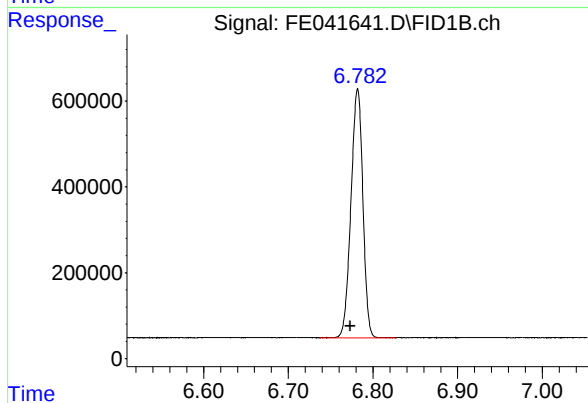
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.009 min
Response: 5154029
Conc: 34.36 ug/ml



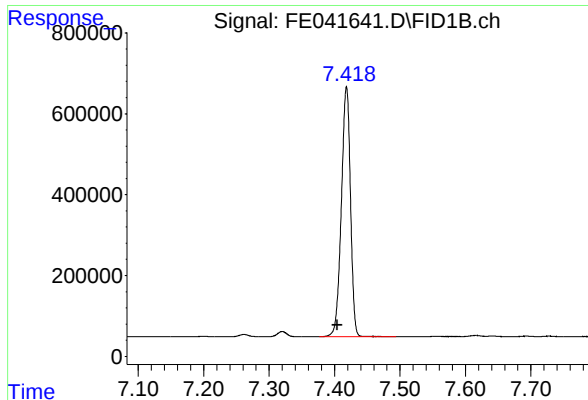
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: 0.013 min
Response: 6072163
Conc: 36.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.009 min
Response: 5657326
Conc: 37.21 ug/ml



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

R.T.: 7.418 min
Delta R.T.: 0.014 min
Response: 5984991
Conc: 37.12 ug/ml

Instrument :

FID_E

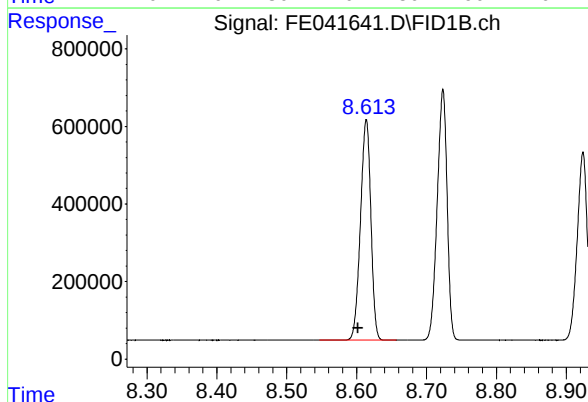
ClientSampleId :

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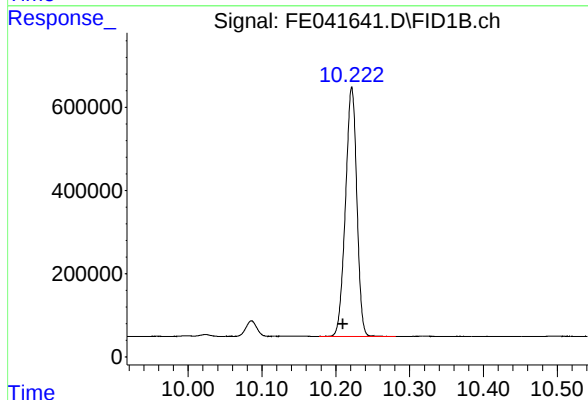
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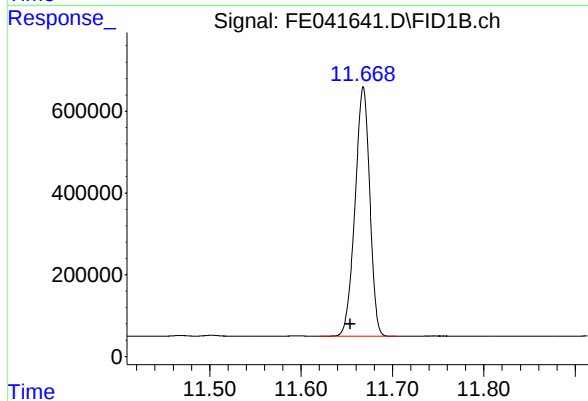
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.012 min
Response: 5875202
Conc: 38.68 ug/ml



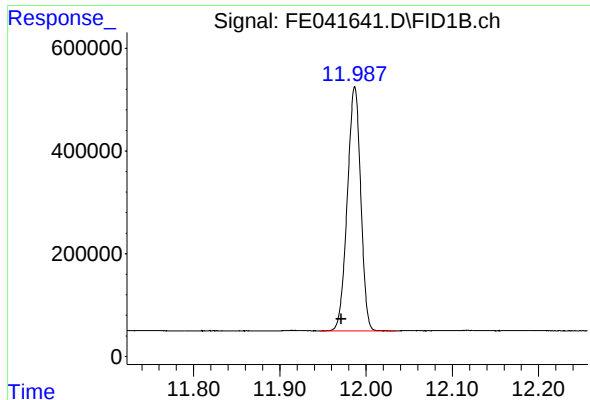
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.012 min
Response: 6410753
Conc: 40.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.668 min
Delta R.T.: 0.014 min
Response: 6825047
Conc: 41.64 ug/ml



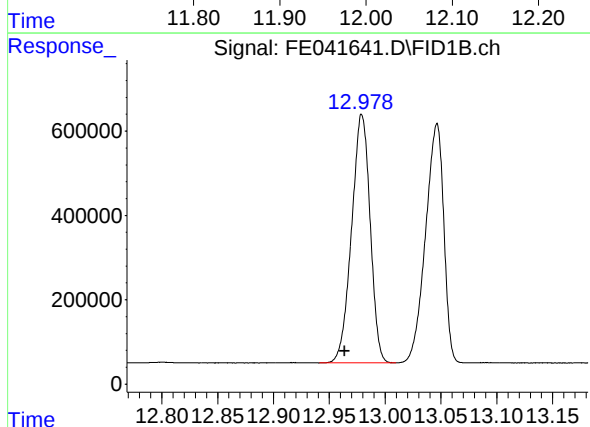
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.015 min
Response: 5136218
Conc: 27.38 ug/ml

Instrument :
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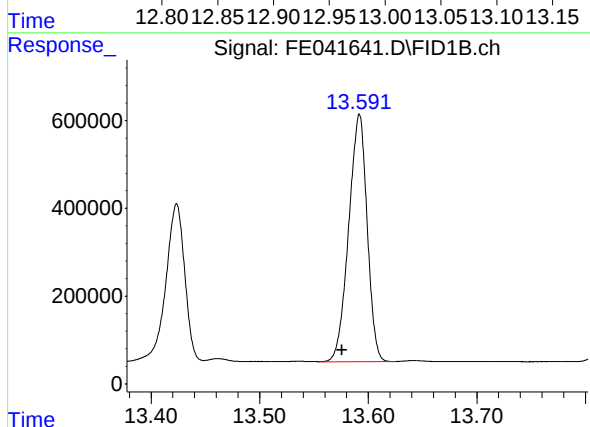
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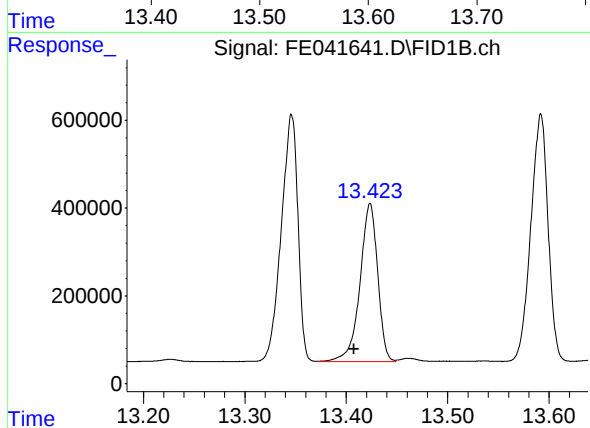
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.015 min
Response: 6821408
Conc: 42.41 ug/ml



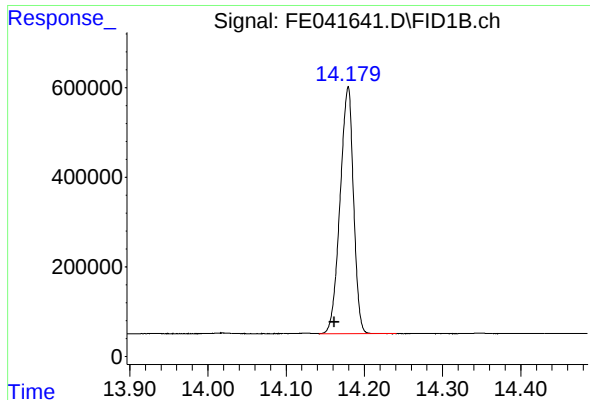
#11 n-Heneicosane (C21)

R.T.: 13.592 min
Delta R.T.: 0.016 min
Response: 6664827
Conc: 41.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.016 min
Response: 4369225
Conc: 30.93 ug/ml



#13 n-Docosane (C22)

R.T.: 14.179 min
Delta R.T.: 0.017 min
Response: 6588959
Conc: 41.35 ug/ml

Instrument :

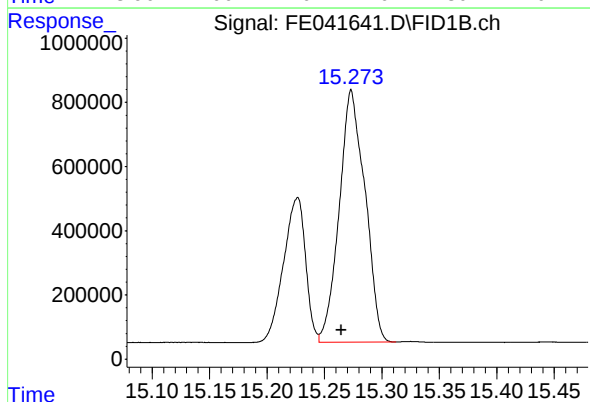
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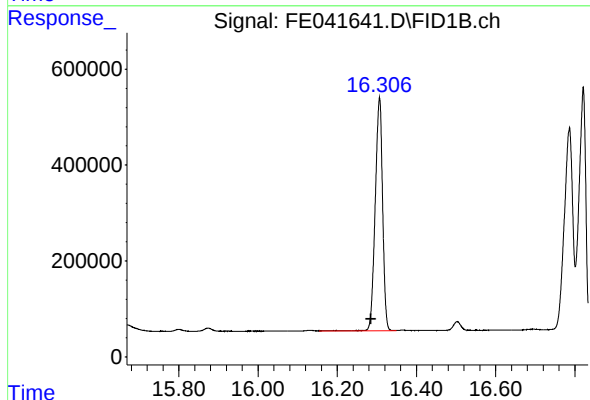
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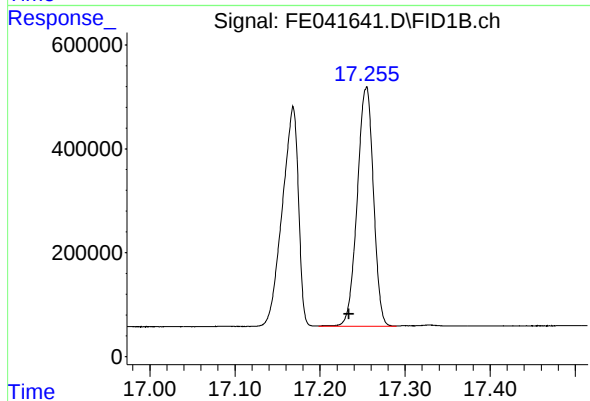
#14 n-Tetracosane (C24)

R.T.: 15.273 min
Delta R.T.: 0.008 min
Response: 12233275
Conc: 75.88 ug/ml



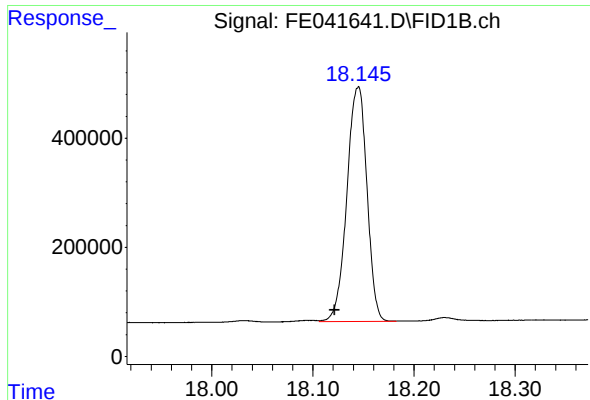
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.022 min
Response: 6277360
Conc: 39.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: 0.021 min
Response: 6094554
Conc: 39.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: 0.023 min
Response: 5940360
Conc: 39.00 ug/ml

Instrument :

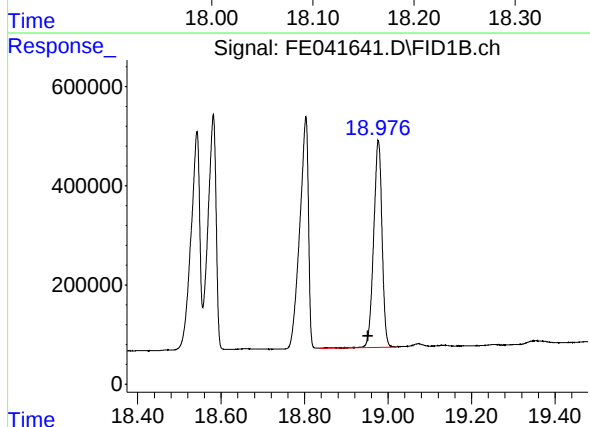
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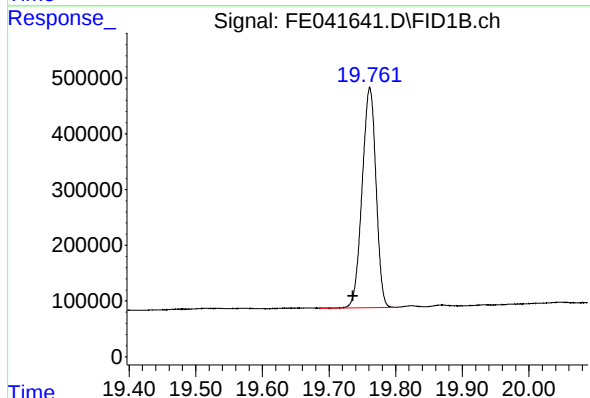
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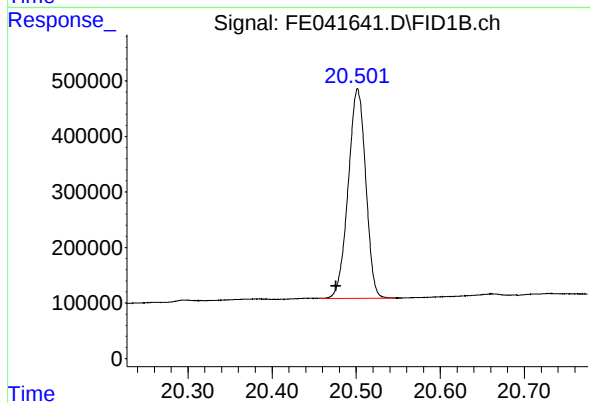
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: 0.025 min
Response: 5818361
Conc: 39.05 ug/ml



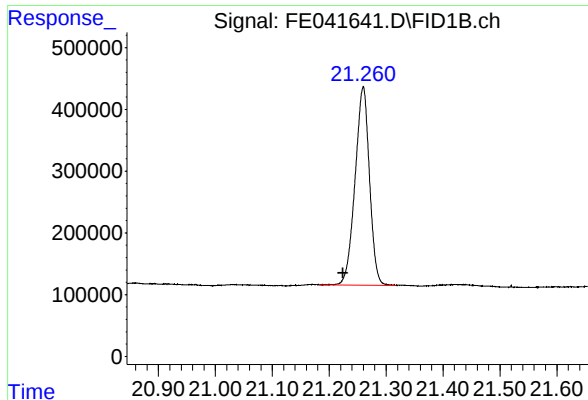
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: 0.025 min
Response: 5702056
Conc: 40.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.501 min
Delta R.T.: 0.025 min
Response: 5464251
Conc: 40.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.035 min
Response: 5652316
Conc: 42.78 ug/ml

Instrument :

FID_E

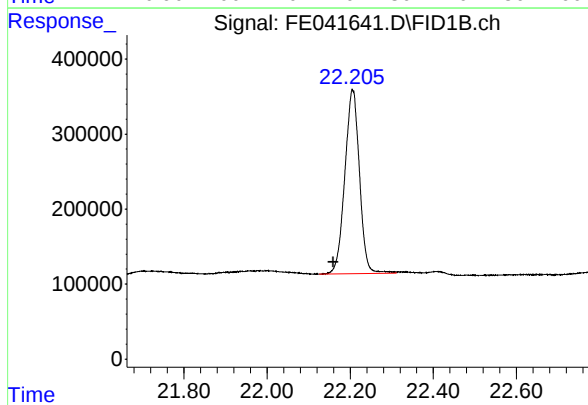
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#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: 0.047 min
Response: 6003796
Conc: 47.42 ug/ml