

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091625AL\
 Data File : FE055850.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2025 15:23
 Operator : YP\AJ
 Sample : PB169702BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169702BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File: sample.E
 Quant Time: Sep 17 01:29:07 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)	12.071	6836153	41.612 ug/ml
Spiked Amount 50.000		Recovery =	83.22%
12) S 1-chlorooctadecane (S...	13.507	5306751	42.439 ug/ml
Spiked Amount 50.000		Recovery =	84.88%
Target Compounds			
1) T n-Nonane (C9)	3.418	5544307	43.690 ug/ml
2) T n-Decane (C10)	4.671	5789587	45.197 ug/ml
3) T A~Naphthalene (C11.7)	6.387	6737940	46.376 ug/ml
4) T n-Dodecane (C12)	6.843	6063774	46.568 ug/ml
5) T A~2-methylnaphthalene...	7.487	6329958	45.005 ug/ml
6) T n-Tetradecane (C14)	8.681	6252241	47.476 ug/ml
7) T n-Hexadecane (C16)	10.295	6617236	47.779 ug/ml
8) T n-Octadecane (C18)	11.745	6783489	46.507 ug/ml
10) T n-Eicosane (C20)	13.060	6997432	48.611 ug/ml
11) T n-Heneicosane (C21)	13.674	6628968	46.407 ug/ml
13) T n-Docosane (C22)	14.262	6445089	45.025 ug/ml
14) T n-Tetracosane (C24)	15.368	12352351	85.366 ug/ml
15) T n-Hexacosane (C26)	16.394	5794068	40.557 ug/ml
16) T n-Octacosane (C28)	17.345	5823543	40.942 ug/mlm
17) T n-Tricontane (C30)	18.235	5745169	38.866 ug/ml
18) T n-Dotriacontane (C32)	19.067	5759736	39.242 ug/ml
19) T n-Tetratriacontane (C34)	19.854	6062789	42.912 ug/ml
20) T n-Hexatriacontane (C36)	20.595	6112530	46.322 ug/ml
21) T n-Octatriacontane (C38)	21.371	6317776	48.509 ug/mlm
22) T n-Tetracontane (C40)	22.357	6060611	47.260 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB169702BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

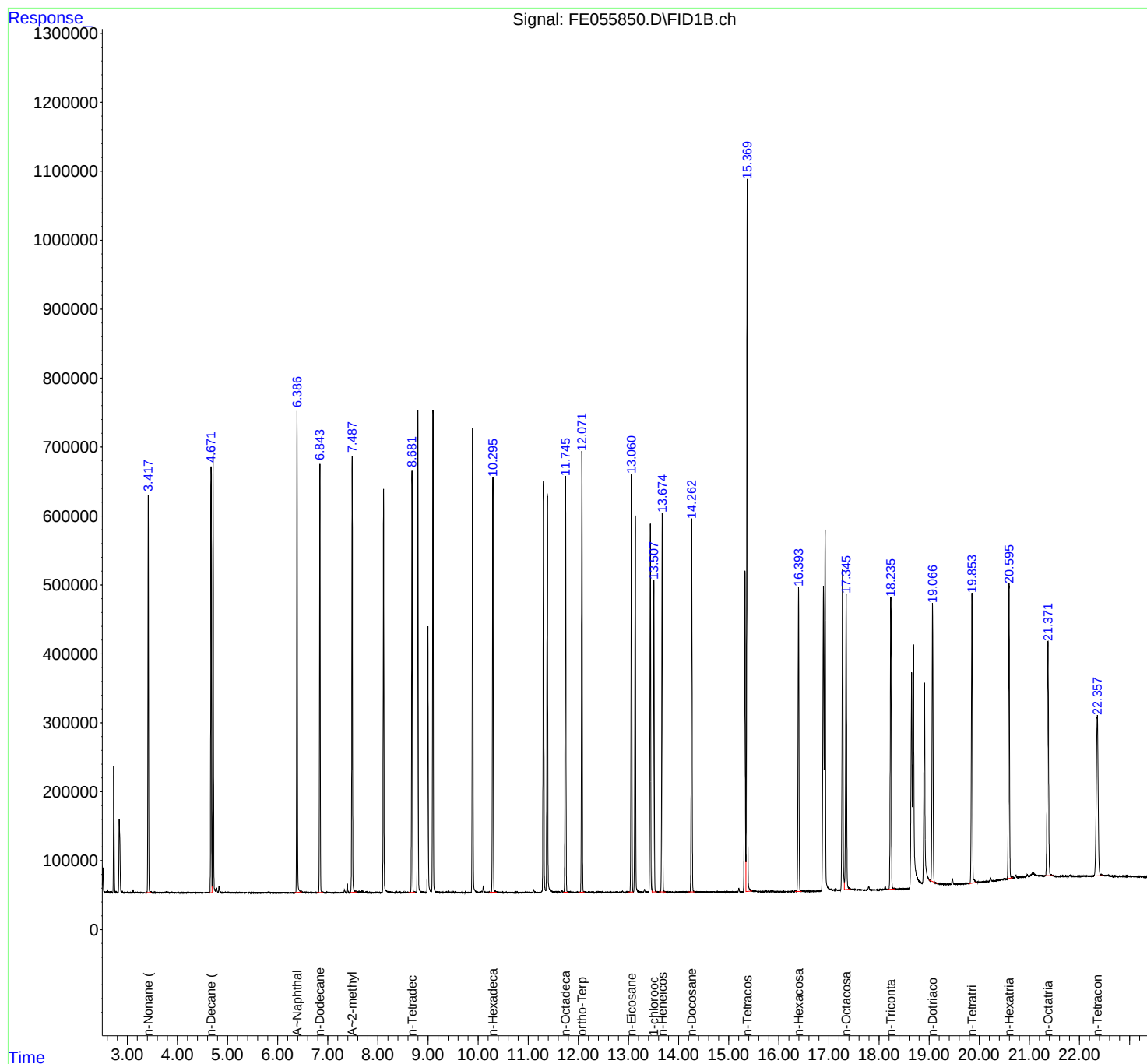
Instrument :
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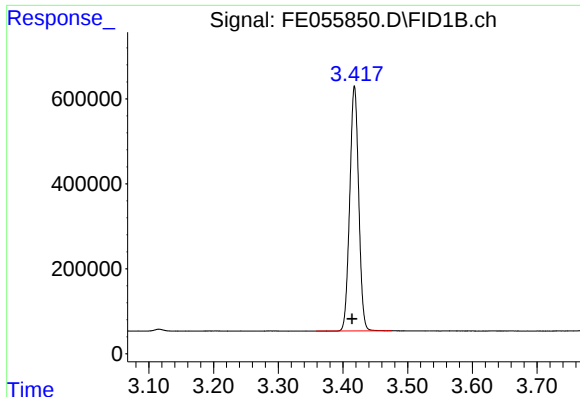
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#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: 0.004 min
Response: 5544307
Conc: 43.69 ug/ml

Instrument :

FID_E

ClientSampleId :

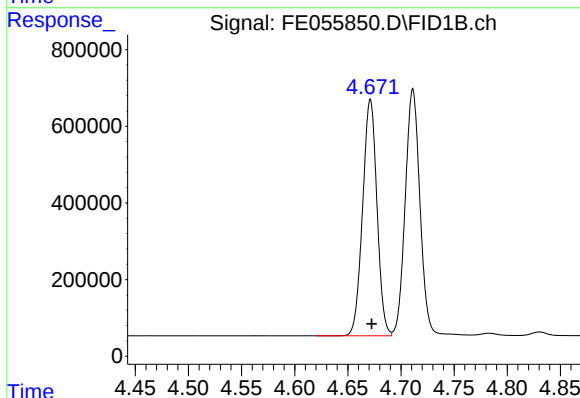
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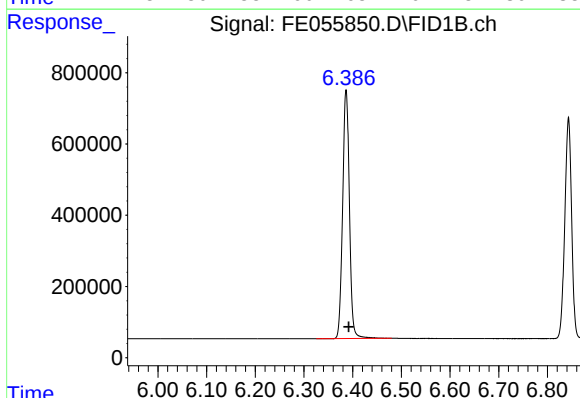
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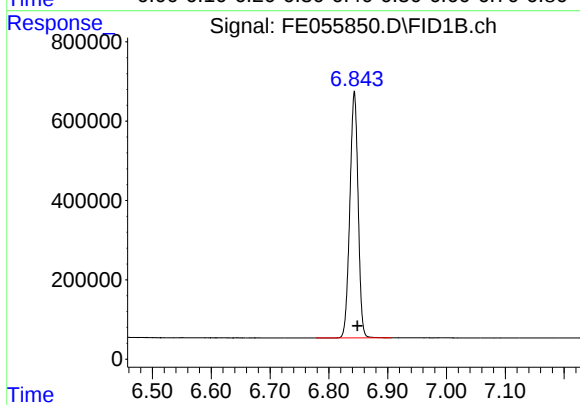
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.001 min
Response: 5789587
Conc: 45.20 ug/ml



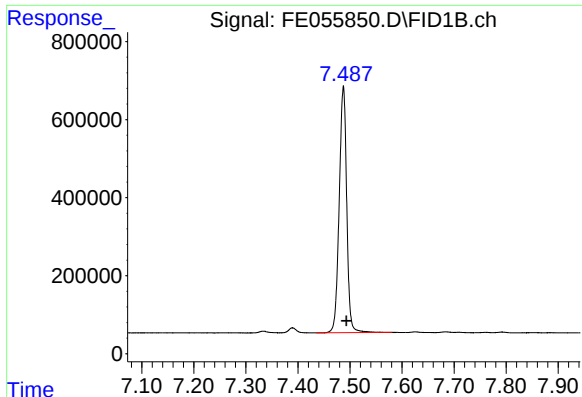
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 6737940
Conc: 46.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 6063774
Conc: 46.57 ug/ml



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

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 6329958
Conc: 45.00 ug/ml

Instrument :

FID_E

ClientSampleId :

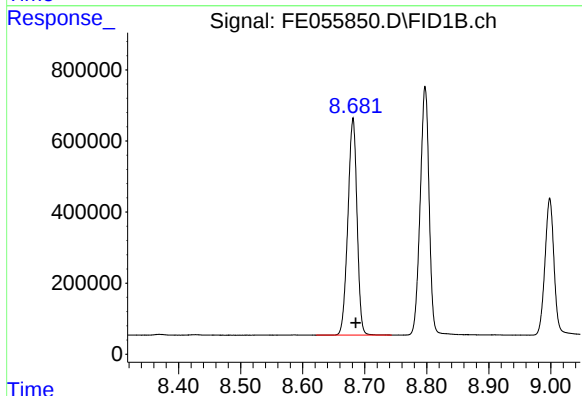
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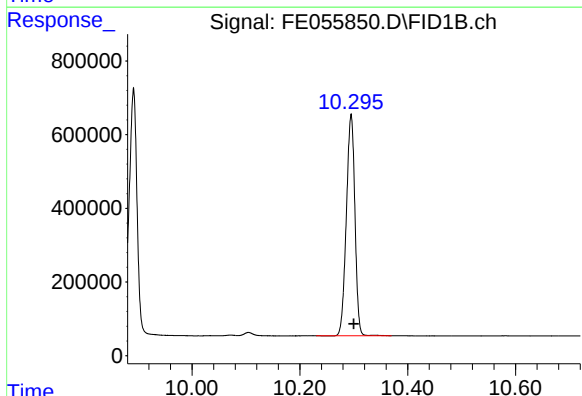
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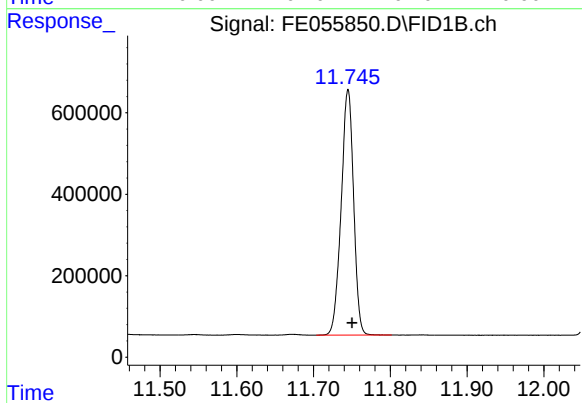
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: -0.004 min
Response: 6252241
Conc: 47.48 ug/ml



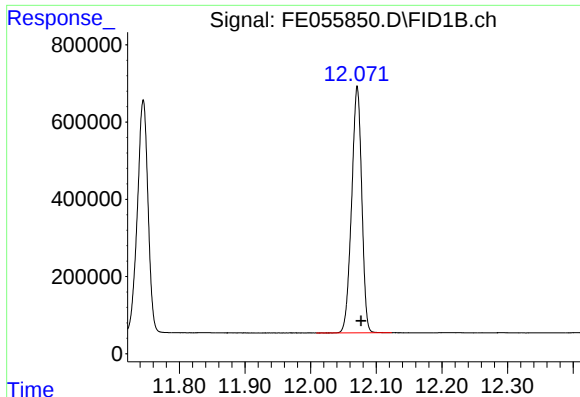
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.005 min
Response: 6617236
Conc: 47.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.005 min
Response: 6783489
Conc: 46.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: -0.006 min
Response: 6836153
Conc: 41.61 ug/ml

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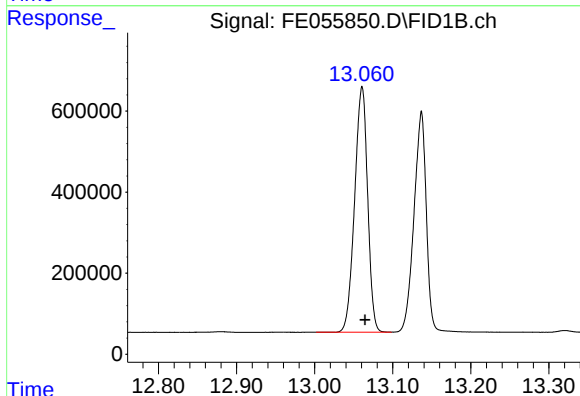
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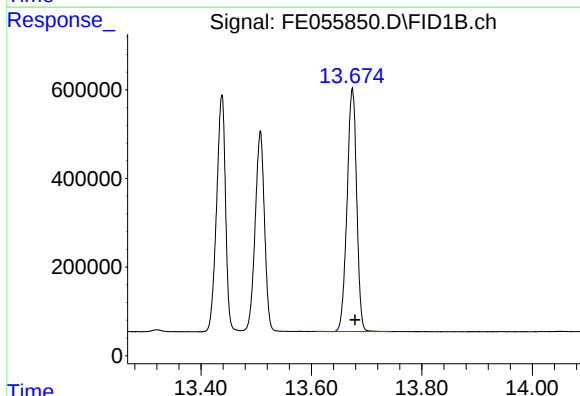
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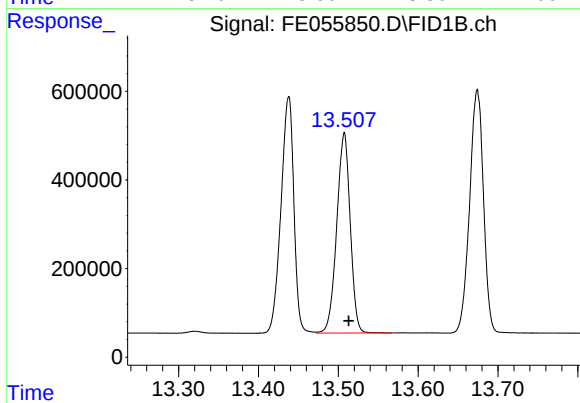
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.004 min
Response: 6997432
Conc: 48.61 ug/ml



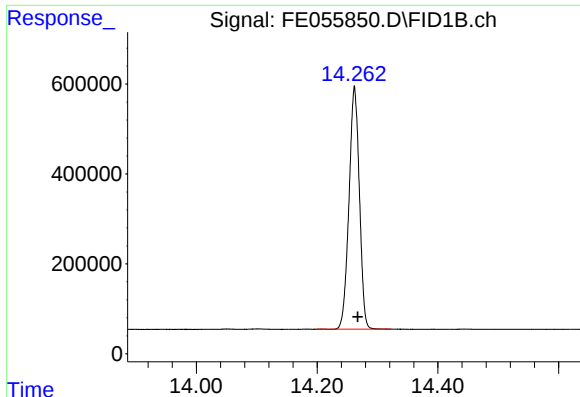
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: -0.005 min
Response: 6628968
Conc: 46.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 5306751
Conc: 42.44 ug/ml



#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: -0.005 min
Response: 6445089
Conc: 45.03 ug/ml

Instrument :

FID_E

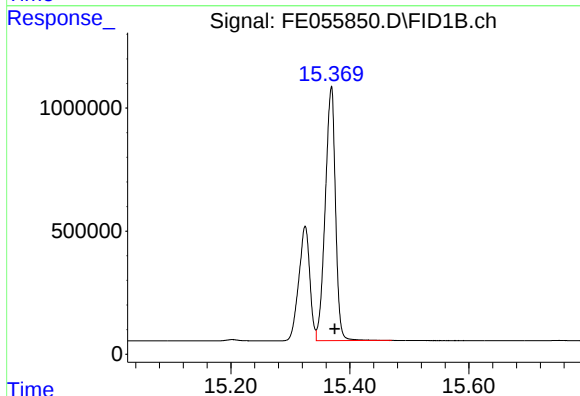
ClientSampleId :

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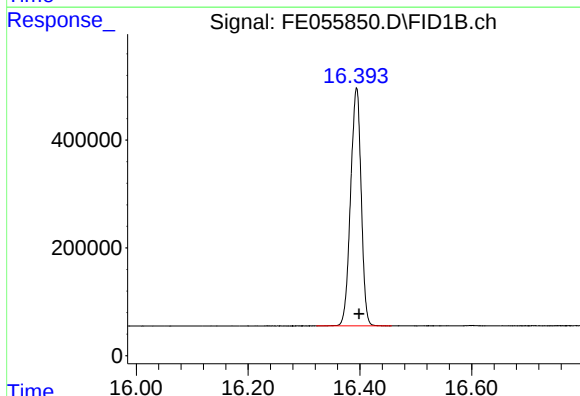
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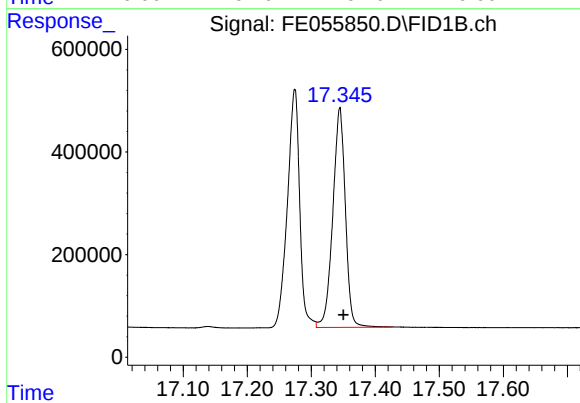
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.006 min
Response: 12352351
Conc: 85.37 ug/ml



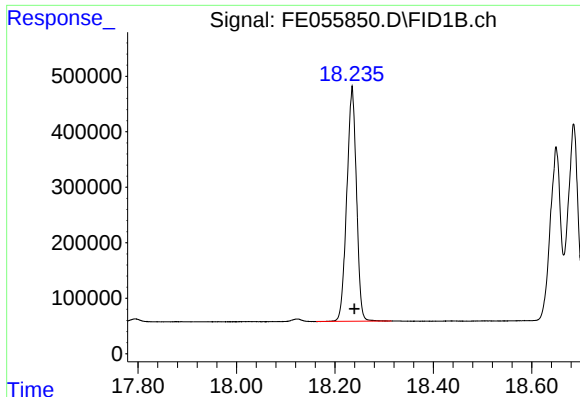
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.005 min
Response: 5794068
Conc: 40.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 5823543
Conc: 40.94 ug/ml m



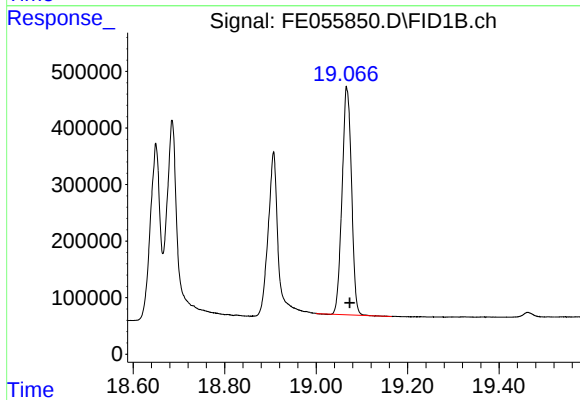
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: -0.005 min
Response: 5745169
Conc: 38.87 ug/ml

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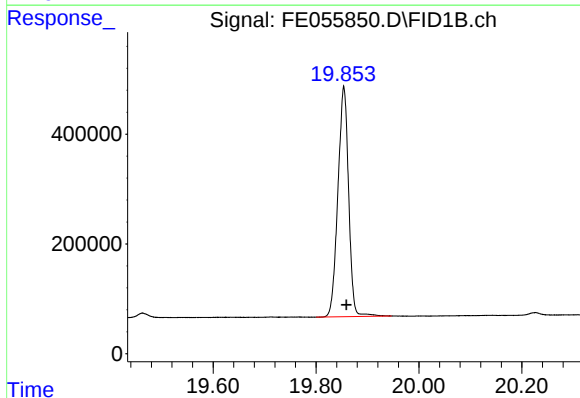
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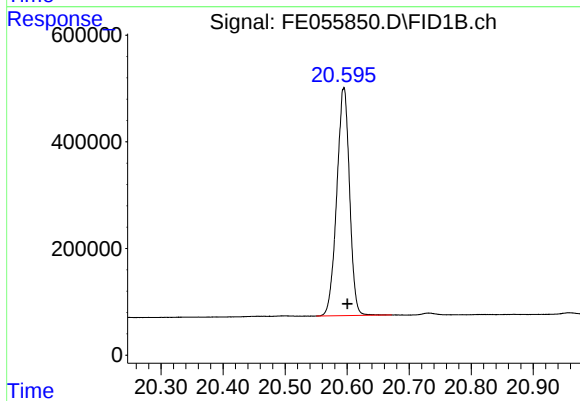
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: -0.006 min
Response: 5759736
Conc: 39.24 ug/ml



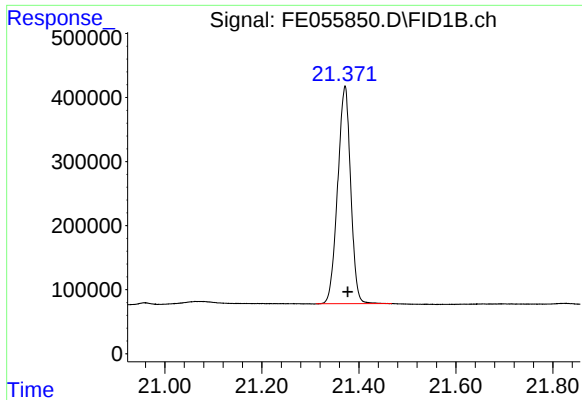
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.005 min
Response: 6062789
Conc: 42.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: -0.006 min
Response: 6112530
Conc: 46.32 ug/ml



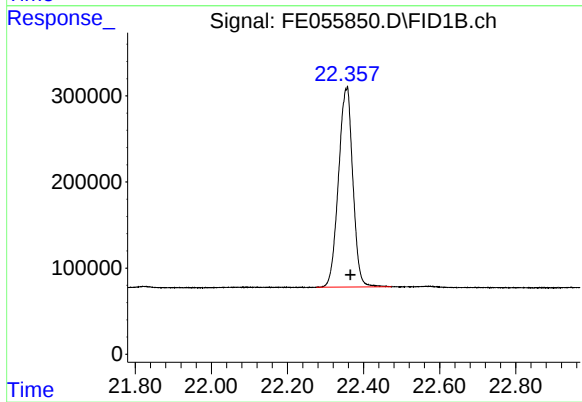
#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.006 min
Response: 6317776
Conc: 48.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: -0.008 min
Response: 6060611
Conc: 47.26 ug/ml m