

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051487.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 16:24
 Operator : YP\AJ
 Sample : P5005-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: sample.E
 Quant Time: Nov 28 03:05:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.833	6287341	41.889 ug/ml
Spiked Amount 50.000		Recovery =	83.78%
12) S 1-chlorooctadecane (S...	13.265	5566914	49.034 ug/ml
Spiked Amount 50.000		Recovery =	98.07%
Target Compounds			
1) T n-Nonane (C9)	3.226	4432474	32.034 ug/ml
2) T n-Decane (C10)	4.474	4825580	34.425 ug/ml
3) T A~Naphthalene (C11.7)	6.184	5142392	39.002 ug/ml
4) T n-Dodecane (C12)	6.638	5205086	36.864 ug/ml
5) T A~2-methylnaphthalene...	7.280	4889223	39.084 ug/ml
6) T n-Tetradecane (C14)	8.466	5726360	41.089 ug/ml
7) T n-Hexadecane (C16)	10.070	6388451	45.018 ug/ml
8) T n-Octadecane (C18)	11.512	6450418	45.169 ug/ml
10) T n-Eicosane (C20)	12.820	6634155	48.476 ug/ml
11) T n-Heneicosane (C21)	13.430	6422977	48.060 ug/ml
13) T n-Docosane (C22)	14.016	6395583	48.105 ug/ml
14) T n-Tetracosane (C24)	15.119	12236418	92.240 ug/mlm
15) T n-Hexacosane (C26)	16.136	6081877	45.431 ug/ml
16) T n-Octacosane (C28)	17.083	7110067	52.154 ug/ml
17) T n-Tricontane (C30)	17.971	6213922	42.770 ug/ml
18) T n-Dotriacontane (C32)	18.802	7102709	47.836 ug/ml
19) T n-Tetratriacontane (C34)	19.587	6048934	45.019 ug/mlm
20) T n-Hexatriacontane (C36)	20.325	5869796	49.194 ug/mlm
21) T n-Octatriacontane (C38)	21.046	5621402	49.390 ug/mlm
22) T n-Tetracontane (C40)	21.920	6354072	57.130 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

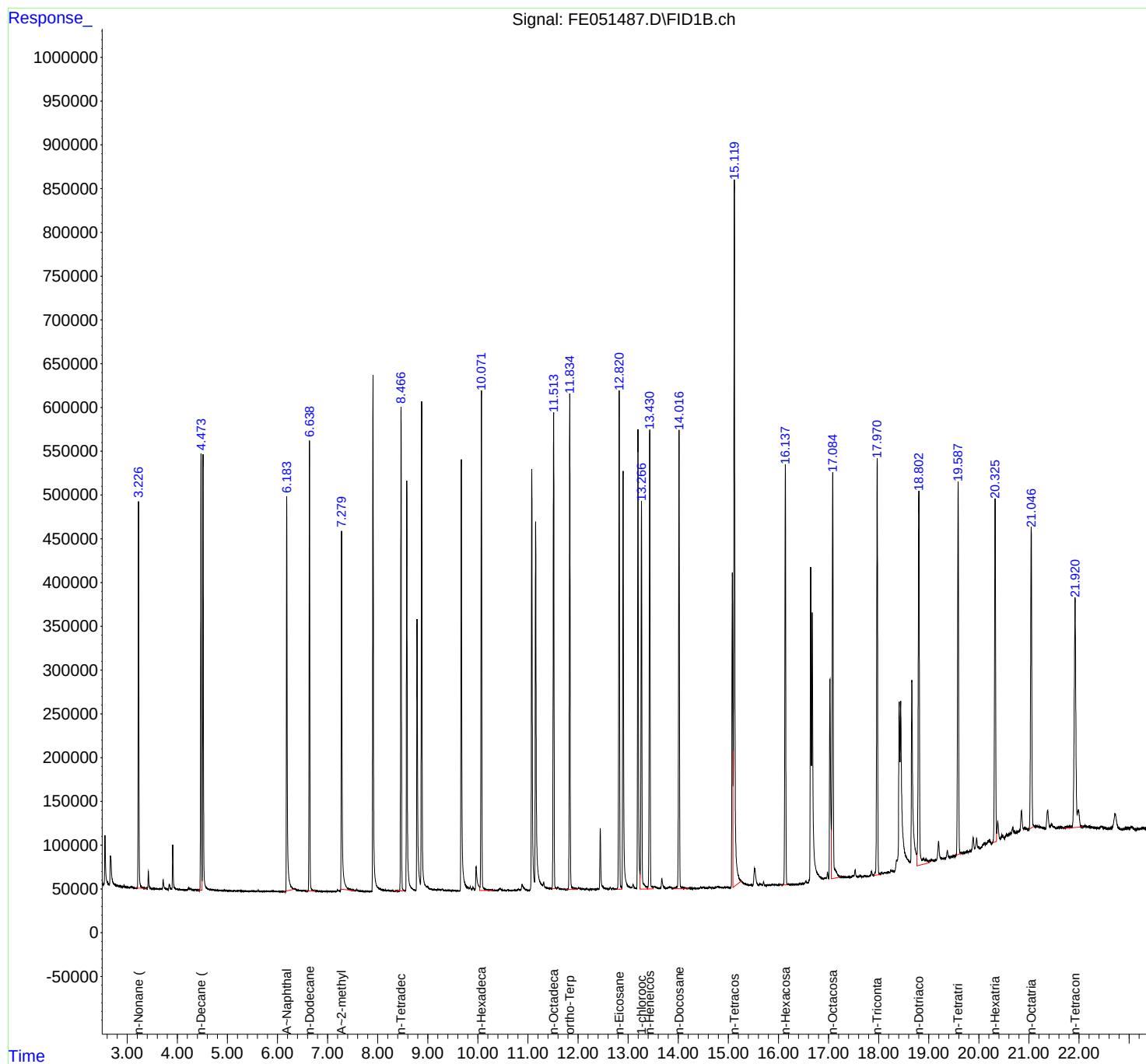
Instrument :
FID_E
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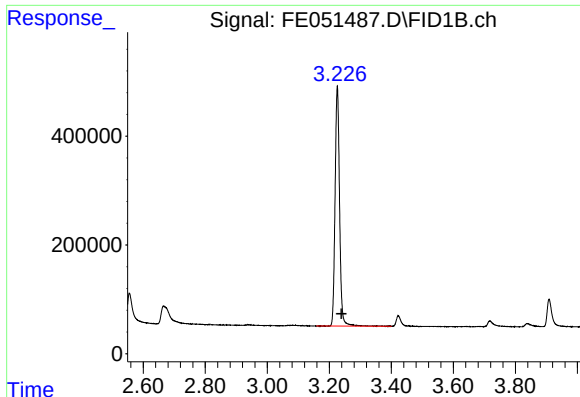
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.013 min
Response: 4432474
Conc: 32.03 ug/ml

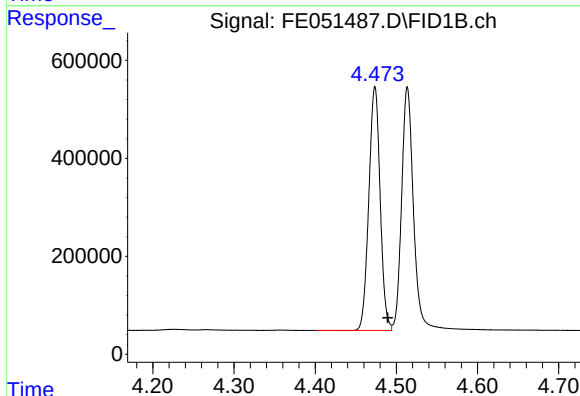
Instrument :

FID_E

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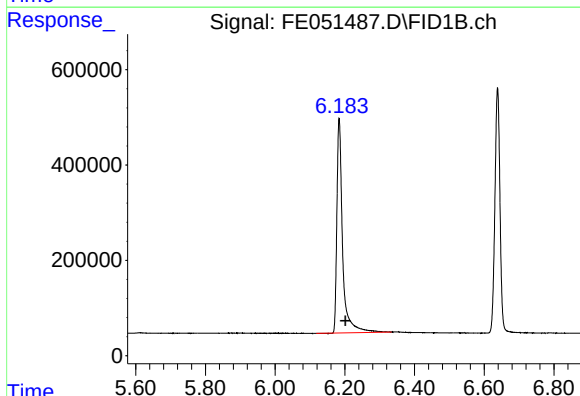
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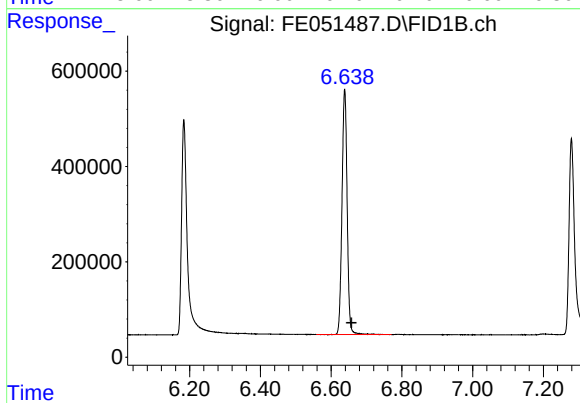
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.016 min
Response: 4825580
Conc: 34.42 ug/ml



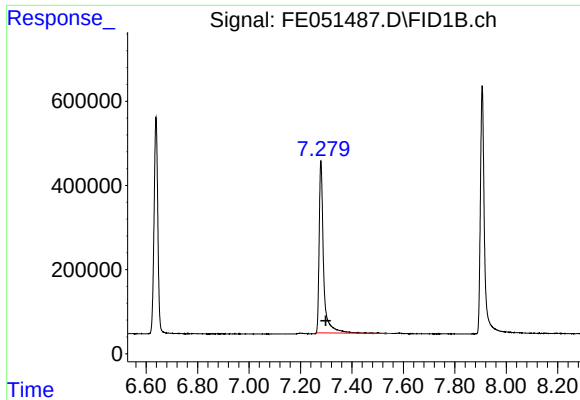
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.018 min
Response: 5142392
Conc: 39.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.019 min
Response: 5205086
Conc: 36.86 ug/ml



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

R.T.: 7.280 min
Delta R.T.: -0.018 min
Response: 4889223
Conc: 39.08 ug/ml

Instrument :

FID_E

ClientSampleId :

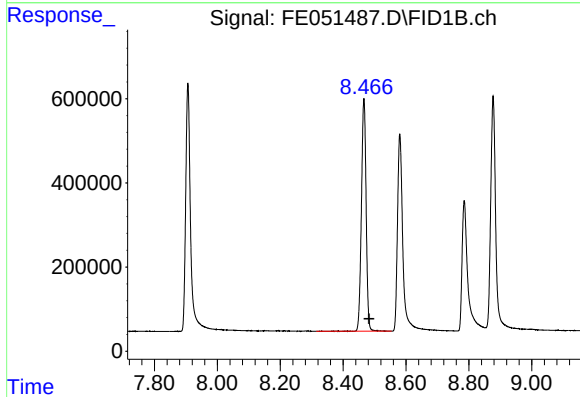
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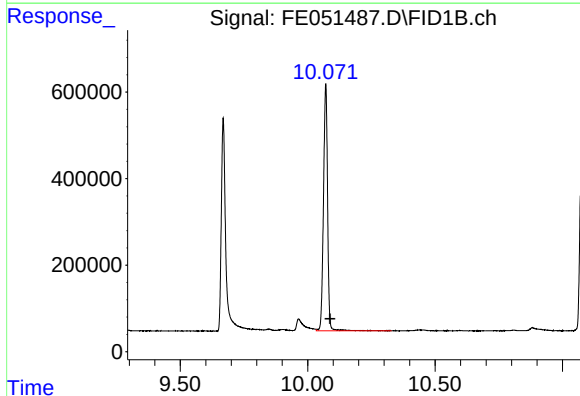
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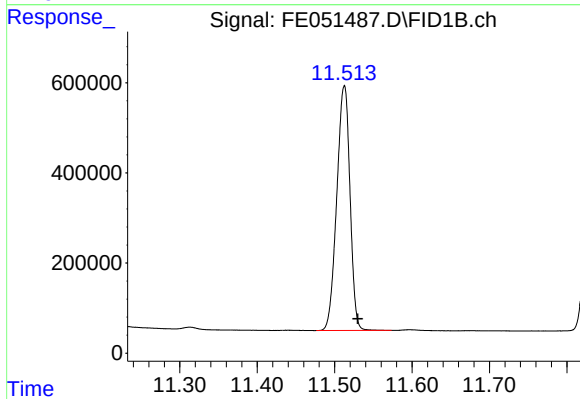
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.017 min
Response: 5726360
Conc: 41.09 ug/ml



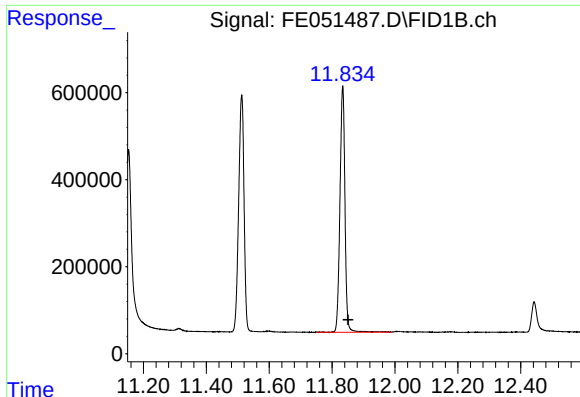
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.018 min
Response: 6388451
Conc: 45.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: -0.018 min
Response: 6450418
Conc: 45.17 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.017 min
Response: 6287341
Conc: 41.89 ug/ml

Instrument :

FID_E

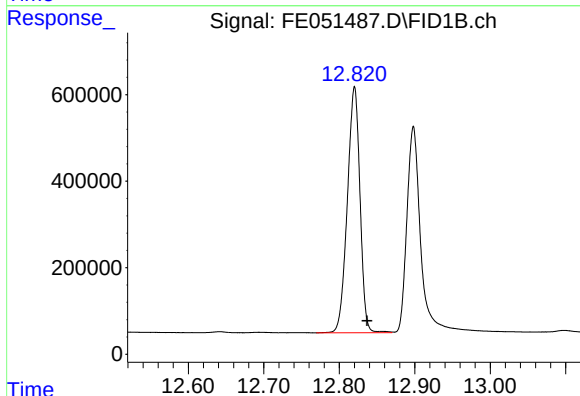
ClientSampleId :

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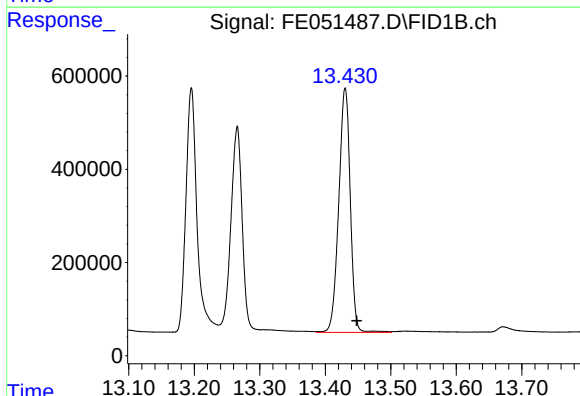
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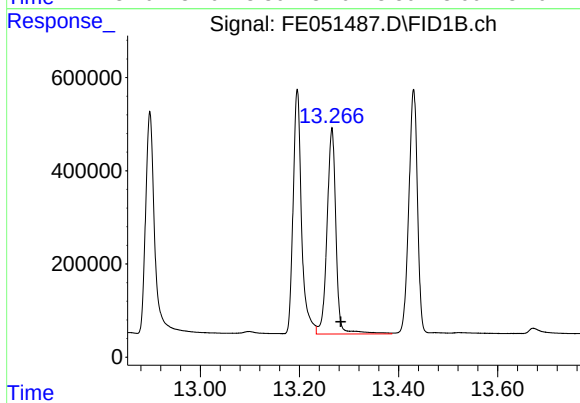
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: -0.017 min
Response: 6634155
Conc: 48.48 ug/ml



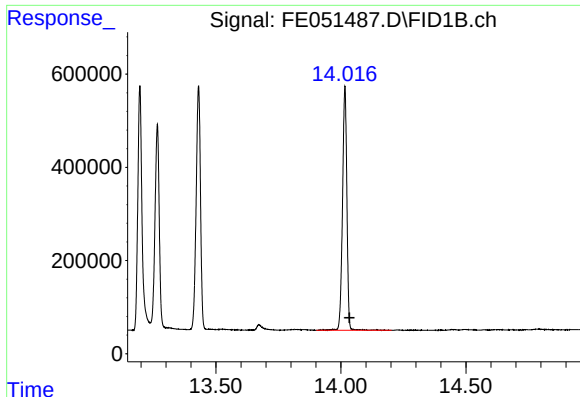
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.018 min
Response: 6422977
Conc: 48.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.018 min
Response: 5566914
Conc: 49.03 ug/ml



#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: -0.018 min
Response: 6395583
Conc: 48.11 ug/ml

Instrument :

FID_E

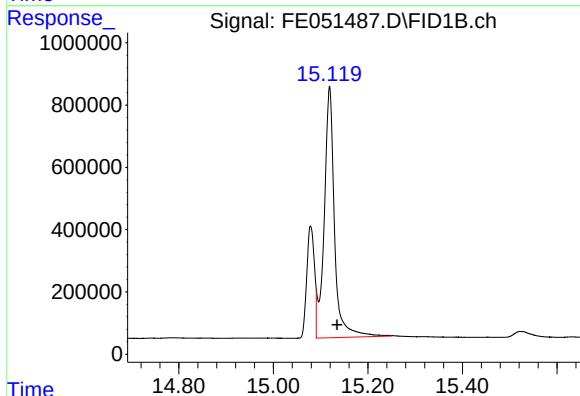
ClientSampleId :

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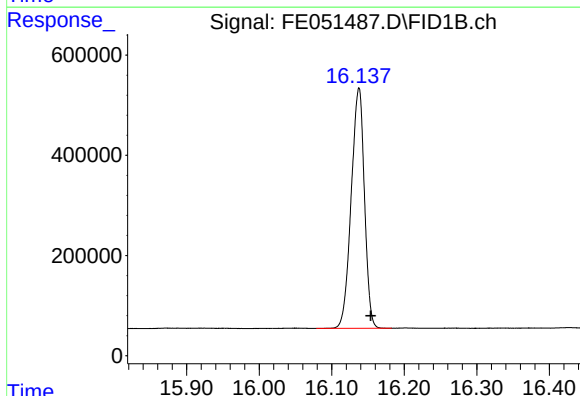
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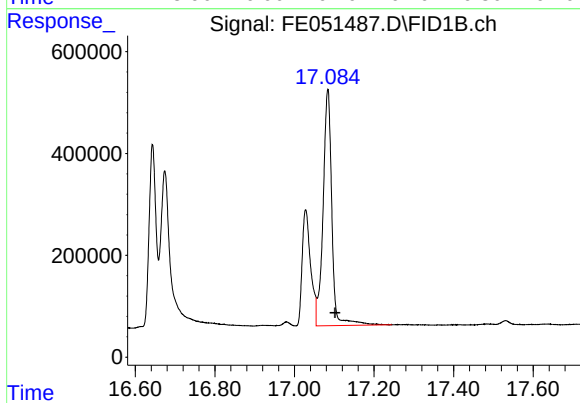
#14 n-Tetracosane (C24)

R.T.: 15.119 min
Delta R.T.: -0.016 min
Response: 12236418
Conc: 92.24 ug/ml m



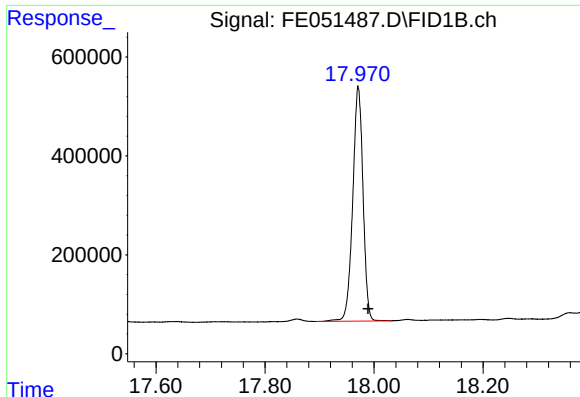
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.017 min
Response: 6081877
Conc: 45.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.019 min
Response: 7110067
Conc: 52.15 ug/ml



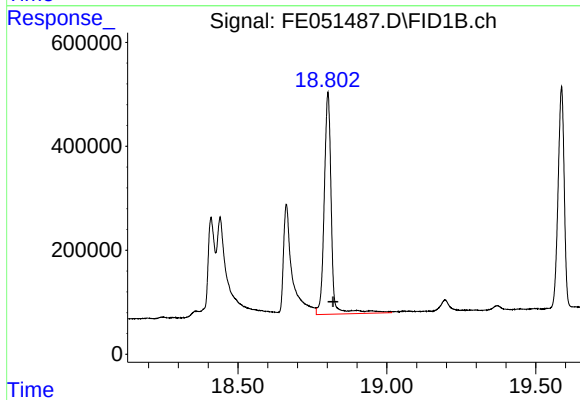
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.018 min
Response: 6213922
Conc: 42.77 ug/ml

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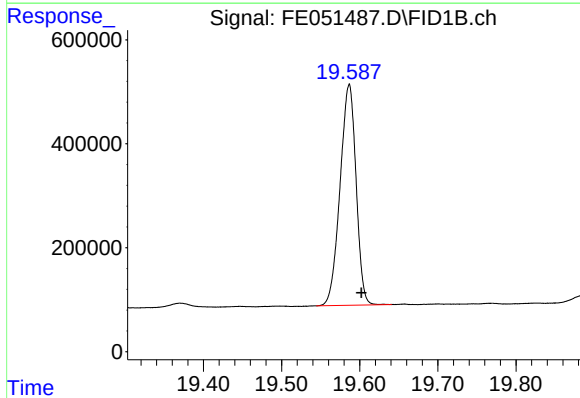
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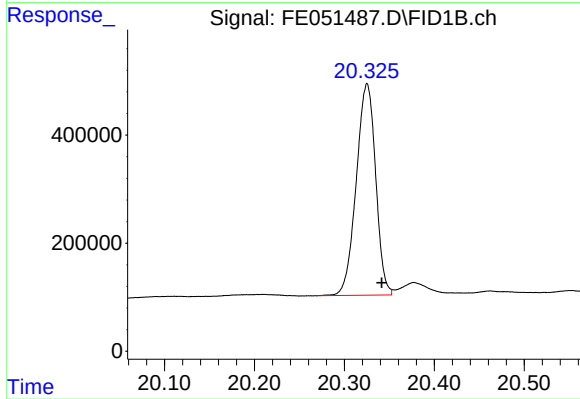
#18 n-Dotriacontane (C32)

R.T.: 18.802 min
Delta R.T.: -0.019 min
Response: 7102709
Conc: 47.84 ug/ml



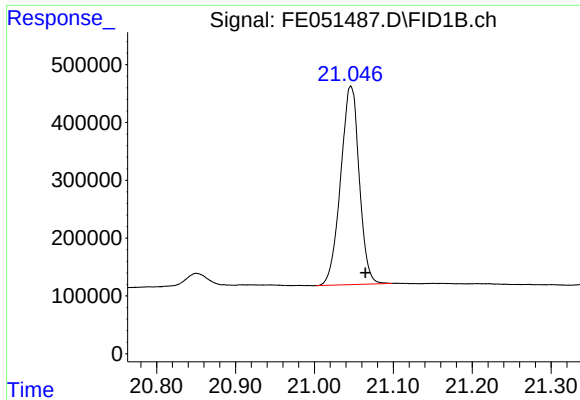
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.016 min
Response: 6048934
Conc: 45.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.325 min
Delta R.T.: -0.017 min
Response: 5869796
Conc: 49.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.046 min
Delta R.T.: -0.019 min
Response: 5621402
Conc: 49.39 ug/ml

Instrument :

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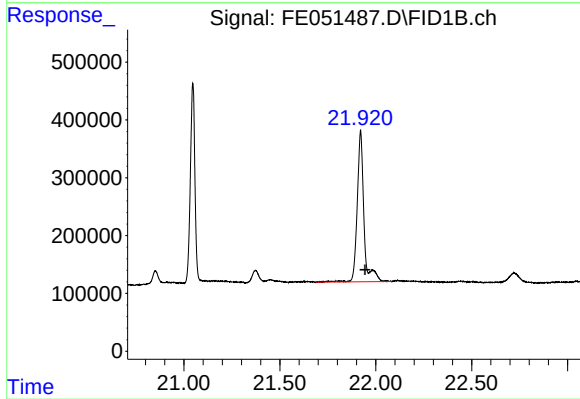
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#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: -0.025 min
Response: 6354072
Conc: 57.13 ug/ml