

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053585.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 14:12
 Operator : YP\AJ
 Sample : PB167797BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167797BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e

Quant Time: May 01 01:46:34 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 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)	11.869	6128438	33.979 ug/ml
Spiked Amount 50.000		Recovery =	67.96%
12) S 1-chlorooctadecane (S...	13.314	4847196	35.859 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
Target Compounds			
1) T n-Nonane (C9)	3.221	4624256	33.728 ug/ml
2) T n-Decane (C10)	4.479	4811220	34.779 ug/mlm
3) T A~Naphthalene (C11.7)	6.189	5657410	37.480 ug/ml
4) T n-Dodecane (C12)	6.657	5037881	35.921 ug/ml
5) T A~2-methylnaphthalene...	7.290	5242830	35.115 ug/ml
6) T n-Tetradecane (C14)	8.494	5418565	38.624 ug/ml
7) T n-Hexadecane (C16)	10.106	5710793	39.846 ug/ml
8) T n-Octadecane (C18)	11.555	5797668	39.783 ug/mlm
10) T n-Eicosane (C20)	12.869	5900713	40.551 ug/ml
11) T n-Heneicosane (C21)	13.482	5636230	38.912 ug/ml
13) T n-Docosane (C22)	14.070	5570282	38.601 ug/ml
14) T n-Tetracosane (C24)	15.166	11484750	79.955 ug/ml
15) T n-Hexacosane (C26)	16.200	5375181	37.953 ug/ml
16) T n-Octacosane (C28)	17.150	5616731	40.372 ug/ml
17) T n-Tricontane (C30)	18.042	5220257	37.503 ug/ml
18) T n-Dotriacontane (C32)	18.875	4928016	35.890 ug/ml
19) T n-Tetratriacontane (C34)	19.661	4560949	35.005 ug/ml
20) T n-Hexatriacontane (C36)	20.403	3756345	29.754 ug/ml
21) T n-Octatriacontane (C38)	21.138	3239069	26.587 ug/ml
22) T n-Tetracontane (C40)	22.042	2861594	23.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167797BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

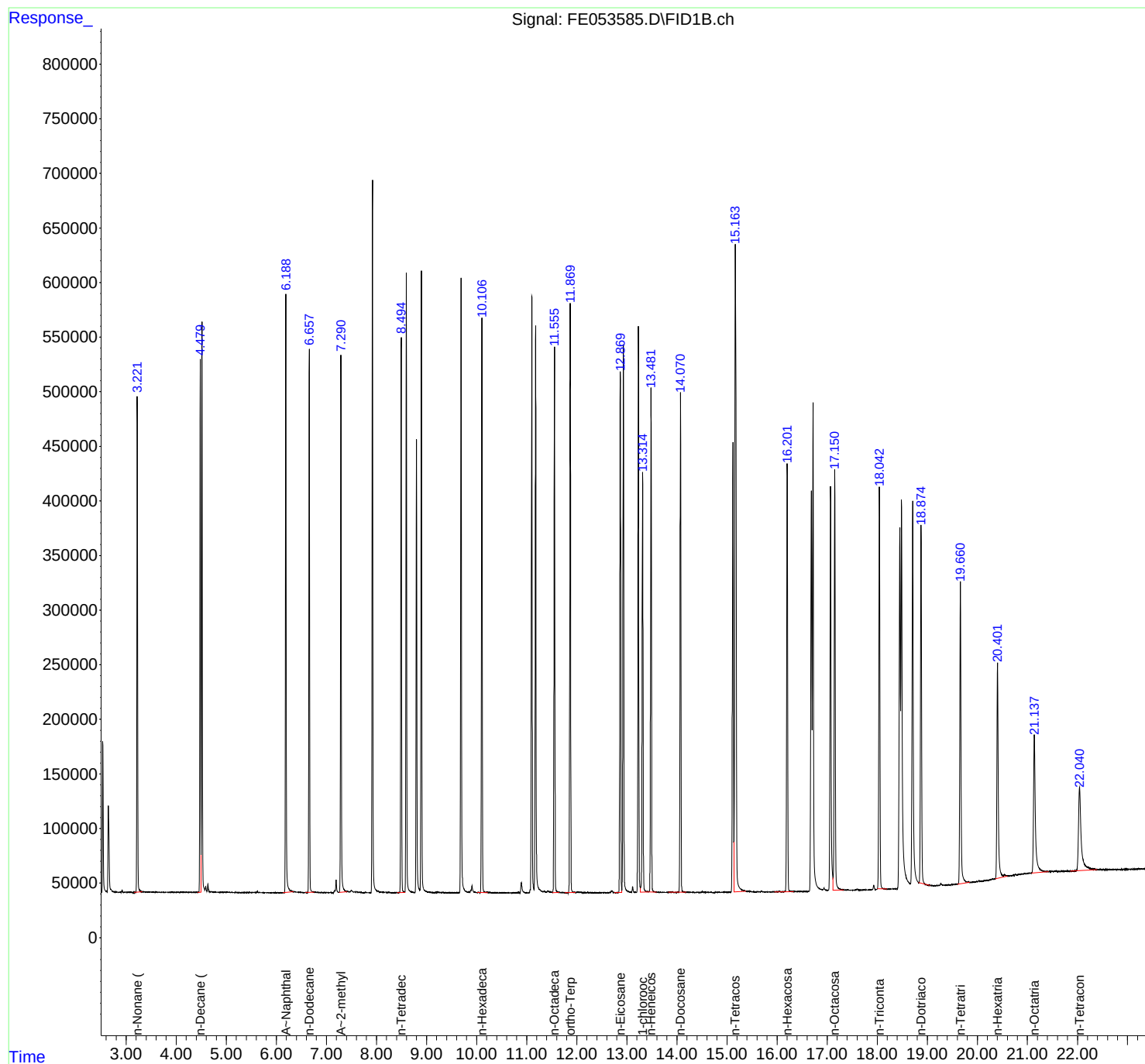
Instrument :
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ClientSampleId :
PB167797BS

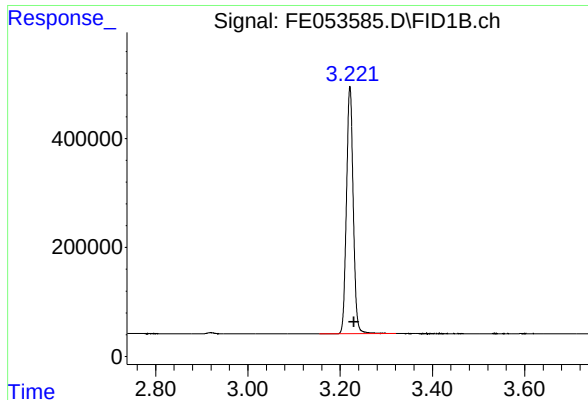
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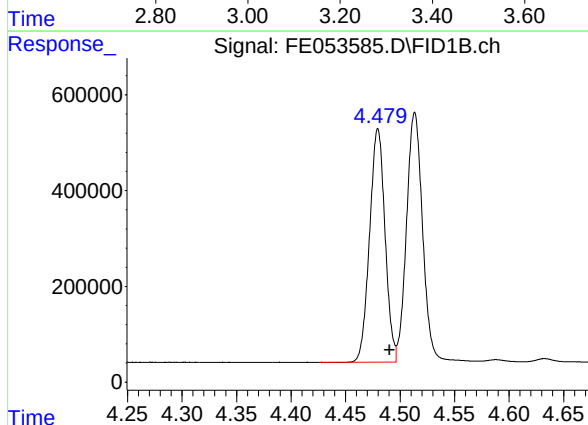
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.009 min
Response: 4624256
Conc: 33.73 ug/ml

Instrument :
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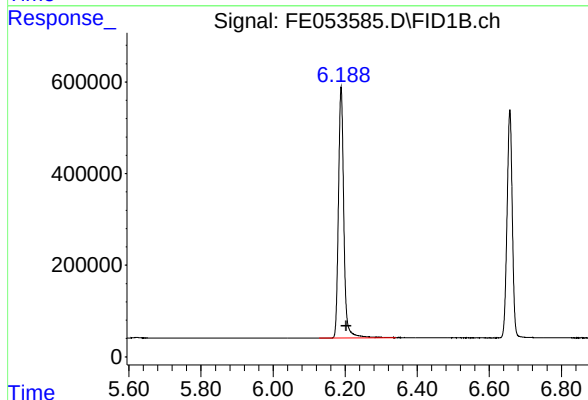
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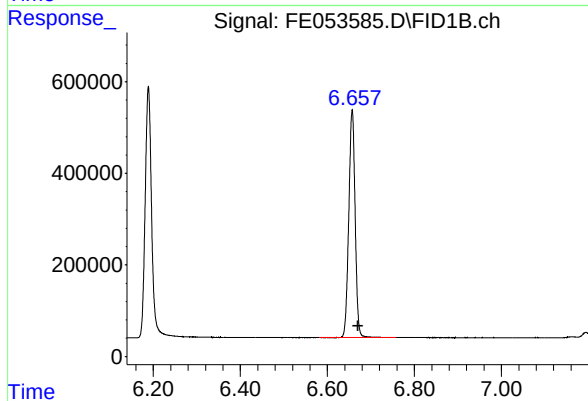
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.011 min
Response: 4811220
Conc: 34.78 ug/ml



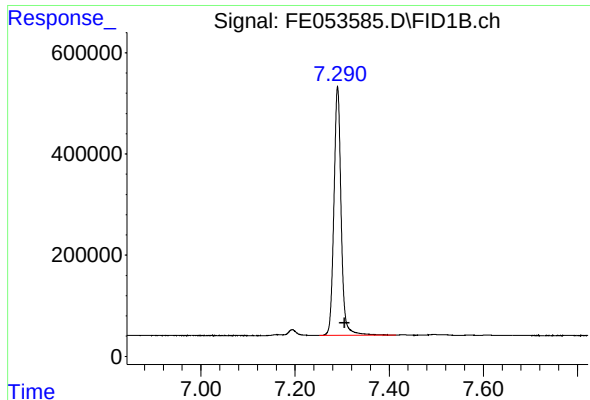
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.015 min
Response: 5657410
Conc: 37.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: -0.014 min
Response: 5037881
Conc: 35.92 ug/ml



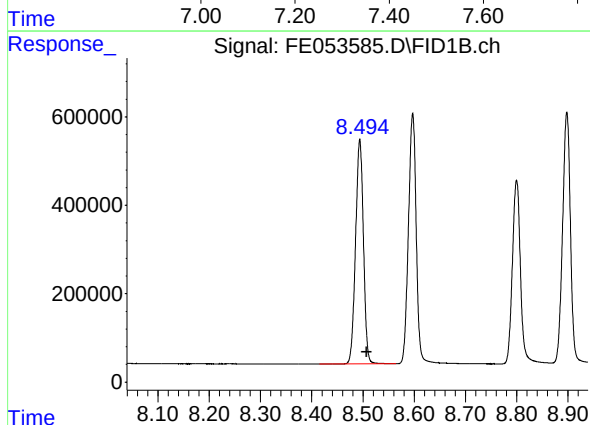
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.290 min
Delta R.T.: -0.015 min
Response: 5242830
Conc: 35.12 ug/ml

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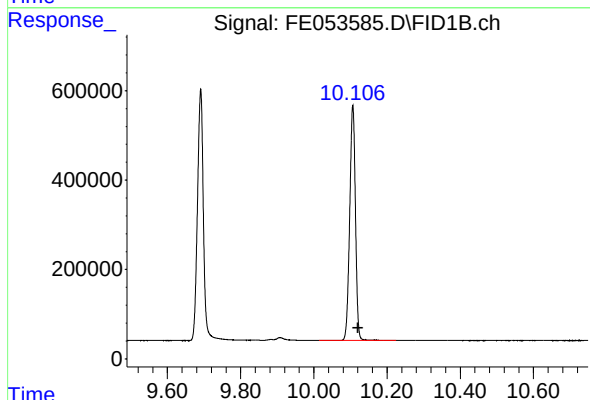
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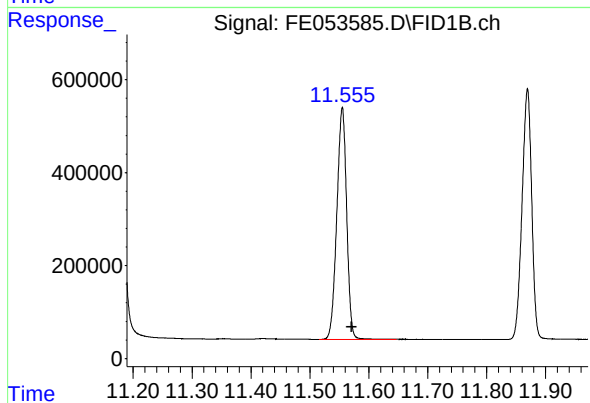
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.014 min
Response: 5418565
Conc: 38.62 ug/ml



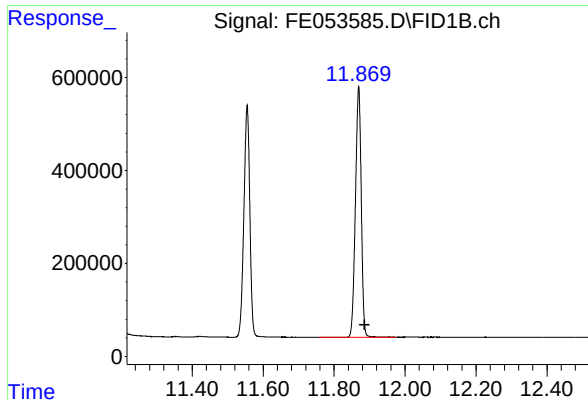
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: -0.015 min
Response: 5710793
Conc: 39.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.016 min
Response: 5797668
Conc: 39.78 ug/ml m



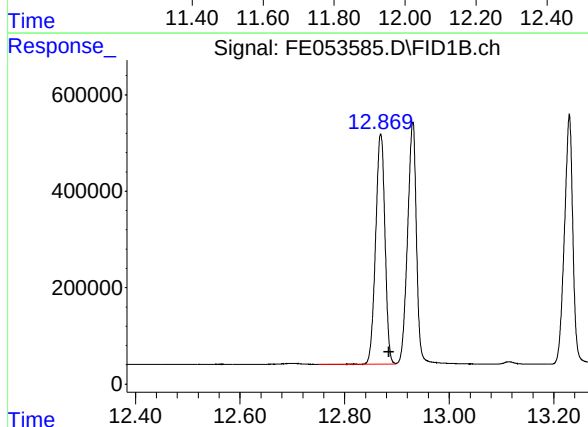
#9 ortho-Terphenyl (SURR)

R.T.: 11.869 min
Delta R.T.: -0.017 min
Response: 6128438
Conc: 33.98 ug/ml

Instrument :
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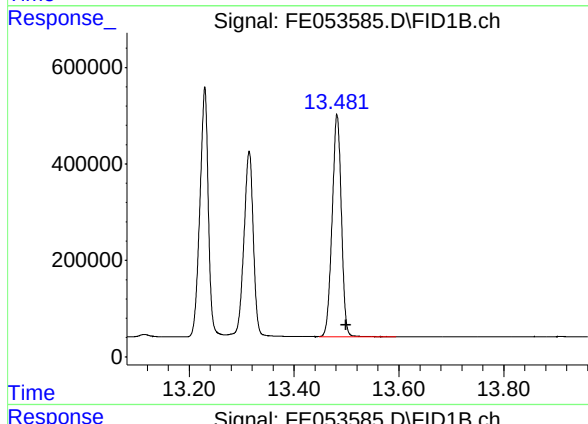
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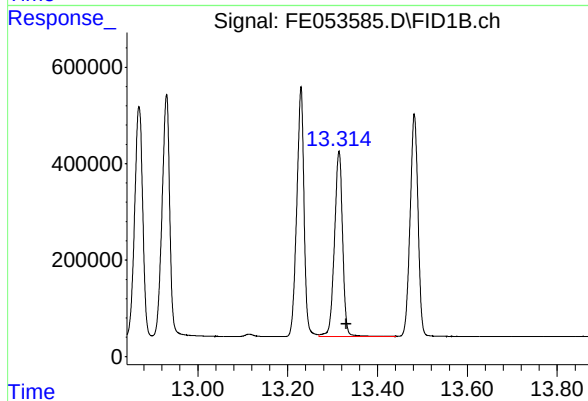
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.016 min
Response: 5900713
Conc: 40.55 ug/ml



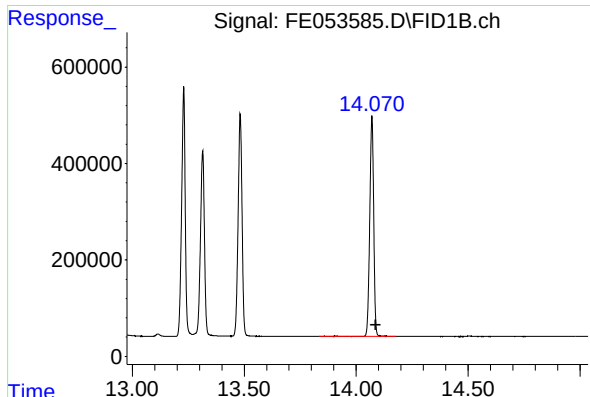
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.017 min
Response: 5636230
Conc: 38.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.017 min
Response: 4847196
Conc: 35.86 ug/ml



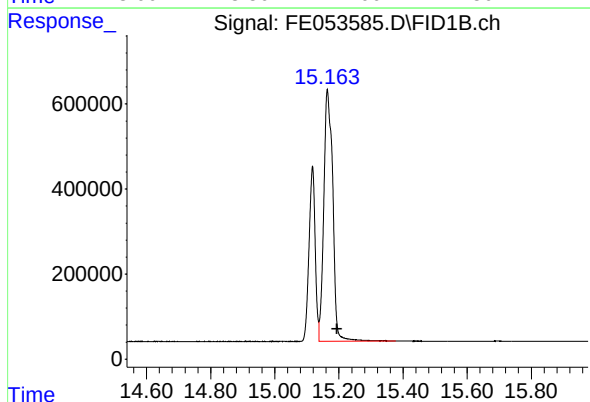
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.018 min
Response: 5570282
Conc: 38.60 ug/ml

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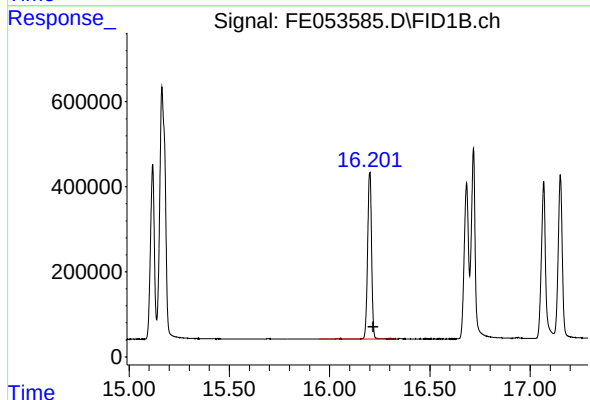
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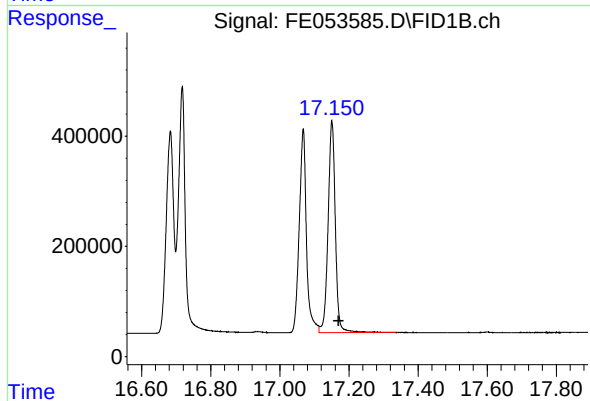
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.028 min
Response: 11484750
Conc: 79.95 ug/ml



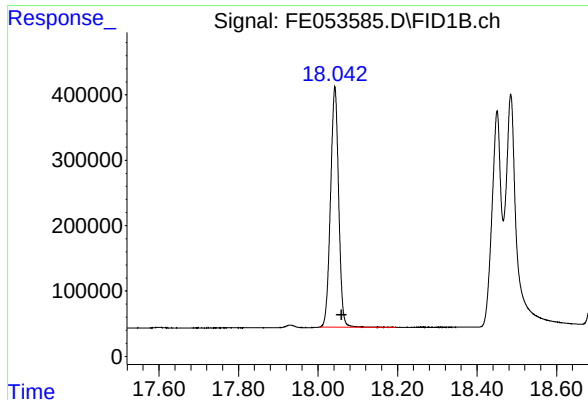
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.018 min
Response: 5375181
Conc: 37.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 5616731
Conc: 40.37 ug/ml



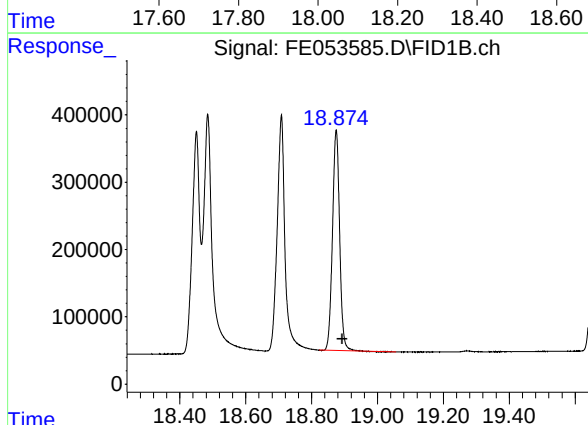
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.018 min
Response: 5220257
Conc: 37.50 ug/ml

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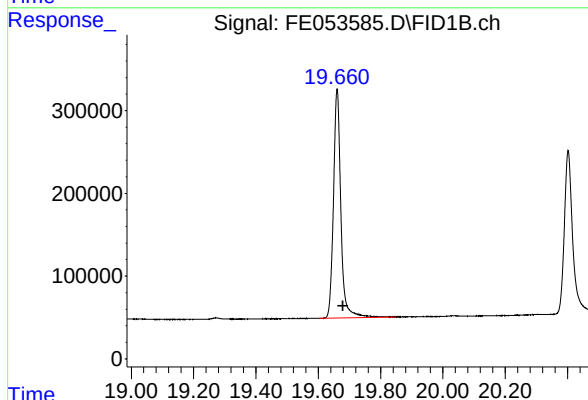
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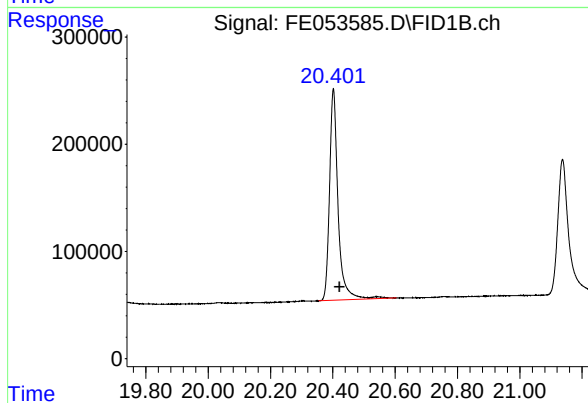
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.019 min
Response: 4928016
Conc: 35.89 ug/ml



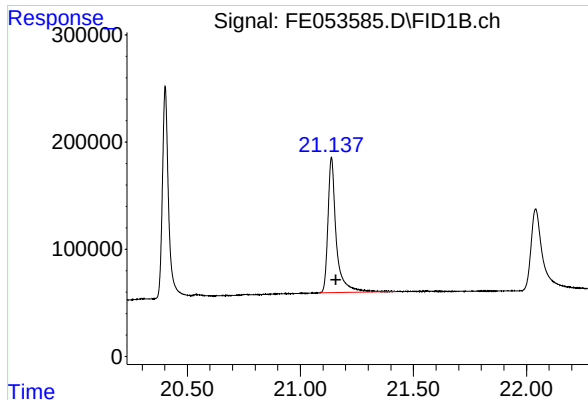
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.019 min
Response: 4560949
Conc: 35.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.403 min
Delta R.T.: -0.019 min
Response: 3756345
Conc: 29.75 ug/ml



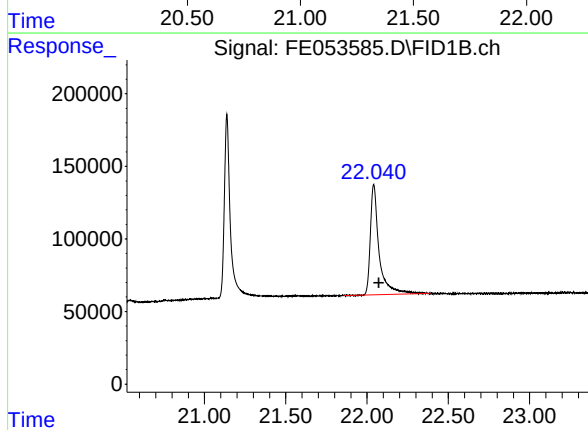
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.020 min
Response: 3239069
Conc: 26.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.032 min
Response: 2861594
Conc: 23.96 ug/ml