

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052884.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 13:38
 Operator : YP\AJ
 Sample : PB167227BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167227BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e

Quant Time: Mar 20 23:21:27 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.907	6465765	38.353 ug/ml
Spiked Amount 50.000		Recovery =	76.71%
12) S 1-chlorooctadecane (S...	13.352	4963051	40.873 ug/ml
Spiked Amount 50.000		Recovery =	81.75%
Target Compounds			
1) T n-Nonane (C9)	3.257	7043993	45.430 ug/ml
2) T n-Decane (C10)	4.514	7486478	47.655 ug/ml
3) T A~Naphthalene (C11.7)	6.223	8729884	51.476 ug/ml
4) T n-Dodecane (C12)	6.691	8120170	52.153 ug/ml
5) T A~2-methylnaphthalene...	7.325	8249053	50.902 ug/ml
6) T n-Tetradecane (C14)	8.530	8580100	56.706 ug/ml
7) T n-Hexadecane (C16)	10.143	8421622	55.084 ug/ml
8) T n-Octadecane (C18)	11.593	8287728	54.474 ug/ml
10) T n-Eicosane (C20)	12.908	8270444	56.969 ug/ml
11) T n-Heneicosane (C21)	13.522	7886711	55.412 ug/ml
13) T n-Docosane (C22)	14.110	7808428	54.869 ug/ml
14) T n-Tetracosane (C24)	15.206	15910253	111.176 ug/ml
15) T n-Hexacosane (C26)	16.242	7582113	53.322 ug/ml
16) T n-Octacosane (C28)	17.193	7652088	53.814 ug/ml
17) T n-Tricontane (C30)	18.085	7652009	51.808 ug/ml
18) T n-Dotriacontane (C32)	18.917	7659402	52.758 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7820447	58.024 ug/ml
20) T n-Hexatriacontane (C36)	20.445	7657409	64.444 ug/ml
21) T n-Octatriacontane (C38)	21.187	7754197	69.898 ug/ml
22) T n-Tetracontane (C40)	22.107	7535153	69.695 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167227BS
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ALS Vial : 12 Sample Multiplier: 1

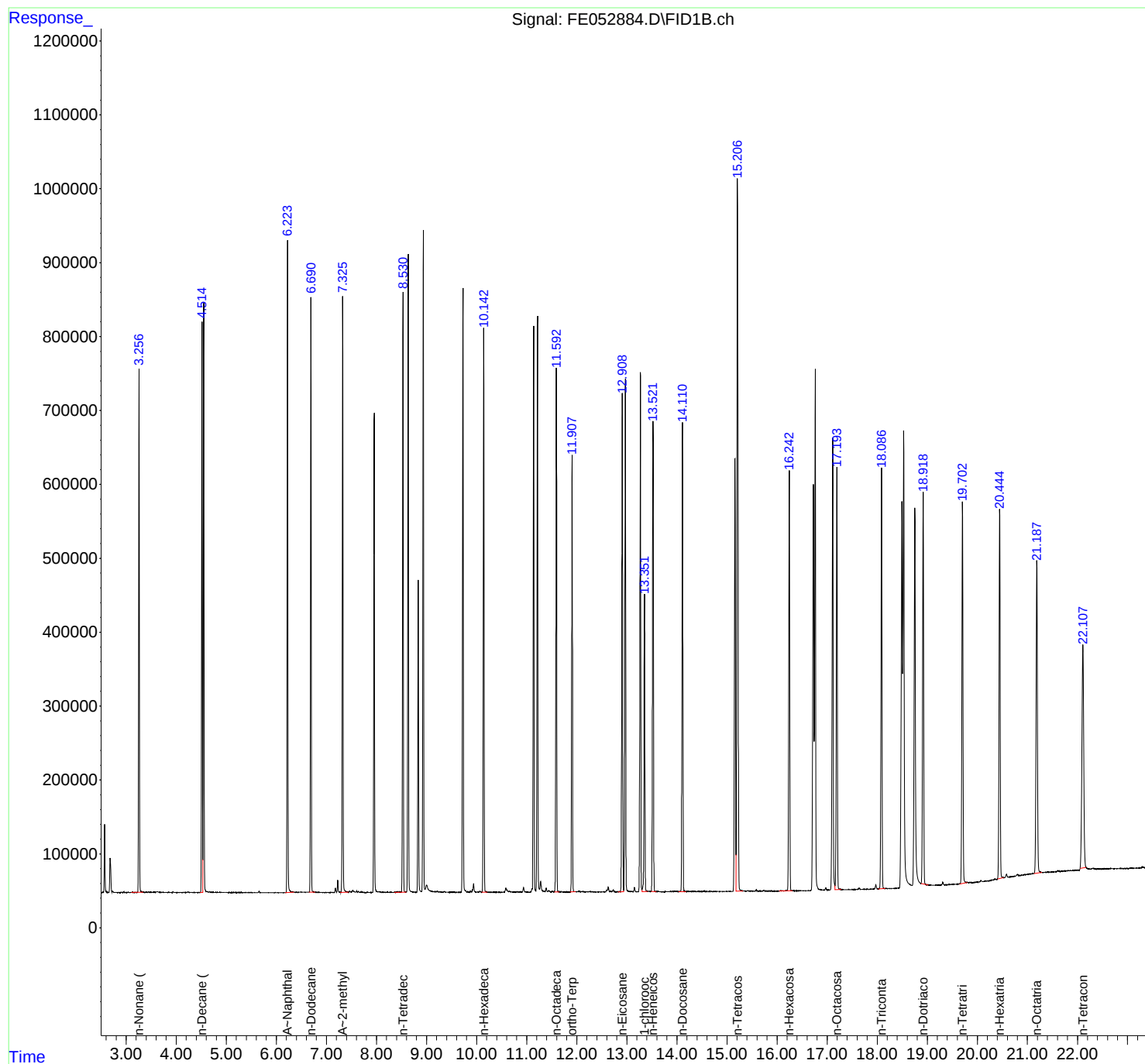
Instrument :
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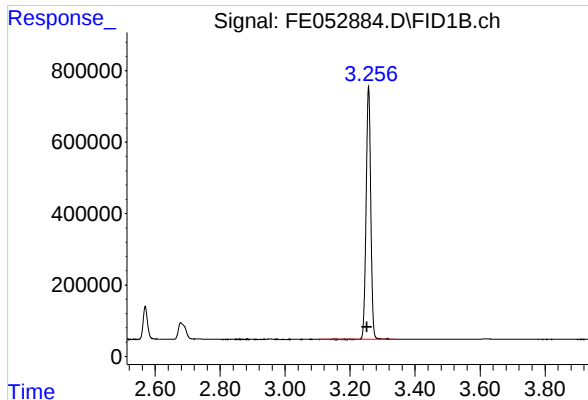
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.005 min
Response: 7043993
Conc: 45.43 ug/ml

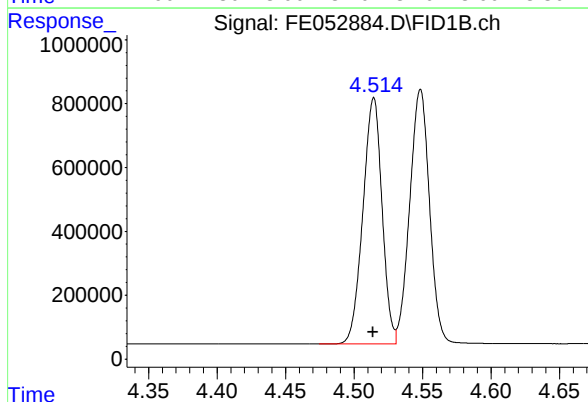
Instrument :

FID_E

ClientSampleId :
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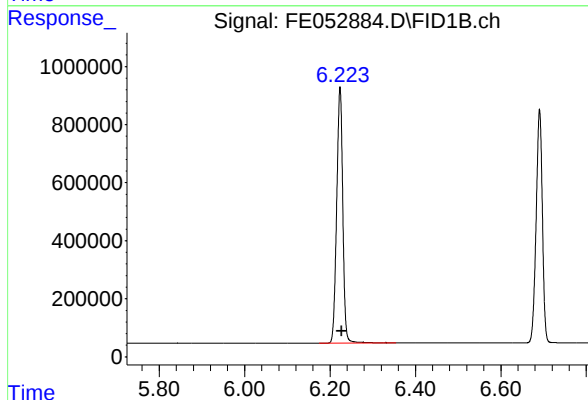
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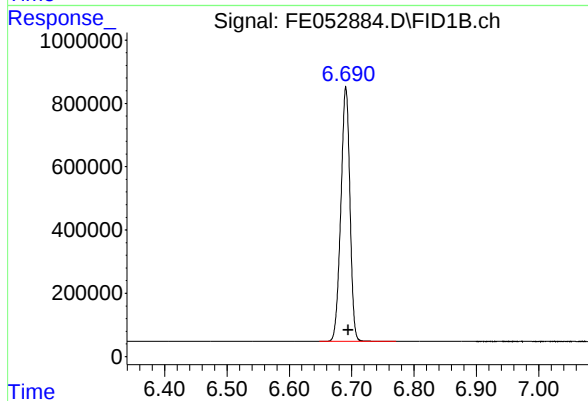
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 7486478
Conc: 47.66 ug/ml



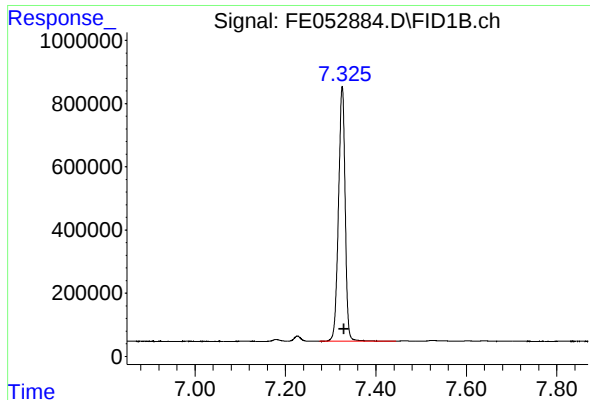
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 8729884
Conc: 51.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 8120170
Conc: 52.15 ug/ml



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

R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 8249053
Conc: 50.90 ug/ml

Instrument :

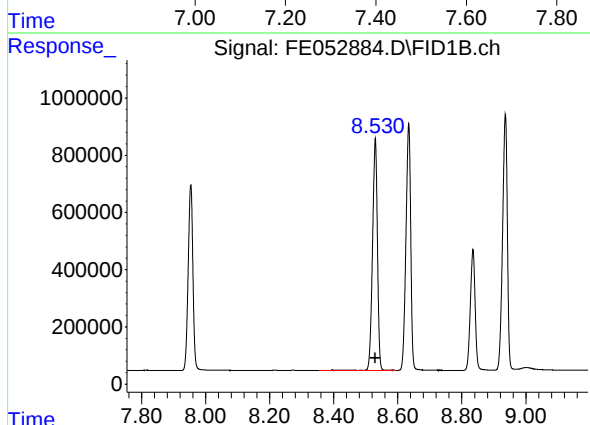
FID_E

ClientSampleId :

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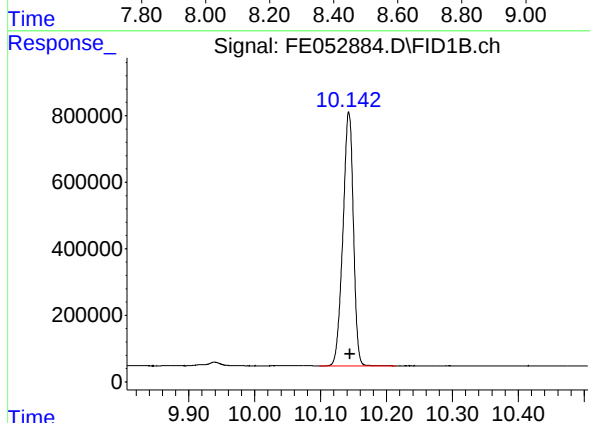
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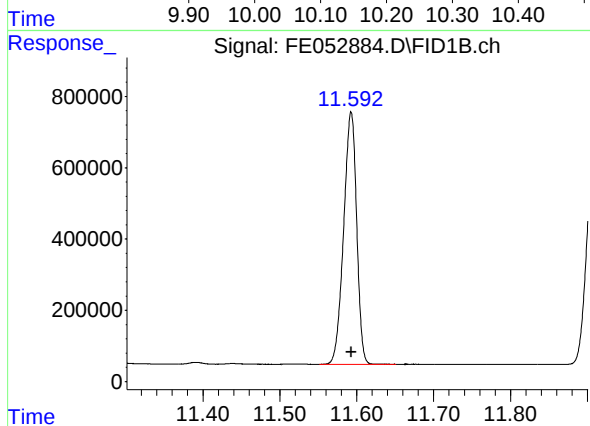
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.001 min
Response: 8580100
Conc: 56.71 ug/ml



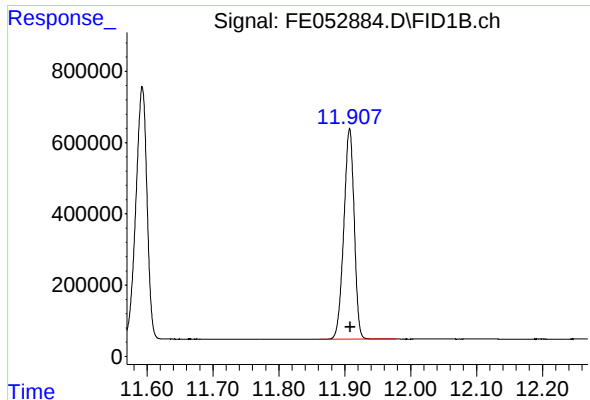
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.002 min
Response: 8421622
Conc: 55.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 8287728
Conc: 54.47 ug/ml



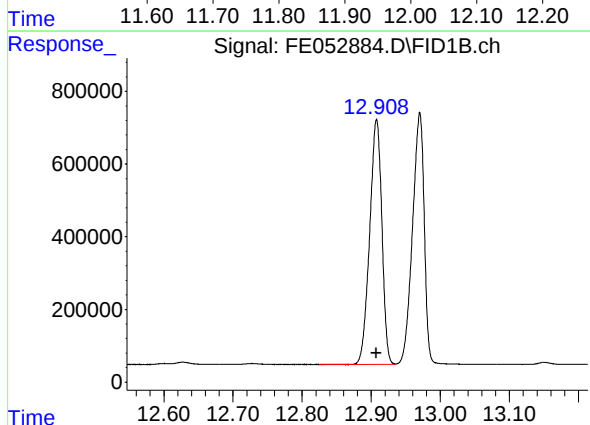
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.001 min
Response: 6465765
Conc: 38.35 ug/ml

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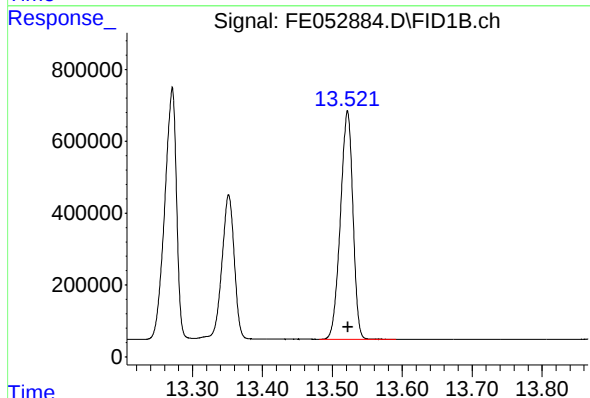
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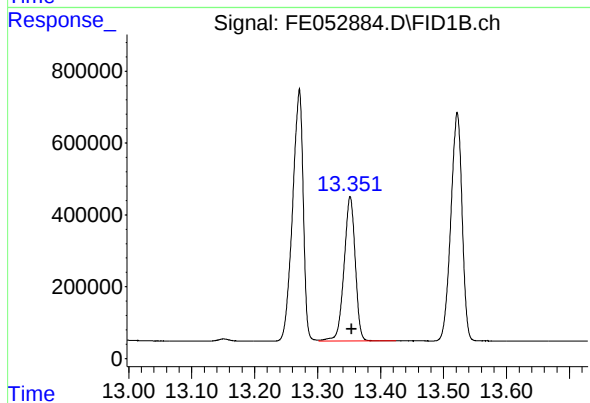
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 8270444
Conc: 56.97 ug/ml



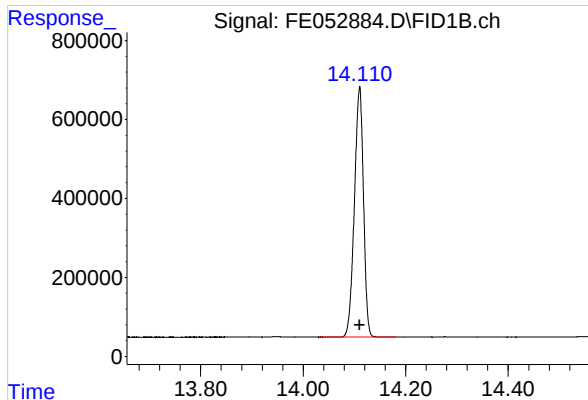
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 7886711
Conc: 55.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 4963051
Conc: 40.87 ug/ml



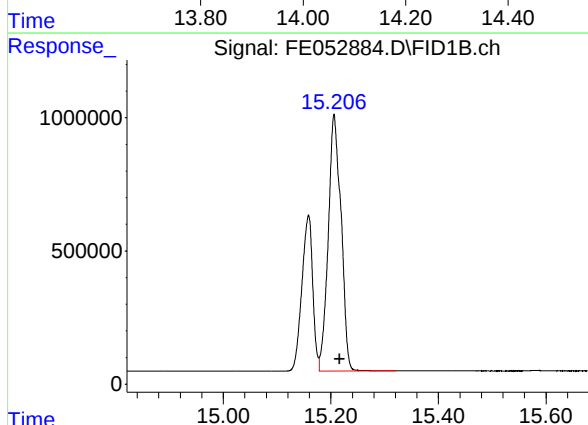
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 7808428
Conc: 54.87 ug/ml

Instrument :
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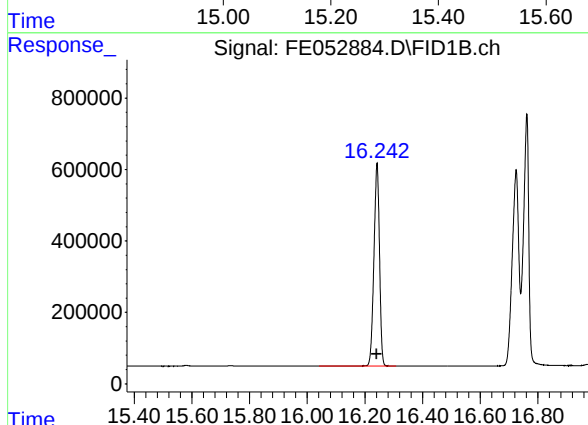
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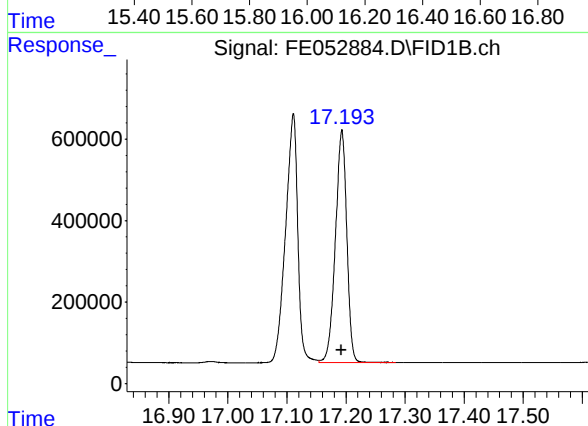
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.010 min
Response: 15910253
Conc: 111.18 ug/ml



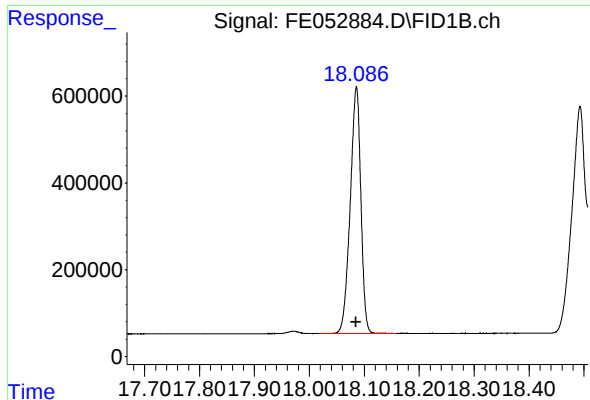
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.001 min
Response: 7582113
Conc: 53.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: 0.000 min
Response: 7652088
Conc: 53.81 ug/ml



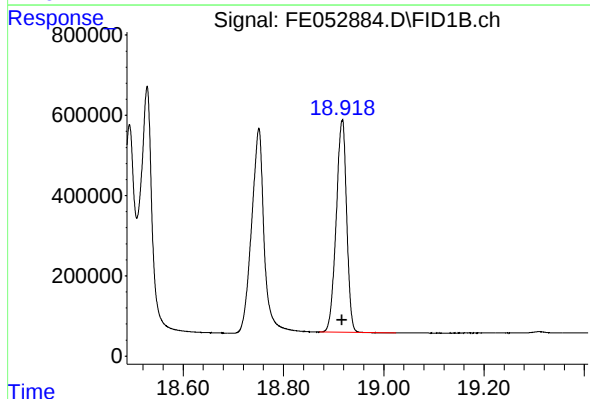
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: 0.000 min
Response: 7652009
Conc: 51.81 ug/ml

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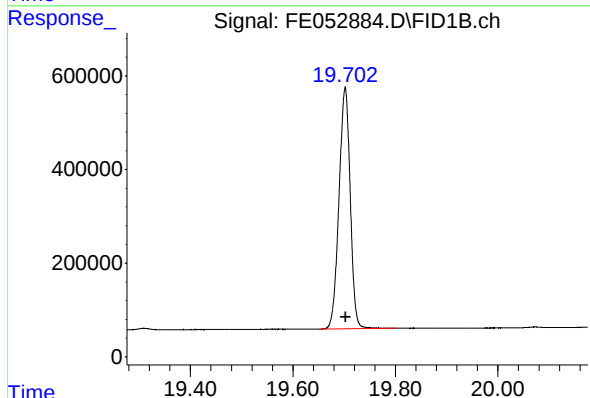
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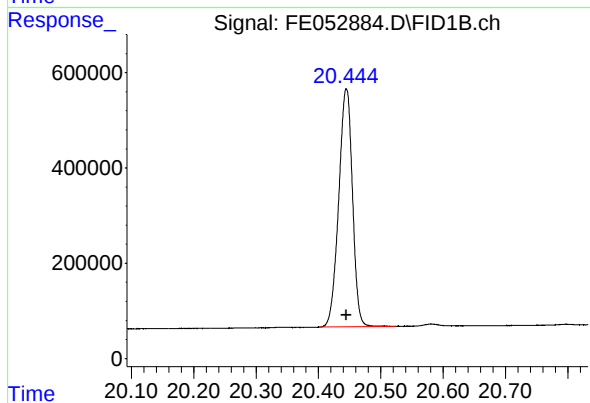
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 7659402
Conc: 52.76 ug/ml



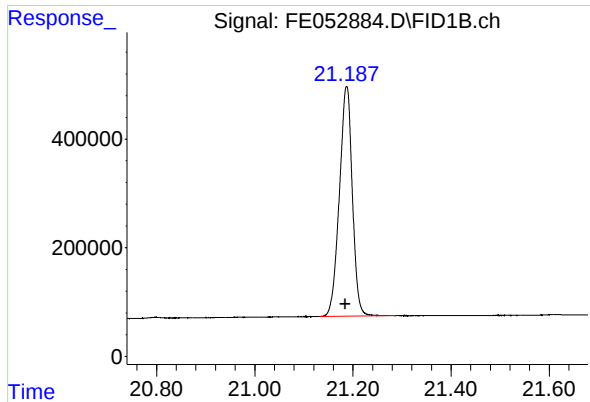
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 7820447
Conc: 58.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 7657409
Conc: 64.44 ug/ml



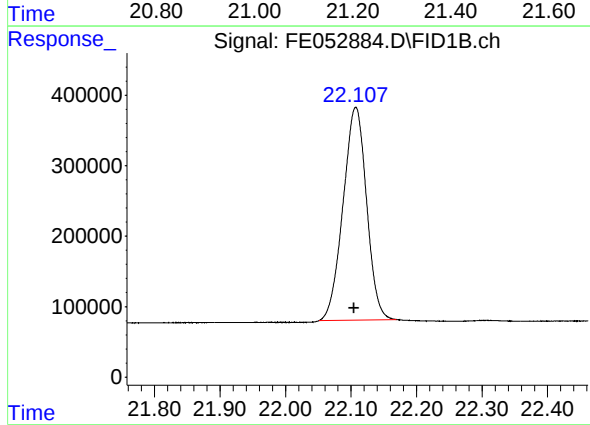
#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.002 min
Response: 7754197
Conc: 69.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.003 min
Response: 7535153
Conc: 69.70 ug/ml m