

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052885.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 14:09
 Operator : YP\AJ
 Sample : PB167227BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167227BSD

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 23:21:40 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	6265715	37.166 ug/ml
Spiked Amount 50.000		Recovery =	74.33%
12) S 1-chlorooctadecane (S...	13.352	4812213	39.631 ug/ml
Spiked Amount 50.000		Recovery =	79.26%
Target Compounds			
1) T n-Nonane (C9)	3.257	6783665	43.751 ug/ml
2) T n-Decane (C10)	4.515	7208863	45.888 ug/ml
3) T A~Naphthalene (C11.7)	6.224	8402279	49.544 ug/ml
4) T n-Dodecane (C12)	6.691	7825305	50.259 ug/ml
5) T A~2-methylnaphthalene...	7.326	7961362	49.127 ug/ml
6) T n-Tetradecane (C14)	8.530	8243766	54.483 ug/ml
7) T n-Hexadecane (C16)	10.143	8132700	53.194 ug/ml
8) T n-Octadecane (C18)	11.593	8021943	52.727 ug/ml
10) T n-Eicosane (C20)	12.908	8016332	55.219 ug/ml
11) T n-Heneicosane (C21)	13.521	7645429	53.717 ug/ml
13) T n-Docosane (C22)	14.109	7572129	53.209 ug/ml
14) T n-Tetracosane (C24)	15.206	15408662	107.671 ug/ml
15) T n-Hexacosane (C26)	16.242	7348444	51.679 ug/ml
16) T n-Octacosane (C28)	17.192	7404472	52.073 ug/ml
17) T n-Tricontane (C30)	18.084	7409675	50.167 ug/ml
18) T n-Dotriacontane (C32)	18.917	7428452	51.167 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7604111	56.419 ug/ml
20) T n-Hexatriacontane (C36)	20.444	7438471	62.601 ug/ml
21) T n-Octatriacontane (C38)	21.185	7537357	67.943 ug/ml
22) T n-Tetracontane (C40)	22.106	7513697	69.497 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167227BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

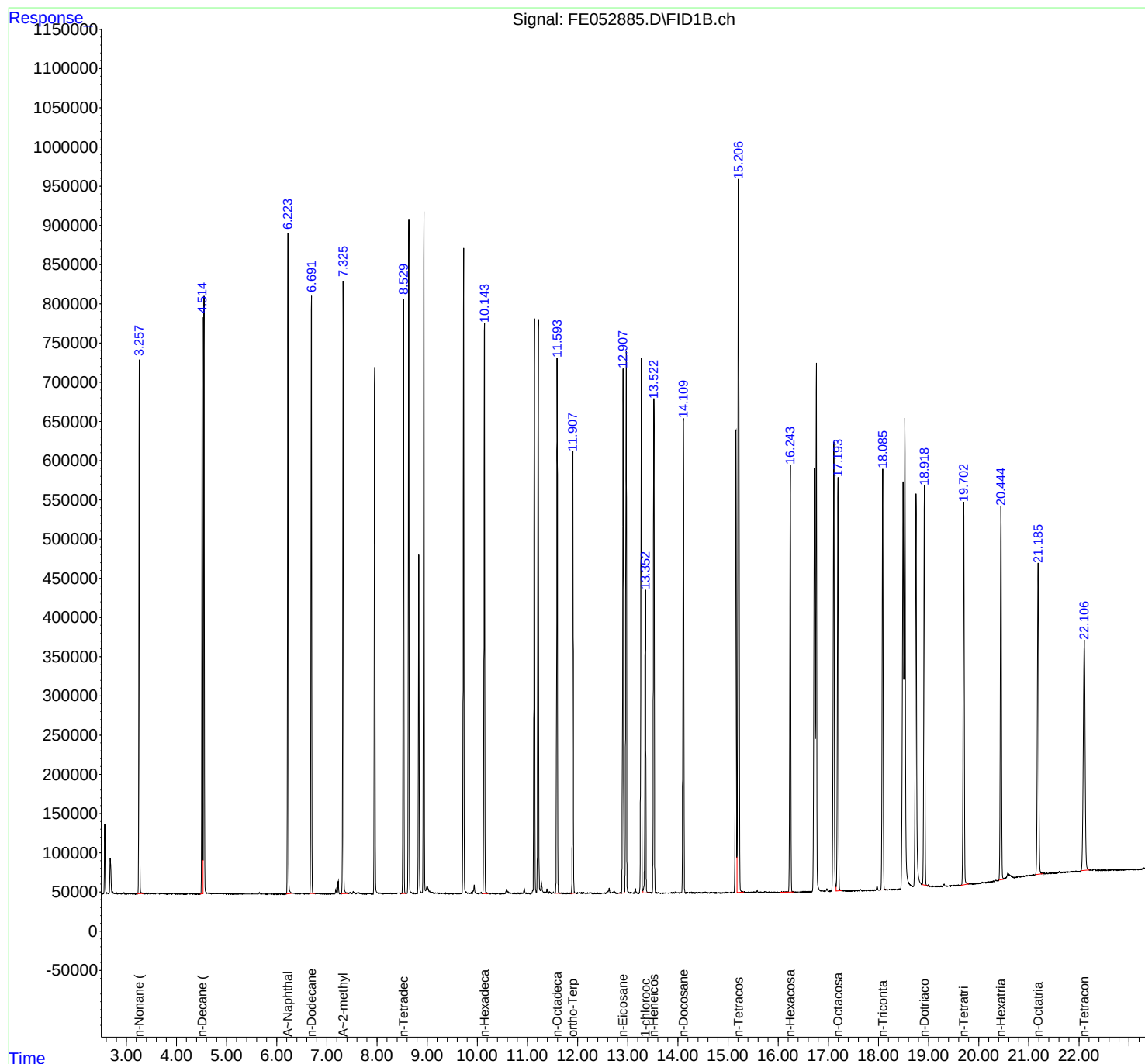
Instrument :
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ClientSampleId :
PB167227BSD

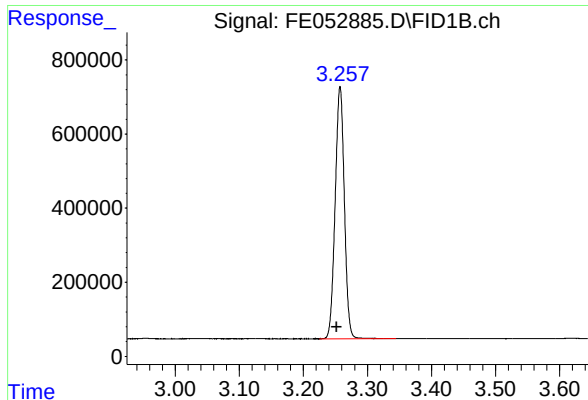
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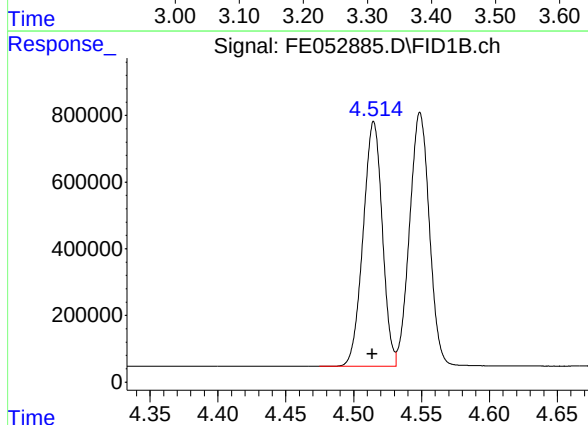
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.005 min
Response: 6783665
Conc: 43.75 ug/ml

Instrument :
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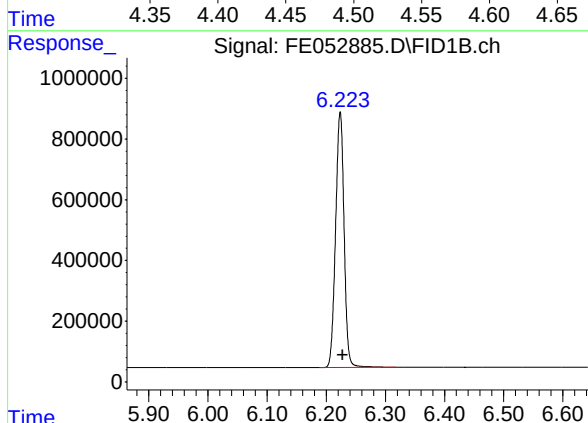
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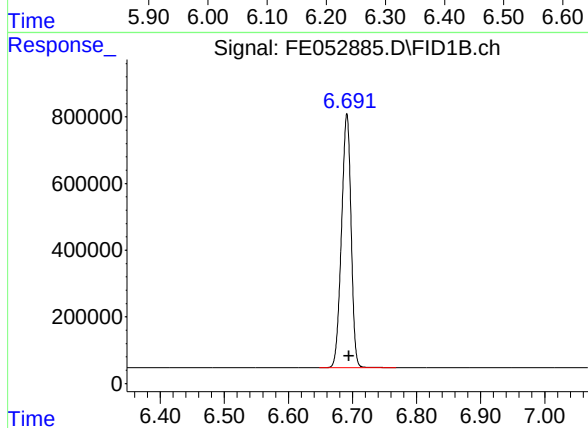
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 7208863
Conc: 45.89 ug/ml



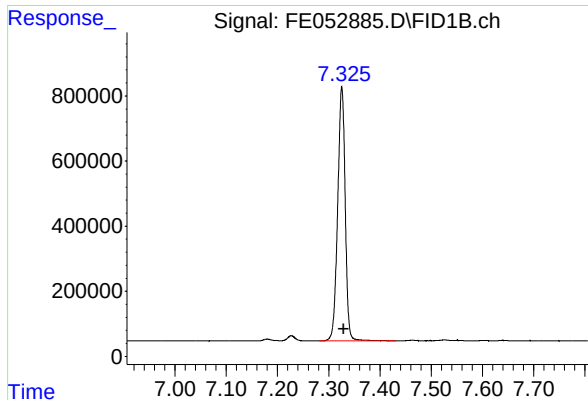
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 8402279
Conc: 49.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 7825305
Conc: 50.26 ug/ml



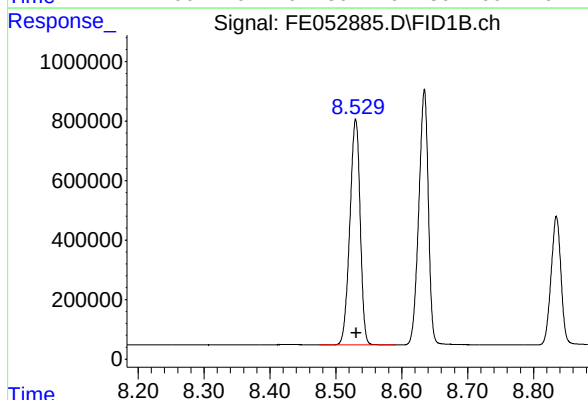
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 7961362
Conc: 49.13 ug/ml

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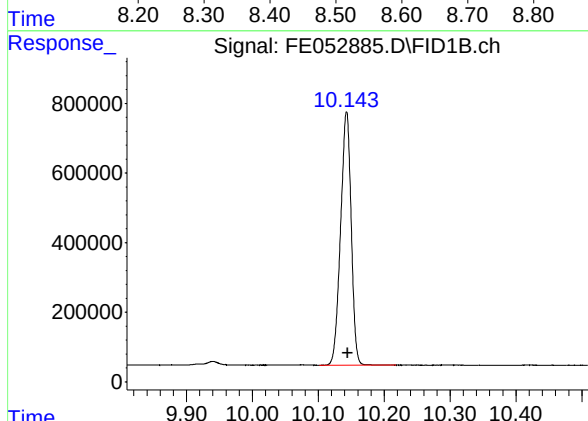
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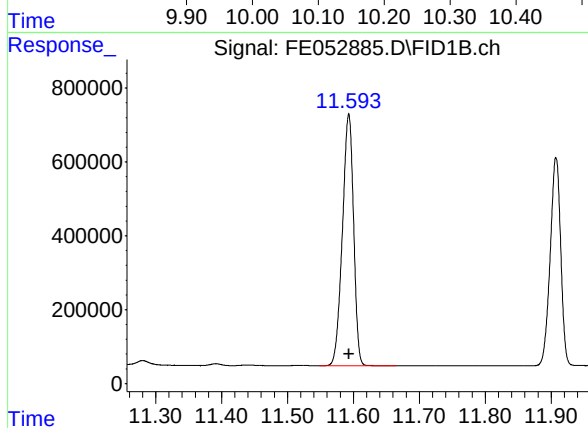
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 8243766
Conc: 54.48 ug/ml



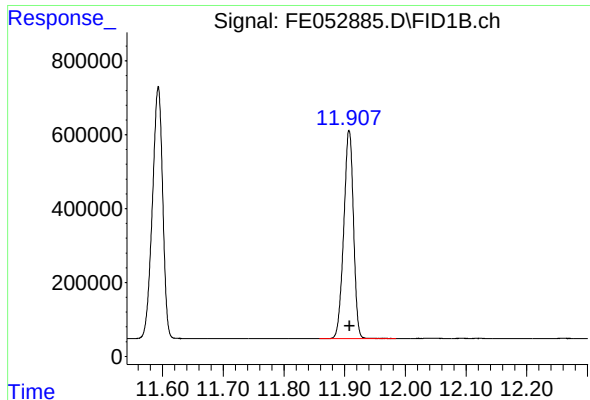
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.002 min
Response: 8132700
Conc: 53.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 8021943
Conc: 52.73 ug/ml



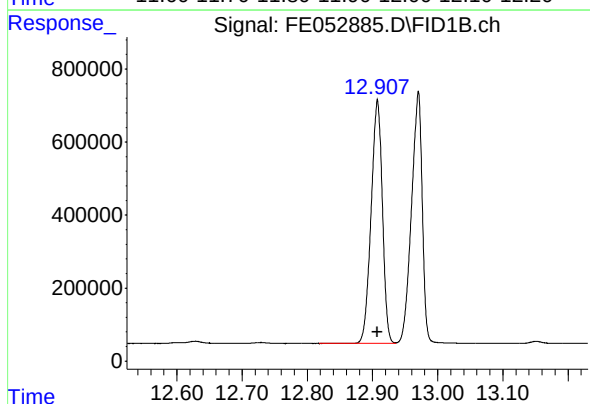
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.001 min
Response: 6265715
Conc: 37.17 ug/ml

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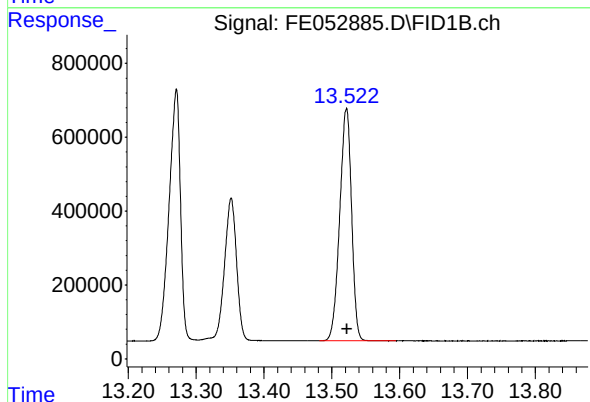
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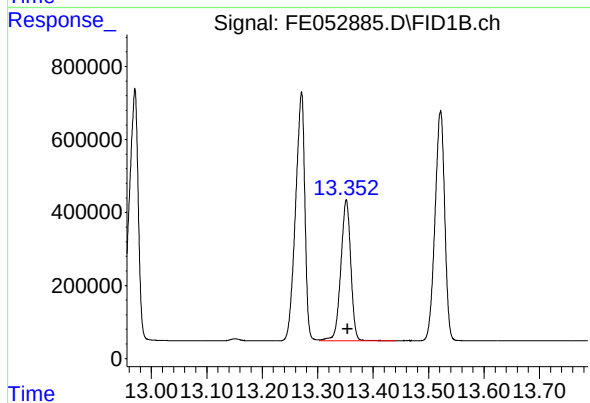
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 8016332
Conc: 55.22 ug/ml



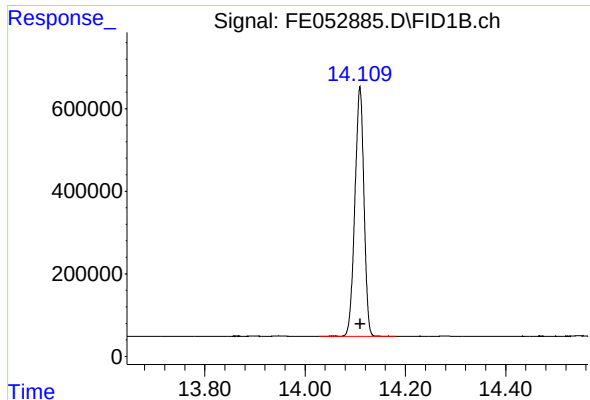
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 7645429
Conc: 53.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.003 min
Response: 4812213
Conc: 39.63 ug/ml



#13 n-Docosane (C22)

R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 7572129
Conc: 53.21 ug/ml

Instrument :

FID_E

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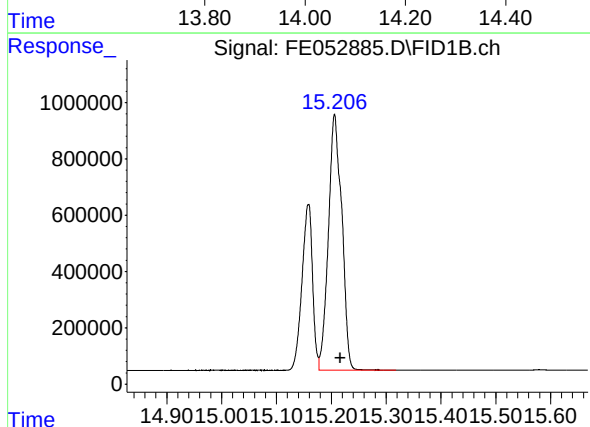
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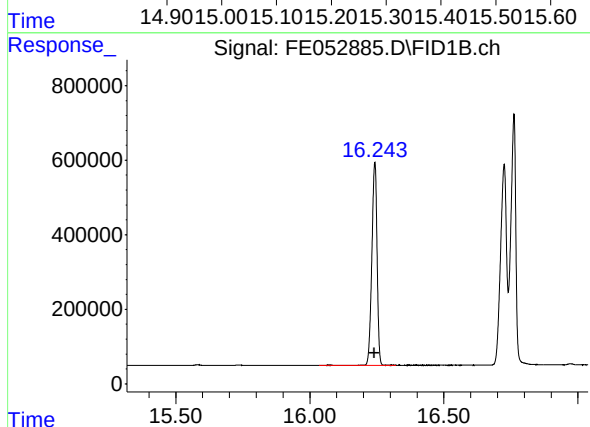
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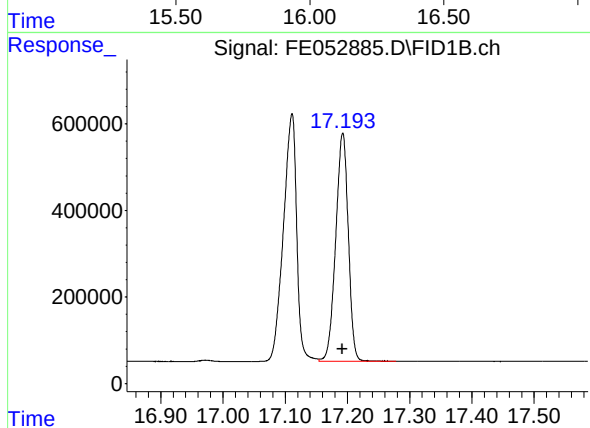
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.010 min
Response: 15408662
Conc: 107.67 ug/ml



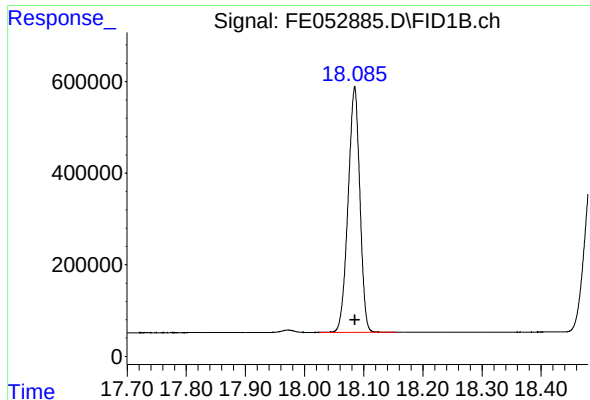
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.002 min
Response: 7348444
Conc: 51.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 7404472
Conc: 52.07 ug/ml



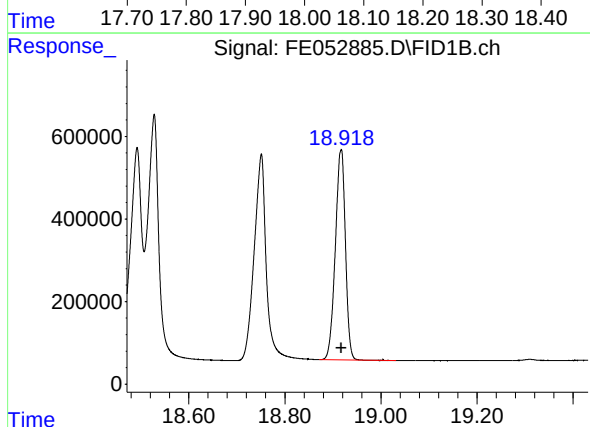
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 7409675
Conc: 50.17 ug/ml

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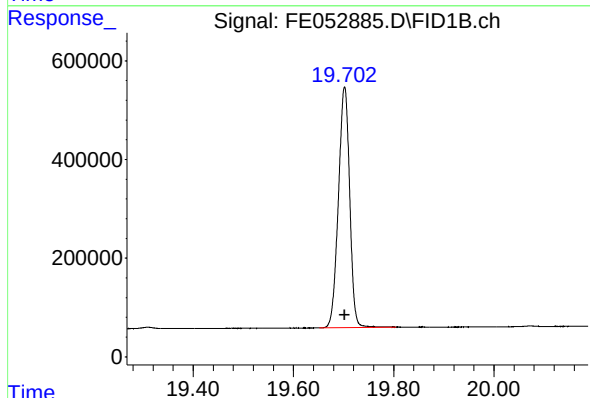
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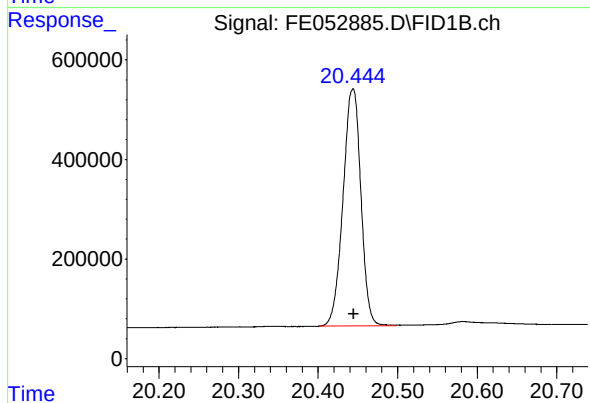
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 7428452
Conc: 51.17 ug/ml



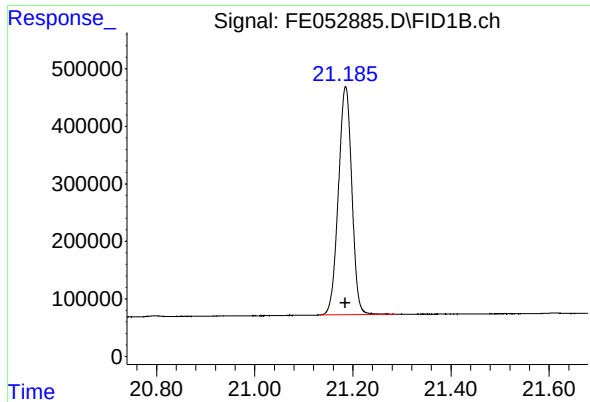
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 7604111
Conc: 56.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.001 min
Response: 7438471
Conc: 62.60 ug/ml



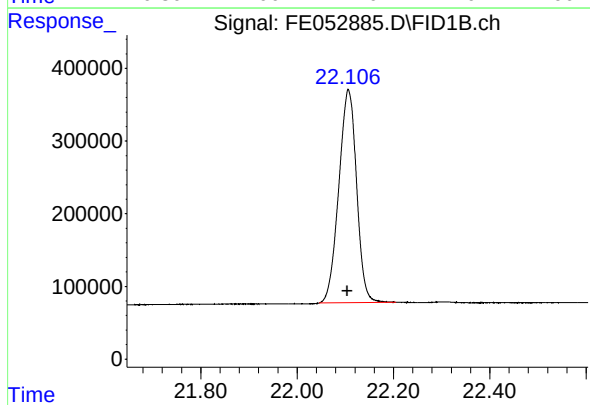
#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: 0.000 min
Response: 7537357
Conc: 67.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.001 min
Response: 7513697
Conc: 69.50 ug/ml m