

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054481.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 14:26
 Operator : YP\AJ
 Sample : PB168533BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168533BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/19/2025

Supervised By :mohammad ahmed 06/20/2025

Integration File: autoint1.e

Quant Time: Jun 19 01:34:33 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	6730578	40.733 ug/ml
Spiked Amount 50.000		Recovery =	81.47%
12) S 1-chlorooctadecane (S...	13.271	5295781	43.426 ug/mlm
Spiked Amount 50.000		Recovery =	86.85%
Target Compounds			
1) T n-Nonane (C9)	3.180	3919990	31.567 ug/ml
2) T n-Decane (C10)	4.439	4044307	32.549 ug/ml
3) T A~Naphthalene (C11.7)	6.151	5370284	39.738 ug/ml
4) T n-Dodecane (C12)	6.618	4550826	35.740 ug/ml
5) T A~2-methylnaphthalene...	7.253	5170479	39.036 ug/ml
6) T n-Tetradecane (C14)	8.454	5160608	39.861 ug/ml
7) T n-Hexadecane (C16)	10.066	5552422	41.798 ug/ml
8) T n-Octadecane (C18)	11.513	5613926	41.574 ug/ml
10) T n-Eicosane (C20)	12.826	5763420	43.082 ug/ml
11) T n-Heneicosane (C21)	13.439	5501454	41.374 ug/ml
13) T n-Docosane (C22)	14.027	5440011	41.488 ug/ml
14) T n-Tetracosane (C24)	15.128	11771866	91.259 ug/ml
15) T n-Hexacosane (C26)	16.156	5227668	41.645 ug/ml
16) T n-Octacosane (C28)	17.105	5631986	45.926 ug/mlm
17) T n-Tricontane (C30)	17.997	5157079	41.609 ug/ml
18) T n-Dotriacontane (C32)	18.828	5286319	42.074 ug/mlm
19) T n-Tetratriacontane (C34)	19.614	5243396	42.147 ug/mlm
20) T n-Hexatriacontane (C36)	20.354	5175037	40.200 ug/ml
21) T n-Octatriacontane (C38)	21.082	5150297	39.005 ug/ml
22) T n-Tetracontane (C40)	21.967	4804382	35.666 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168533BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

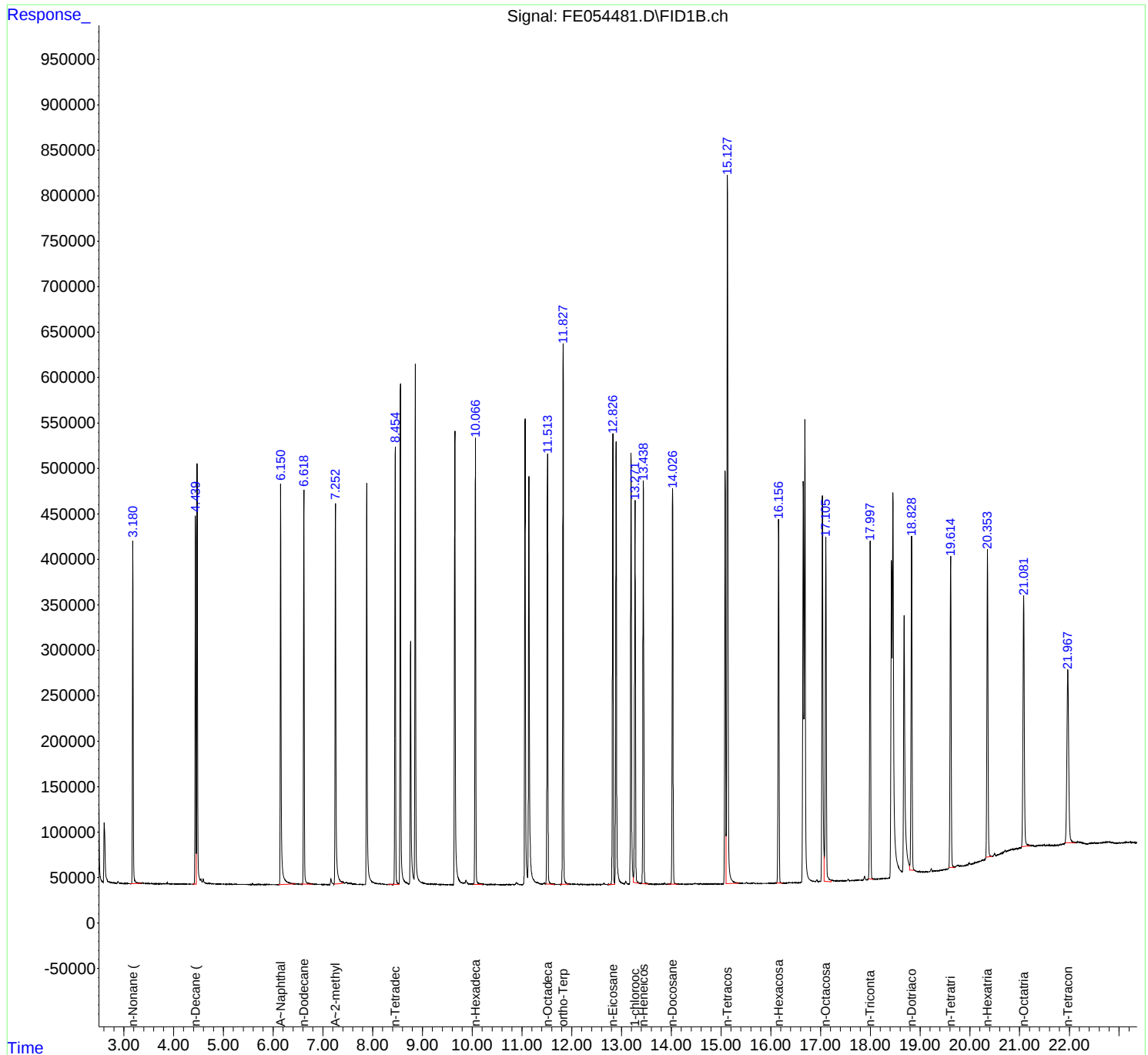
Instrument :
FID_E
ClientSampleId :
PB168533BS

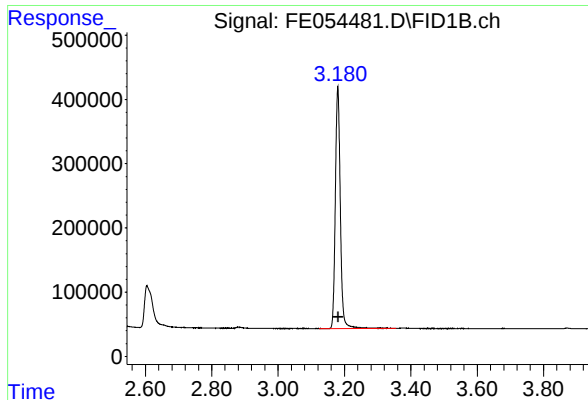
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Quant Title : GC Extractables
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Signal Phase : Rxi-1ms
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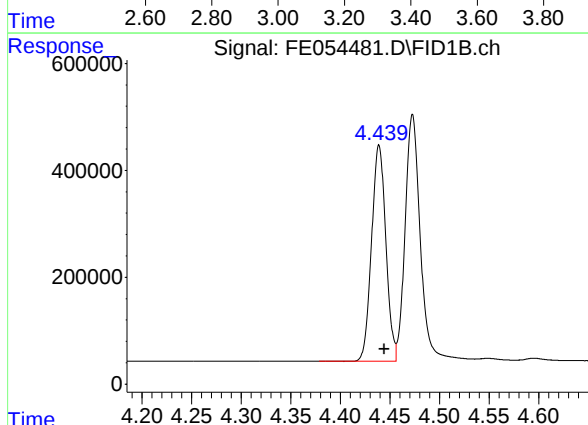
#1 n-Nonane (C9)

R.T.: 3.180 min
Delta R.T.: -0.001 min
Response: 3919990
Conc: 31.57 ug/ml

Instrument :
FID_E
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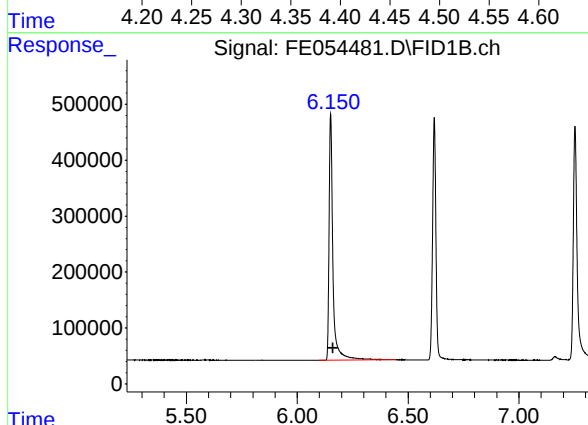
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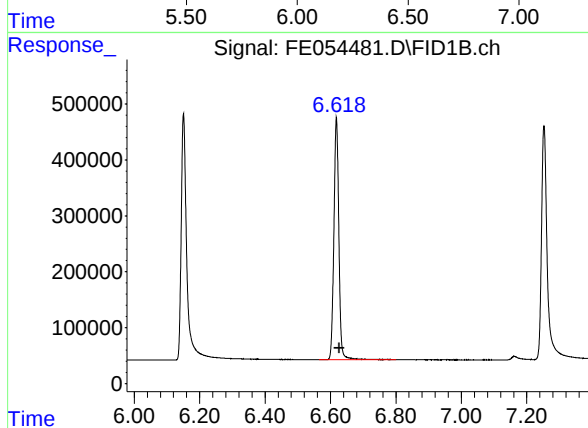
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 4044307
Conc: 32.55 ug/ml



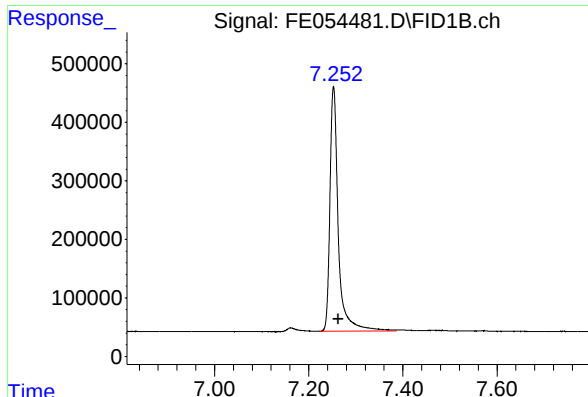
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 5370284
Conc: 39.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 4550826
Conc: 35.74 ug/ml



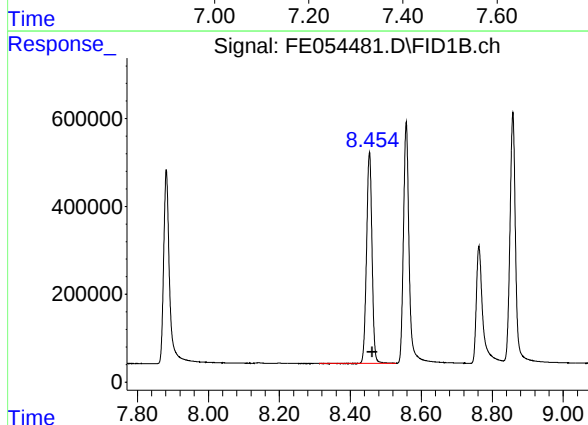
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 5170479
Conc: 39.04 ug/ml

Instrument :
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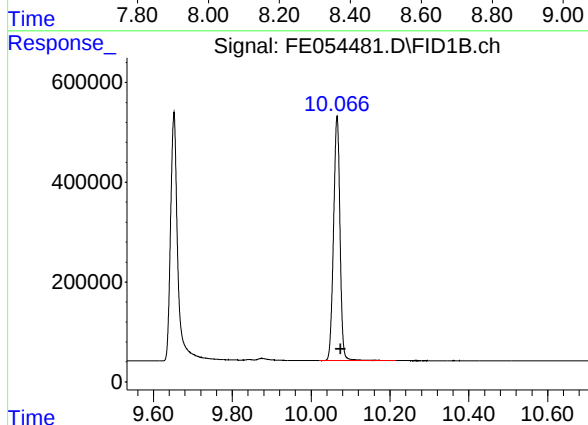
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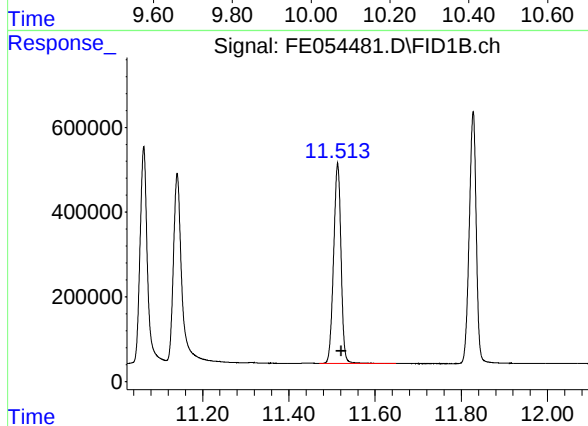
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.008 min
Response: 5160608
Conc: 39.86 ug/ml



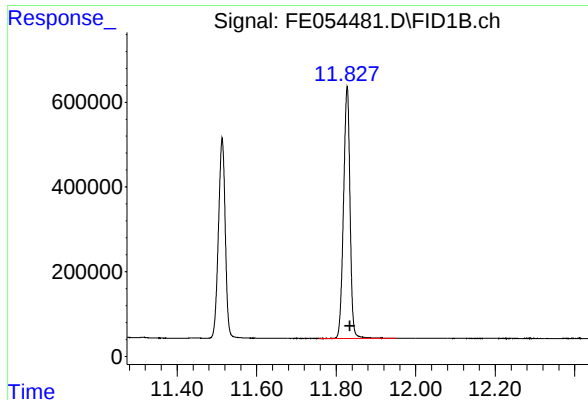
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.009 min
Response: 5552422
Conc: 41.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 5613926
Conc: 41.57 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
 Delta R.T.: -0.007 min
 Response: 6730578
 Conc: 40.73 ug/ml

Instrument :

FID_E

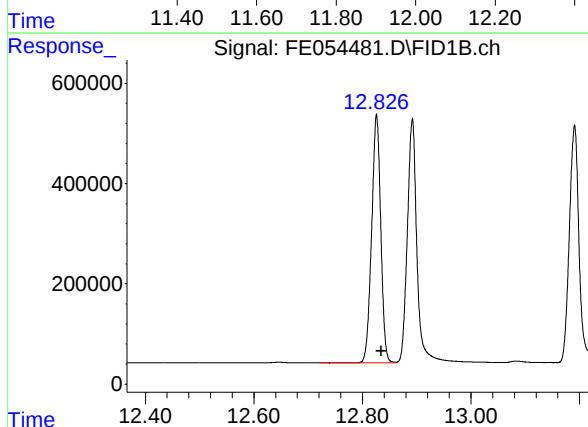
ClientSampleId :

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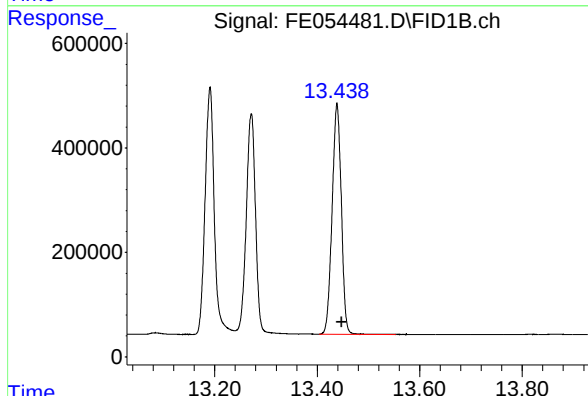
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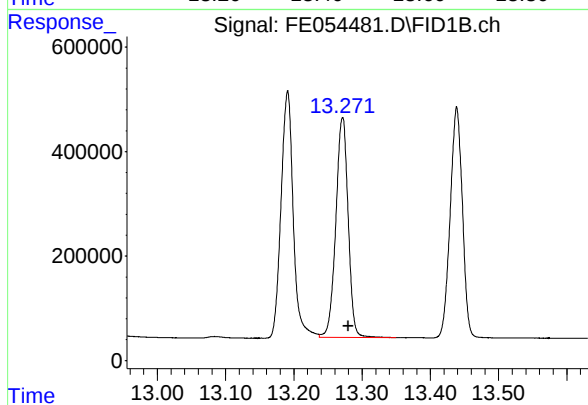
#10 n-Eicosane (C20)

R.T.: 12.826 min
 Delta R.T.: -0.009 min
 Response: 5763420
 Conc: 43.08 ug/ml



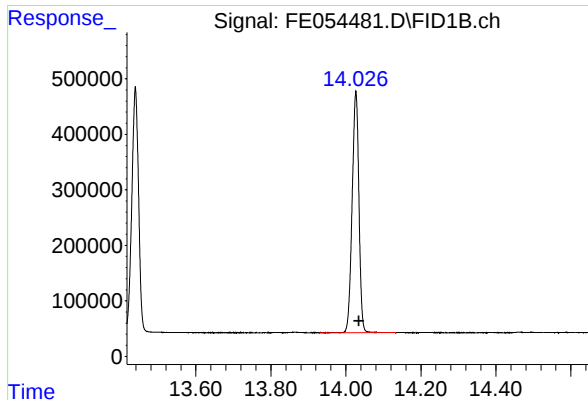
#11 n-Heneicosane (C21)

R.T.: 13.439 min
 Delta R.T.: -0.009 min
 Response: 5501454
 Conc: 41.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
 Delta R.T.: -0.008 min
 Response: 5295781
 Conc: 43.43 ug/ml m



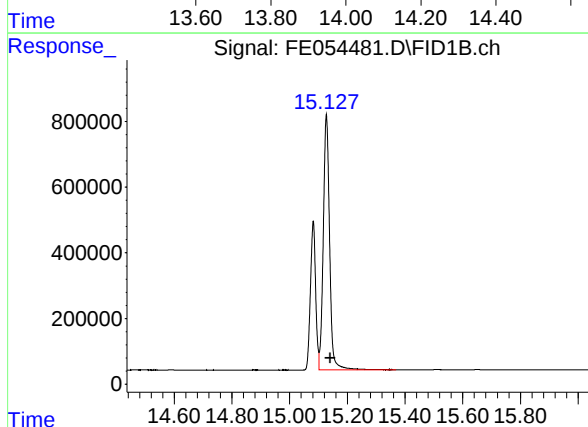
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.009 min
Response: 5440011
Conc: 41.49 ug/ml

Instrument :
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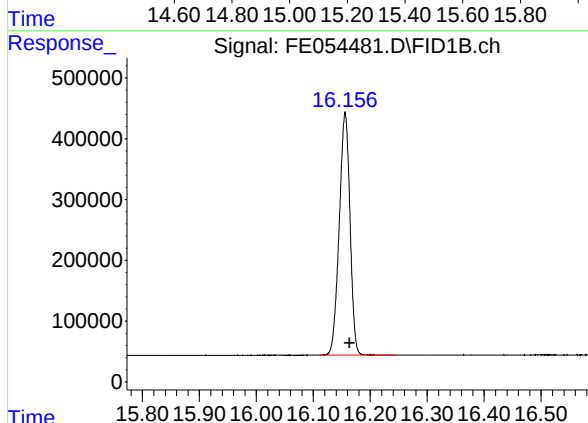
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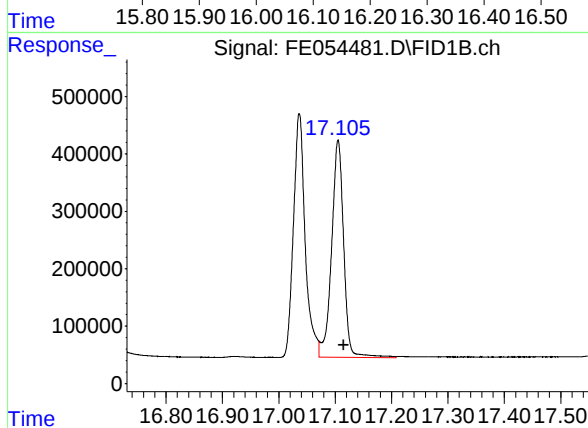
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.014 min
Response: 11771866
Conc: 91.26 ug/ml



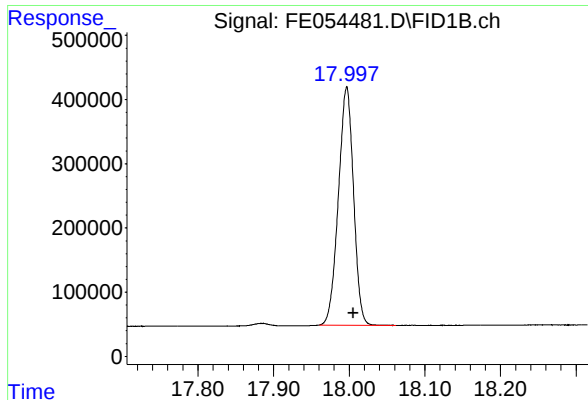
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 5227668
Conc: 41.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.010 min
Response: 5631986
Conc: 45.93 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.009 min
Response: 5157079
Conc: 41.61 ug/ml

Instrument :

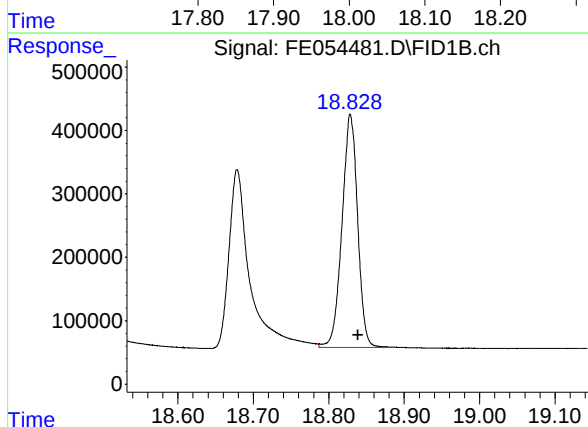
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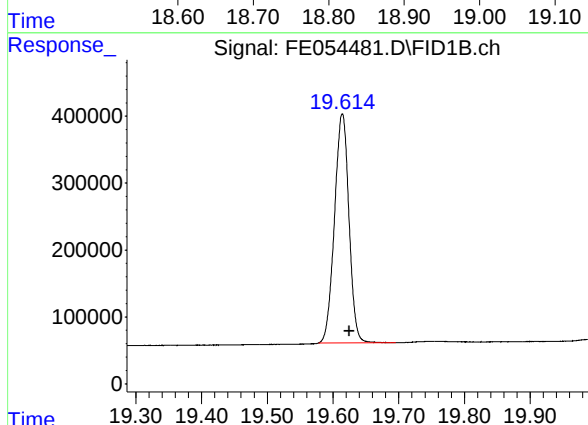
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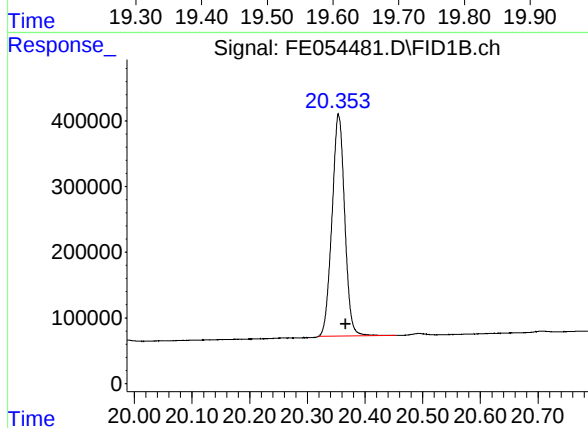
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 5286319
Conc: 42.07 ug/ml m



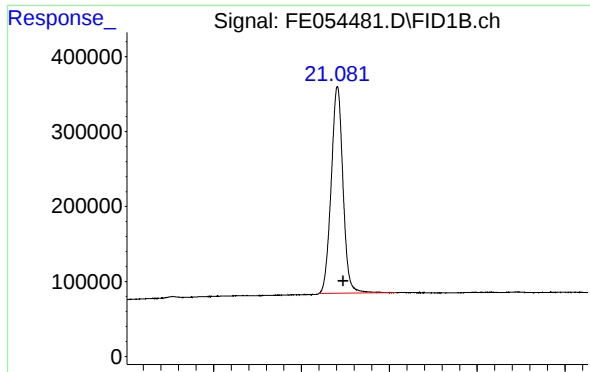
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.011 min
Response: 5243396
Conc: 42.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 5175037
Conc: 40.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.014 min
Response: 5150297
Conc: 39.01 ug/ml

Instrument :

FID_E

ClientSampleId :

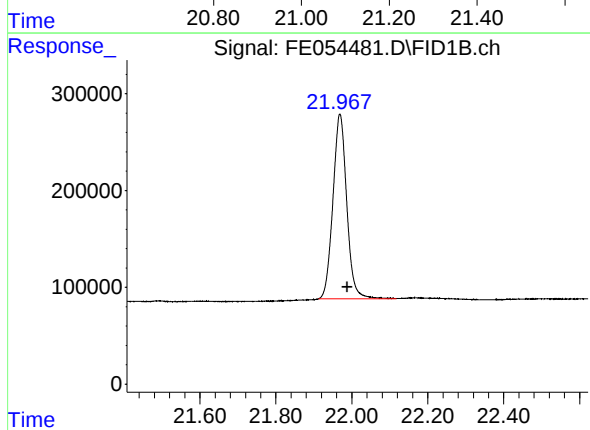
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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.021 min
Response: 4804382
Conc: 35.67 ug/ml m