

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052749.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 23:12
 Operator : YP\AJ
 Sample : Q1535-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SU-03-03102025MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

Integration File: autoint1.e

Quant Time: Mar 12 02:15:20 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)	11.911	4714192	27.963 ug/ml
Spiked Amount 50.000		Recovery =	55.93%
12) S 1-chlorooctadecane (S...	13.355	3997144	32.918 ug/mlm
Spiked Amount 50.000		Recovery =	65.84%
Target Compounds			
1) T n-Nonane (C9)	3.251	4059731	26.183 ug/ml
2) T n-Decane (C10)	4.513	4457070	28.372 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5310393	31.313 ug/ml
4) T n-Dodecane (C12)	6.692	4937068	31.709 ug/ml
5) T A~2-methylnaphthalene...	7.327	5063165	31.243 ug/ml
6) T n-Tetradecane (C14)	8.531	5319483	35.156 ug/ml
7) T n-Hexadecane (C16)	10.145	5464184	35.740 ug/ml
8) T n-Octadecane (C18)	11.595	5400367	35.496 ug/ml
10) T n-Eicosane (C20)	12.911	5651209	38.927 ug/ml
11) T n-Heneicosane (C21)	13.525	5417071	38.060 ug/ml
13) T n-Docosane (C22)	14.114	5612786	39.441 ug/ml
14) T n-Tetracosane (C24)	15.209	11663683	81.502 ug/ml
15) T n-Hexacosane (C26)	16.247	5210867	36.646 ug/ml
16) T n-Octacosane (C28)	17.199	5596287	39.356 ug/ml
17) T n-Tricontane (C30)	18.091	5736862	38.841 ug/ml
18) T n-Dotriacontane (C32)	18.924	5015398	34.546 ug/mlm
19) T n-Tetratriacontane (C34)	19.711	5312723	39.418 ug/ml
20) T n-Hexatriacontane (C36)	20.453	4979993	41.911 ug/ml
21) T n-Octatriacontane (C38)	21.198	5013663	45.194 ug/mlm
22) T n-Tetracontane (C40)	22.123	5644497	52.208 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q1535-01MSD
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ALS Vial : 29 Sample Multiplier: 1

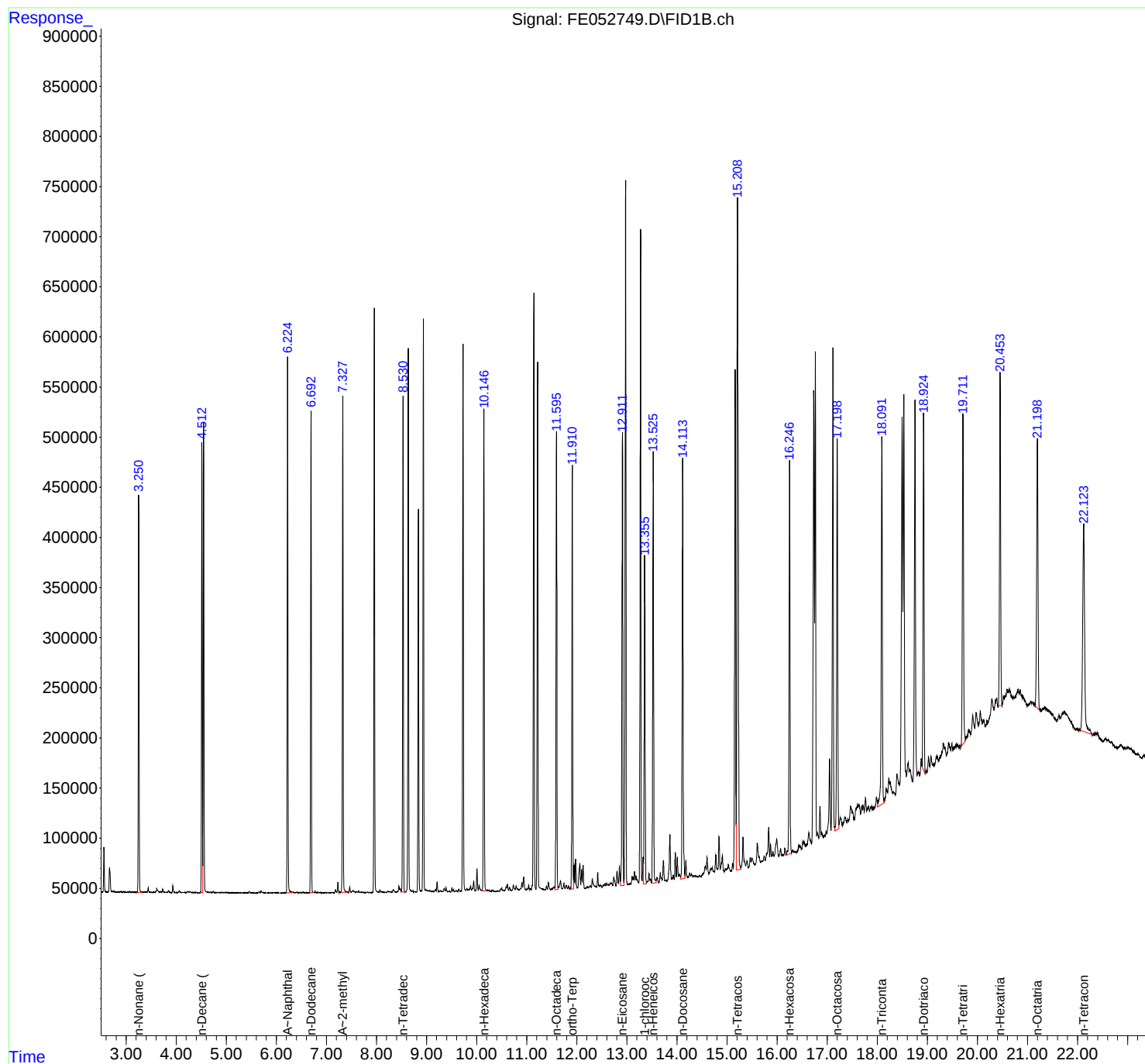
Instrument :
FID_E
ClientSampleId :
SU-03-03102025MSD

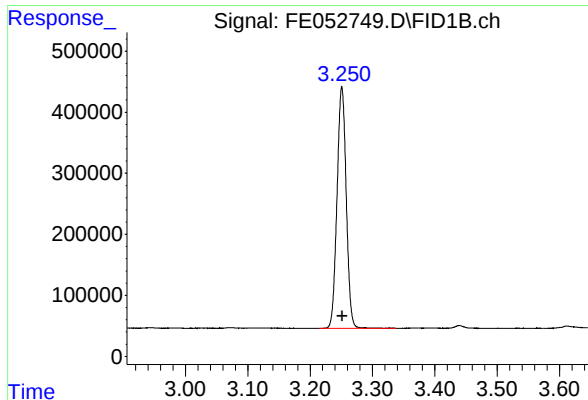
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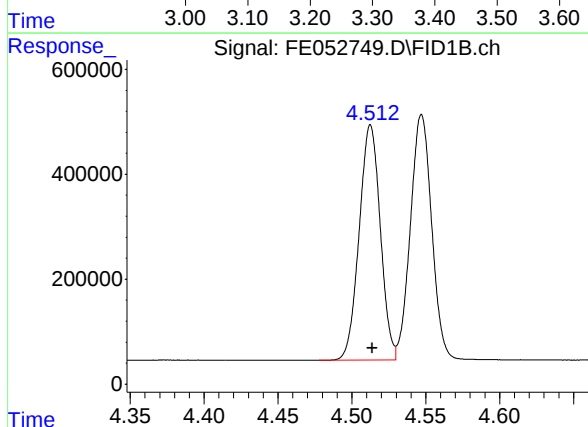
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 4059731
Conc: 26.18 ug/ml

Instrument :
FID_E
ClientSampleId :
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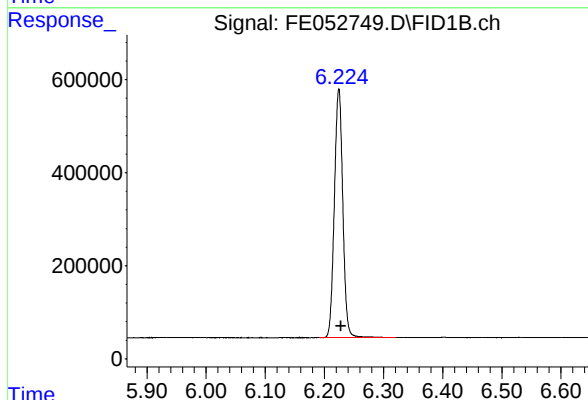
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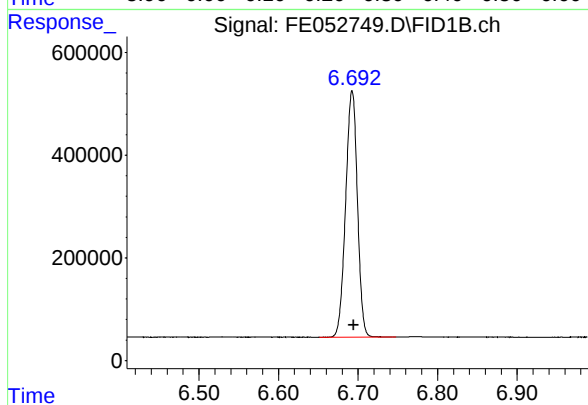
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 4457070
Conc: 28.37 ug/ml



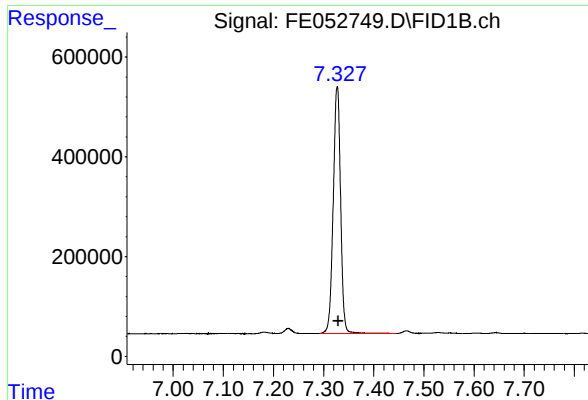
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5310393
Conc: 31.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 4937068
Conc: 31.71 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 5063165
Conc: 31.24 ug/ml

Instrument :

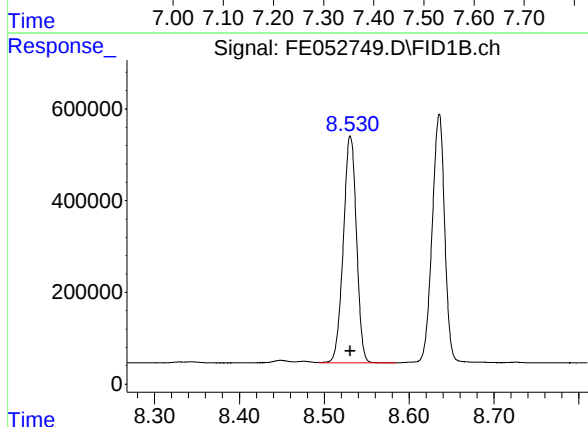
FID_E

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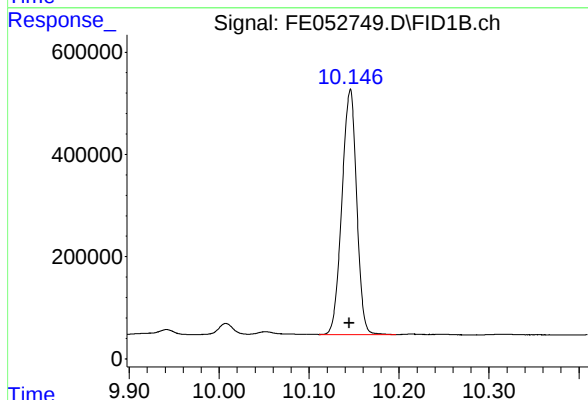
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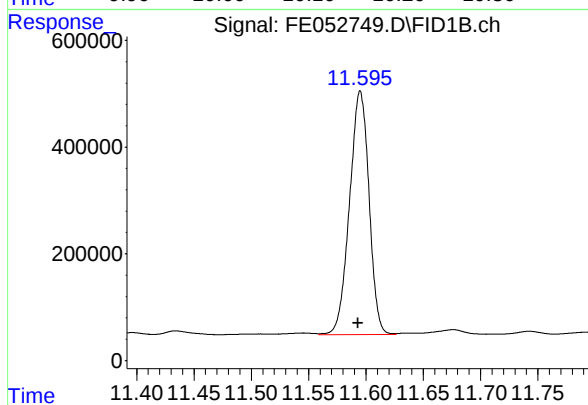
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 5319483
Conc: 35.16 ug/ml



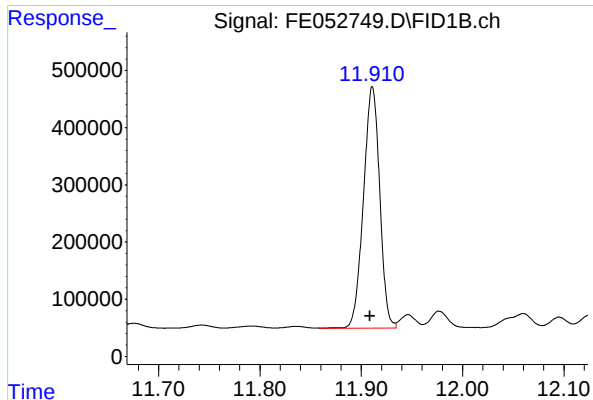
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 5464184
Conc: 35.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 5400367
Conc: 35.50 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: 0.002 min
Response: 4714192
Conc: 27.96 ug/ml

Instrument :

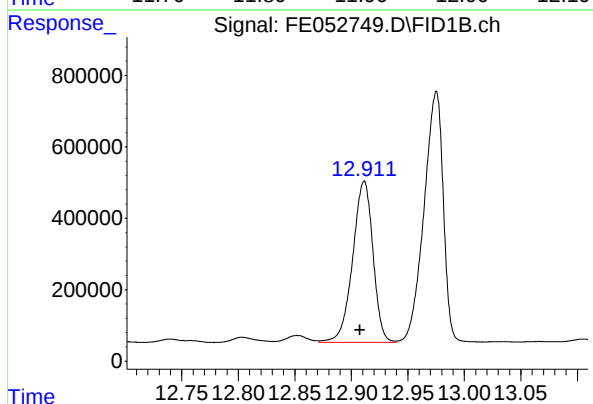
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ClientSampleId :

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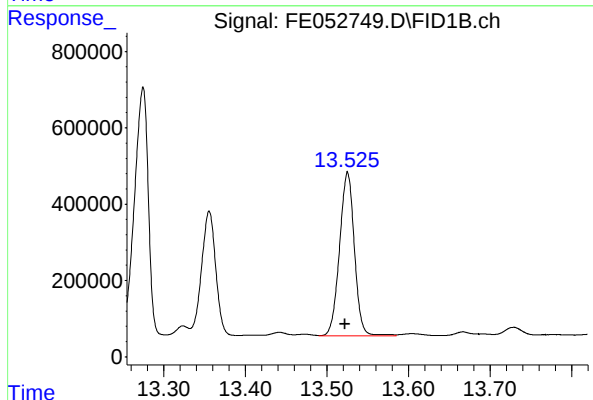
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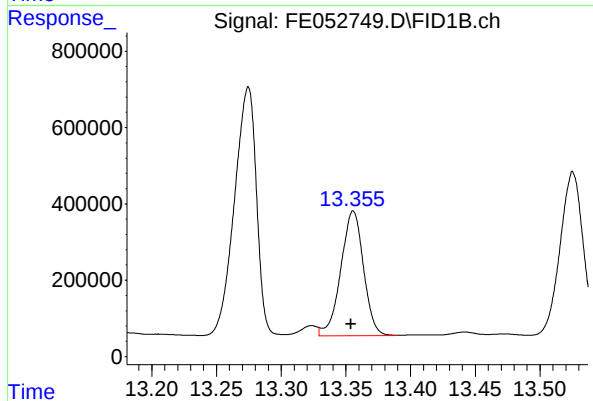
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.004 min
Response: 5651209
Conc: 38.93 ug/ml



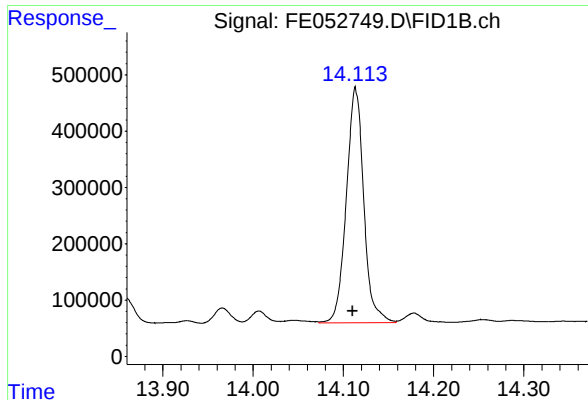
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 5417071
Conc: 38.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 3997144
Conc: 32.92 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: 0.003 min
Response: 5612786
Conc: 39.44 ug/ml

Instrument :

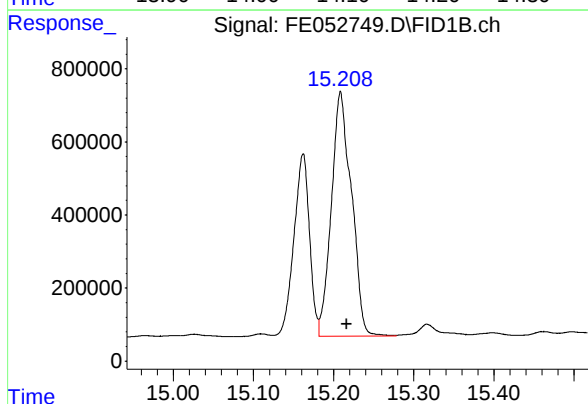
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ClientSampleId :

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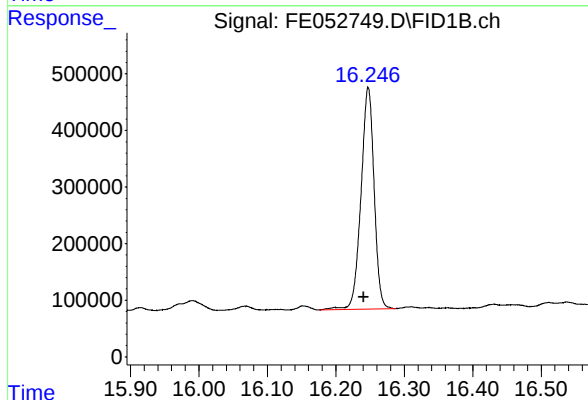
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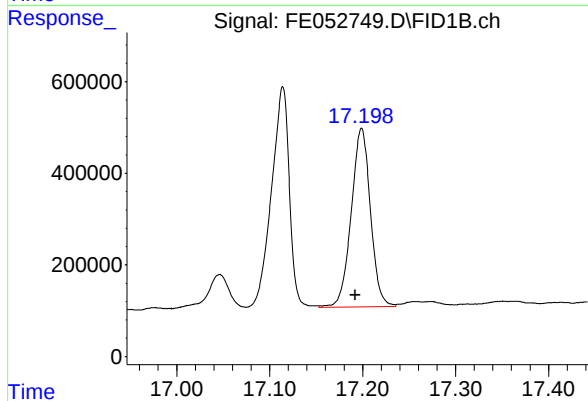
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.007 min
Response: 11663683
Conc: 81.50 ug/ml



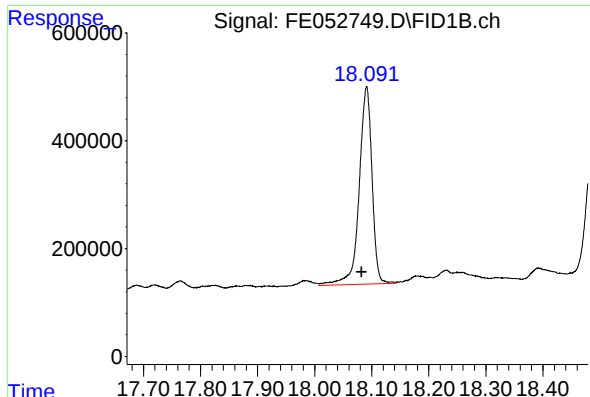
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.007 min
Response: 5210867
Conc: 36.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.007 min
Response: 5596287
Conc: 39.36 ug/ml



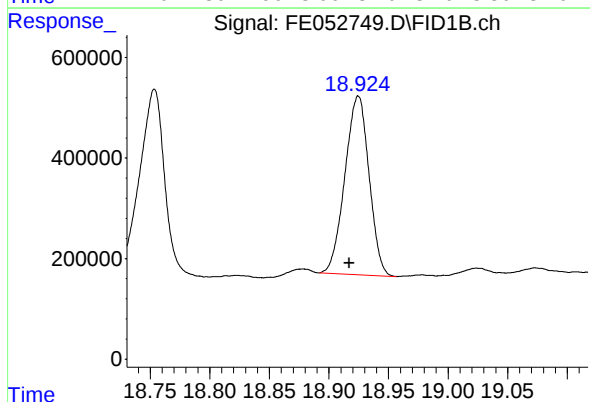
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: 0.008 min
Response: 5736862
Conc: 38.84 ug/ml

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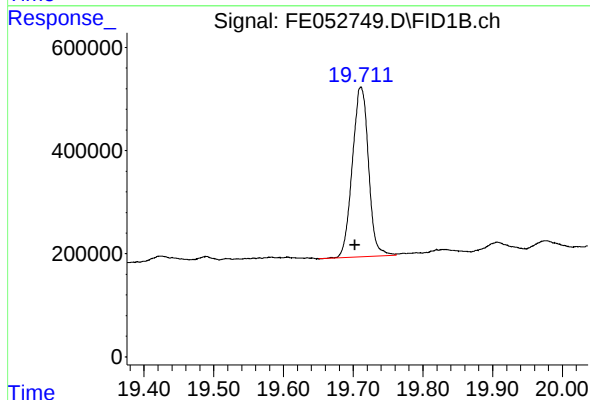
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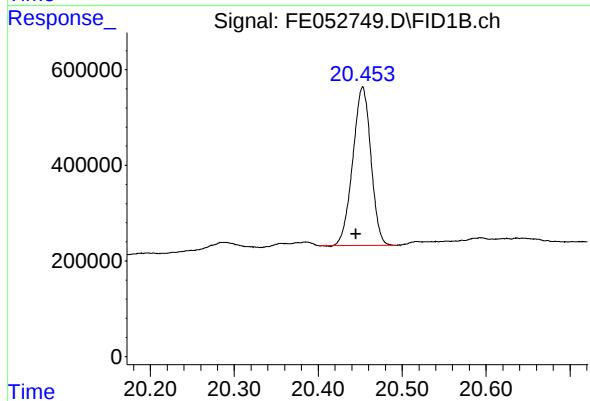
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.007 min
Response: 5015398
Conc: 34.55 ug/ml m



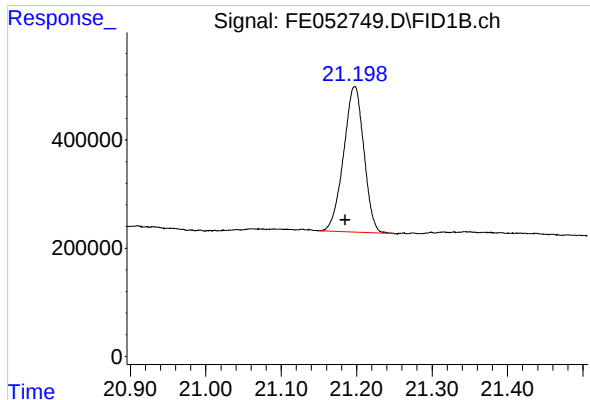
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.009 min
Response: 5312723
Conc: 39.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: 0.008 min
Response: 4979993
Conc: 41.91 ug/ml



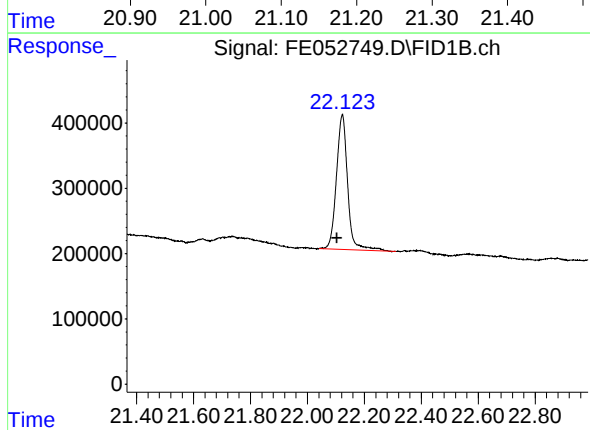
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.013 min
Response: 5013663
Conc: 45.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.018 min
Response: 5644497
Conc: 52.21 ug/ml