

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053733.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 03:34
 Operator : YP\AJ
 Sample : Q1972-17MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SUB-WC-2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e

Quant Time: May 09 07:25:50 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 2025

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)	11.859	5418259	30.041 ug/ml
Spiked Amount 50.000		Recovery =	60.08%
12) S 1-chlorooctadecane (S...	13.303	4336594	32.081 ug/ml
Spiked Amount 50.000		Recovery =	64.16%
Target Compounds			
1) T n-Nonane (C9)	3.210	3867124	28.206 ug/ml
2) T n-Decane (C10)	4.470	4533305	32.770 ug/mlm
3) T A~Naphthalene (C11.7)	6.180	5494753	36.402 ug/ml
4) T n-Dodecane (C12)	6.649	5078547	36.211 ug/ml
5) T A~2-methylnaphthalene...	7.282	5251434	35.173 ug/ml
6) T n-Tetradecane (C14)	8.485	5564374	39.663 ug/ml
7) T n-Hexadecane (C16)	10.097	5720934	39.917 ug/ml
8) T n-Octadecane (C18)	11.545	5751058	39.463 ug/ml
10) T n-Eicosane (C20)	12.860	5850441	40.206 ug/ml
11) T n-Heneicosane (C21)	13.472	5565551	38.424 ug/ml
13) T n-Docosane (C22)	14.060	5501540	38.125 ug/mlm
14) T n-Tetracosane (C24)	15.156	11072789	77.087 ug/ml
15) T n-Hexacosane (C26)	16.189	5277155	37.260 ug/ml
16) T n-Octacosane (C28)	17.139	5436654	39.077 ug/ml
17) T n-Tricontane (C30)	18.031	5203151	37.380 ug/mlm
18) T n-Dotriacontane (C32)	18.863	5169997	37.653 ug/ml
19) T n-Tetratriacontane (C34)	19.647	5228745	40.130 ug/ml
20) T n-Hexatriacontane (C36)	20.388	5025537	39.807 ug/ml
21) T n-Octatriacontane (C38)	21.120	5148813	42.262 ug/mlm
22) T n-Tetracontane (C40)	22.022	5266294	44.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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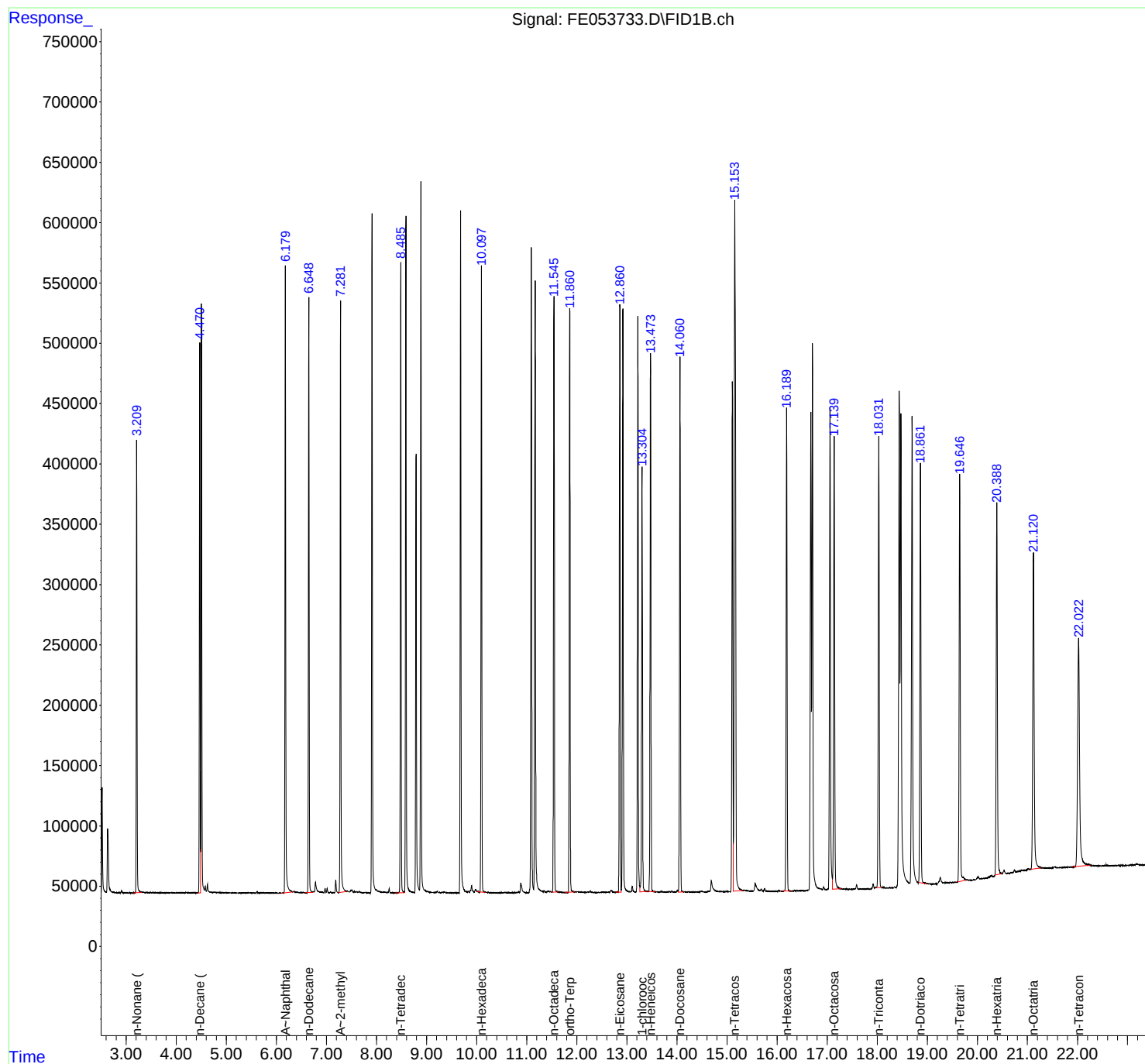
Response via : Initial Calibration

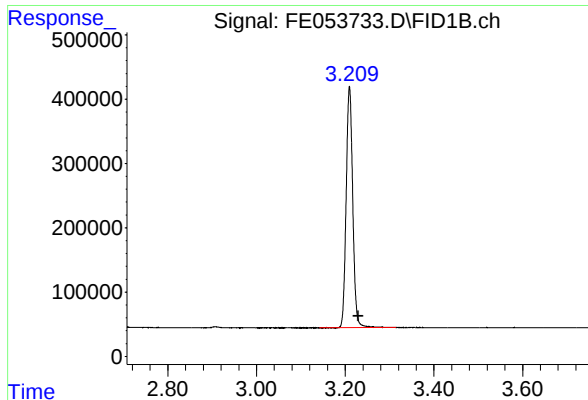
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





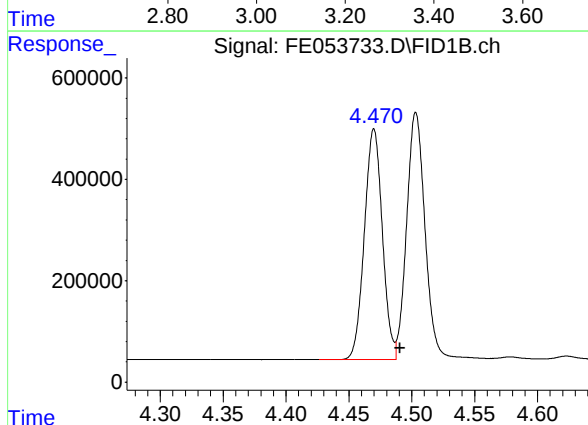
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.020 min
Response: 3867124
Conc: 28.21 ug/ml

Instrument :
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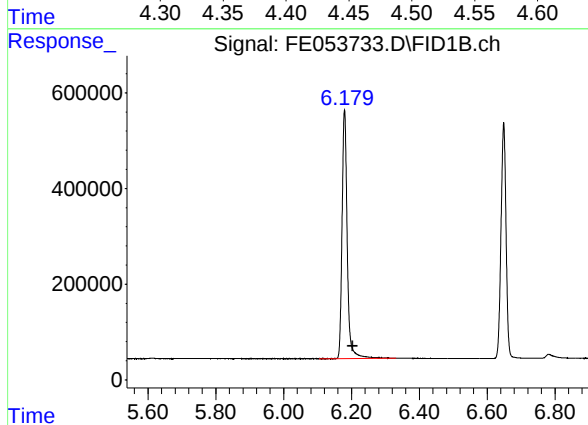
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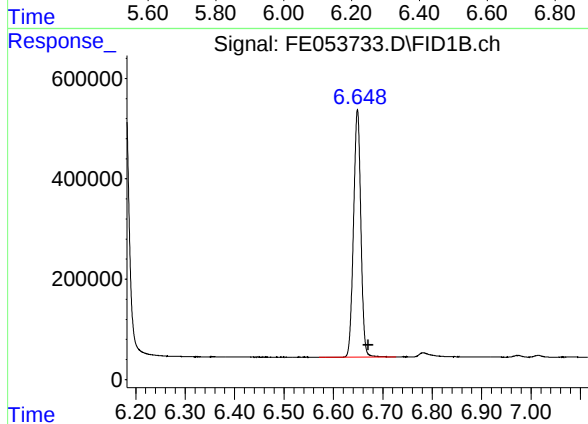
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.021 min
Response: 4533305
Conc: 32.77 ug/ml



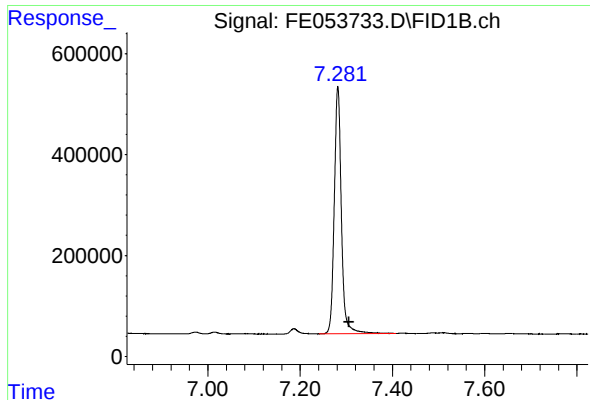
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.024 min
Response: 5494753
Conc: 36.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.022 min
Response: 5078547
Conc: 36.21 ug/ml



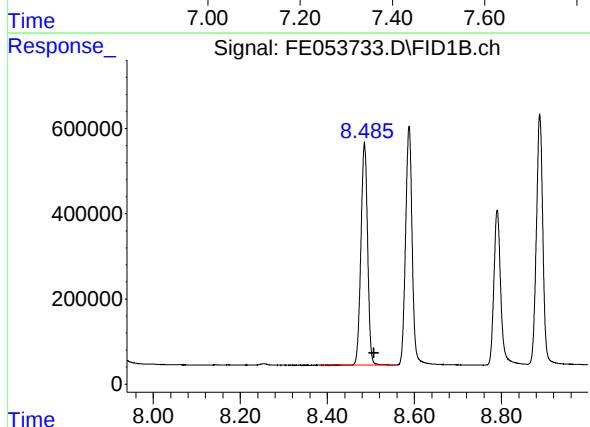
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.024 min
Response: 5251434
Conc: 35.17 ug/ml

Instrument :
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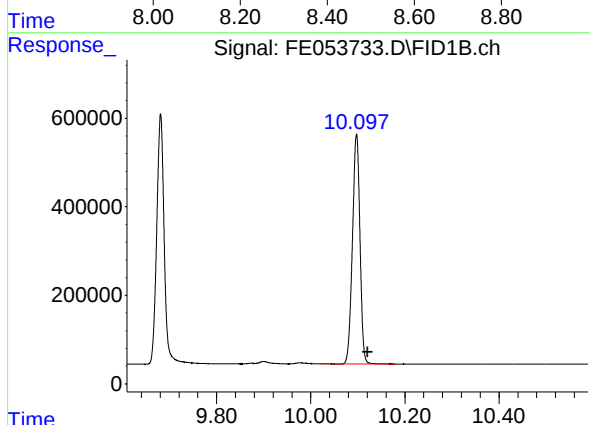
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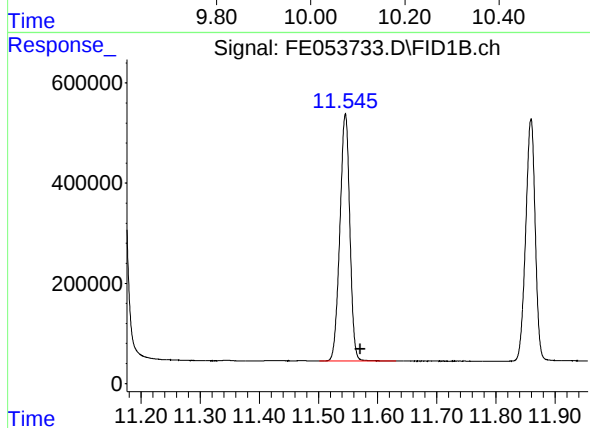
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: -0.022 min
Response: 5564374
Conc: 39.66 ug/ml



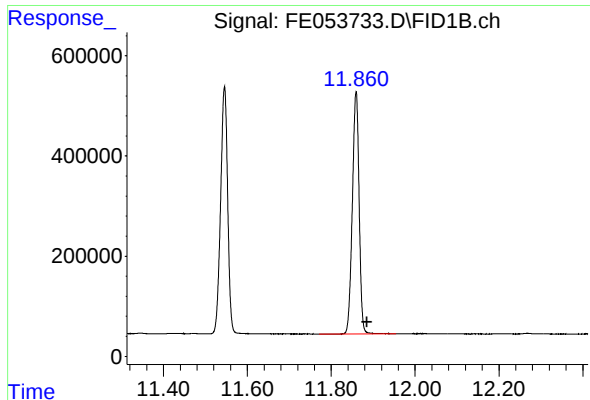
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.024 min
Response: 5720934
Conc: 39.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.025 min
Response: 5751058
Conc: 39.46 ug/ml



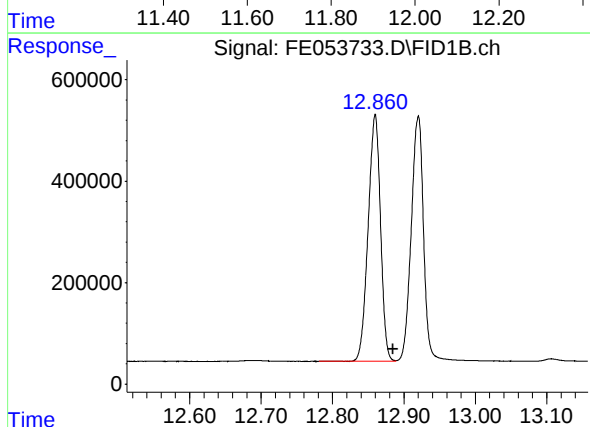
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: -0.027 min
Response: 5418259
Conc: 30.04 ug/ml

Instrument :
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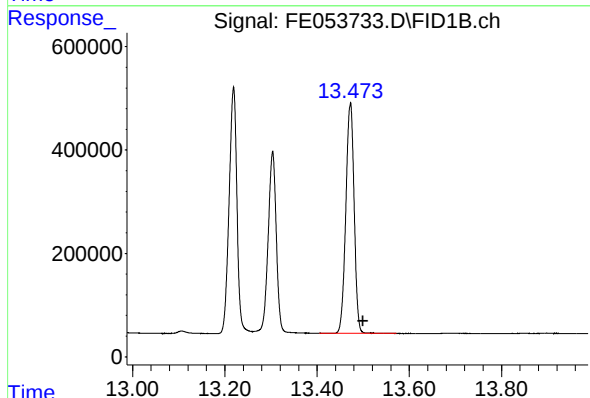
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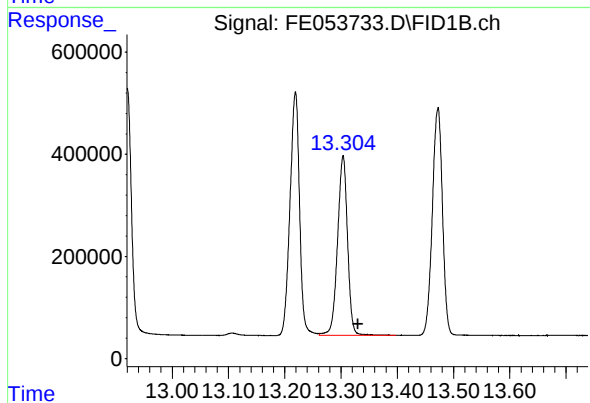
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: -0.025 min
Response: 5850441
Conc: 40.21 ug/ml



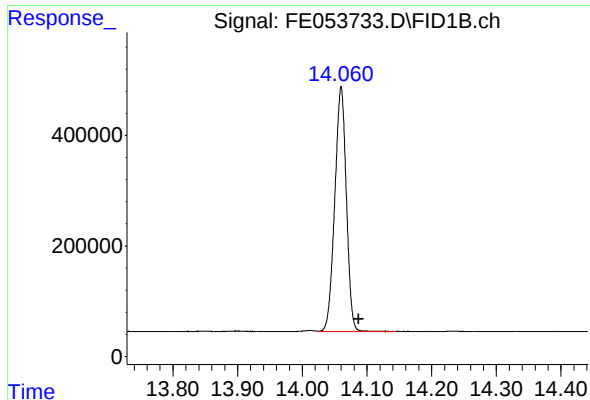
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: -0.027 min
Response: 5565551
Conc: 38.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: -0.027 min
Response: 4336594
Conc: 32.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: -0.028 min
Response: 5501540
Conc: 38.12 ug/ml

Instrument :

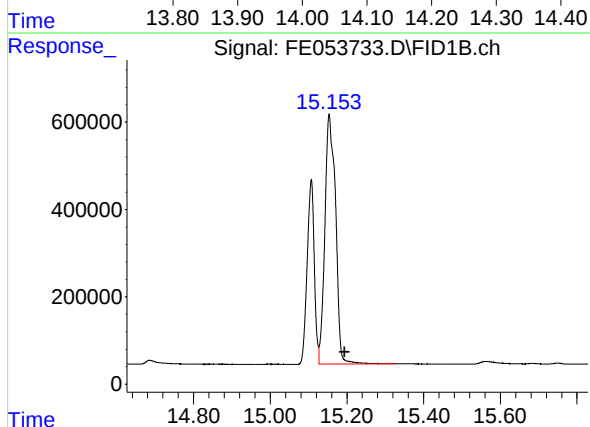
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ClientSampleId :

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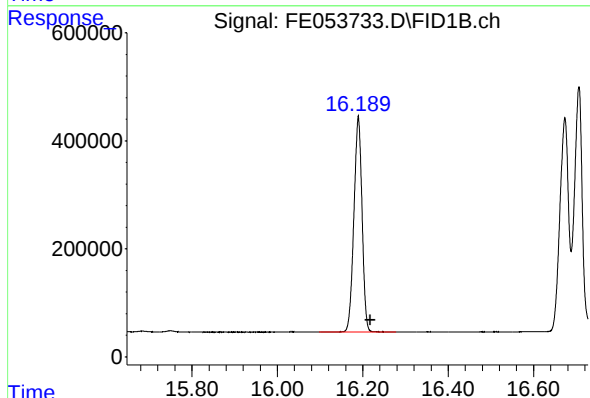
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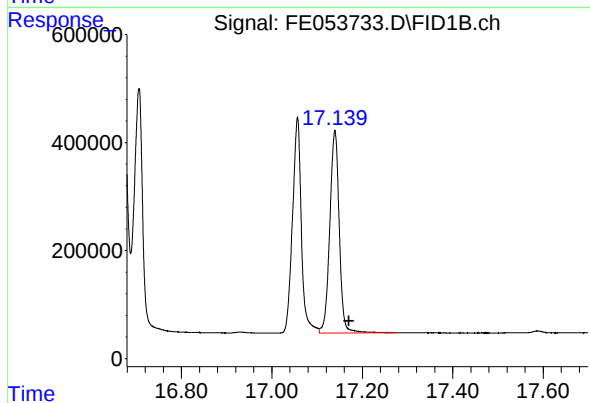
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: -0.038 min
Response: 11072789
Conc: 77.09 ug/ml



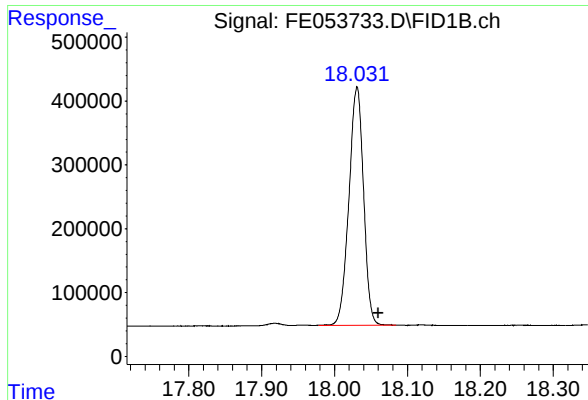
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.028 min
Response: 5277155
Conc: 37.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: -0.031 min
Response: 5436654
Conc: 39.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.029 min
Response: 5203151
Conc: 37.38 ug/ml

Instrument :

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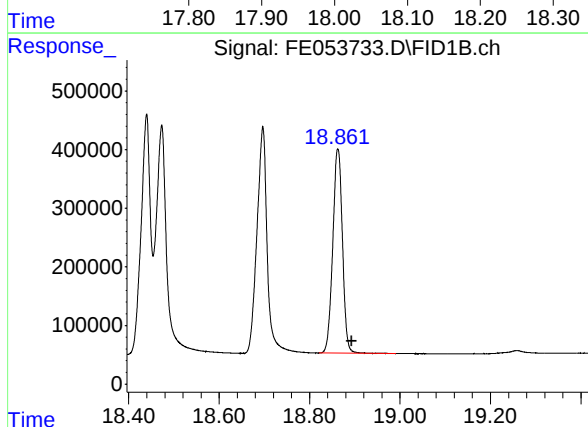
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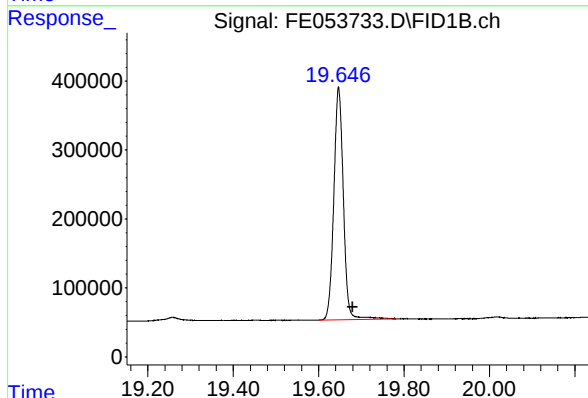
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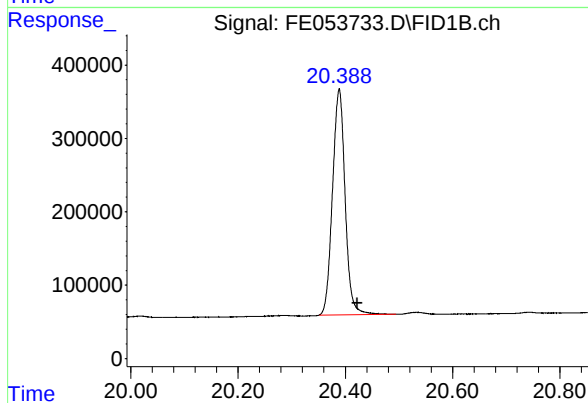
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.031 min
Response: 5169997
Conc: 37.65 ug/ml



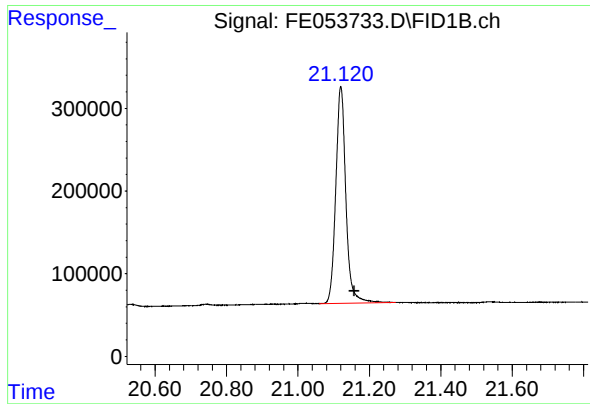
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.033 min
Response: 5228745
Conc: 40.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.034 min
Response: 5025537
Conc: 39.81 ug/ml



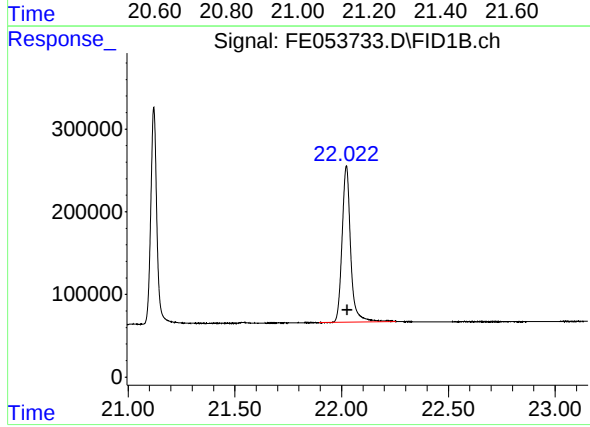
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.038 min
Response: 5148813
Conc: 42.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.005 min
Response: 5266294
Conc: 44.10 ug/ml