

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110525AL\
 Data File : FE056675.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2025 16:37
 Operator : YP\AJ
 Sample : Q3532-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Yogesh Patel 11/06/2025

Integration File: autoint1.e
 Quant Time: Nov 06 02:08:03 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)	11.972	6048852	28.954 ug/ml
Spiked Amount 50.000		Recovery =	57.91%
12) S 1-chlorooctadecane (S...	13.411	4932141	30.612 ug/ml
Spiked Amount 50.000		Recovery =	61.22%
Target Compounds			
1) T n-Nonane (C9)	3.323	3717734	22.134 ug/ml
2) T n-Decane (C10)	4.577	4168356	24.292 ug/mlm
3) T A~Naphthalene (C11.7)	6.292	5208222	28.216 ug/ml
4) T n-Dodecane (C12)	6.750	4750710	27.314 ug/ml
5) T A~2-methylnaphthalene...	7.393	5018899	28.320 ug/ml
6) T n-Tetradecane (C14)	8.587	5362014	30.719 ug/ml
7) T n-Hexadecane (C16)	10.200	5813339	31.774 ug/ml
8) T n-Octadecane (C18)	11.649	5932208	31.342 ug/ml
10) T n-Eicosane (C20)	12.964	5909733	31.711 ug/ml
11) T n-Heneicosane (C21)	13.578	5782985	31.450 ug/ml
13) T n-Docosane (C22)	14.167	5730209	30.610 ug/ml
14) T n-Tetracosane (C24)	15.274	12026448	61.402 ug/ml
15) T n-Hexacosane (C26)	16.300	5430198	27.942 ug/ml
16) T n-Octacosane (C28)	17.252	5436586	28.073 ug/mlm
17) T n-Tricontane (C30)	18.144	5103051	25.452 ug/ml
18) T n-Dotriacontane (C32)	18.977	4988340	25.367 ug/ml
19) T n-Tetratriacontane (C34)	19.762	4900784	28.392 ug/ml
20) T n-Hexatriacontane (C36)	20.505	4821873	33.333 ug/ml
21) T n-Octatriacontane (C38)	21.261	4942137	39.266 ug/ml
22) T n-Tetracontane (C40)	22.206	5128113	44.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

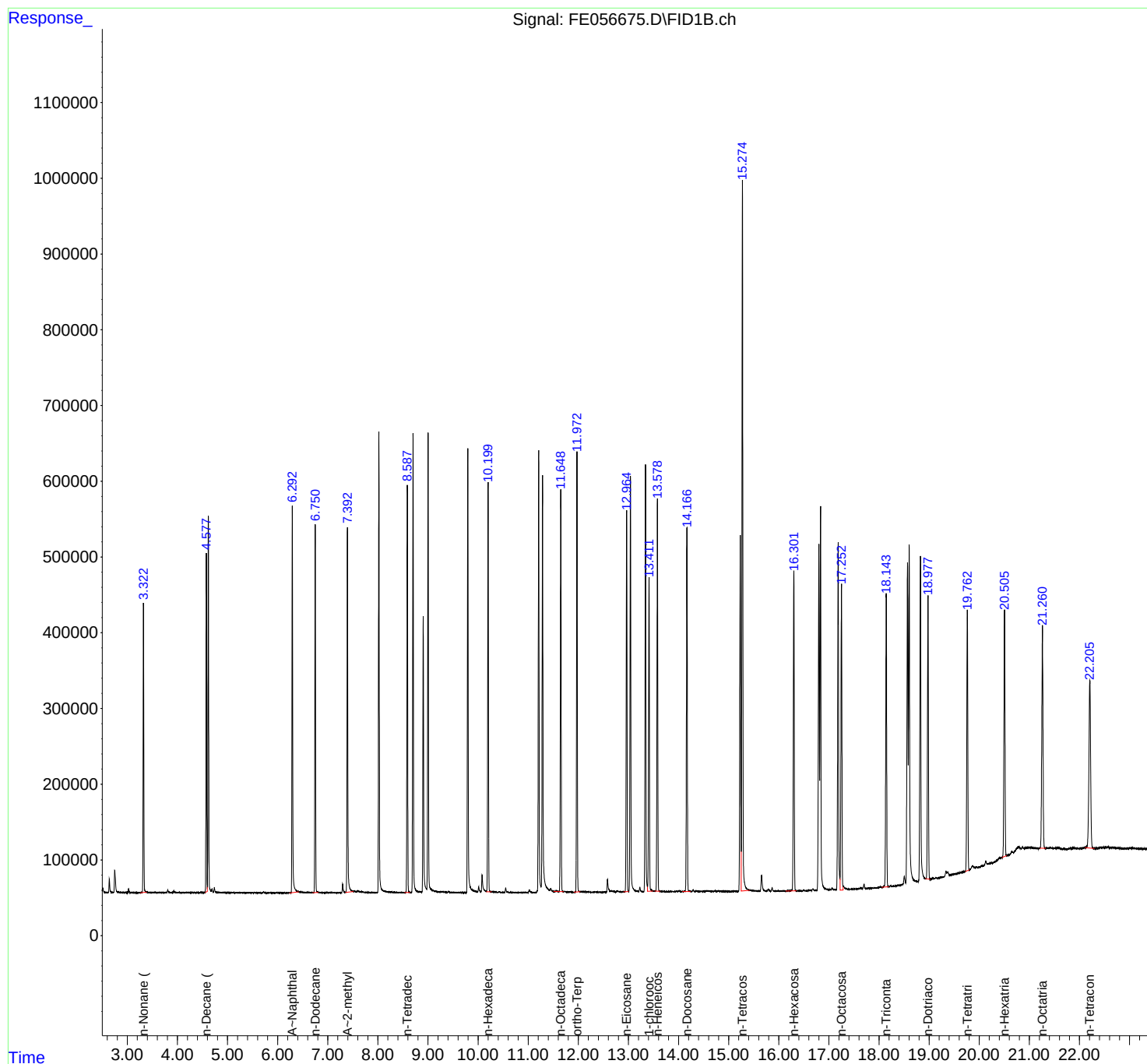
Instrument :
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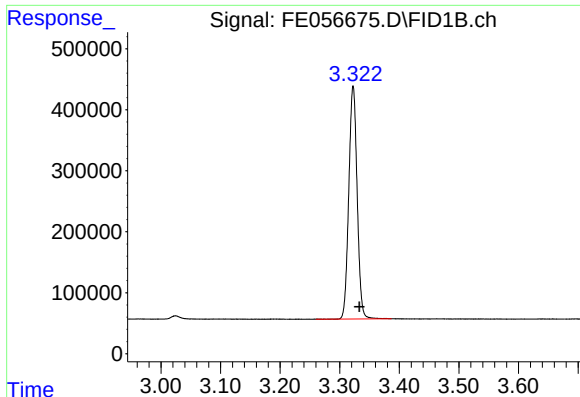
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#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.010 min
Response: 3717734
Conc: 22.13 ug/ml

Instrument :

FID_E

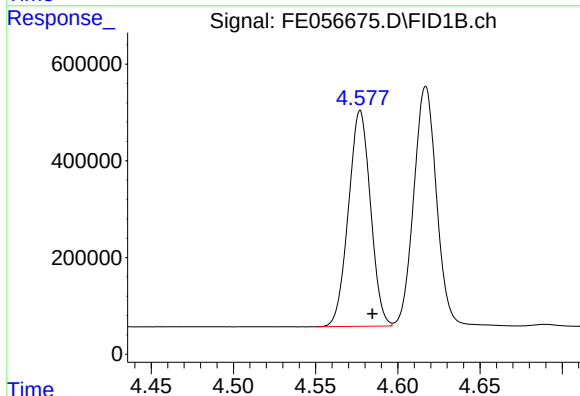
ClientSampleId :

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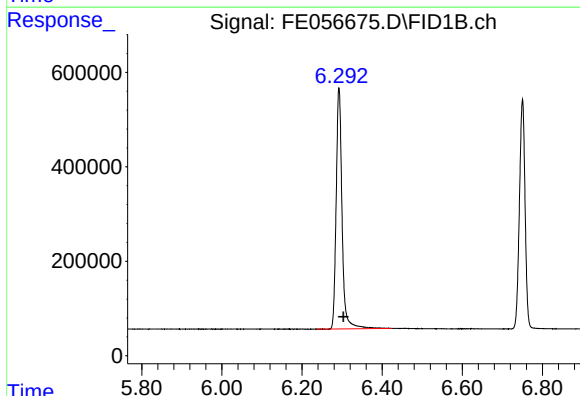
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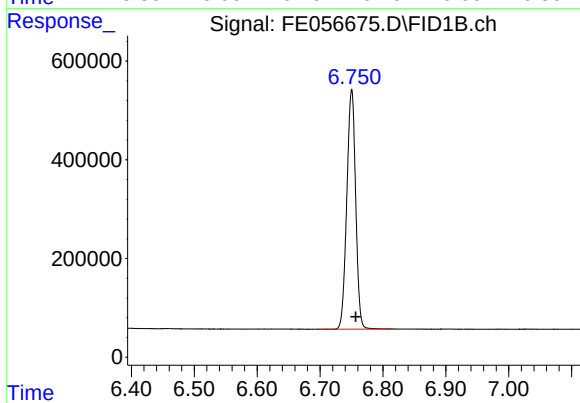
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.008 min
Response: 4168356
Conc: 24.29 ug/ml m



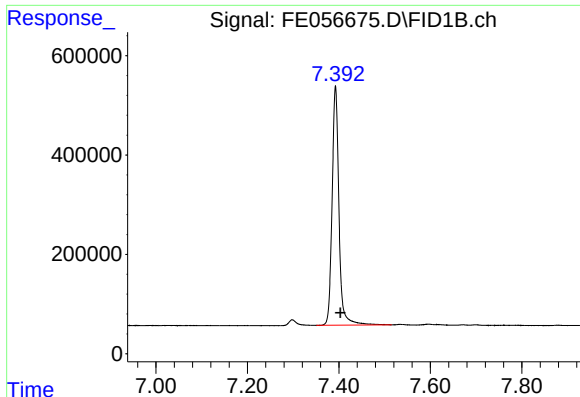
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.011 min
Response: 5208222
Conc: 28.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.007 min
Response: 4750710
Conc: 27.31 ug/ml



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

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 5018899
Conc: 28.32 ug/ml

Instrument :

FID_E

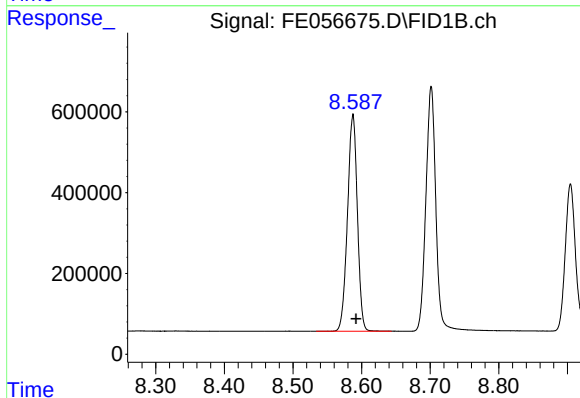
ClientSampleId :

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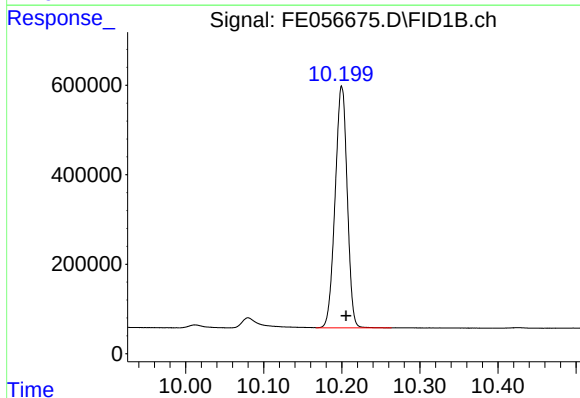
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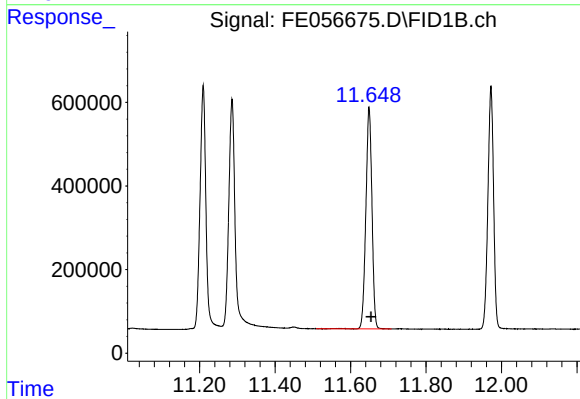
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.005 min
Response: 5362014
Conc: 30.72 ug/ml



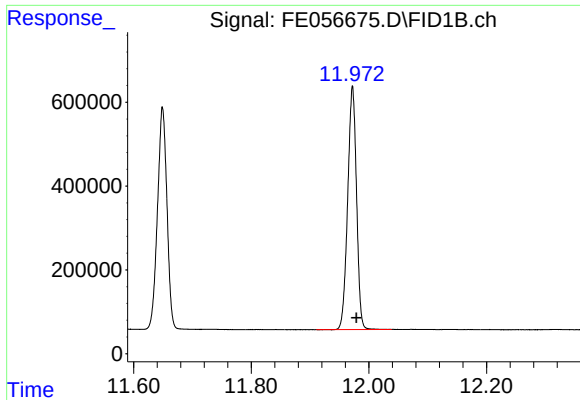
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.006 min
Response: 5813339
Conc: 31.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.005 min
Response: 5932208
Conc: 31.34 ug/ml



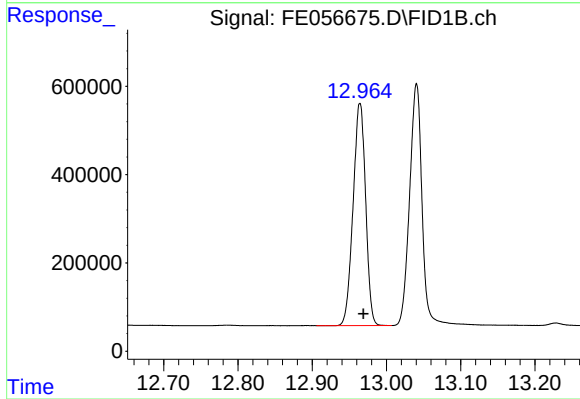
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.007 min
Response: 6048852
Conc: 28.95 ug/ml

Instrument :
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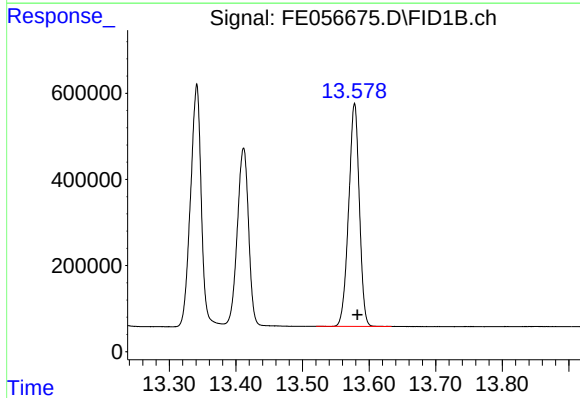
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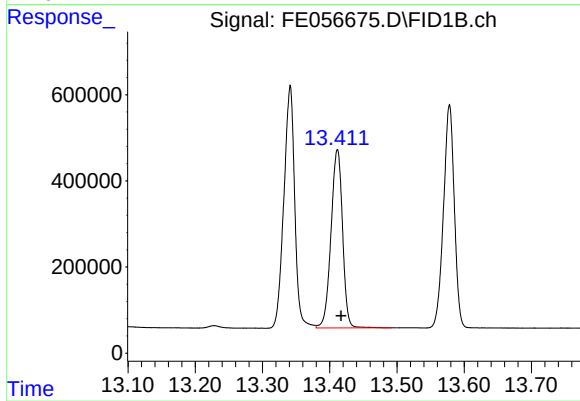
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 5909733
Conc: 31.71 ug/ml



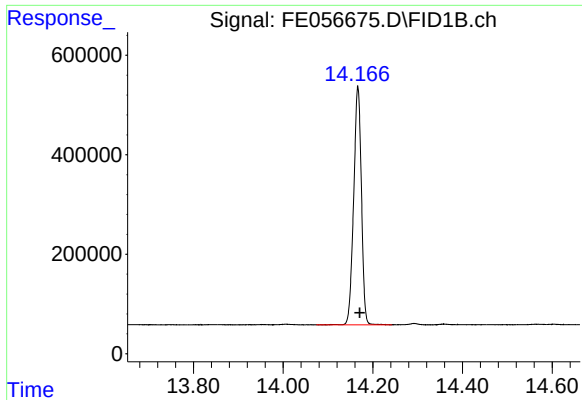
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.004 min
Response: 5782985
Conc: 31.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.006 min
Response: 4932141
Conc: 30.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: -0.004 min
Response: 5730209
Conc: 30.61 ug/ml

Instrument :

FID_E

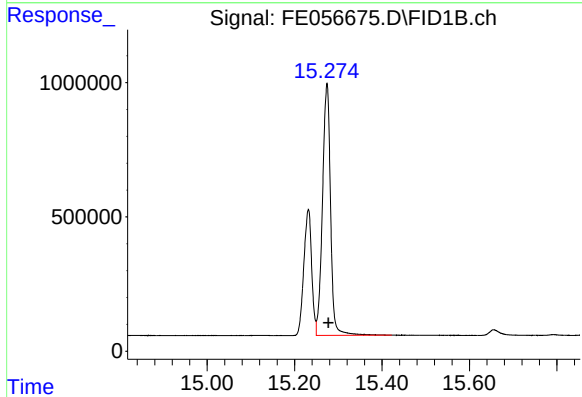
ClientSampleId :

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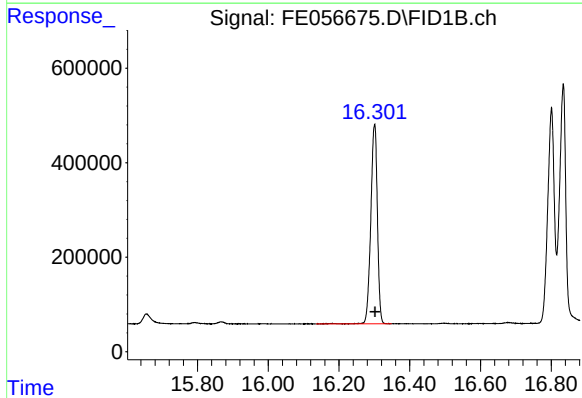
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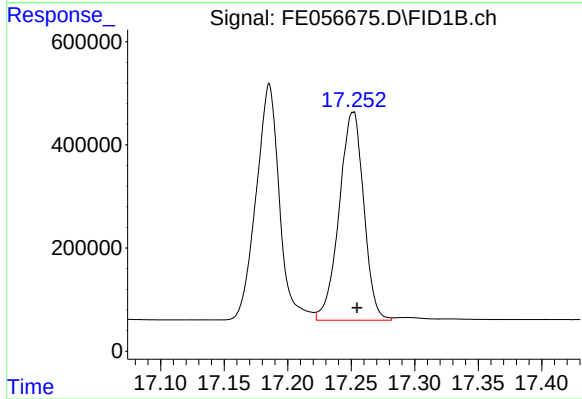
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: -0.003 min
Response: 12026448
Conc: 61.40 ug/ml



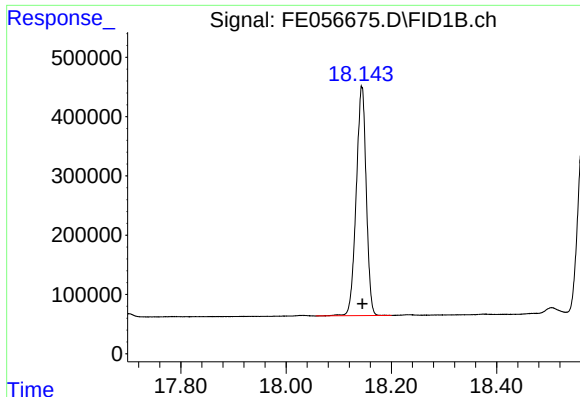
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: -0.002 min
Response: 5430198
Conc: 27.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.252 min
Delta R.T.: -0.002 min
Response: 5436586
Conc: 28.07 ug/ml m



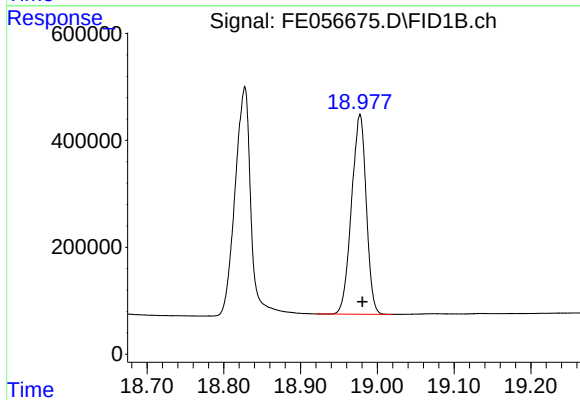
#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: -0.001 min
Response: 5103051
Conc: 25.45 ug/ml

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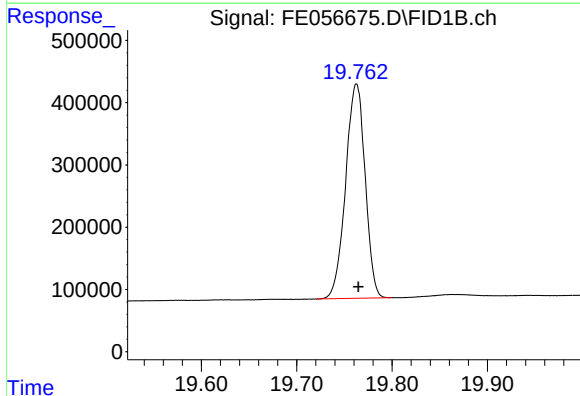
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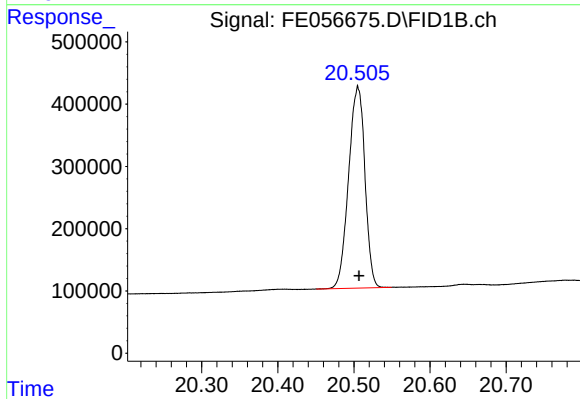
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.003 min
Response: 4988340
Conc: 25.37 ug/ml



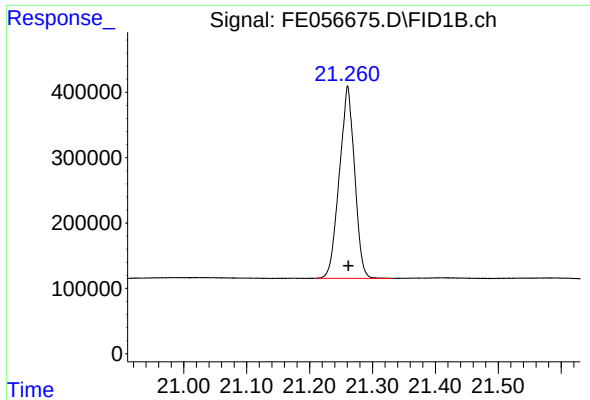
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: -0.002 min
Response: 4900784
Conc: 28.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: -0.002 min
Response: 4821873
Conc: 33.33 ug/ml



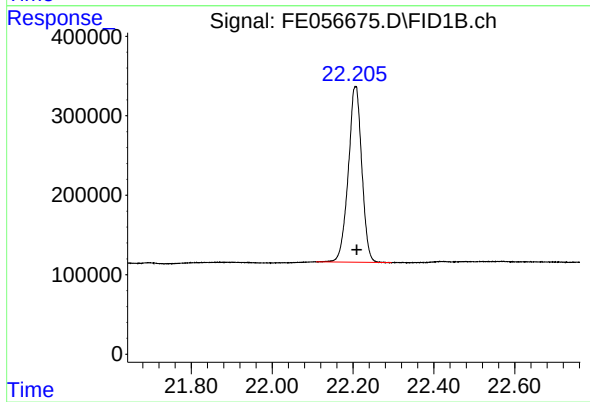
#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: -0.001 min
Response: 4942137
Conc: 39.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: -0.003 min
Response: 5128113
Conc: 44.36 ug/ml