

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091225AL\
 Data File : FE055803.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 15:51
 Operator : YP\AJ
 Sample : PB169673BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File: autoint1.e
 Quant Time: Sep 13 04:44:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.072	7011271	42.678 ug/ml
Spiked Amount 50.000		Recovery =	85.36%
12) S 1-chlorooctadecane (S...	13.509	5466393	43.715 ug/ml
Spiked Amount 50.000		Recovery =	87.43%
Target Compounds			
1) T n-Nonane (C9)	3.419	5565174	43.854 ug/ml
2) T n-Decane (C10)	4.673	5857915	45.730 ug/ml
3) T A~Naphthalene (C11.7)	6.388	6766495	46.573 ug/ml
4) T n-Dodecane (C12)	6.845	6126738	47.052 ug/ml
5) T A~2-methylnaphthalene...	7.489	6326219	44.978 ug/ml
6) T n-Tetradecane (C14)	8.683	6280142	47.688 ug/ml
7) T n-Hexadecane (C16)	10.296	6585030	47.546 ug/ml
8) T n-Octadecane (C18)	11.746	6675429	45.766 ug/ml
10) T n-Eicosane (C20)	13.061	6820469	47.382 ug/ml
11) T n-Heneicosane (C21)	13.675	6446835	45.132 ug/ml
13) T n-Docosane (C22)	14.263	6285738	43.912 ug/ml
14) T n-Tetracosane (C24)	15.369	12341063	85.288 ug/ml
15) T n-Hexacosane (C26)	16.394	5810845	40.674 ug/ml
16) T n-Octacosane (C28)	17.346	5539088	38.943 ug/ml
17) T n-Tricontane (C30)	18.235	5905717	39.952 ug/ml
18) T n-Dotriacontane (C32)	19.068	5973019	40.695 ug/ml
19) T n-Tetratriacontane (C34)	19.853	6239355	44.161 ug/ml
20) T n-Hexatriacontane (C36)	20.594	6313830	47.848 ug/ml
21) T n-Octatriacontane (C38)	21.369	6549166	50.285 ug/mlm
22) T n-Tetracontane (C40)	22.354	6270999	48.900 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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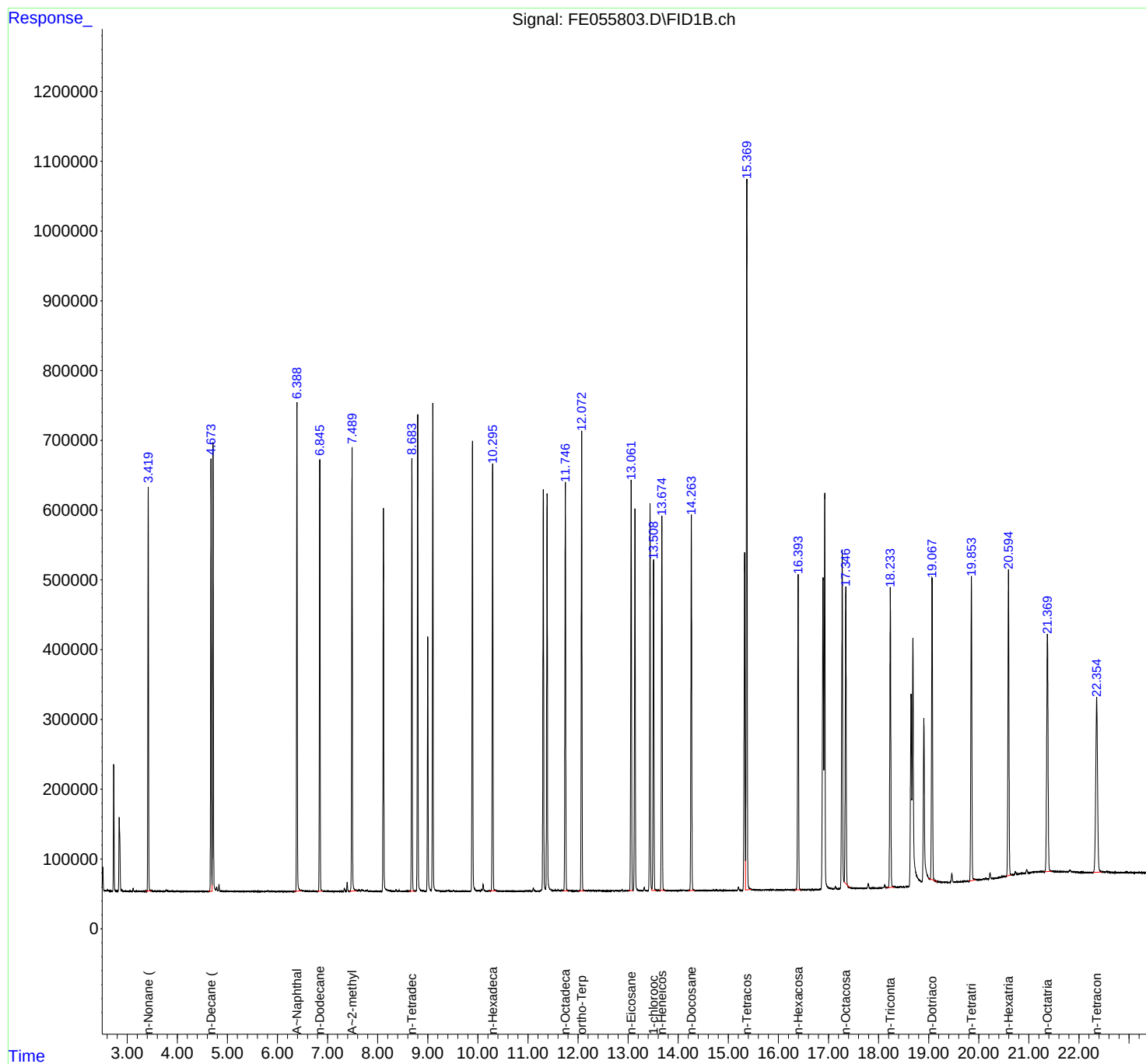
Instrument :
FID_E
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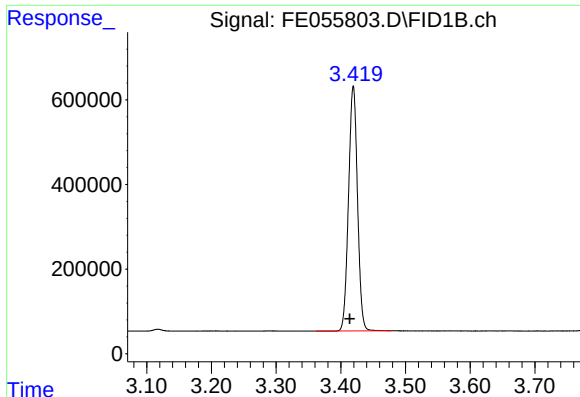
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#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.005 min
Response: 5565174
Conc: 43.85 ug/ml

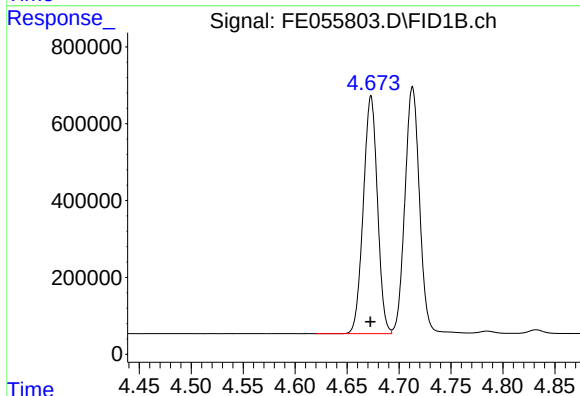
Instrument :

FID_E

ClientSampleId :

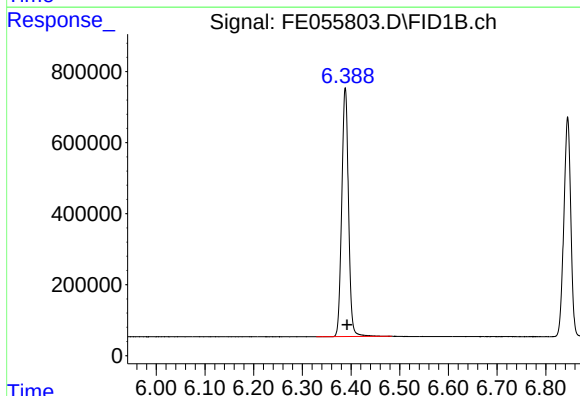
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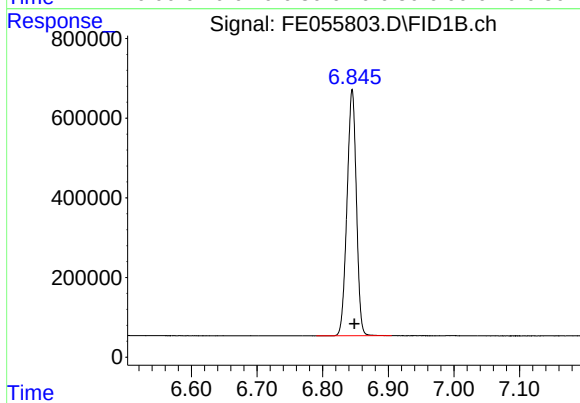
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 5857915
Conc: 45.73 ug/ml



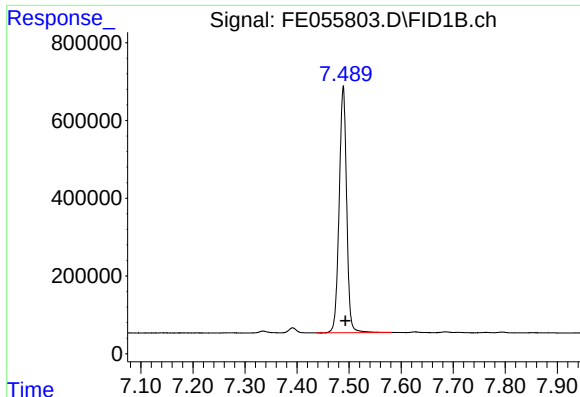
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 6766495
Conc: 46.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 6126738
Conc: 47.05 ug/ml



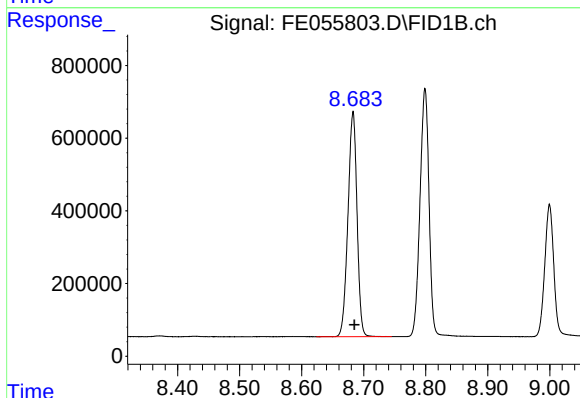
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 6326219
Conc: 44.98 ug/ml

Instrument :
FID_E
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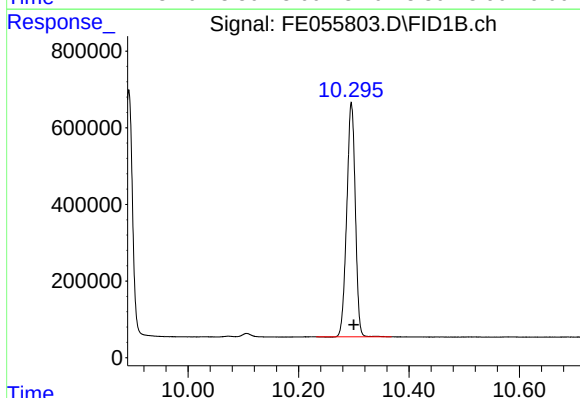
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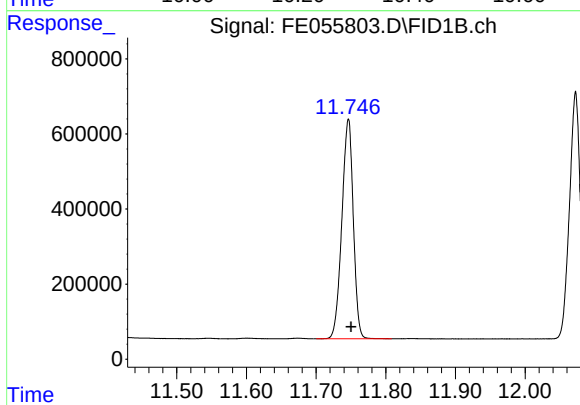
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 6280142
Conc: 47.69 ug/ml



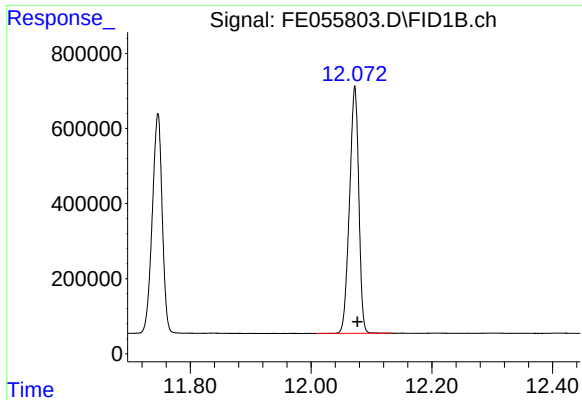
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: -0.005 min
Response: 6585030
Conc: 47.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.004 min
Response: 6675429
Conc: 45.77 ug/ml



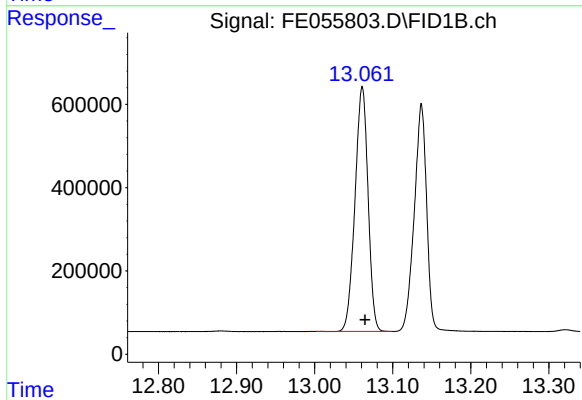
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: -0.004 min
Response: 7011271
Conc: 42.68 ug/ml

Instrument :
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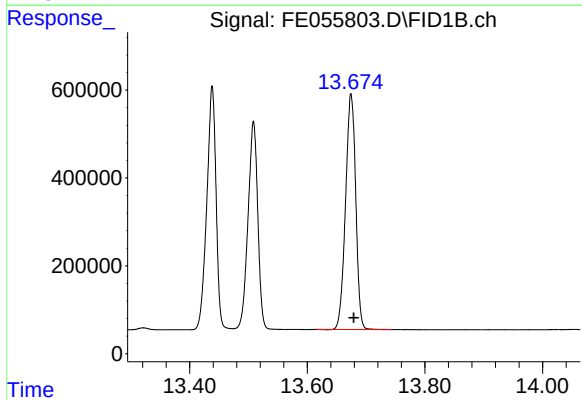
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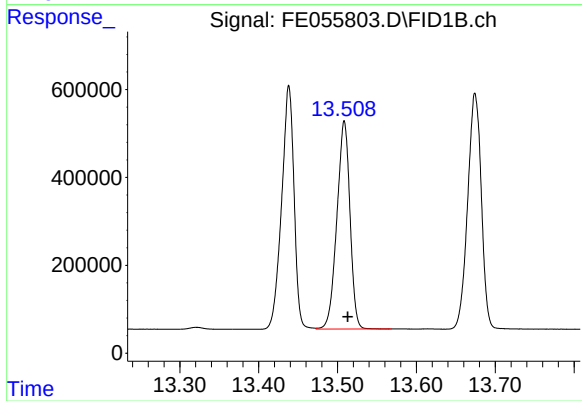
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.004 min
Response: 6820469
Conc: 47.38 ug/ml



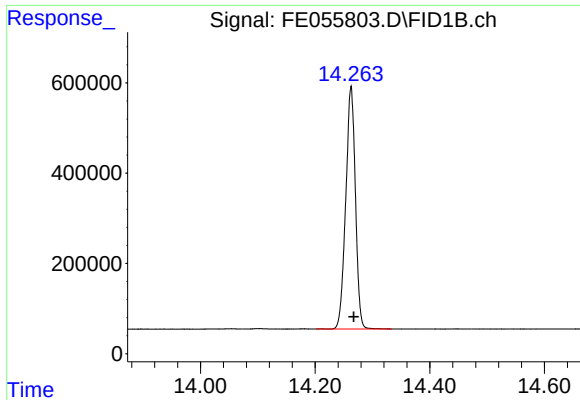
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.004 min
Response: 6446835
Conc: 45.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 5466393
Conc: 43.72 ug/ml



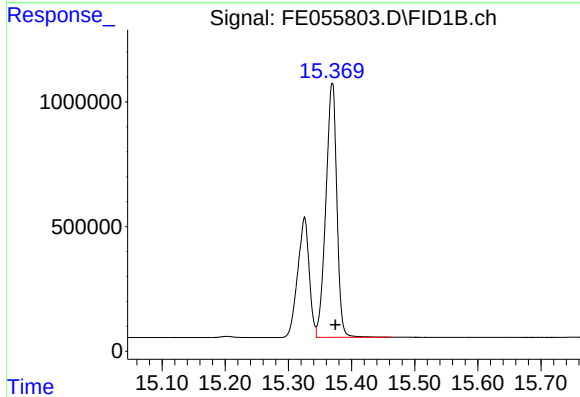
#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: -0.005 min
Response: 6285738
Conc: 43.91 ug/ml

Instrument :
FID_E
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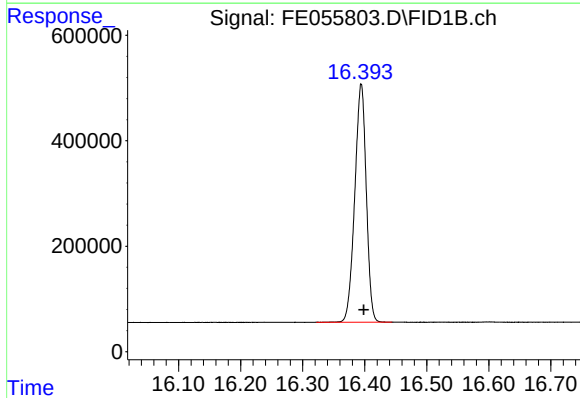
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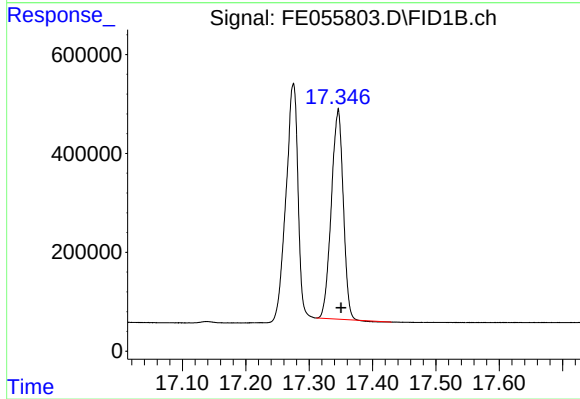
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.005 min
Response: 12341063
Conc: 85.29 ug/ml



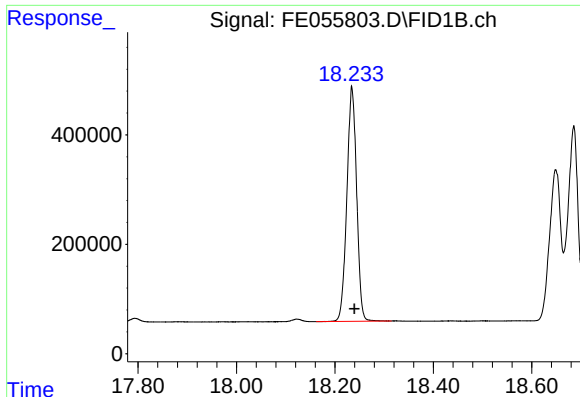
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.004 min
Response: 5810845
Conc: 40.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.346 min
Delta R.T.: -0.005 min
Response: 5539088
Conc: 38.94 ug/ml



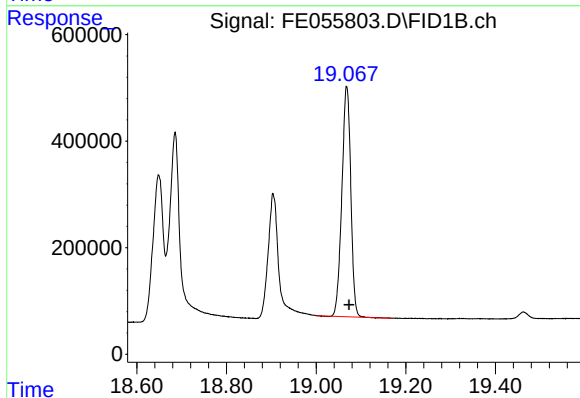
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: -0.005 min
Response: 5905717
Conc: 39.95 ug/ml

Instrument :
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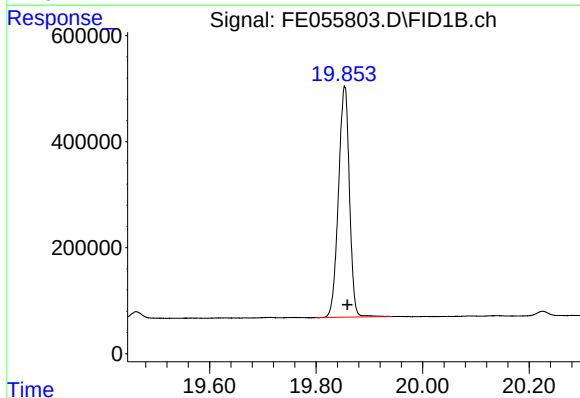
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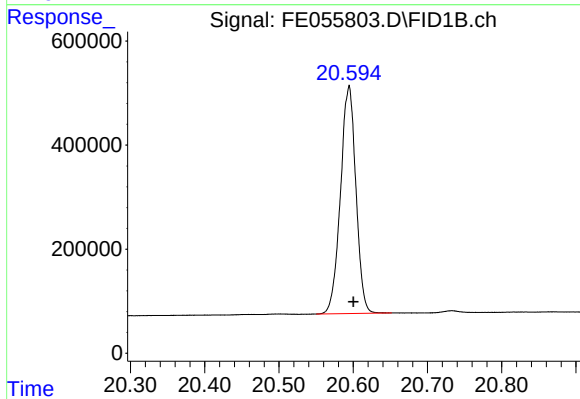
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.005 min
Response: 5973019
Conc: 40.69 ug/ml



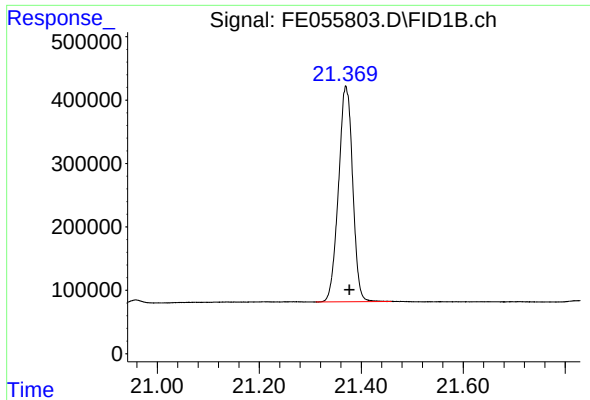
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.006 min
Response: 6239355
Conc: 44.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: -0.006 min
Response: 6313830
Conc: 47.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.008 min
Response: 6549166
Conc: 50.29 ug/ml

Instrument :

FID_E

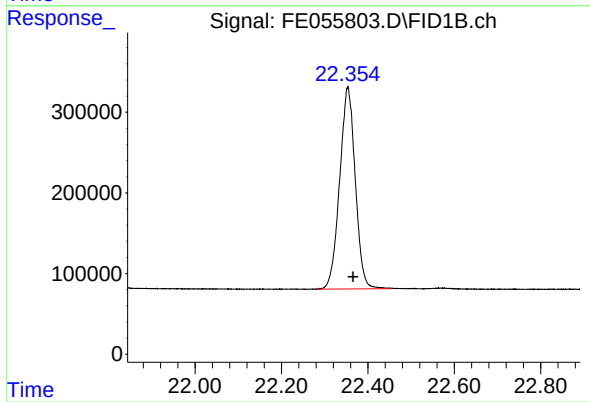
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#22 n-Tetracontane (C40)

R.T.: 22.354 min
Delta R.T.: -0.012 min
Response: 6270999
Conc: 48.90 ug/ml m