

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091625AL\
 Data File : FE055849.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2025 14:52
 Operator : YP\AJ
 Sample : PB169702BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169702BS

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 01:28:38 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	6967860	42.413 ug/ml
Spiked Amount 50.000		Recovery =	84.83%
12) S 1-chlorooctadecane (S...	13.508	5409529	43.261 ug/ml
Spiked Amount 50.000		Recovery =	86.52%
Target Compounds			
1) T n-Nonane (C9)	3.417	5537114	43.633 ug/ml
2) T n-Decane (C10)	4.671	5770169	45.045 ug/ml
3) T A~Naphthalene (C11.7)	6.386	6725179	46.288 ug/ml
4) T n-Dodecane (C12)	6.844	6028749	46.299 ug/ml
5) T A~2-methylnaphthalene...	7.487	6328968	44.998 ug/ml
6) T n-Tetradecane (C14)	8.682	6235982	47.352 ug/ml
7) T n-Hexadecane (C16)	10.295	6621231	47.808 ug/ml
8) T n-Octadecane (C18)	11.746	6832303	46.841 ug/ml
10) T n-Eicosane (C20)	13.061	7067329	49.097 ug/ml
11) T n-Heneicosane (C21)	13.674	6697462	46.886 ug/ml
13) T n-Docosane (C22)	14.263	6508343	45.467 ug/ml
14) T n-Tetracosane (C24)	15.369	12417169	85.814 ug/ml
15) T n-Hexacosane (C26)	16.394	5873888	41.116 ug/ml
16) T n-Octacosane (C28)	17.345	5841366	41.068 ug/mlm
17) T n-Tricontane (C30)	18.235	5845472	39.545 ug/ml
18) T n-Dotriacontane (C32)	19.070	5877977	40.047 ug/ml
19) T n-Tetratriacontane (C34)	19.853	6127767	43.372 ug/ml
20) T n-Hexatriacontane (C36)	20.596	6230943	47.219 ug/ml
21) T n-Octatriacontane (C38)	21.371	6412727	49.238 ug/mlm
22) T n-Tetracontane (C40)	22.354	6083409	47.437 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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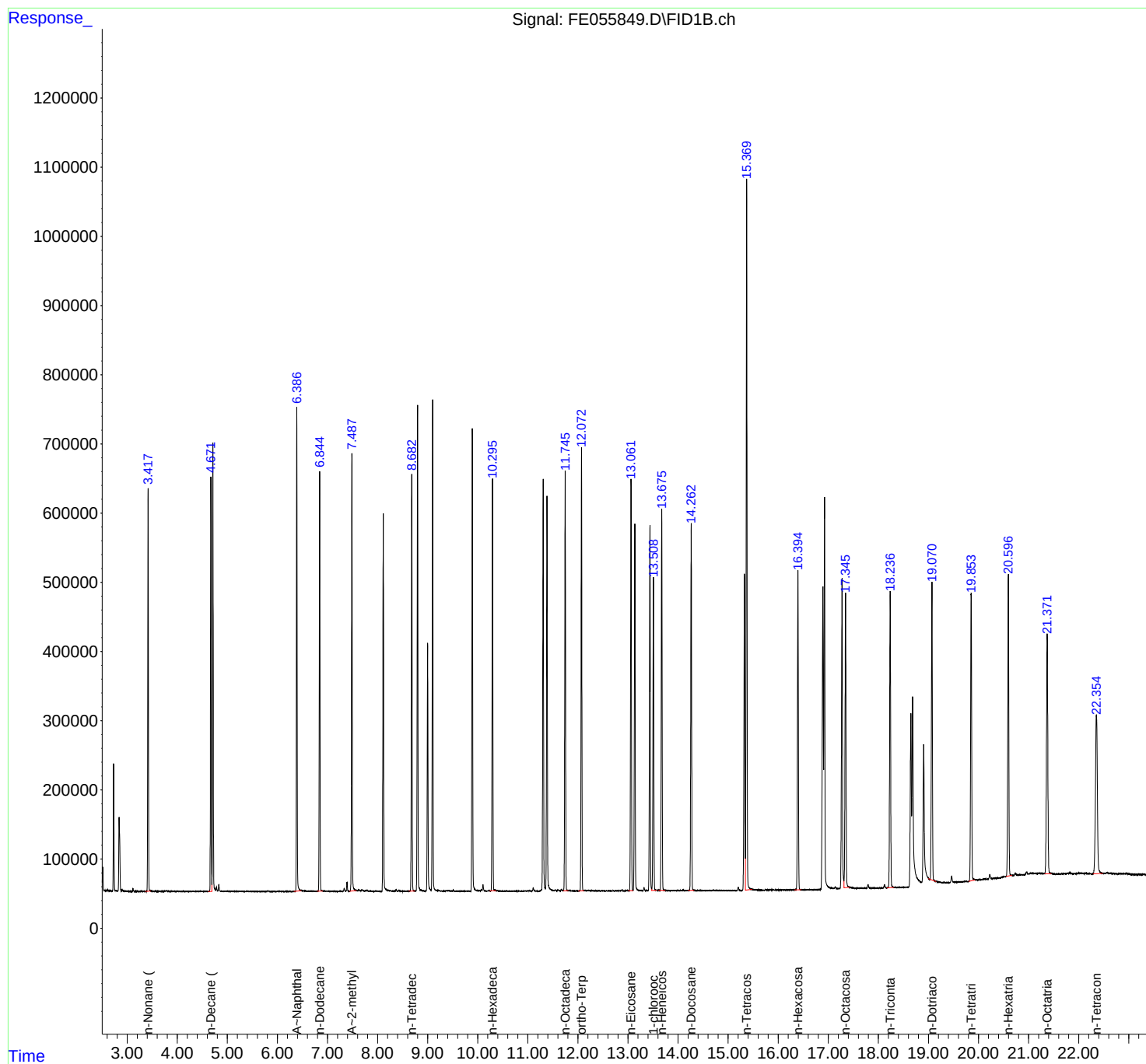
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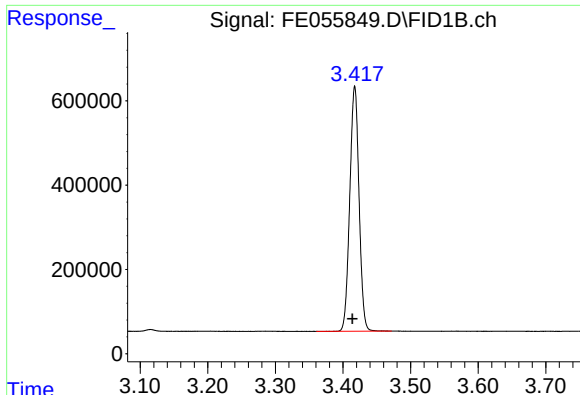
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#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: 0.003 min
Response: 5537114
Conc: 43.63 ug/ml

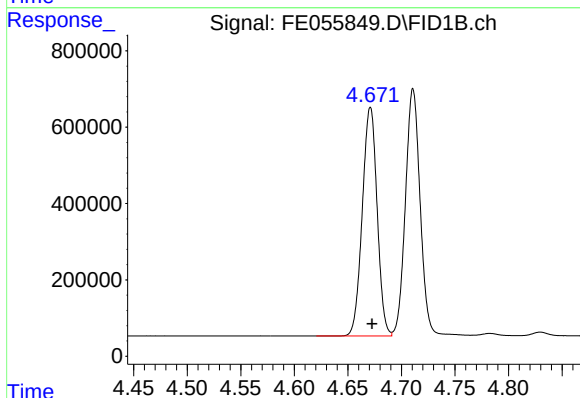
Instrument :

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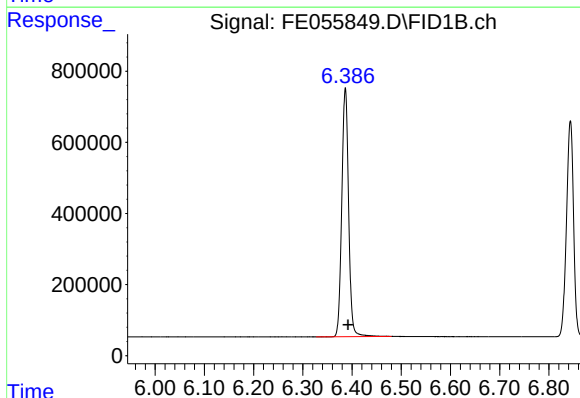
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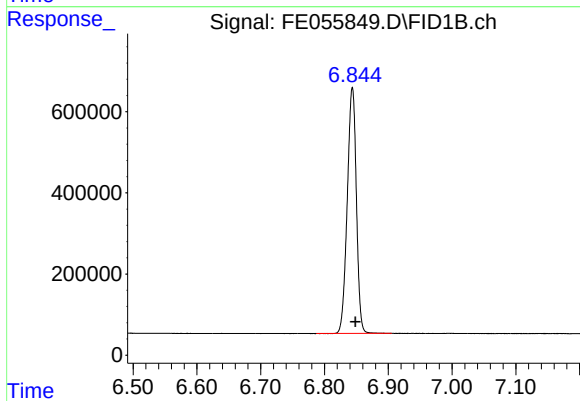
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 5770169
Conc: 45.05 ug/ml



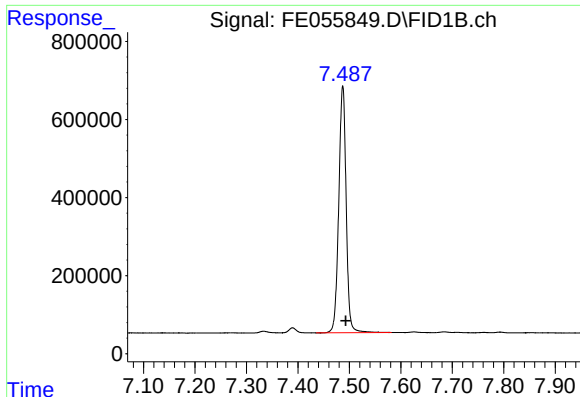
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 6725179
Conc: 46.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 6028749
Conc: 46.30 ug/ml



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

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 6328968
Conc: 45.00 ug/ml

Instrument :

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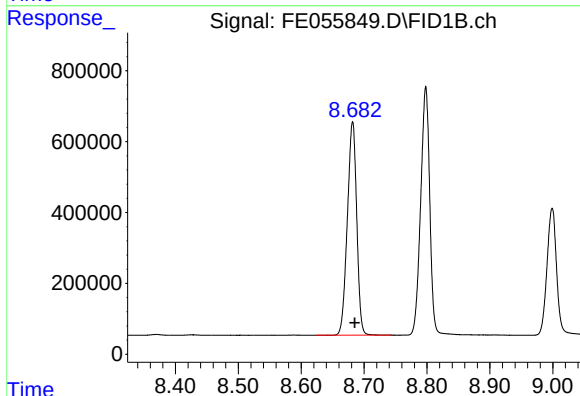
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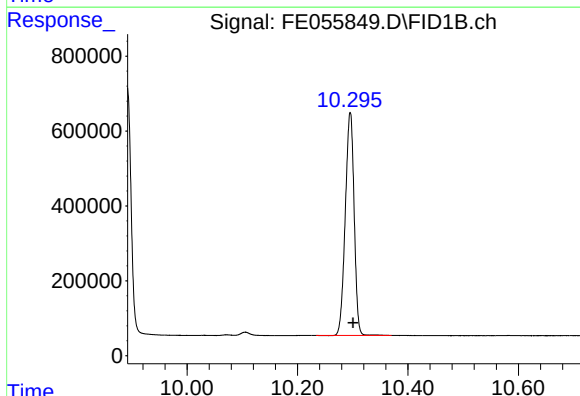
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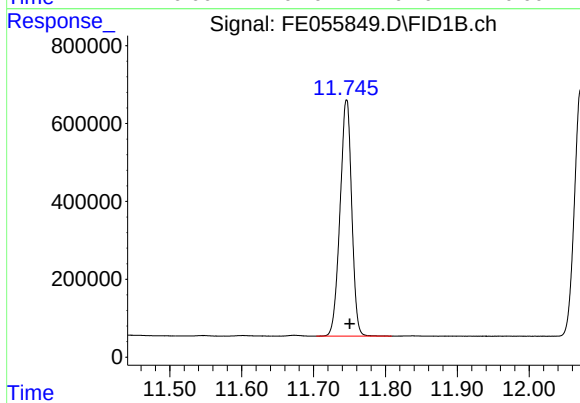
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 6235982
Conc: 47.35 ug/ml



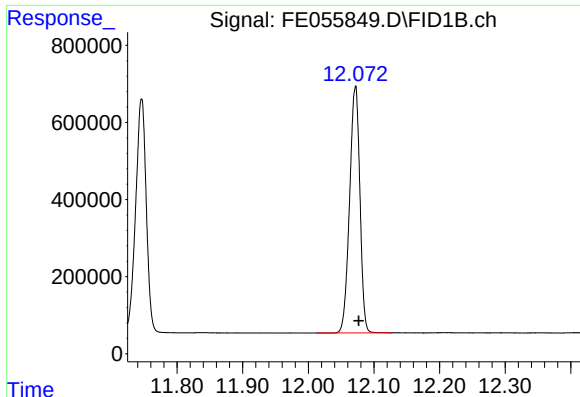
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.005 min
Response: 6621231
Conc: 47.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.004 min
Response: 6832303
Conc: 46.84 ug/ml



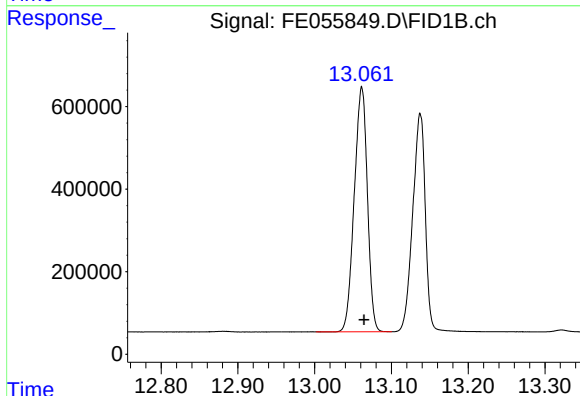
#9 ortho-Terphenyl (SURR)

R.T.: 12.072 min
Delta R.T.: -0.005 min
Response: 6967860
Conc: 42.41 ug/ml

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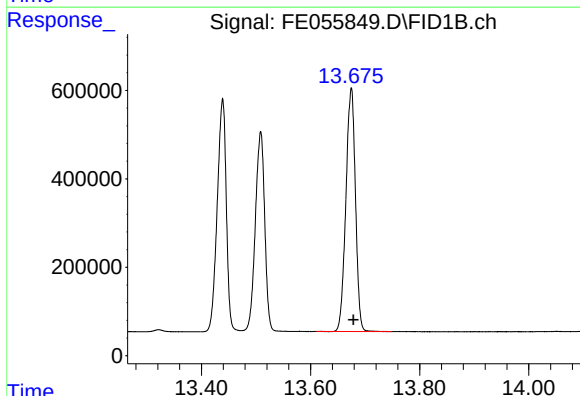
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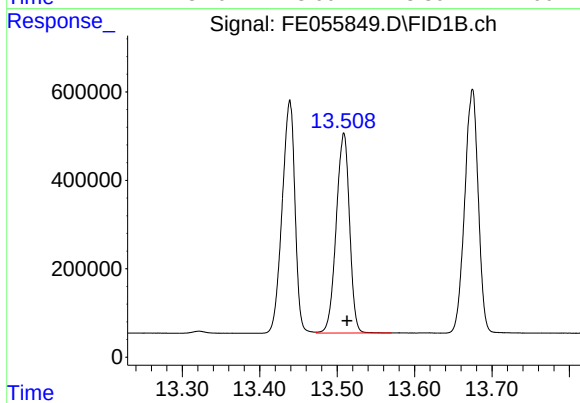
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 7067329
Conc: 49.10 ug/ml



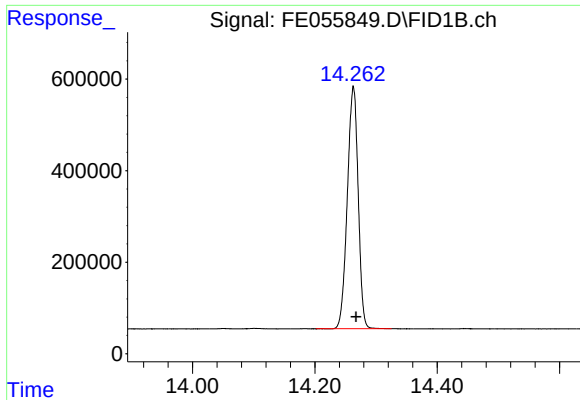
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: -0.004 min
Response: 6697462
Conc: 46.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.508 min
Delta R.T.: -0.004 min
Response: 5409529
Conc: 43.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: -0.005 min
Response: 6508343
Conc: 45.47 ug/ml

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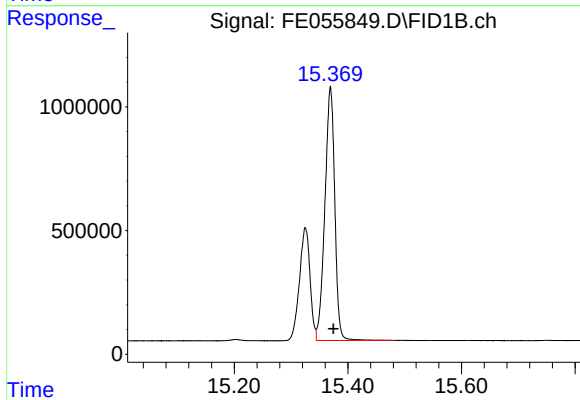
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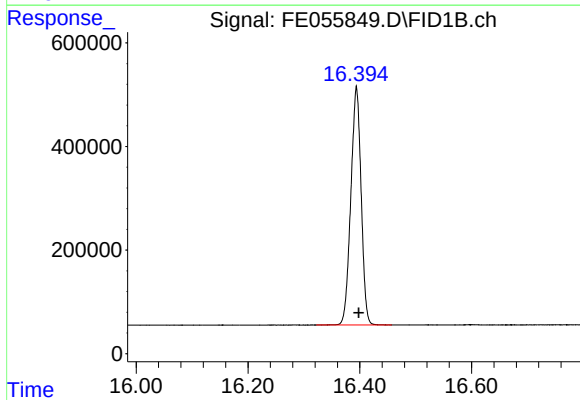
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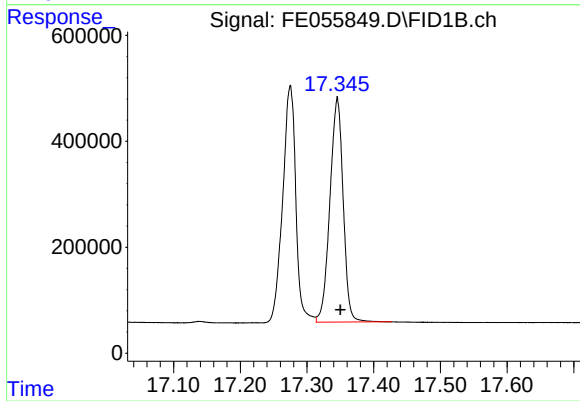
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.005 min
Response: 12417169
Conc: 85.81 ug/ml



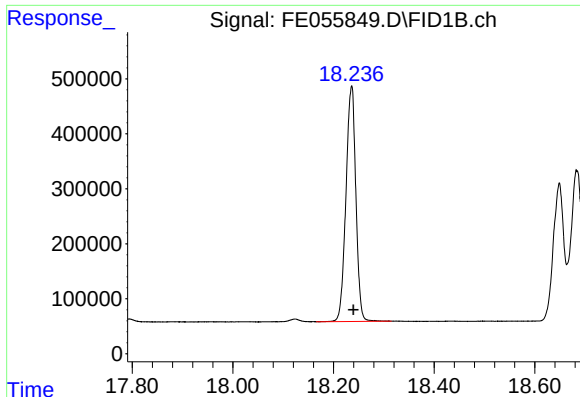
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.004 min
Response: 5873888
Conc: 41.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 5841366
Conc: 41.07 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: -0.004 min
Response: 5845472
Conc: 39.54 ug/ml

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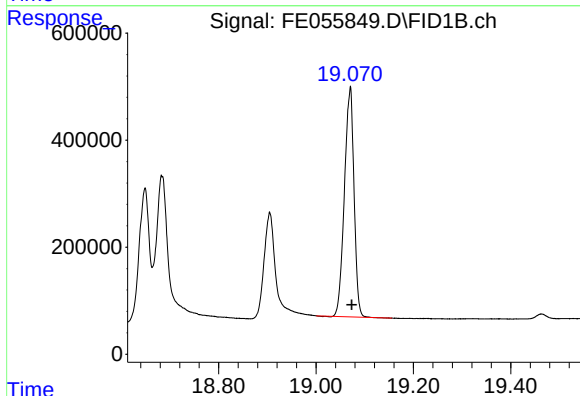
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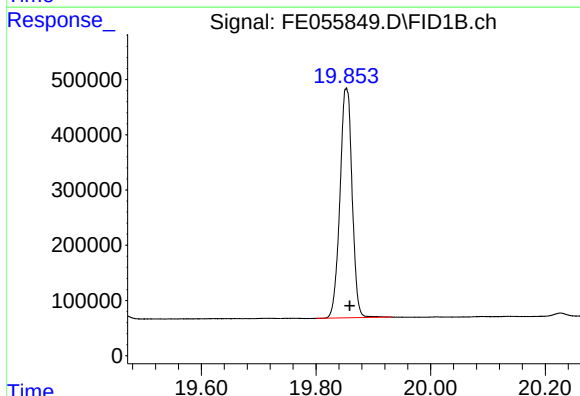
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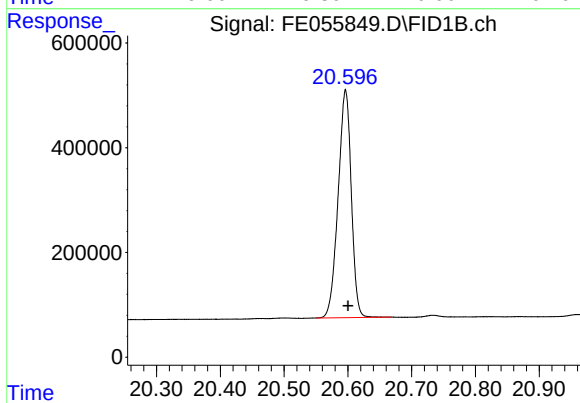
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.004 min
Response: 5877977
Conc: 40.05 ug/ml



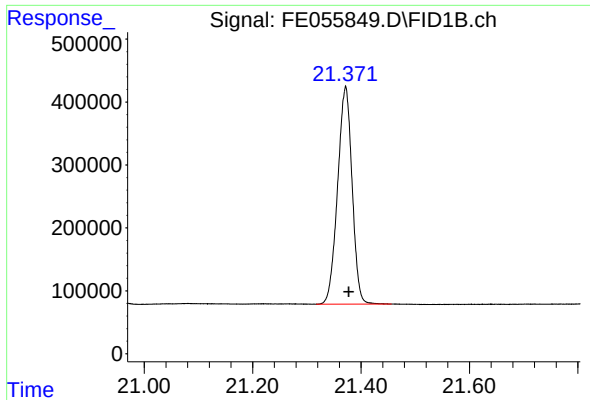
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.006 min
Response: 6127767
Conc: 43.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.596 min
Delta R.T.: -0.004 min
Response: 6230943
Conc: 47.22 ug/ml



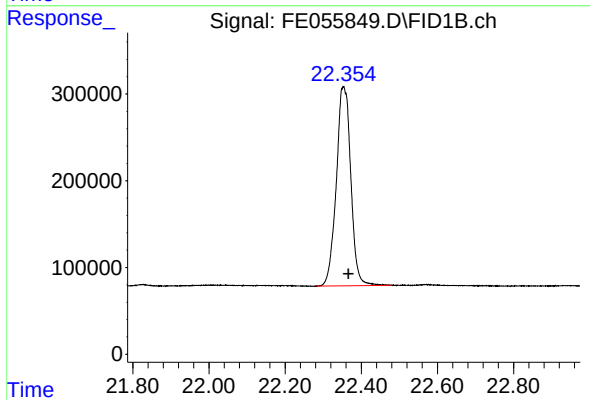
#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.006 min
Response: 6412727
Conc: 49.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.354 min
Delta R.T.: -0.012 min
Response: 6083409
Conc: 47.44 ug/ml m