

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111725AL\
 Data File : FE056886.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2025 22:42
 Operator : YP\AJ
 Sample : Q3649-06MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B4-0.0-0.5-20251114MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Integration File: sample.E
 Quant Time: Nov 18 12:19:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.954	8631142	41.315 ug/ml
Spiked Amount 50.000		Recovery =	82.63%
12) S 1-chlorooctadecane (S...	13.390	5755450	35.722 ug/ml
Spiked Amount 50.000		Recovery =	71.44%
Target Compounds			
1) T n-Nonane (C9)	3.310	3795254	22.596 ug/ml
2) T n-Decane (C10)	4.604	4919299	28.668 ug/ml
3) T A~Naphthalene (C11.7)	6.279	5445361	29.501 ug/ml
4) T n-Dodecane (C12)	6.736	5037999	28.966 ug/ml
5) T A~2-methylnaphthalene...	7.378	5333863	30.097 ug/ml
6) T n-Tetradecane (C14)	8.571	5839307	33.453 ug/ml
7) T n-Hexadecane (C16)	10.182	6281841	34.335 ug/ml
8) T n-Octadecane (C18)	11.630	6339018	33.492 ug/ml
10) T n-Eicosane (C20)	12.943	6302672	33.819 ug/ml
11) T n-Heneicosane (C21)	13.555	6190916	33.668 ug/mlm
13) T n-Docosane (C22)	14.143	6137911	32.788 ug/ml
14) T n-Tetracosane (C24)	15.251	13080493	66.784 ug/ml
15) T n-Hexacosane (C26)	16.274	5913000	30.426 ug/ml
16) T n-Octacosane (C28)	17.225	5857046	30.244 ug/ml
17) T n-Tricontane (C30)	18.116	5631480	28.088 ug/ml
18) T n-Dotriacontane (C32)	18.948	5585683	28.404 ug/ml
19) T n-Tetratriacontane (C34)	19.734	5399260	31.280 ug/ml
20) T n-Hexatriacontane (C36)	20.476	5510922	38.097 ug/ml
21) T n-Octatriacontane (C38)	21.226	5343084	42.452 ug/ml
22) T n-Tetracontane (C40)	22.161	5465805	47.276 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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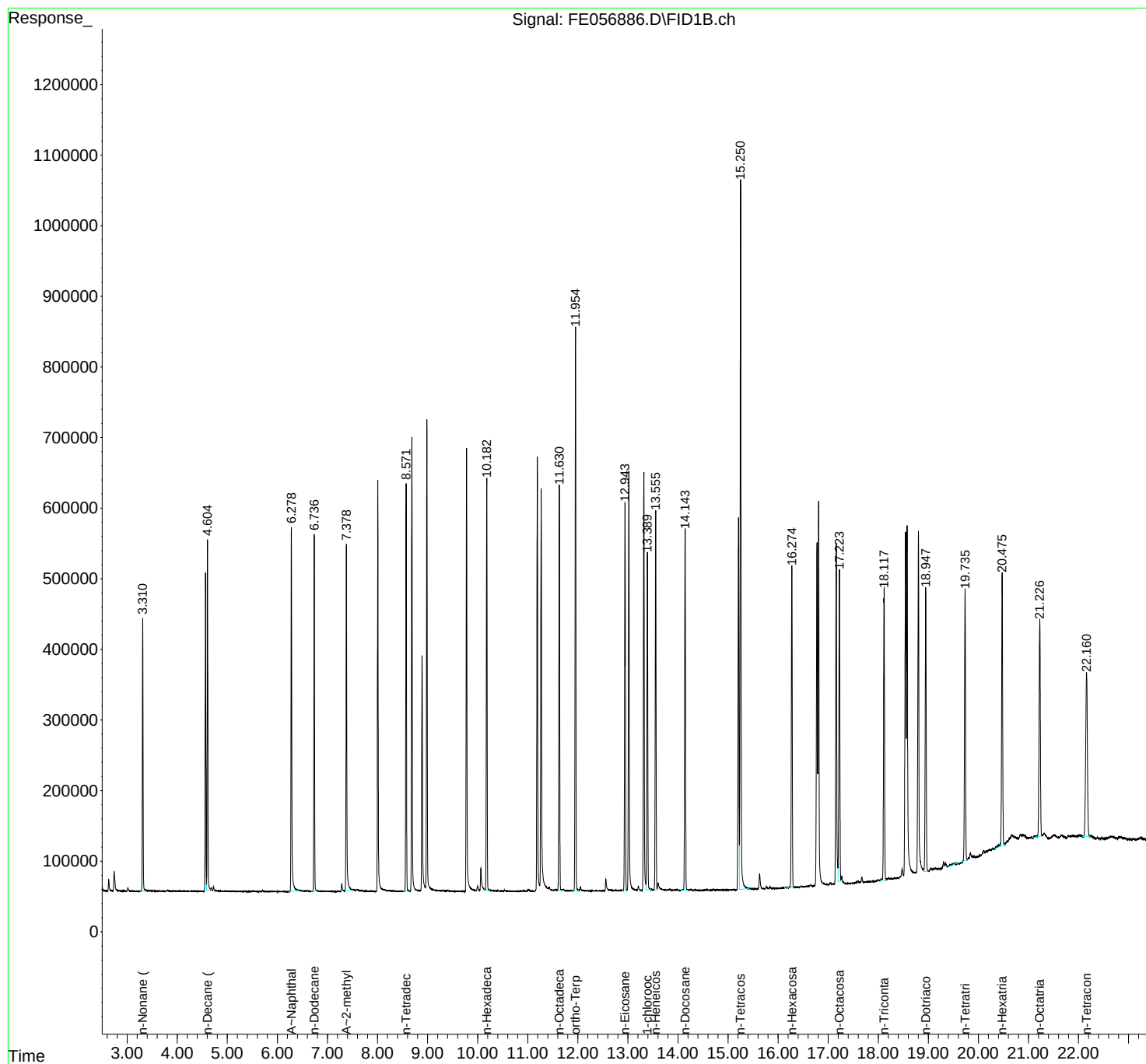
Instrument :
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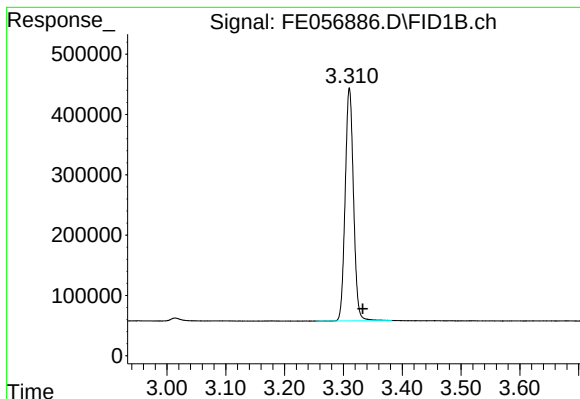
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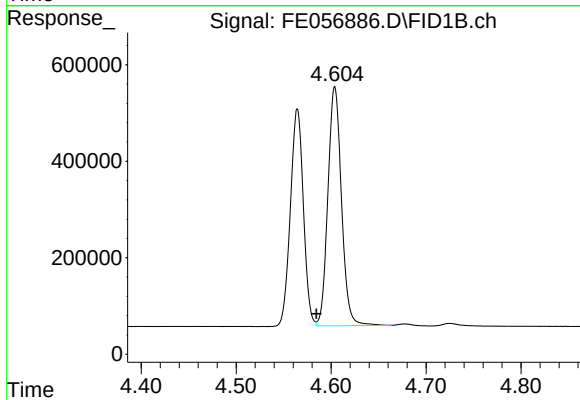
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.023 min
Response: 3795254
Conc: 22.60 ug/ml

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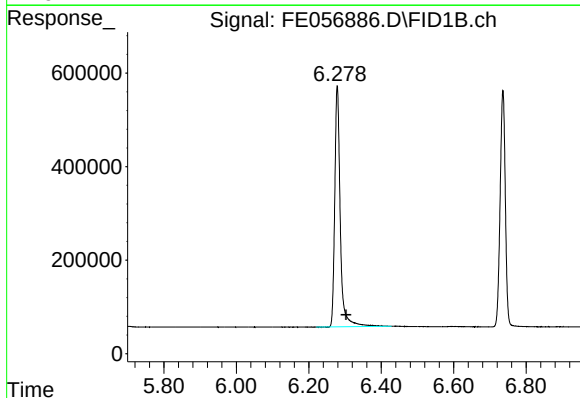
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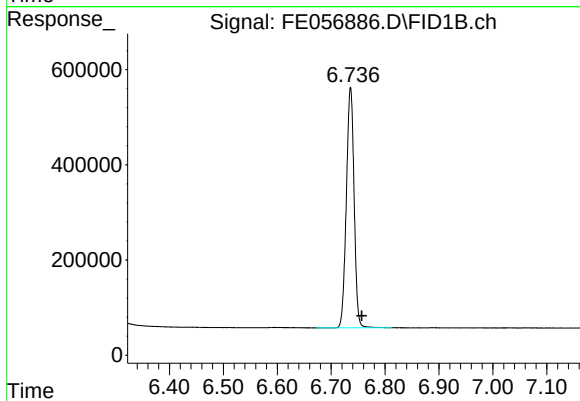
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: 0.019 min
Response: 4919299
Conc: 28.67 ug/ml



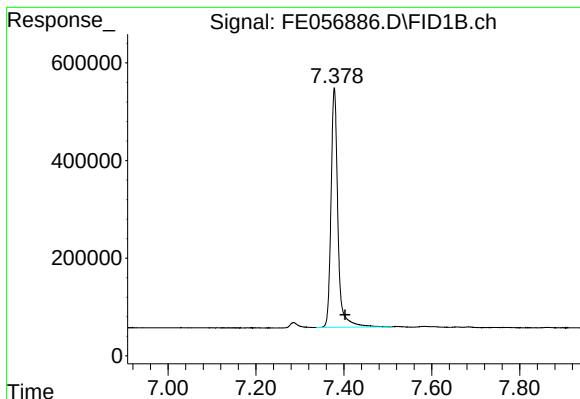
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.025 min
Response: 5445361
Conc: 29.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.021 min
Response: 5037999
Conc: 28.97 ug/ml



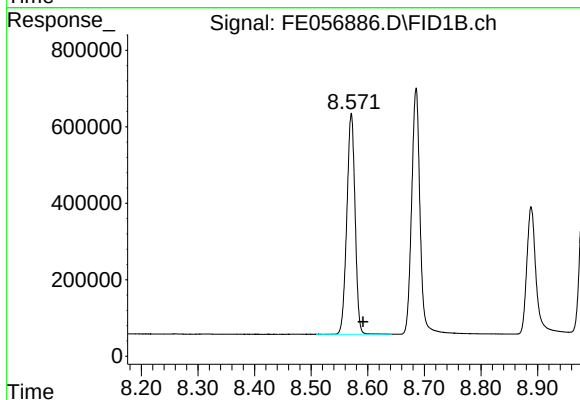
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 5333863
Conc: 30.10 ug/ml

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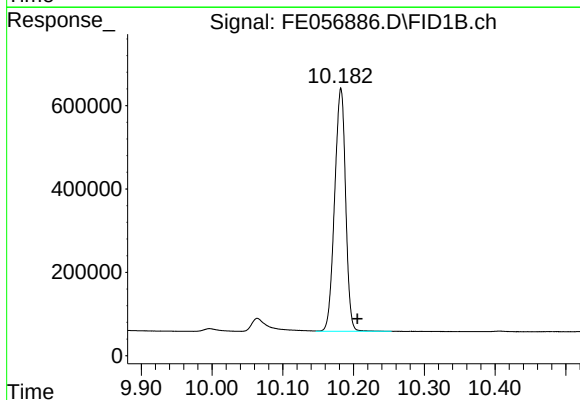
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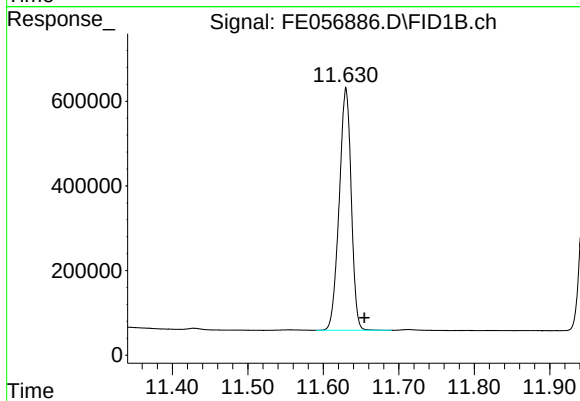
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.021 min
Response: 5839307
Conc: 33.45 ug/ml



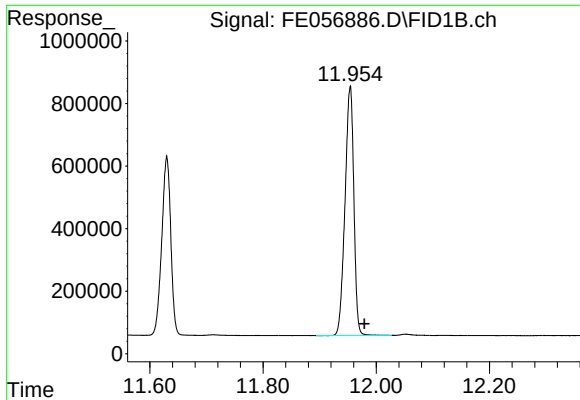
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.024 min
Response: 6281841
Conc: 34.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.025 min
Response: 6339018
Conc: 33.49 ug/ml



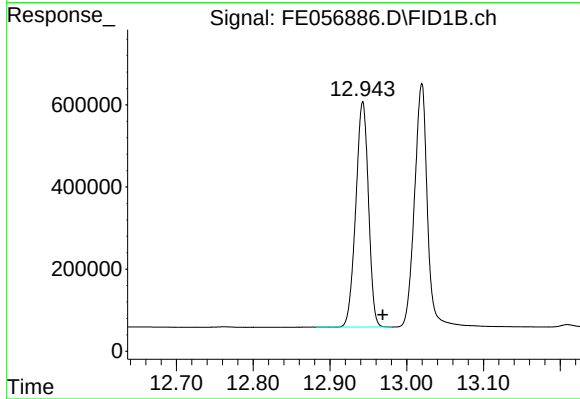
#9 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: -0.025 min
Response: 8631142
Conc: 41.31 ug/ml

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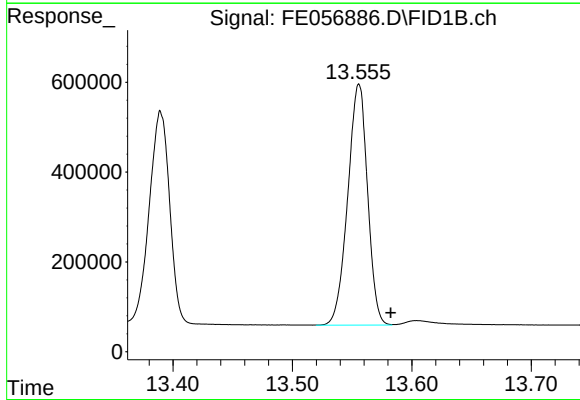
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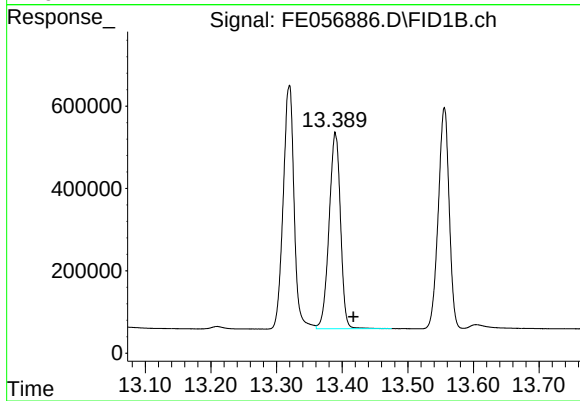
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.026 min
Response: 6302672
Conc: 33.82 ug/ml



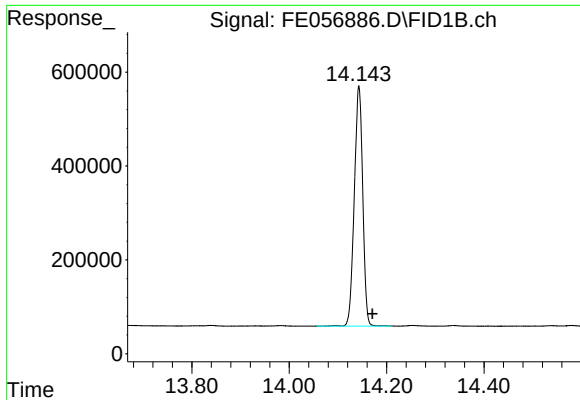
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.027 min
Response: 6190916
Conc: 33.67 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: -0.028 min
Response: 5755450
Conc: 35.72 ug/ml



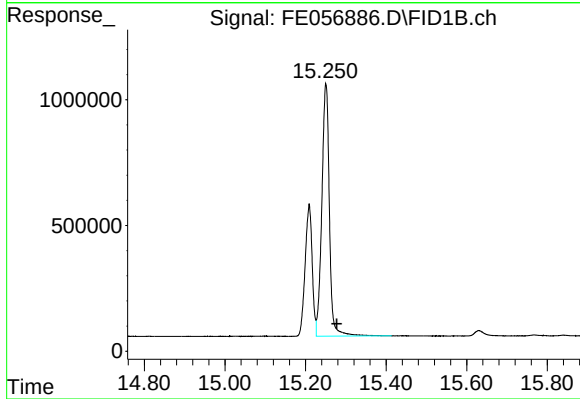
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: -0.028 min
Response: 6137911
Conc: 32.79 ug/ml

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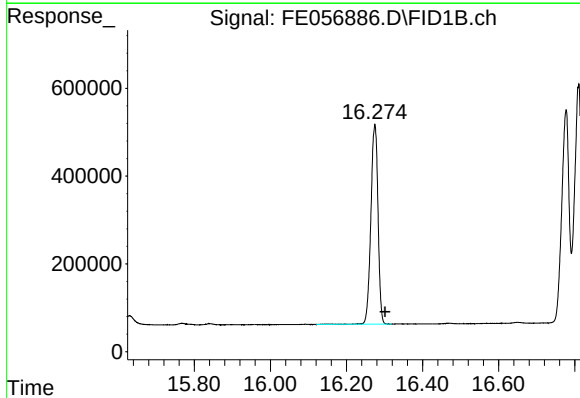
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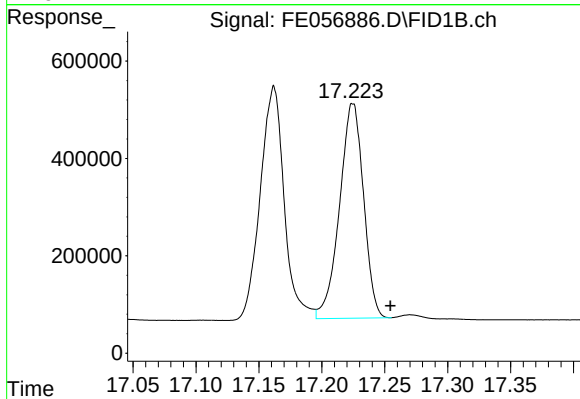
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.027 min
Response: 13080493
Conc: 66.78 ug/ml



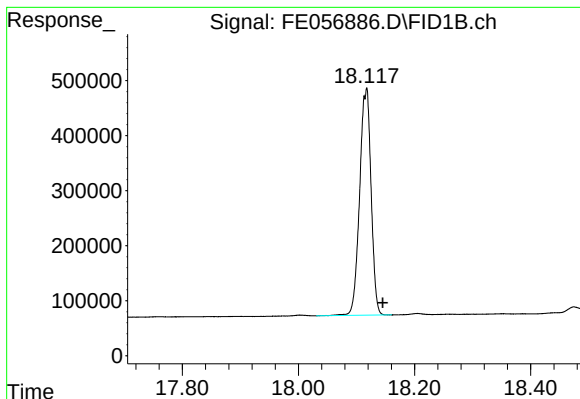
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.028 min
Response: 5913000
Conc: 30.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.030 min
Response: 5857046
Conc: 30.24 ug/ml



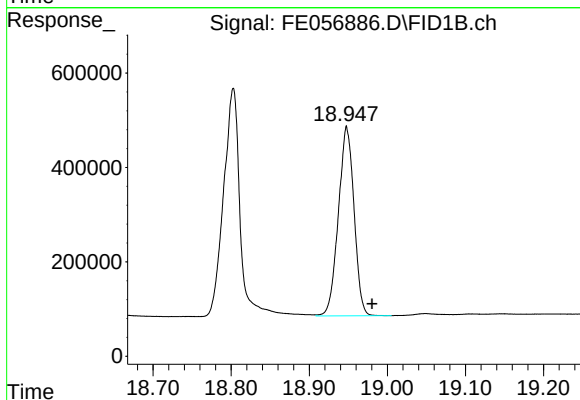
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 5631480
Conc: 28.09 ug/ml

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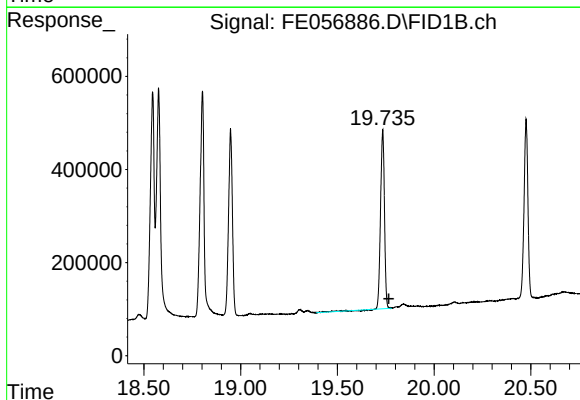
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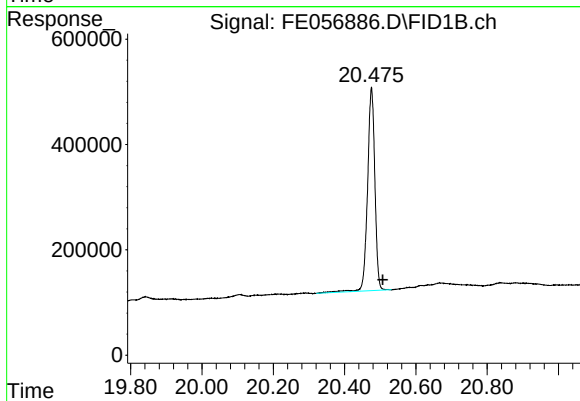
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.032 min
Response: 5585683
Conc: 28.40 ug/ml



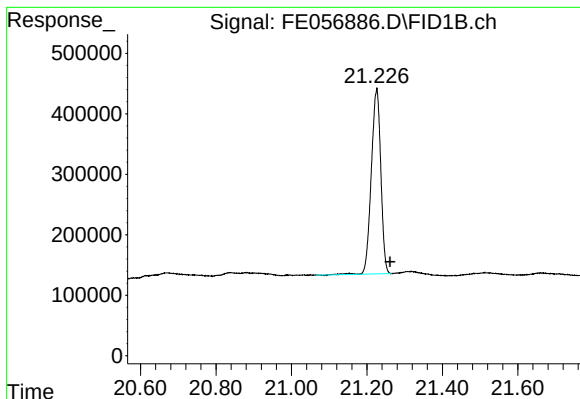
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.031 min
Response: 5399260
Conc: 31.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: -0.031 min
Response: 5510922
Conc: 38.10 ug/ml



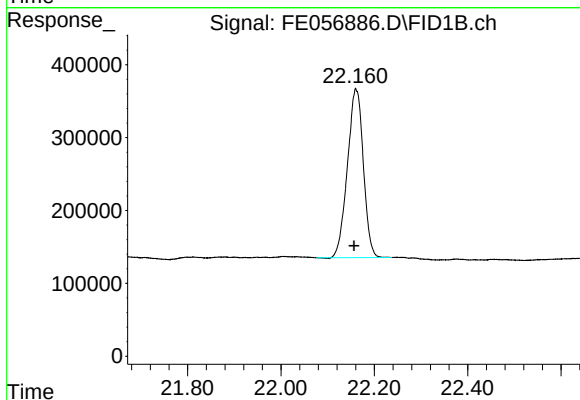
#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.036 min
Response: 5343084
Conc: 42.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: 0.004 min
Response: 5465805
Conc: 47.28 ug/ml