

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082324AL\
 Data File : FE049732.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2024 17:04
 Operator : YP\AJ
 Sample : P3717-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2024

Supervised By :Ankita Jodhani 08/26/2024

Integration File: autoint1.e

Quant Time: Aug 24 01:17:48 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

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)	11.884	3620544	22.389 ug/ml
Spiked Amount 50.000		Recovery =	44.78%
12) S 1-chlorooctadecane (S...	13.318	2901622	23.783 ug/ml
Spiked Amount 50.000		Recovery =	47.57%
Target Compounds			
1) T n-Nonane (C9)	3.275	3561770	23.016 ug/ml
2) T n-Decane (C10)	4.525	3934489	24.919 ug/ml
3) T A~Naphthalene (C11.7)	6.231	4085840	25.464 ug/ml
4) T n-Dodecane (C12)	6.691	4209840	26.779 ug/ml
5) T A~2-methylnaphthalene...	7.327	4068453	27.168 ug/ml
6) T n-Tetradecane (C14)	8.519	4412042	28.579 ug/ml
7) T n-Hexadecane (C16)	10.125	4610532	29.520 ug/ml
8) T n-Octadecane (C18)	11.567	4835325	30.788 ug/ml
10) T n-Eicosane (C20)	12.875	4876771	32.663 ug/ml
11) T n-Heneicosane (C21)	13.486	4745939	32.352 ug/ml
13) T n-Docosane (C22)	14.070	4683865	32.136 ug/ml
14) T n-Tetracosane (C24)	15.167	8513074	58.523 ug/ml
15) T n-Hexacosane (C26)	16.192	4611233	31.950 ug/ml
16) T n-Octacosane (C28)	17.140	4879223	33.874 ug/ml
17) T n-Tricontane (C30)	18.027	4740432	31.665 ug/ml
18) T n-Dotriacontane (C32)	18.858	4740488	31.335 ug/ml
19) T n-Tetratriacontane (C34)	19.640	4940145	32.314 ug/ml
20) T n-Hexatriacontane (C36)	20.380	5051070	33.263 ug/ml
21) T n-Octatriacontane (C38)	21.108	5229596	33.320 ug/ml
22) T n-Tetracontane (C40)	22.000	5206418	34.100 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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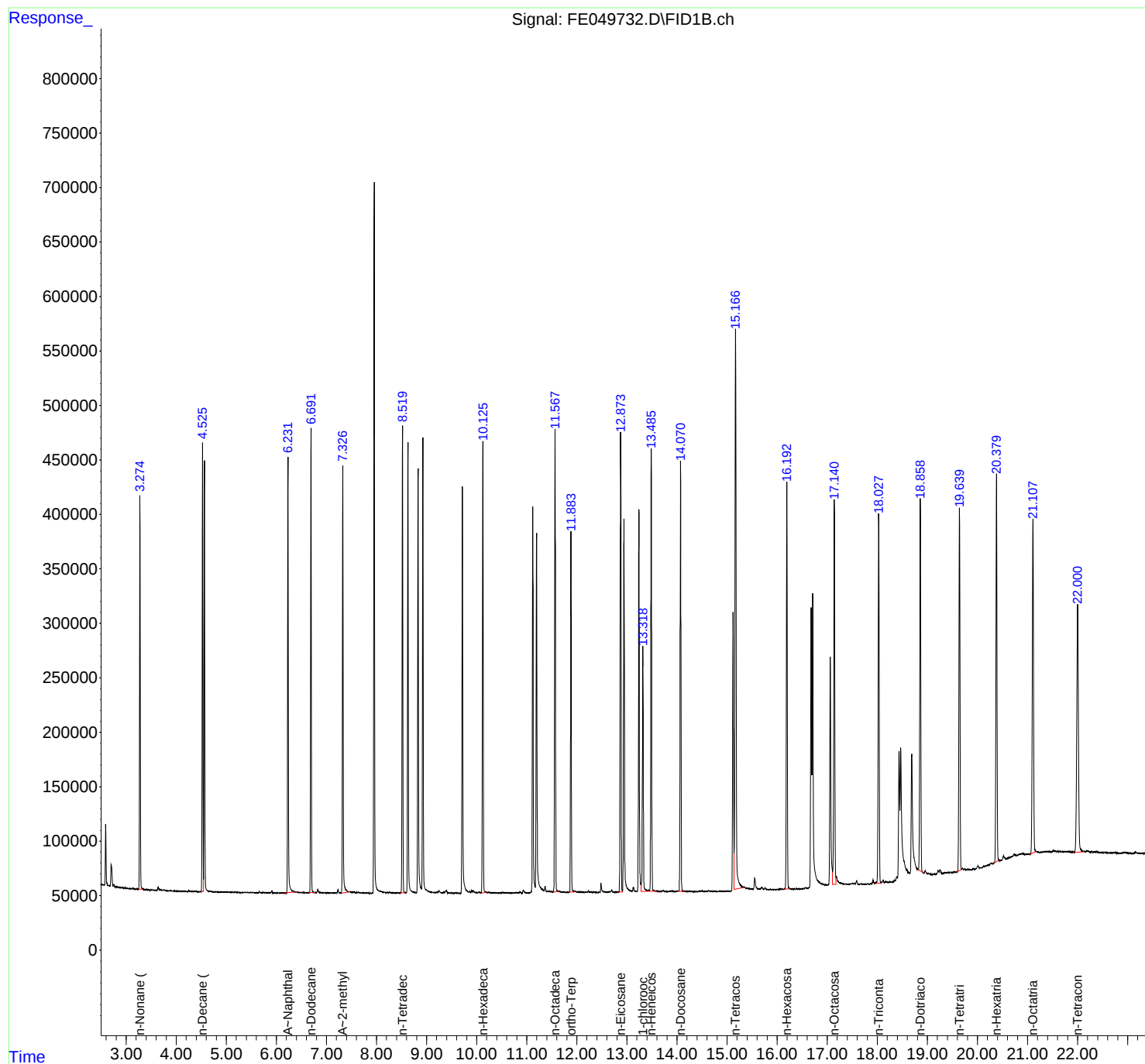
Response via : Initial Calibration

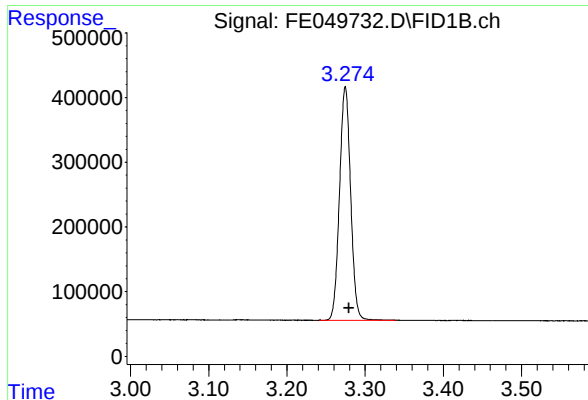
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 3561770
Conc: 23.02 ug/ml

Instrument :

FID_E

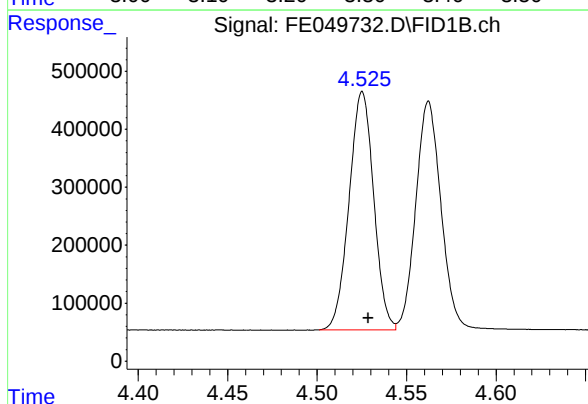
ClientSampleId :

TP-1MS

Manual Integrations

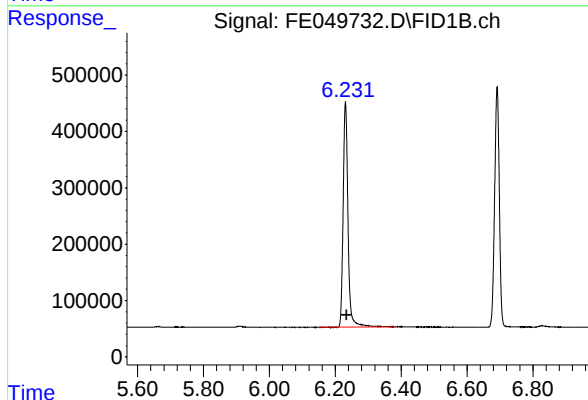
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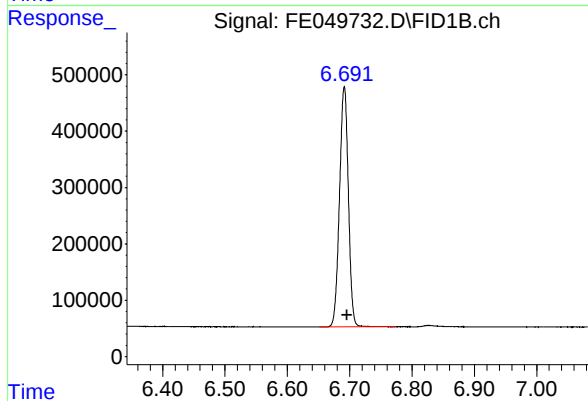
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3934489
Conc: 24.92 ug/ml



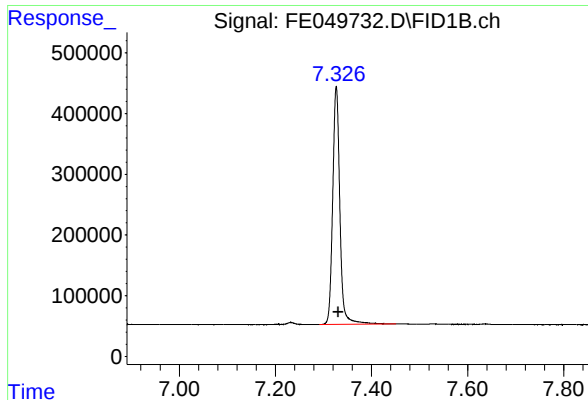
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 4085840
Conc: 25.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 4209840
Conc: 26.78 ug/ml



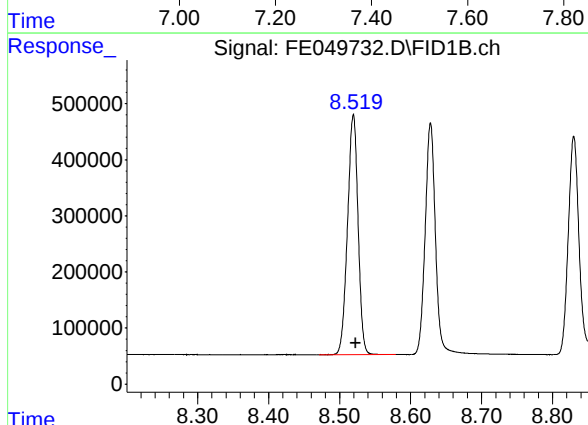
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 4068453
Conc: 27.17 ug/ml

Instrument :
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TP-1MS

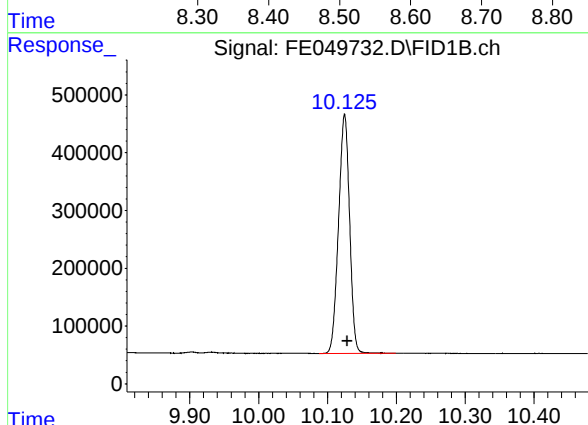
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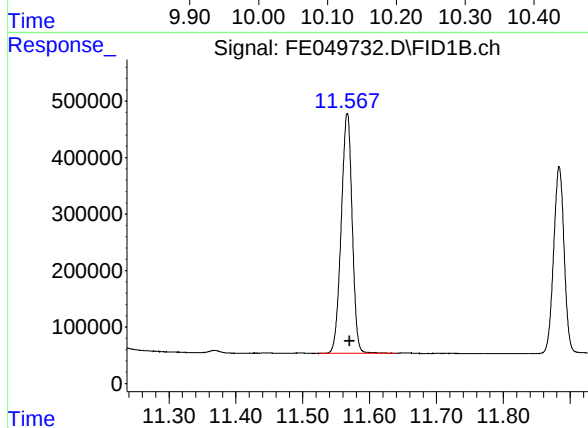
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 4412042
Conc: 28.58 ug/ml



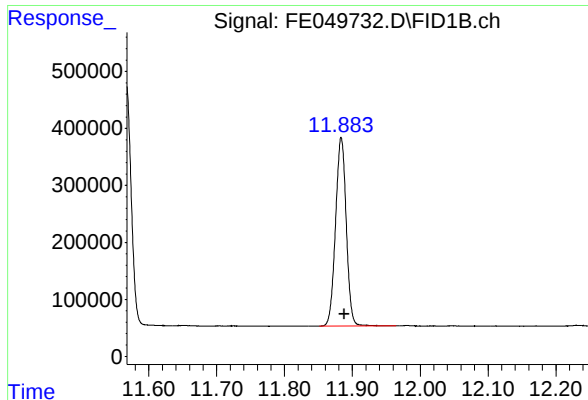
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 4610532
Conc: 29.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 4835325
Conc: 30.79 ug/ml



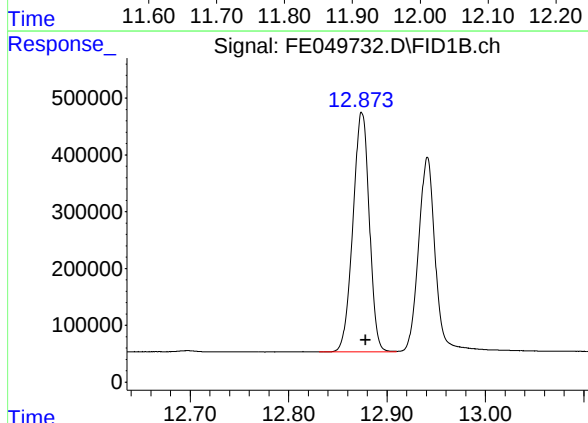
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: -0.005 min
Response: 3620544
Conc: 22.39 ug/ml

Instrument :
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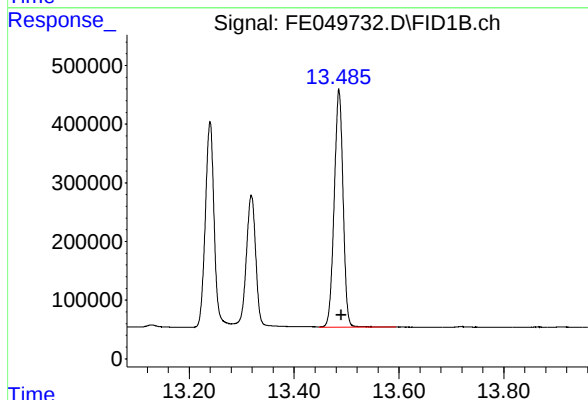
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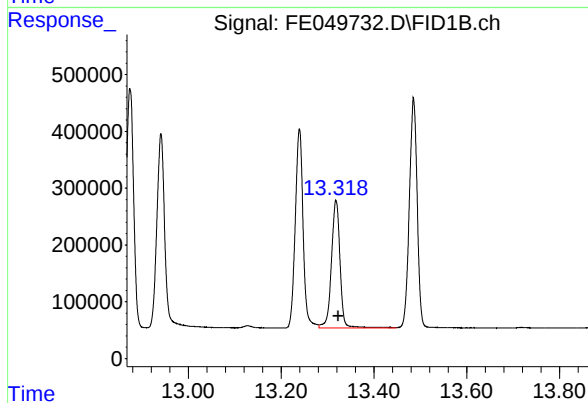
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 4876771
Conc: 32.66 ug/ml



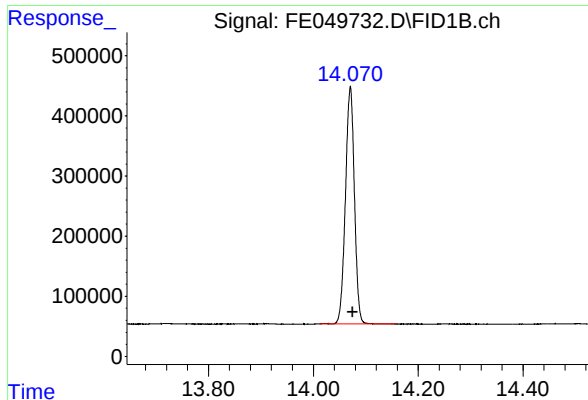
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 4745939
Conc: 32.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 2901622
Conc: 23.78 ug/ml



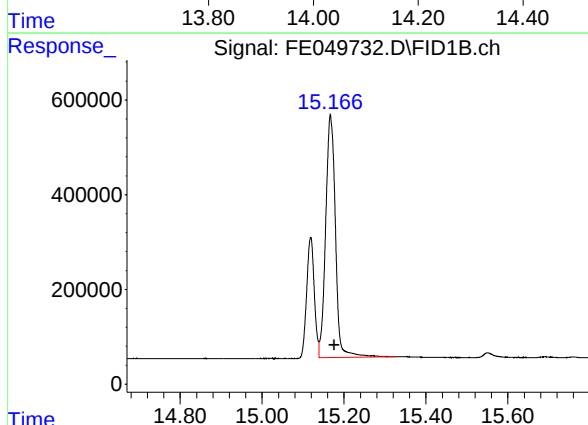
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.005 min
Response: 4683865
Conc: 32.14 ug/ml

Instrument :
FID_E
ClientSampleId :
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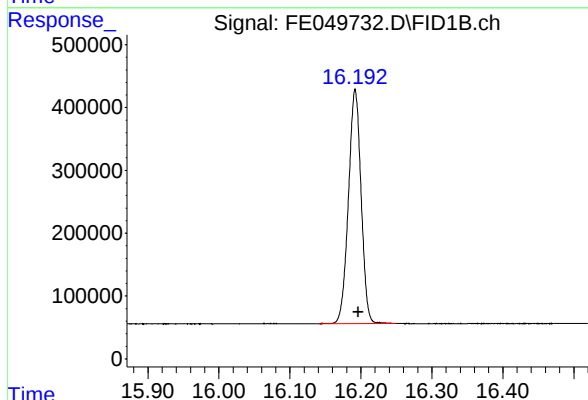
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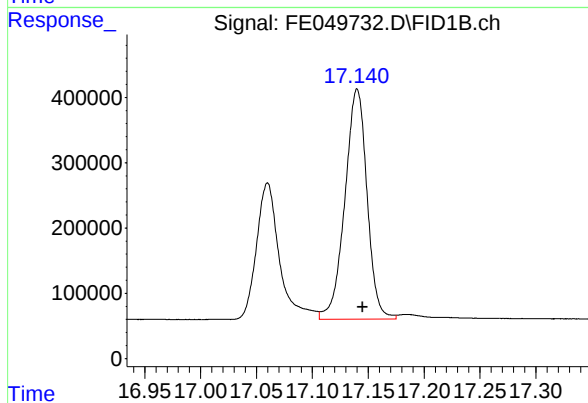
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.010 min
Response: 8513074
Conc: 58.52 ug/ml



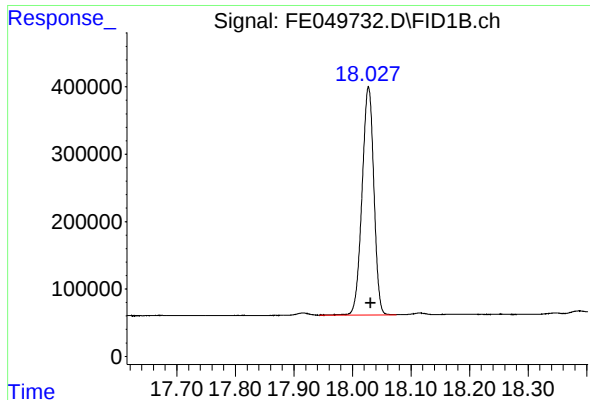
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 4611233
Conc: 31.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 4879223
Conc: 33.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: -0.004 min
Response: 4740432
Conc: 31.67 ug/ml

Instrument :

FID_E

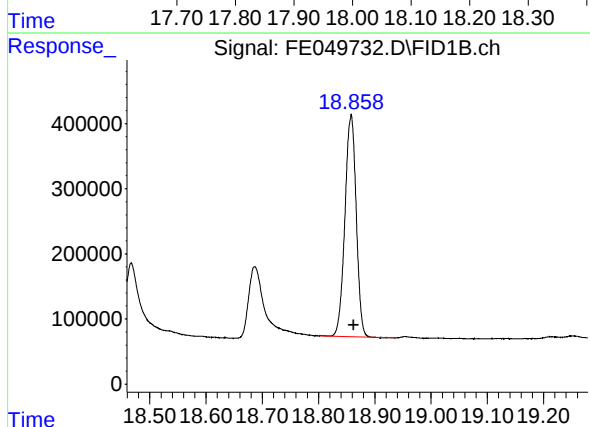
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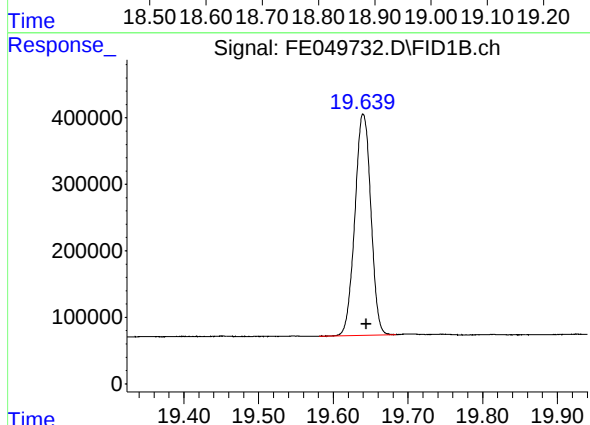
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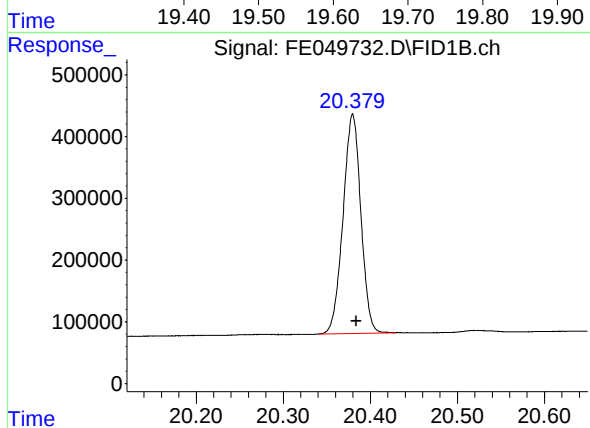
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.005 min
Response: 4740488
Conc: 31.34 ug/ml



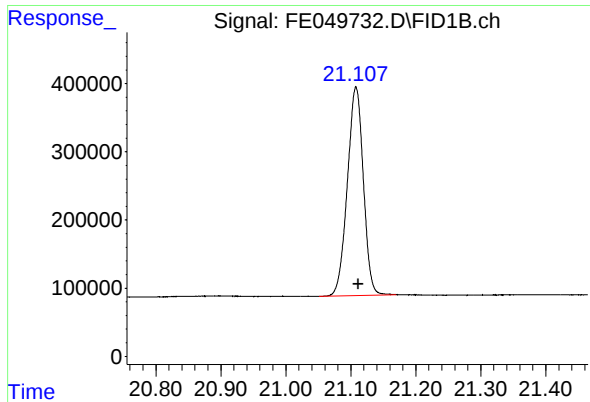
#19 n-Tetatriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.004 min
Response: 4940145
Conc: 32.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 5051070
Conc: 33.26 ug/ml



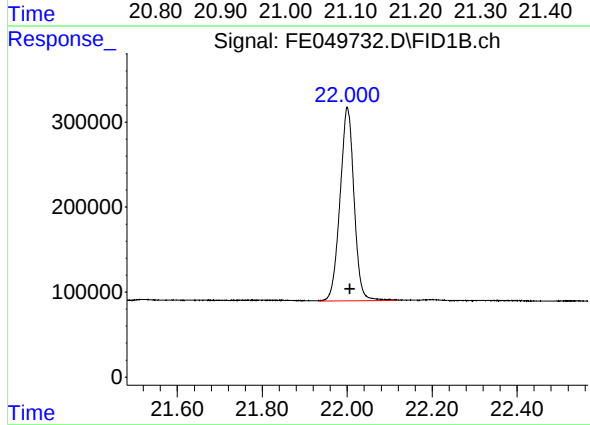
#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.004 min
Response: 5229596
Conc: 33.32 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.007 min
Response: 5206418
Conc: 34.10 ug/ml m