

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046257.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 20:09
 Operator : YP\AJ
 Sample : P1147-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-E-E2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/17/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 17 01:19:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.828	4700099	25.864 ug/ml
Spiked Amount 50.000		Recovery =	51.73%
12) S 1-chlorooctadecane (S...	13.271	3898117	29.175 ug/ml
Spiked Amount 50.000		Recovery =	58.35%
Target Compounds			
1) T n-Nonane (C9)	3.219	4560360	29.798 ug/ml
2) T n-Decane (C10)	4.468	5104725	32.892 ug/ml
3) T A~Naphthalene (C11.7)	6.168	6044492	36.346 ug/ml
4) T n-Dodecane (C12)	6.633	5578201	35.726 ug/ml
5) T A~2-methylnaphthalene...	7.264	6066883	38.106 ug/ml
6) T n-Tetradecane (C14)	8.460	5875890	37.721 ug/ml
7) T n-Hexadecane (C16)	10.069	6155968	38.874 ug/ml
8) T n-Octadecane (C18)	11.514	6487512	41.219 ug/ml
10) T n-Eicosane (C20)	12.827	6552163	43.312 ug/ml
11) T n-Heneicosane (C21)	13.439	6280732	42.711 ug/ml
13) T n-Docosane (C22)	14.027	6186942	42.327 ug/ml
14) T n-Tetracosane (C24)	15.130	13431341	92.609 ug/ml
15) T n-Hexacosane (C26)	16.157	5816519	40.571 ug/ml
16) T n-Octacosane (C28)	17.107	6964482	48.560 ug/mlm
17) T n-Tricontane (C30)	17.999	5649123	38.006 ug/ml
18) T n-Dotriacontane (C32)	18.831	6055147	40.486 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	5593433	39.045 ug/ml
20) T n-Hexatriacontane (C36)	20.361	5551003	38.073 ug/mlm
21) T n-Octatriacontane (C38)	21.093	5804179	39.361 ug/ml
22) T n-Tetracontane (C40)	21.986	6012019	38.409 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

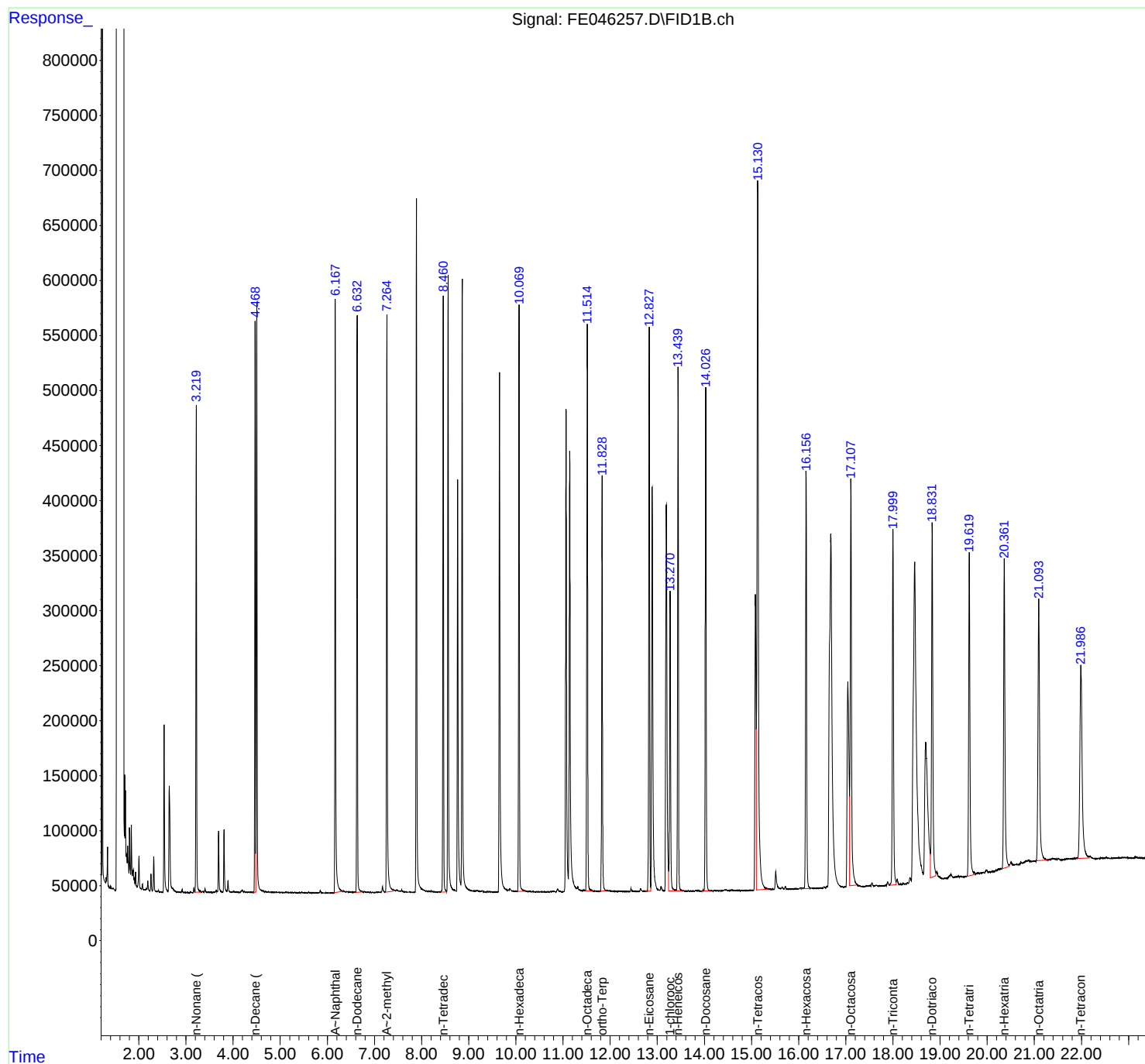
Response via : Initial Calibration

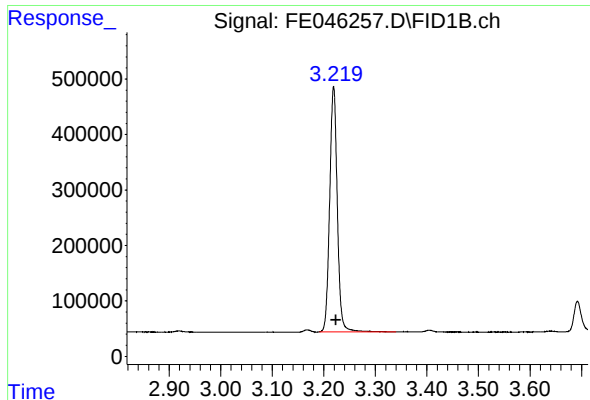
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





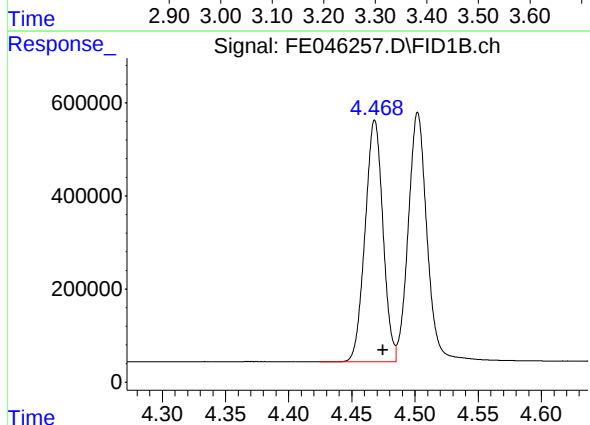
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 4560360
Conc: 29.80 ug/ml

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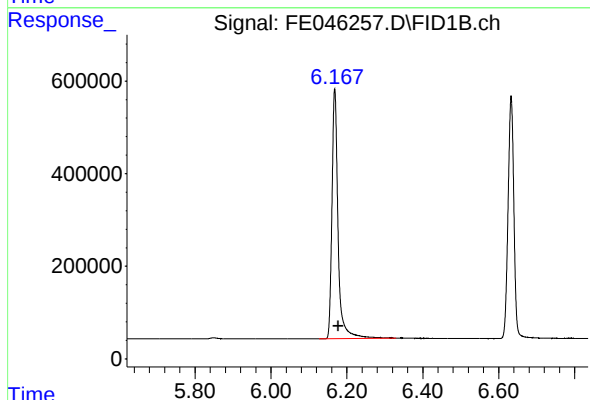
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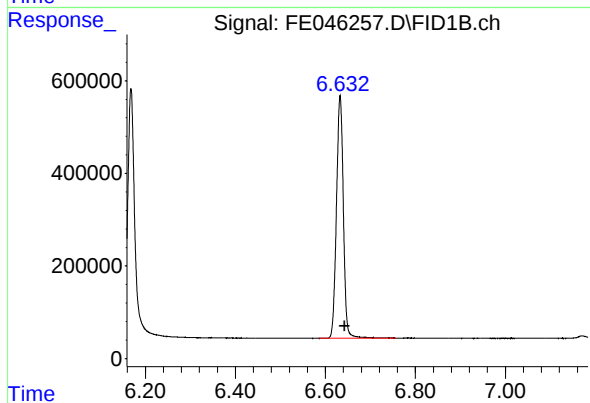
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.007 min
Response: 5104725
Conc: 32.89 ug/ml



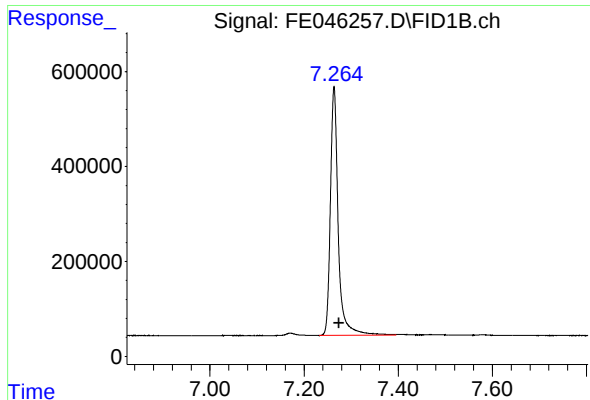
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 6044492
Conc: 36.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.010 min
Response: 5578201
Conc: 35.73 ug/ml



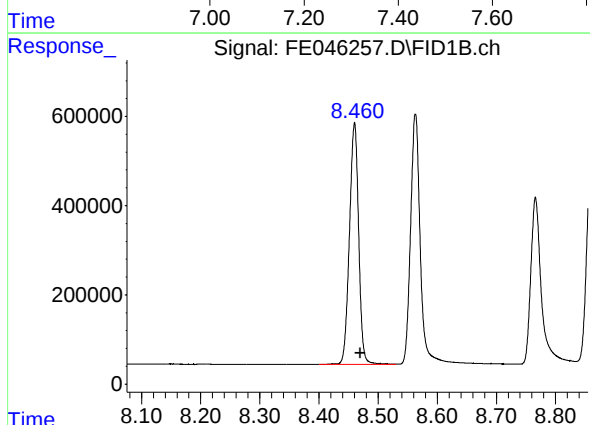
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 6066883
Conc: 38.11 ug/ml

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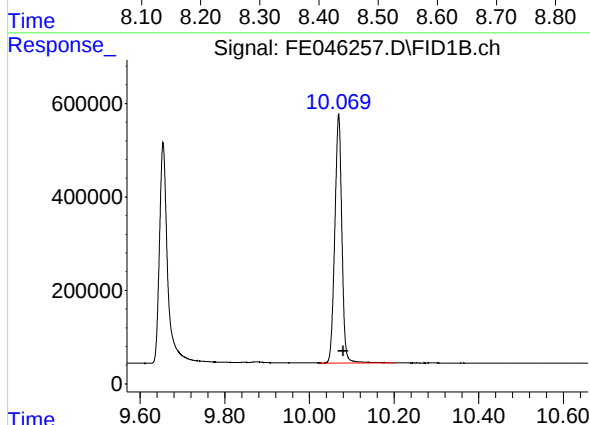
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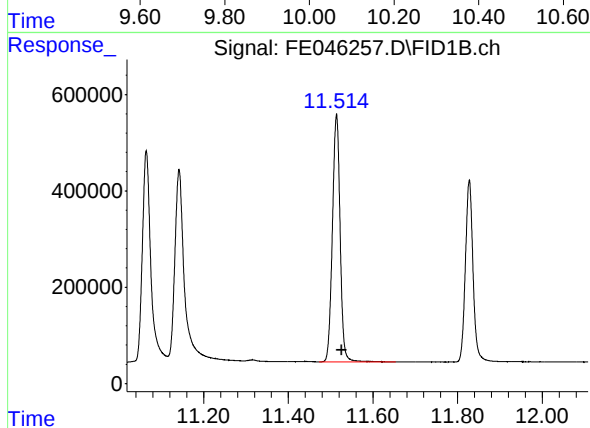
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 5875890
Conc: 37.72 ug/ml



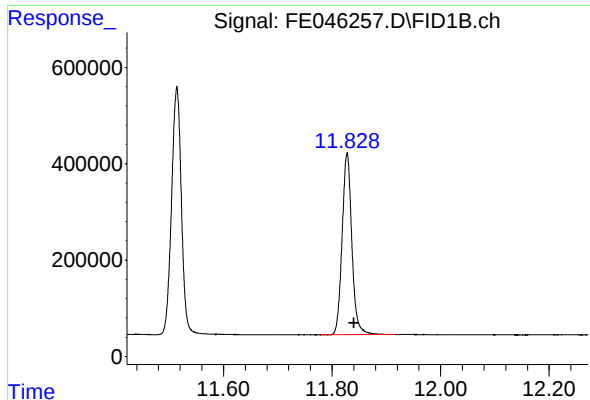
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.011 min
Response: 6155968
Conc: 38.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 6487512
Conc: 41.22 ug/ml



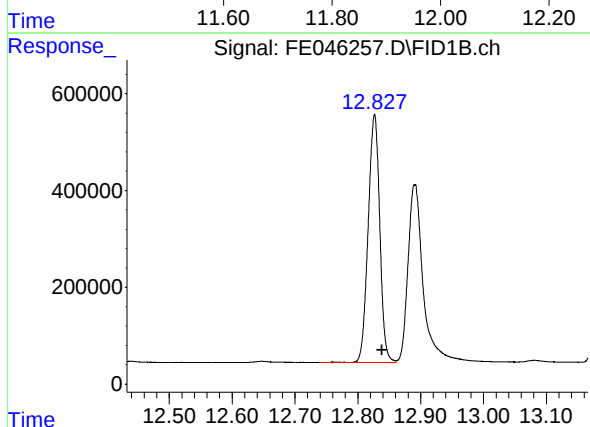
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.013 min
Response: 4700099
Conc: 25.86 ug/ml

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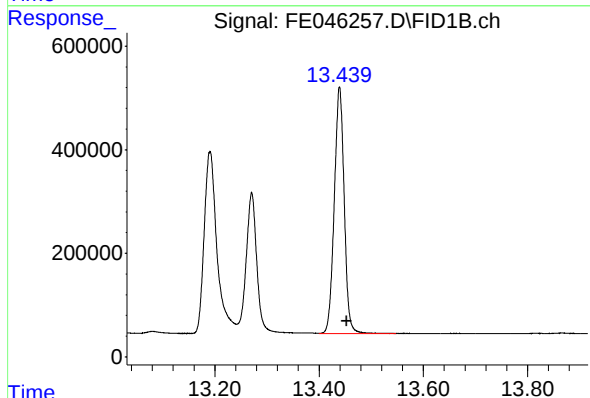
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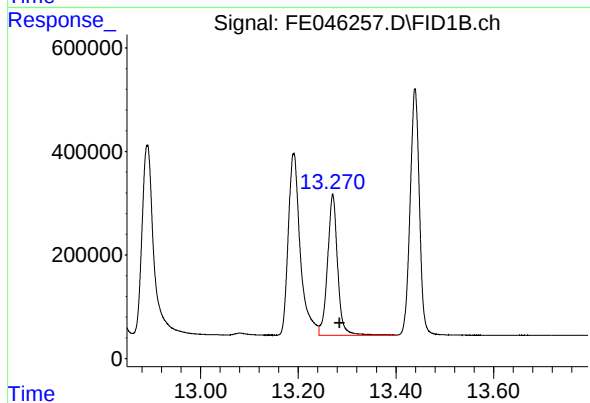
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 6552163
Conc: 43.31 ug/ml



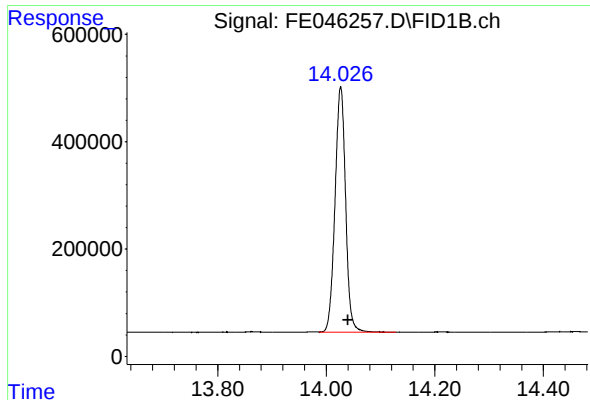
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 6280732
Conc: 42.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.014 min
Response: 3898117
Conc: 29.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.013 min
Response: 6186942
Conc: 42.33 ug/ml

Instrument :

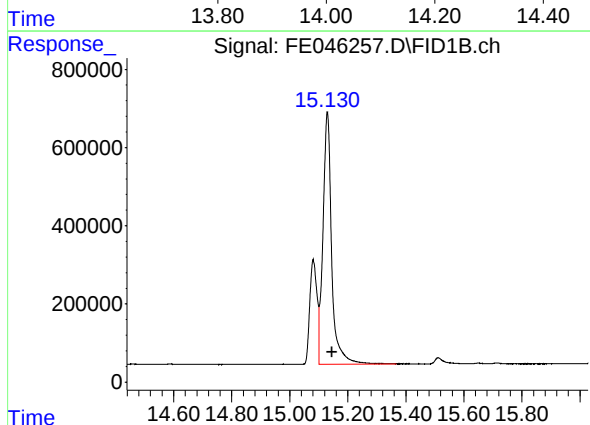
FID_E

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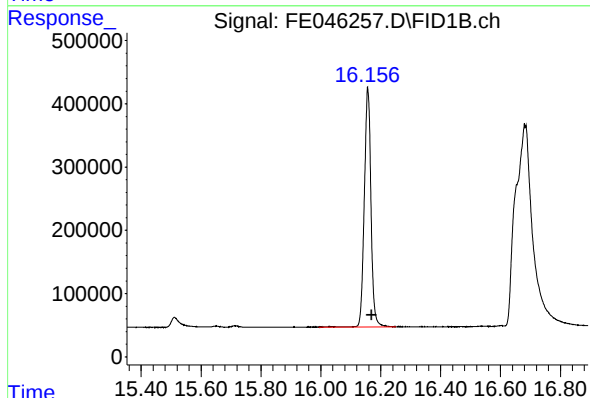
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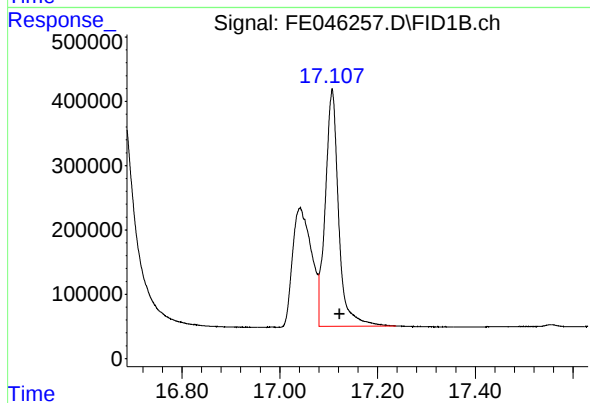
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.016 min
Response: 13431341
Conc: 92.61 ug/ml



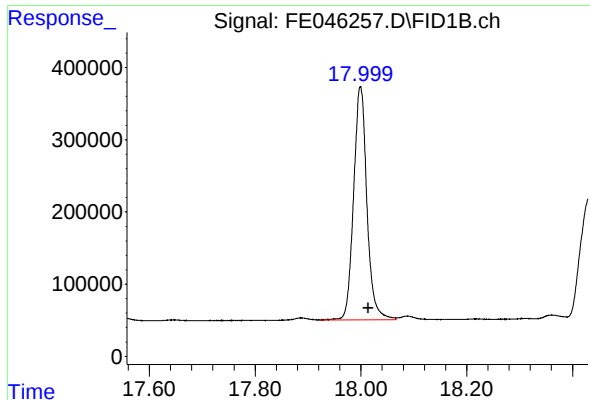
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.013 min
Response: 5816519
Conc: 40.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 6964482
Conc: 48.56 ug/ml m



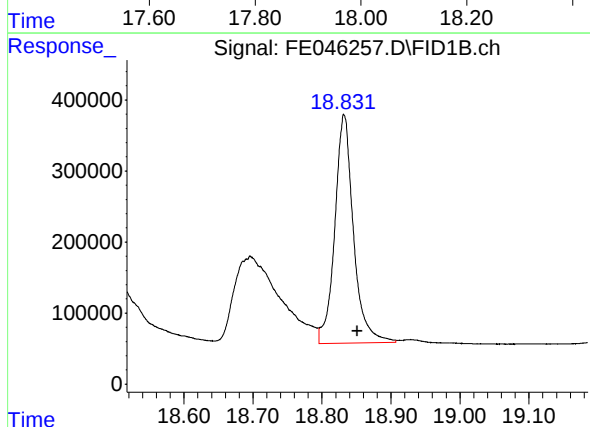
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 5649123
Conc: 38.01 ug/ml

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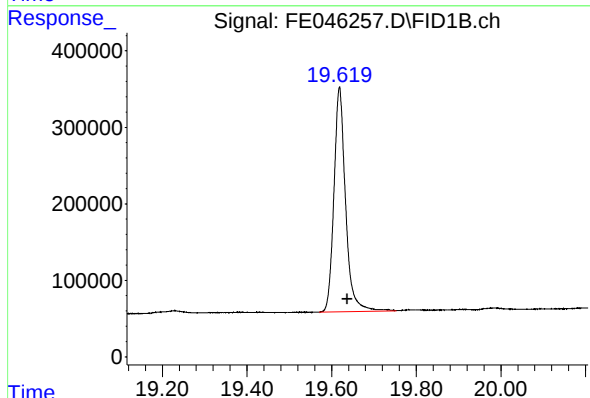
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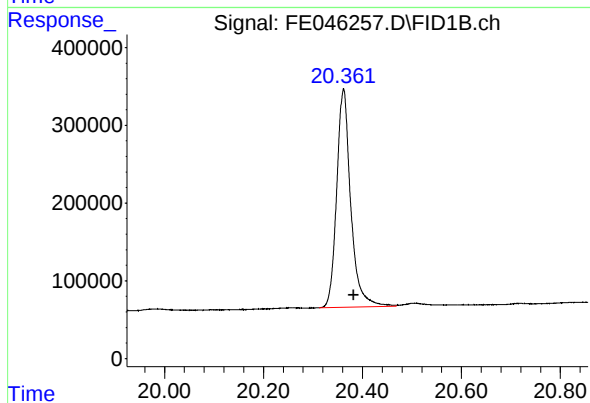
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.021 min
Response: 6055147
Conc: 40.49 ug/ml m



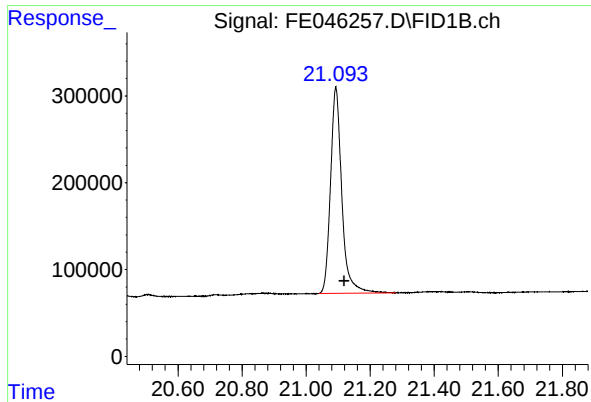
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 5593433
Conc: 39.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.021 min
Response: 5551003
Conc: 38.07 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.027 min
Response: 5804179
Conc: 39.36 ug/ml

Instrument :

FID_E

ClientSampleId :

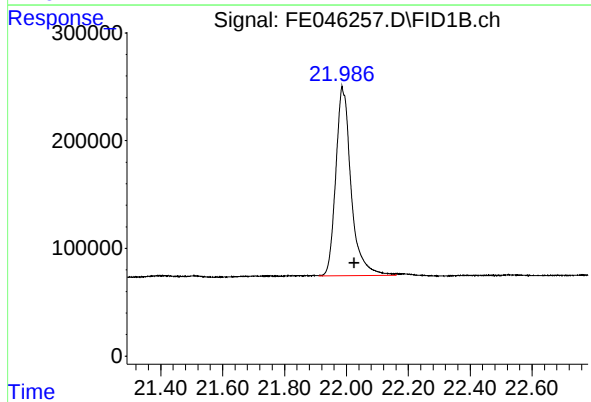
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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.039 min
Response: 6012019
Conc: 38.41 ug/ml m