

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054463.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 01:34
 Operator : YP\AJ
 Sample : Q2339-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-CMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e

Quant Time: Jun 18 02:15:58 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.827	5706319	34.534 ug/ml
Spiked Amount 50.000		Recovery =	69.07%
12) S 1-chlorooctadecane (S...	13.271	4753859	38.982 ug/mlm
Spiked Amount 50.000		Recovery =	77.96%
Target Compounds			
1) T n-Nonane (C9)	3.176	3881095	31.254 ug/ml
2) T n-Decane (C10)	4.439	4258584	34.273 ug/ml
3) T A~Naphthalene (C11.7)	6.152	5419484	40.102 ug/ml
4) T n-Dodecane (C12)	6.619	4629981	36.361 ug/ml
5) T A~2-methylnaphthalene...	7.254	5158822	38.948 ug/ml
6) T n-Tetradecane (C14)	8.455	4913793	37.955 ug/ml
7) T n-Hexadecane (C16)	10.066	5362347	40.367 ug/ml
8) T n-Octadecane (C18)	11.514	5706314	42.259 ug/ml
10) T n-Eicosane (C20)	12.827	6030182	45.076 ug/ml
11) T n-Heneicosane (C21)	13.440	5784087	43.500 ug/ml
13) T n-Docosane (C22)	14.027	5737929	43.760 ug/ml
14) T n-Tetracosane (C24)	15.129	12381086	95.982 ug/ml
15) T n-Hexacosane (C26)	16.157	5527435	44.033 ug/ml
16) T n-Octacosane (C28)	17.107	5729109	46.718 ug/mlm
17) T n-Tricontane (C30)	17.998	5472599	44.154 ug/ml
18) T n-Dotriacontane (C32)	18.831	5511885	43.869 ug/ml
19) T n-Tetratriacontane (C34)	19.616	5647159	45.393 ug/ml
20) T n-Hexatriacontane (C36)	20.357	5660090	43.968 ug/ml
21) T n-Octatriacontane (C38)	21.085	5763273	43.647 ug/ml
22) T n-Tetracontane (C40)	21.974	5555339	41.240 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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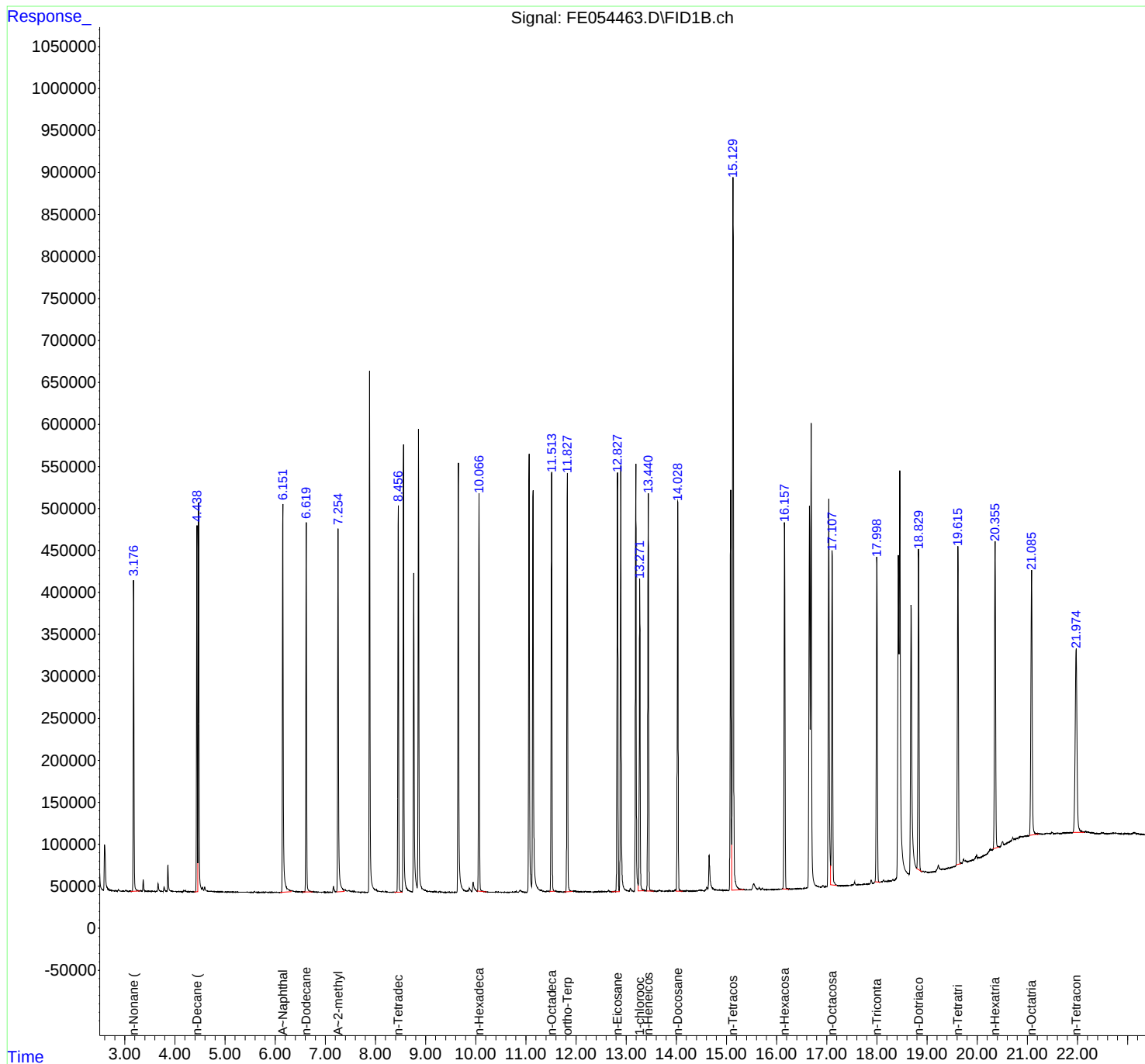
Response via : Initial Calibration

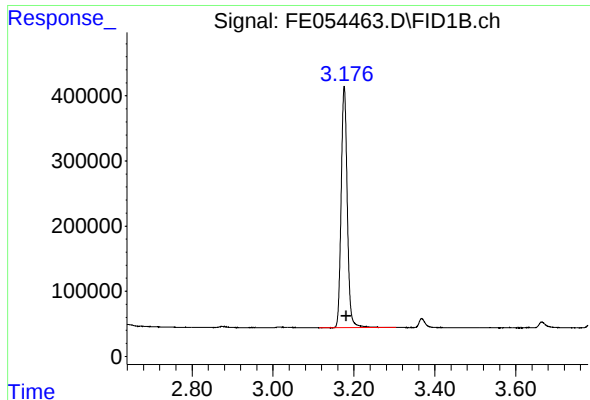
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.176 min
Delta R.T.: -0.005 min
Response: 3881095
Conc: 31.25 ug/ml

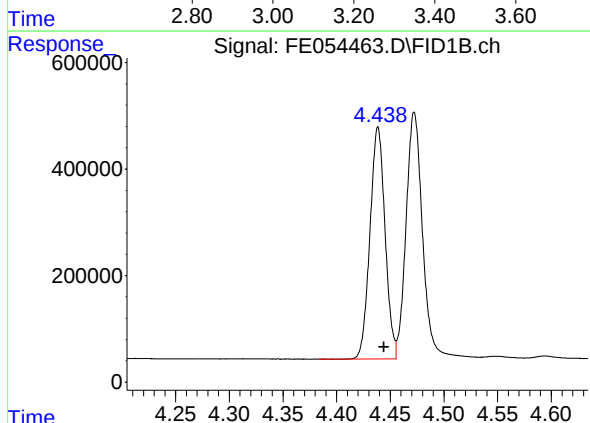
Instrument :

FID_E

ClientSampleId :
MH-CMSD

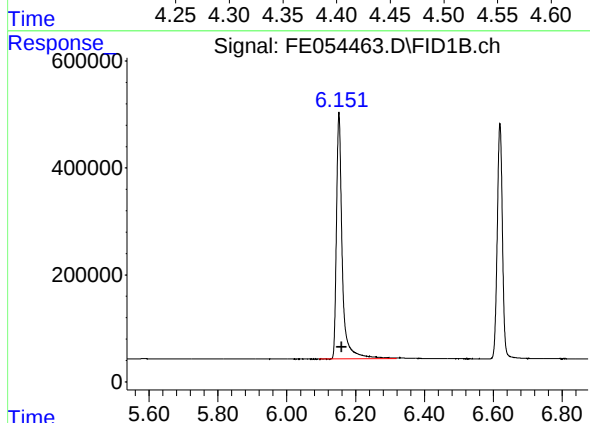
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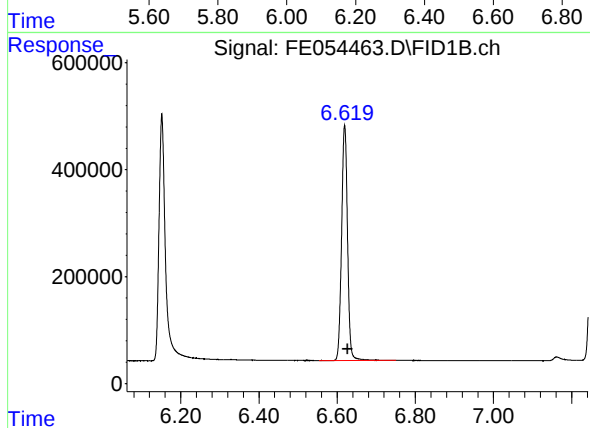
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.006 min
Response: 4258584
Conc: 34.27 ug/ml



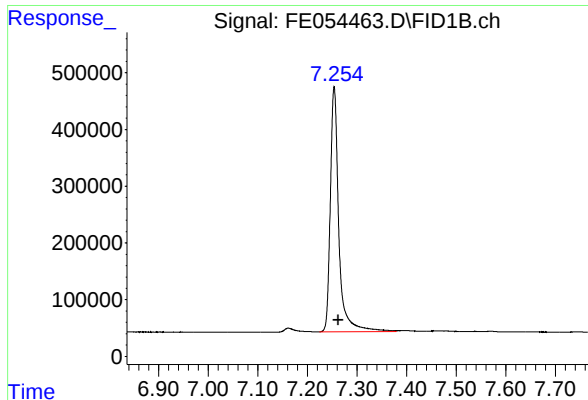
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 5419484
Conc: 40.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 4629981
Conc: 36.36 ug/ml



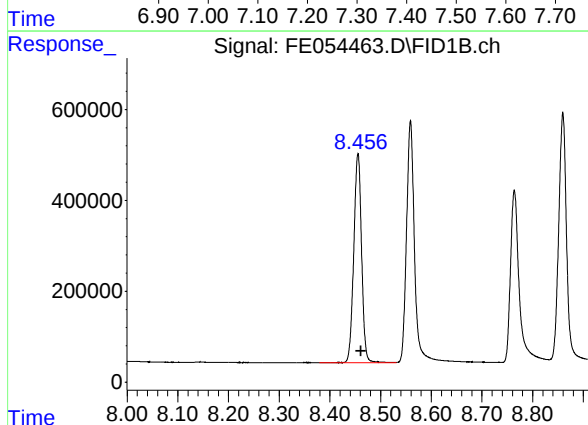
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.008 min
Response: 5158822
Conc: 38.95 ug/ml

Instrument :
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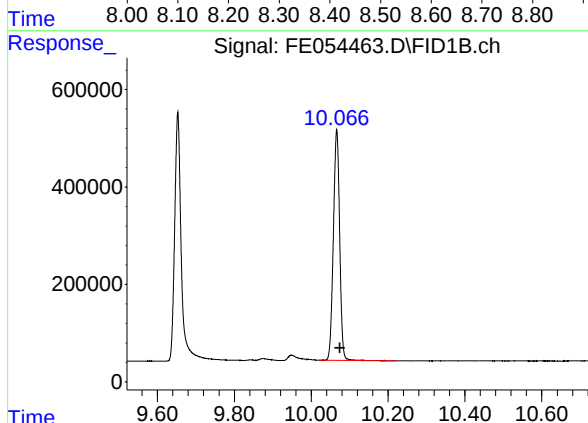
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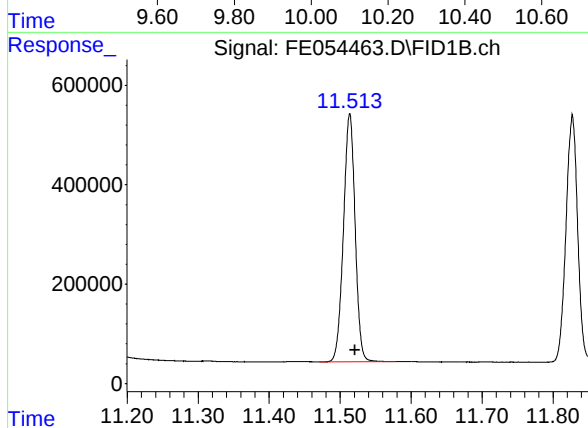
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.006 min
Response: 4913793
Conc: 37.95 ug/ml



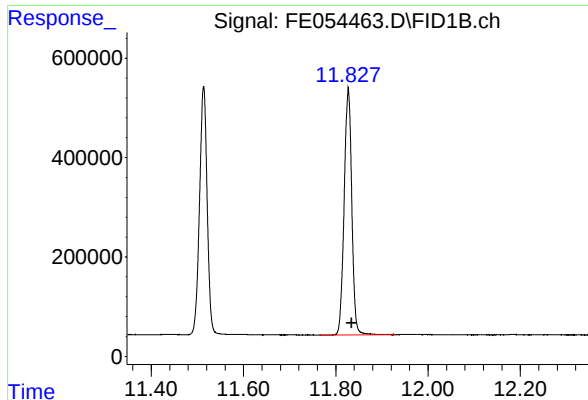
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.008 min
Response: 5362347
Conc: 40.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.008 min
Response: 5706314
Conc: 42.26 ug/ml



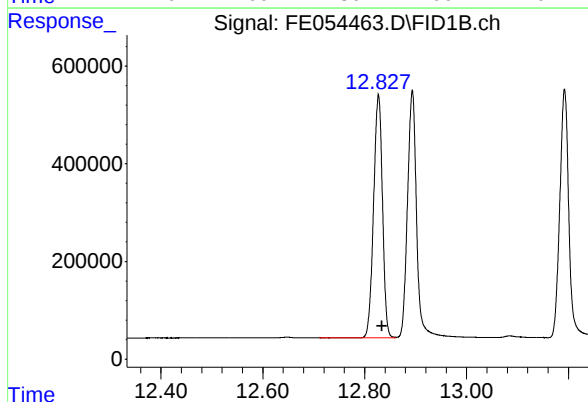
#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.008 min
Response: 5706319
Conc: 34.53 ug/ml

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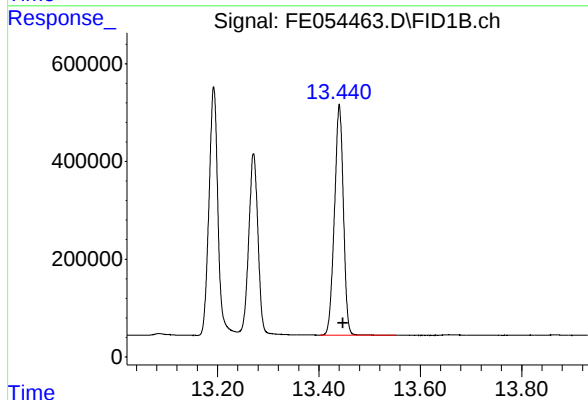
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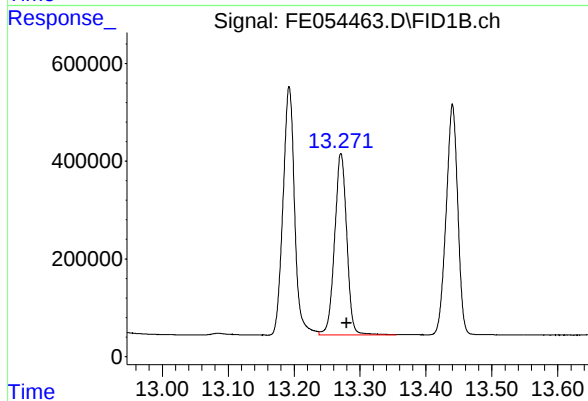
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.008 min
Response: 6030182
Conc: 45.08 ug/ml



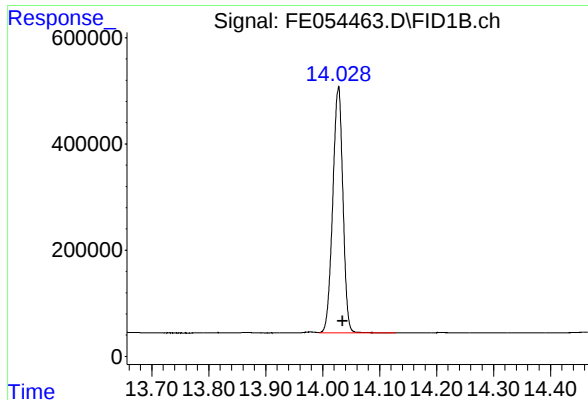
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.007 min
Response: 5784087
Conc: 43.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 4753859
Conc: 38.98 ug/ml m



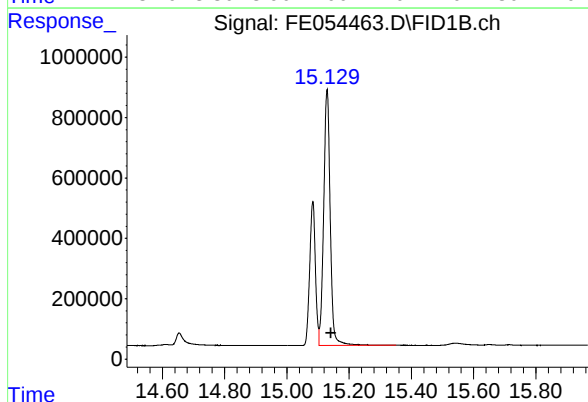
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.008 min
Response: 5737929
Conc: 43.76 ug/ml

Instrument :
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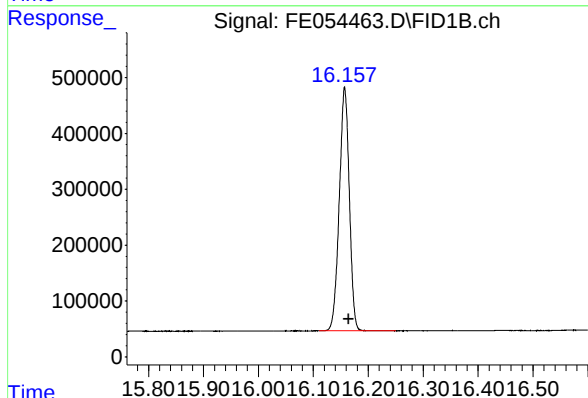
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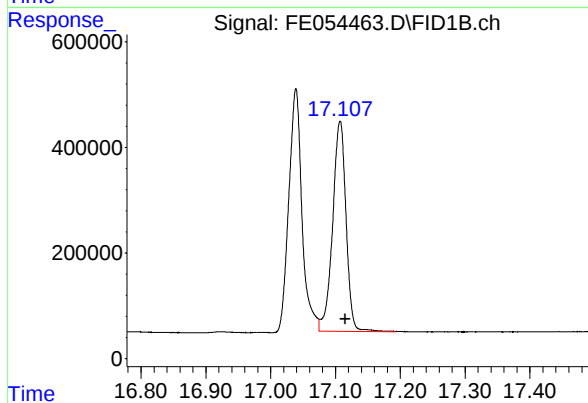
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.012 min
Response: 12381086
Conc: 95.98 ug/ml



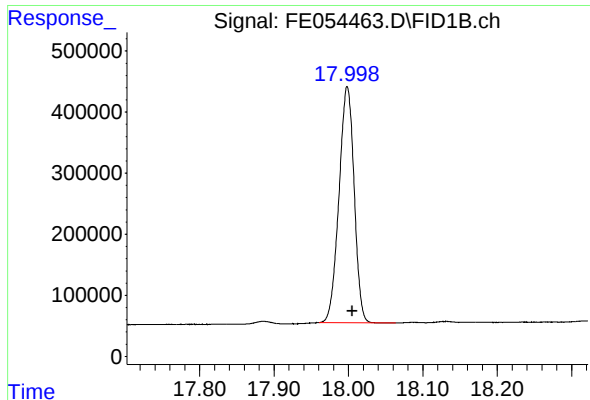
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 5527435
Conc: 44.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.008 min
Response: 5729109
Conc: 46.72 ug/ml m



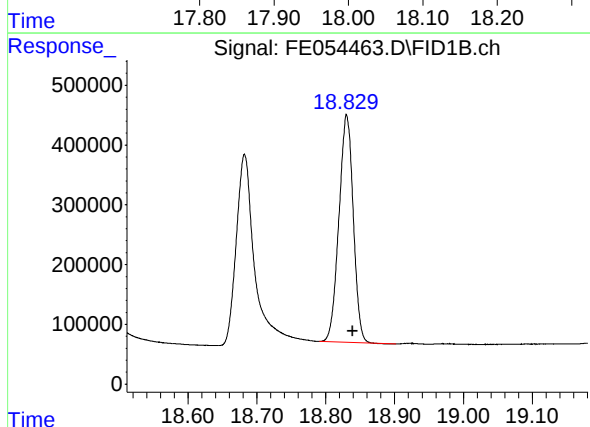
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.007 min
Response: 5472599
Conc: 44.15 ug/ml

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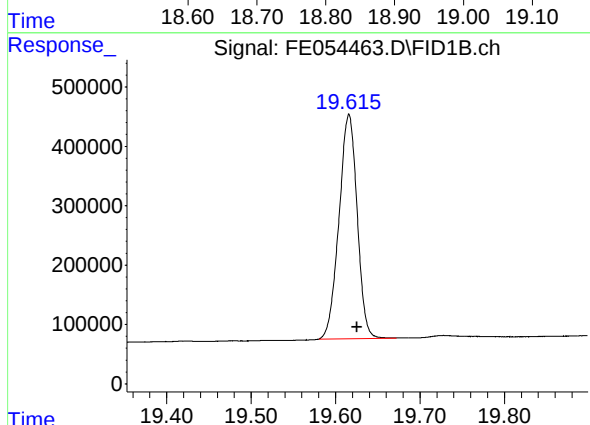
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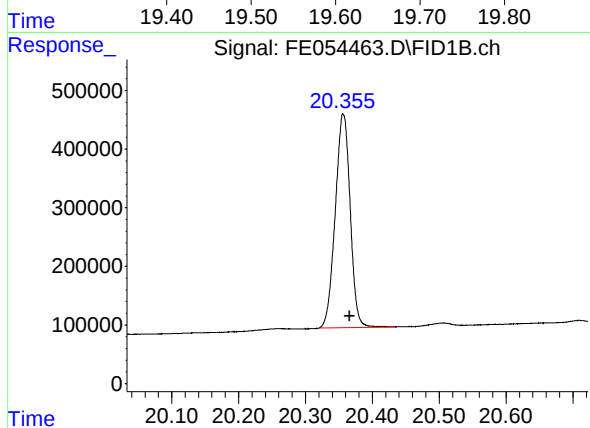
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.008 min
Response: 5511885
Conc: 43.87 ug/ml



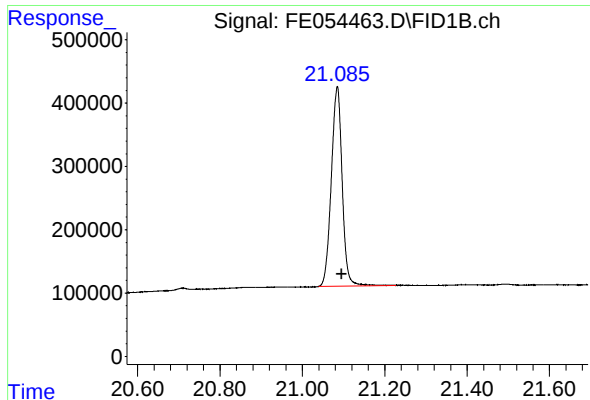
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.009 min
Response: 5647159
Conc: 45.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.010 min
Response: 5660090
Conc: 43.97 ug/ml



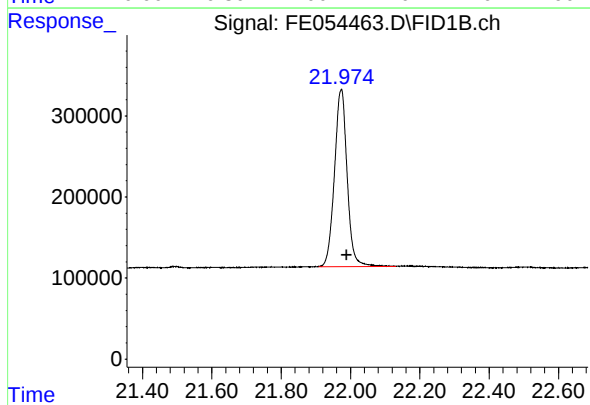
#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.011 min
Response: 5763273
Conc: 43.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.014 min
Response: 5555339
Conc: 41.24 ug/ml m