

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052442.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 15:43
 Operator : YP\AJ
 Sample : Q1397-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP7MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/24/2025

Supervised By :Ankita Jodhani 02/24/2025

Integration File: autoint1.e

Quant Time: Feb 21 22:05:57 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.916	5246601	28.067 ug/mlm
Spiked Amount 50.000		Recovery =	56.13%
12) S 1-chlorooctadecane (S...	13.361	4172588	30.019 ug/mlm
Spiked Amount 50.000		Recovery =	60.04%
Target Compounds			
1) T n-Nonane (C9)	3.257	4434049	28.886 ug/ml
2) T n-Decane (C10)	4.518	4971416	31.830 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6053450	35.038 ug/ml
4) T n-Dodecane (C12)	6.698	5297880	33.565 ug/ml
5) T A~2-methylnaphthalene...	7.331	5729257	34.113 ug/ml
6) T n-Tetradecane (C14)	8.537	5702828	36.205 ug/ml
7) T n-Hexadecane (C16)	10.151	6174018	37.776 ug/ml
8) T n-Octadecane (C18)	11.602	6365945	38.474 ug/ml
10) T n-Eicosane (C20)	12.917	6599427	41.396 ug/ml
11) T n-Heneicosane (C21)	13.530	6289832	40.147 ug/ml
13) T n-Docosane (C22)	14.119	6270860	40.070 ug/ml
14) T n-Tetracosane (C24)	15.208	13103506	83.319 ug/ml
15) T n-Hexacosane (C26)	16.251	5993935	38.698 ug/ml
16) T n-Octacosane (C28)	17.202	5987930	39.147 ug/ml
17) T n-Tricontane (C30)	18.094	5997964	38.424 ug/ml
18) T n-Dotriacontane (C32)	18.926	5891055	38.499 ug/mlm
19) T n-Tetratriacontane (C34)	19.711	5827478	40.963 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5552909	44.553 ug/ml
21) T n-Octatriacontane (C38)	21.194	5570278	50.962 ug/ml
22) T n-Tetracontane (C40)	22.117	5740171	57.065 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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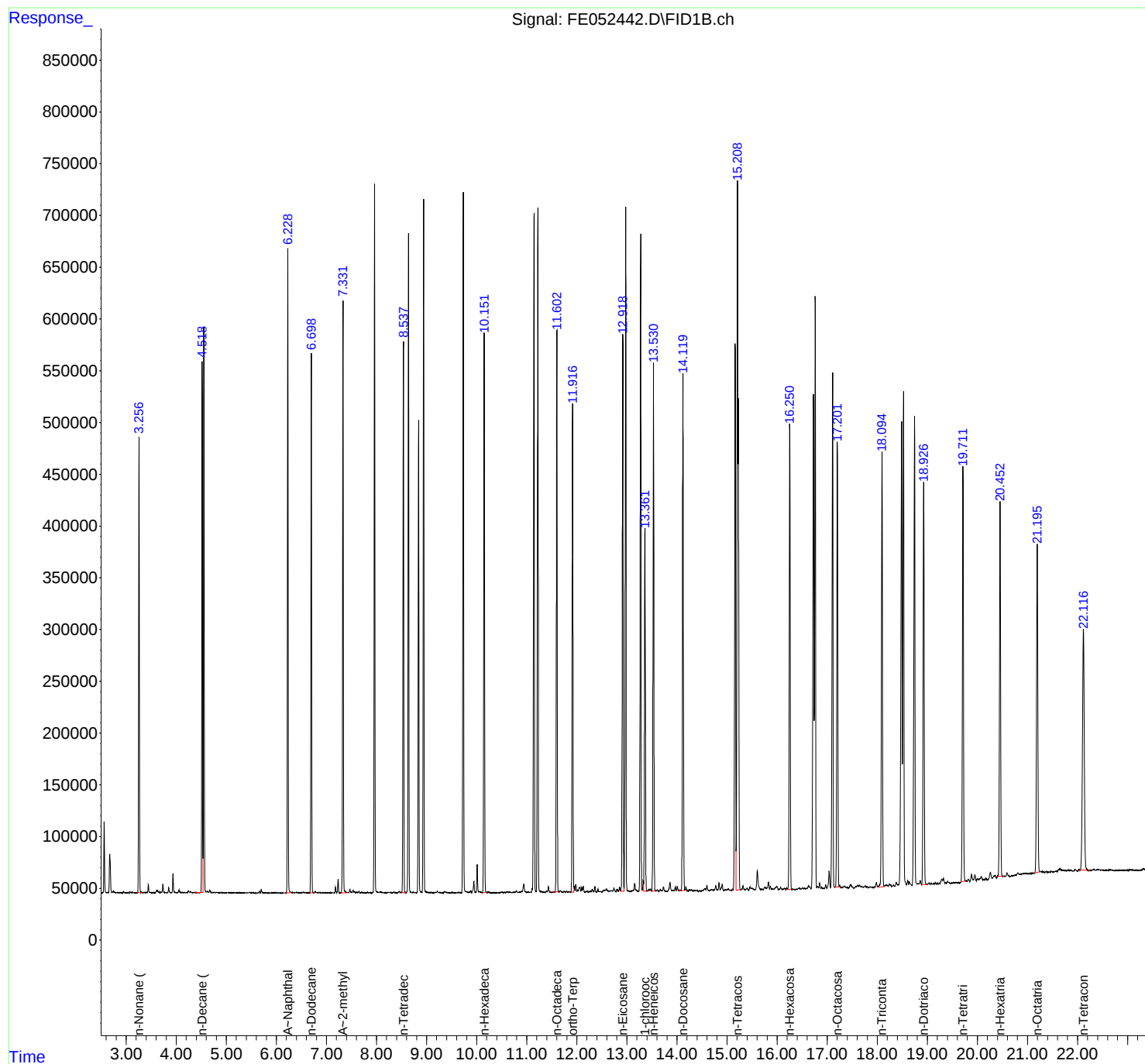
Instrument :
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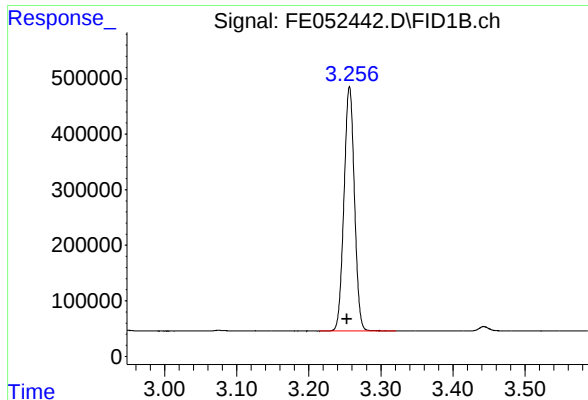
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QLast Update : Fri Feb 14 00:50:00 2025
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Integrator: ChemStation

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.: 0.004 min
Response: 4434049
Conc: 28.89 ug/ml

Instrument :

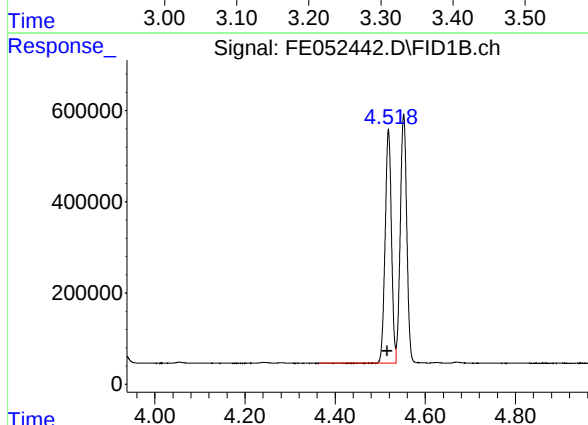
FID_E

ClientSampleId :

TP7MS

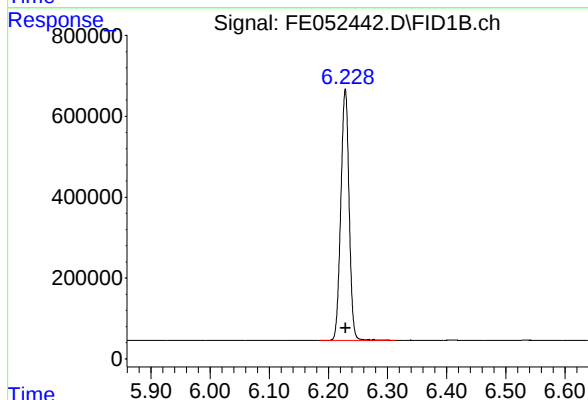
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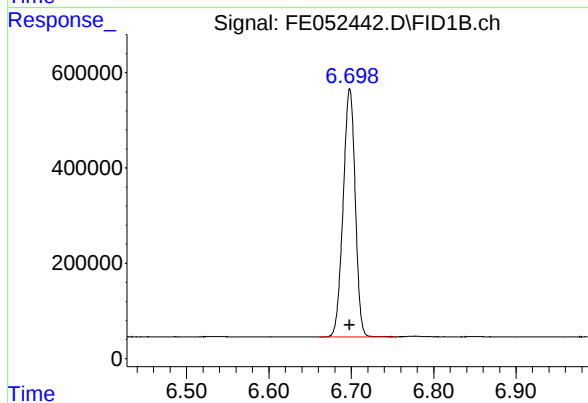
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 4971416
Conc: 31.83 ug/ml



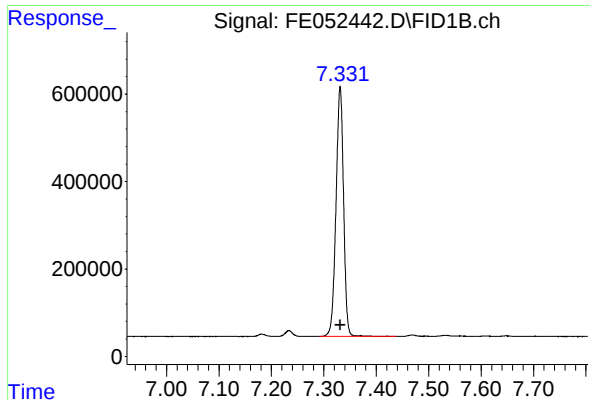
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6053450
Conc: 35.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 5297880
Conc: 33.56 ug/ml



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

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 5729257
Conc: 34.11 ug/ml

Instrument :

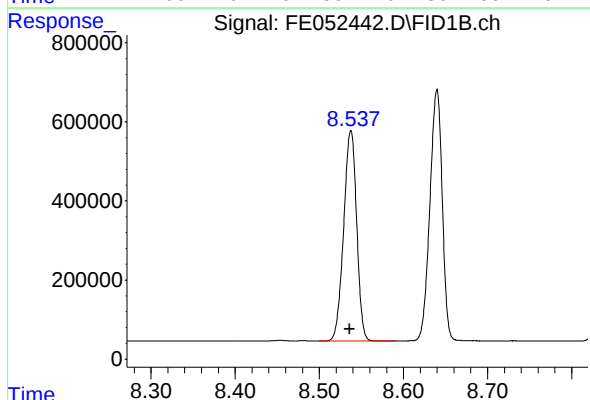
FID_E

ClientSampleId :

TP7MS

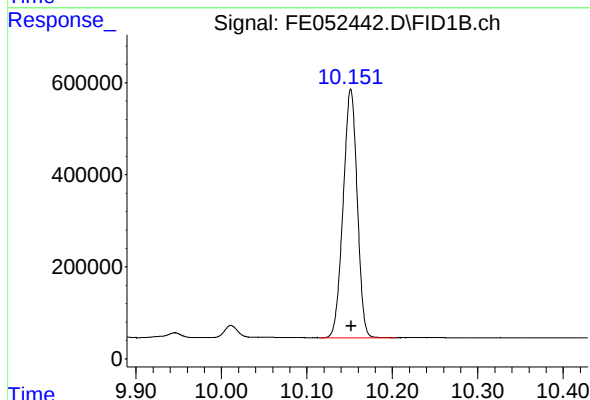
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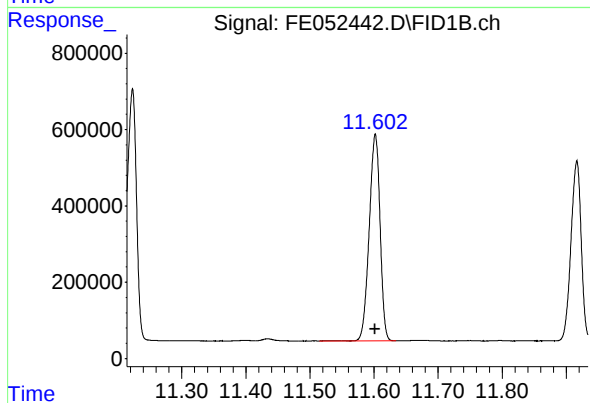
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 5702828
Conc: 36.21 ug/ml



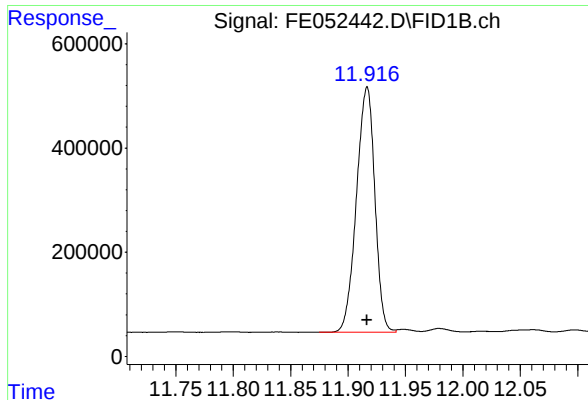
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.000 min
Response: 6174018
Conc: 37.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 6365945
Conc: 38.47 ug/ml



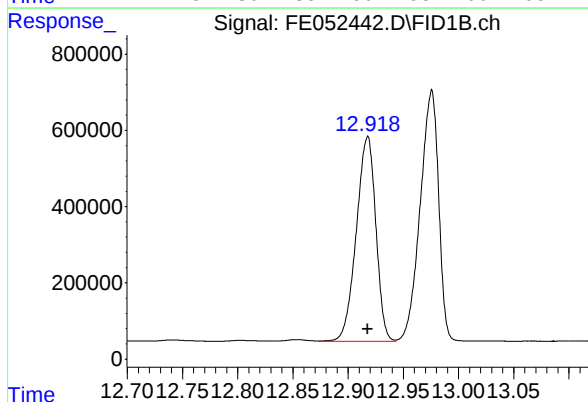
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 5246601
Conc: 28.07 ug/ml

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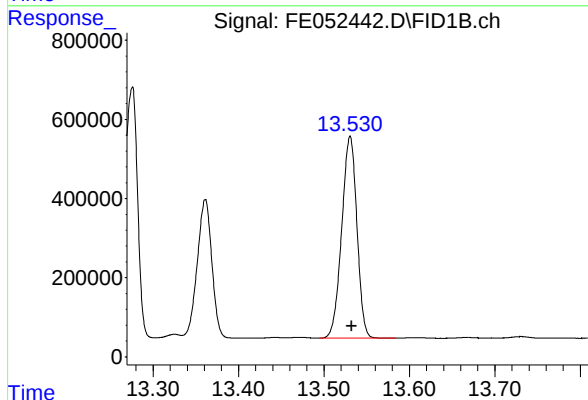
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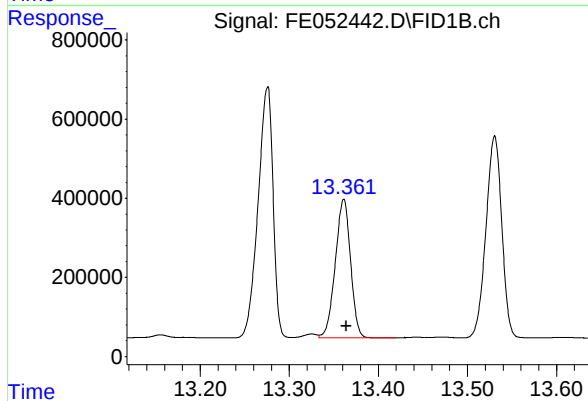
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 6599427
Conc: 41.40 ug/ml



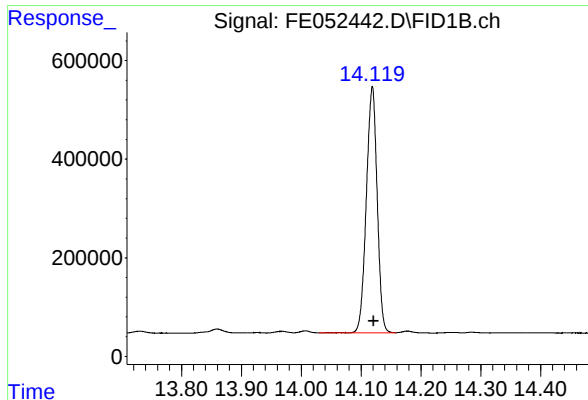
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.002 min
Response: 6289832
Conc: 40.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 4172588
Conc: 30.02 ug/ml m



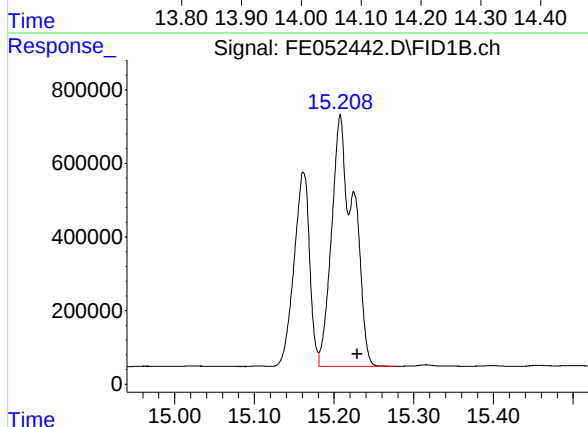
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.002 min
Response: 6270860
Conc: 40.07 ug/ml

Instrument :
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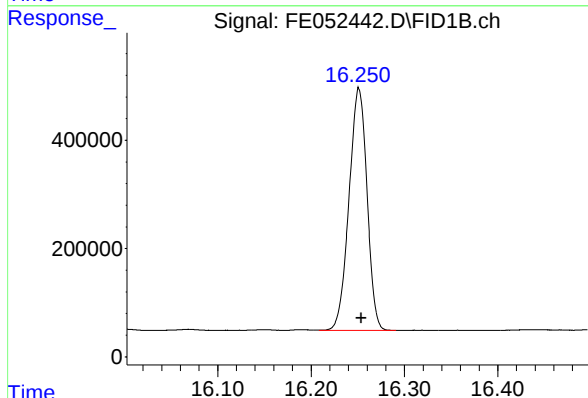
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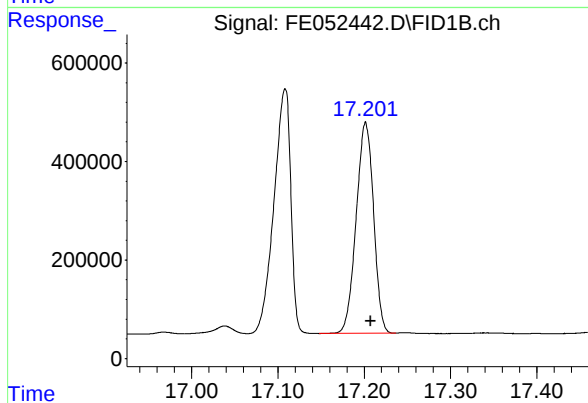
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.022 min
Response: 13103506
Conc: 83.32 ug/ml



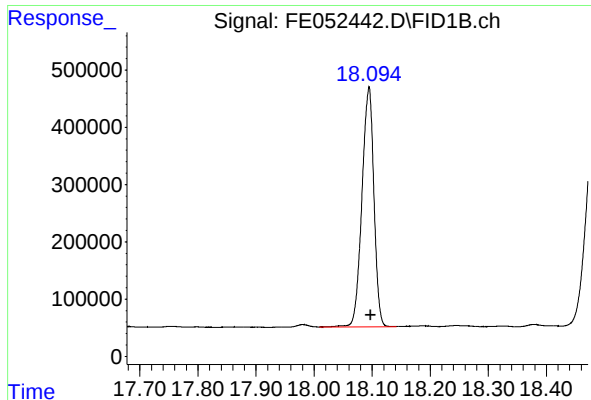
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 5993935
Conc: 38.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.006 min
Response: 5987930
Conc: 39.15 ug/ml



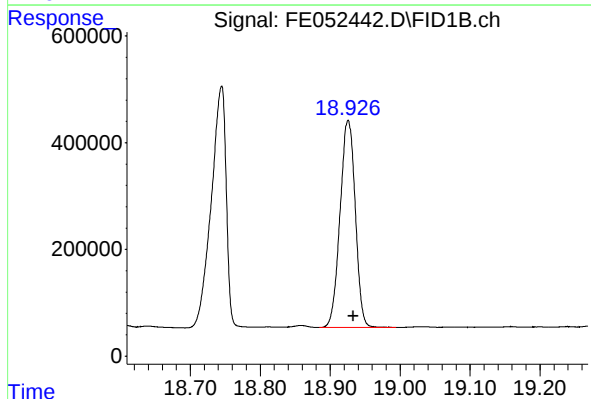
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.003 min
Response: 5997964
Conc: 38.42 ug/ml

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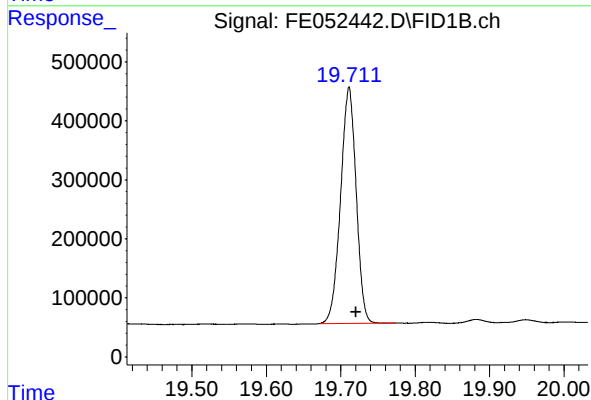
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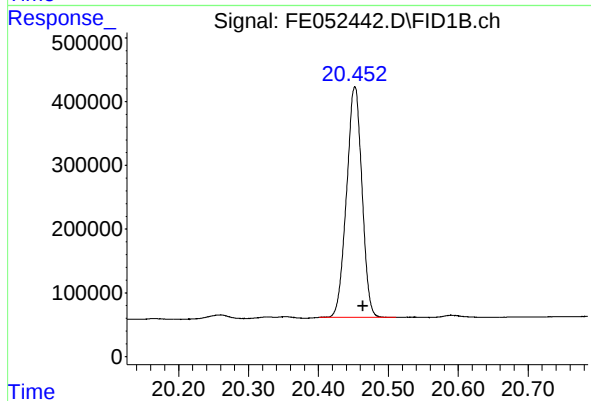
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.008 min
Response: 5891055
Conc: 38.50 ug/ml



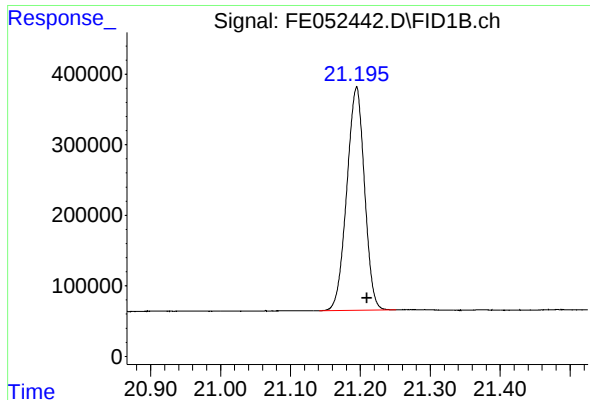
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.009 min
Response: 5827478
Conc: 40.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.012 min
Response: 5552909
Conc: 44.55 ug/ml



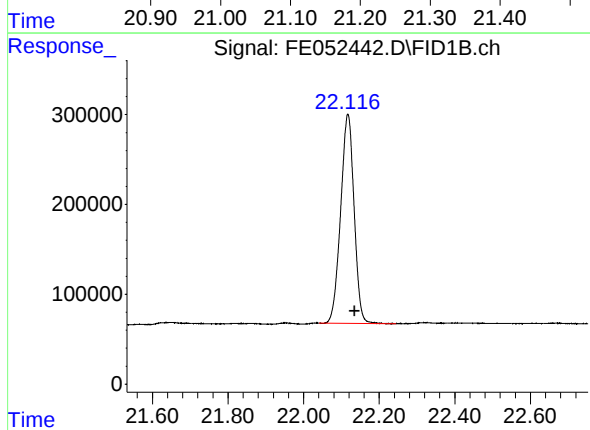
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.015 min
Response: 5570278
Conc: 50.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.018 min
Response: 5740171
Conc: 57.07 ug/ml