

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049553.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 09:56
 Operator : YP\AJ
 Sample : PB162632BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162632BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :Ankita Jodhani 08/14/2024

Integration File: autoint1.e

Quant Time: Aug 13 01:41:47 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.892	6385482	41.169 ug/ml
Spiked Amount 50.000		Recovery =	82.34%
12) S 1-chlorooctadecane (S...	13.325	5047638	43.203 ug/ml
Spiked Amount 50.000		Recovery =	86.41%
Target Compounds			
1) T n-Nonane (C9)	3.293	7403727	49.231 ug/ml
2) T n-Decane (C10)	4.538	7963163	51.557 ug/ml
3) T A~Naphthalene (C11.7)	6.239	9226297	59.218 ug/ml
4) T n-Dodecane (C12)	6.699	8204795	53.285 ug/ml
5) T A~2-methylnaphthalene...	7.334	9164782	62.975 ug/ml
6) T n-Tetradecane (C14)	8.528	8703686	57.346 ug/ml
7) T n-Hexadecane (C16)	10.133	8775113	57.862 ug/ml
8) T n-Octadecane (C18)	11.575	8703561	57.324 ug/ml
10) T n-Eicosane (C20)	12.882	8687735	60.078 ug/ml
11) T n-Heneicosane (C21)	13.494	8420395	59.379 ug/ml
13) T n-Docosane (C22)	14.078	8323826	59.247 ug/ml
14) T n-Tetracosane (C24)	15.175	16341232	116.597 ug/ml
15) T n-Hexacosane (C26)	16.202	8231043	58.700 ug/ml
16) T n-Octacosane (C28)	17.149	8888522	63.504 ug/ml
17) T n-Tricontane (C30)	18.037	8433179	57.812 ug/ml
18) T n-Dotriacontane (C32)	18.868	8658862	58.889 ug/mlm
19) T n-Tetratriacontane (C34)	19.650	8545485	58.503 ug/ml
20) T n-Hexatriacontane (C36)	20.389	8556955	59.358 ug/ml
21) T n-Octatriacontane (C38)	21.118	8788645	58.712 ug/ml
22) T n-Tetracontane (C40)	22.011	8493991	56.287 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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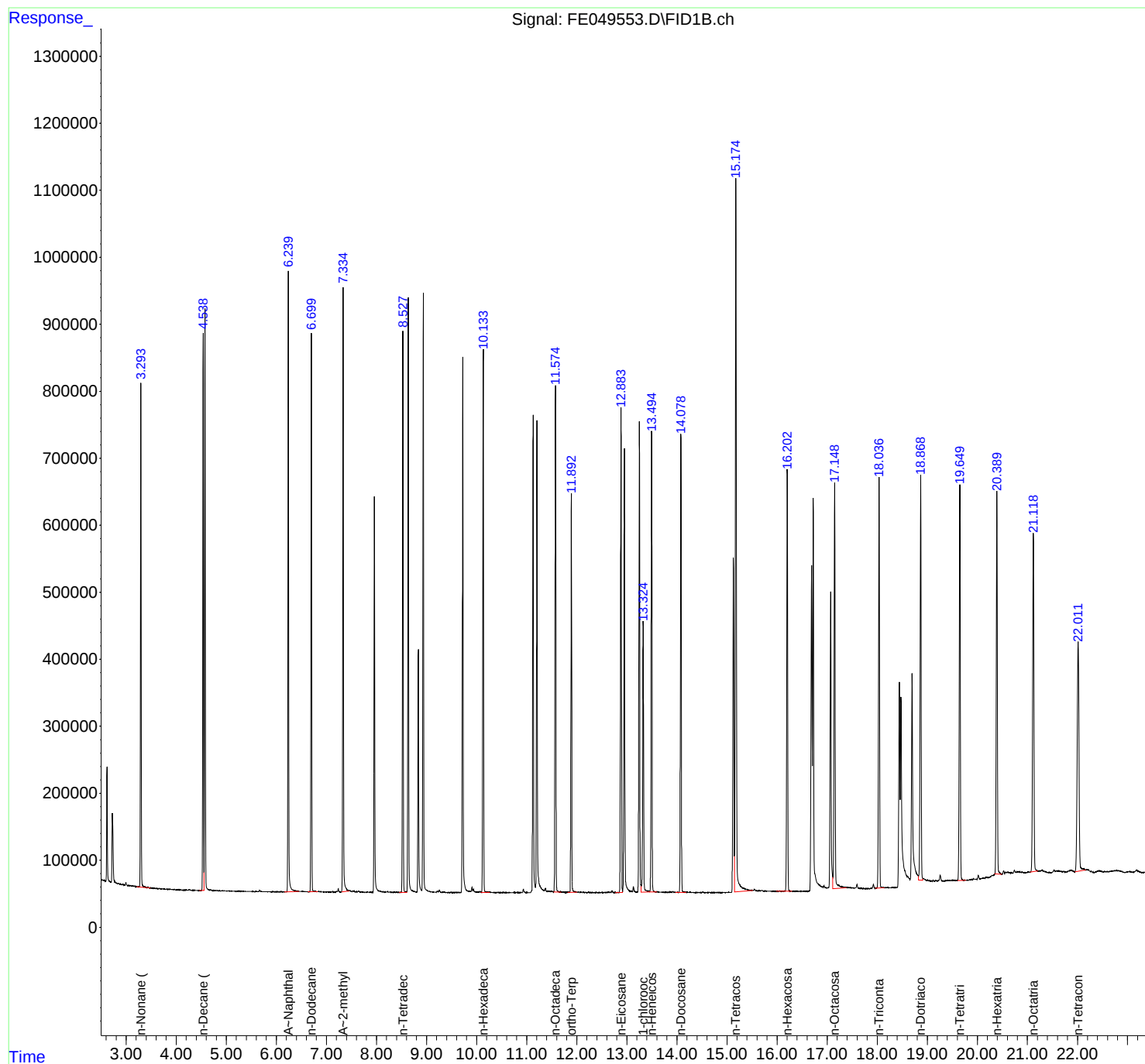
Response via : Initial Calibration

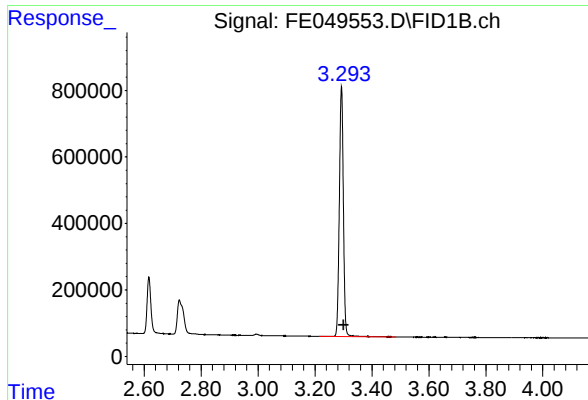
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 7403727
Conc: 49.23 ug/ml

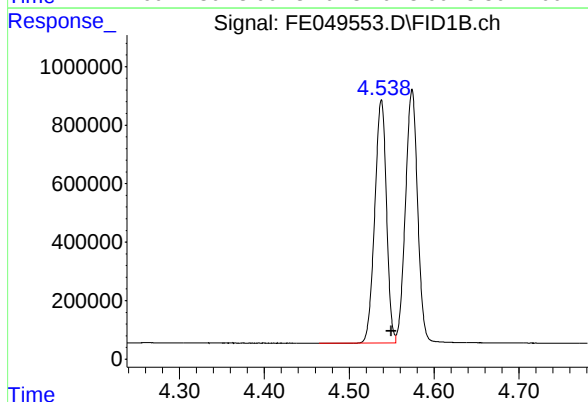
Instrument :

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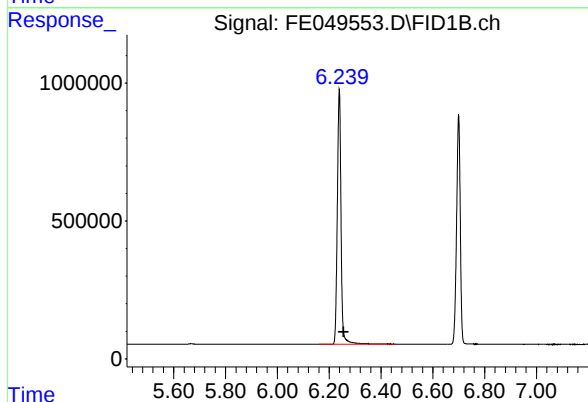
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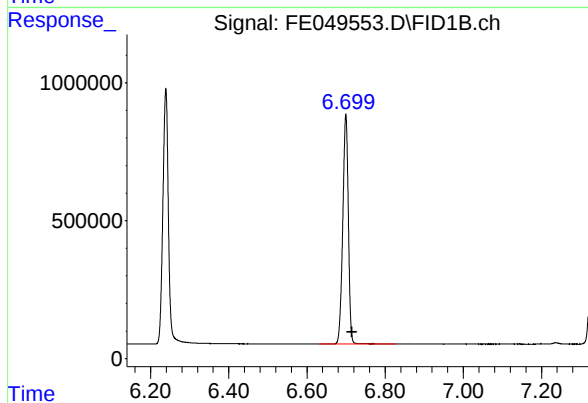
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.012 min
Response: 7963163
Conc: 51.56 ug/ml



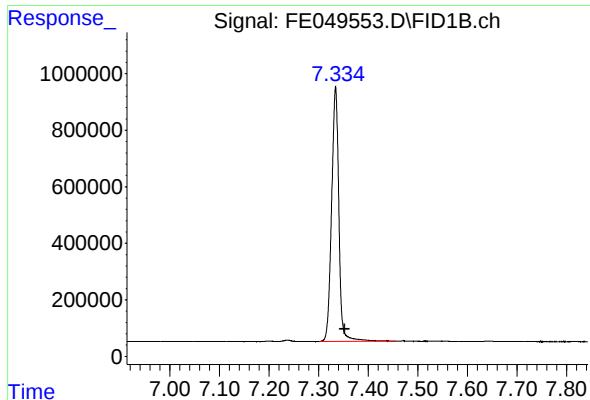
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.018 min
Response: 9226297
Conc: 59.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.016 min
Response: 8204795
Conc: 53.28 ug/ml



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

R.T.: 7.334 min
Delta R.T.: -0.018 min
Response: 9164782
Conc: 62.98 ug/ml

Instrument :

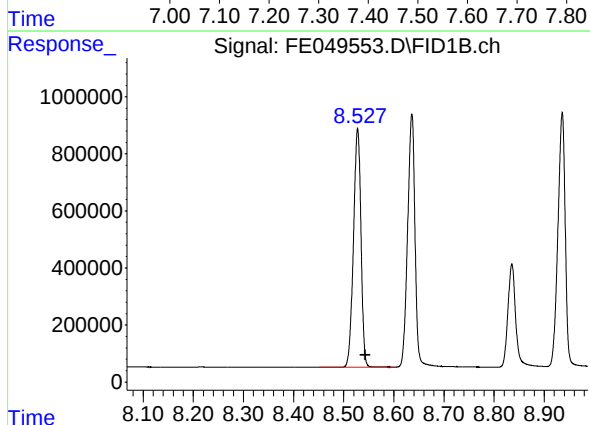
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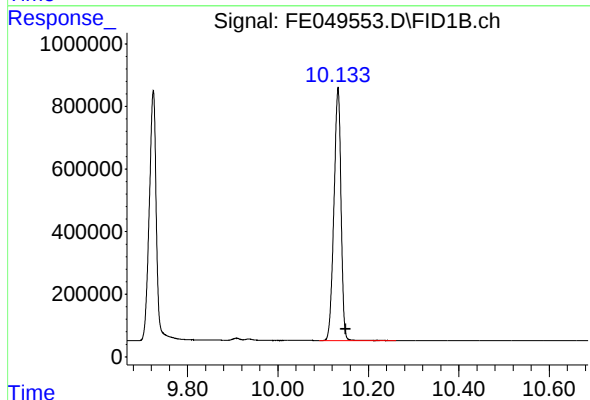
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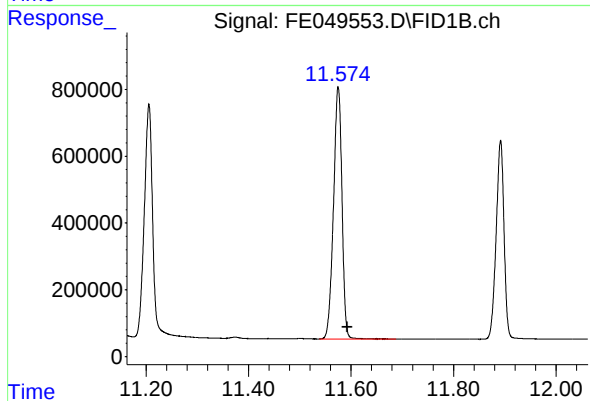
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 8703686
Conc: 57.35 ug/ml



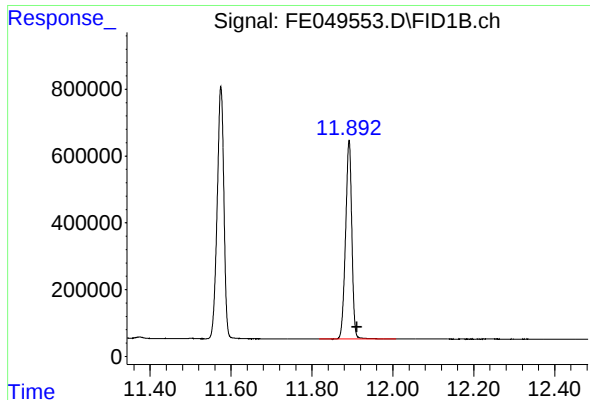
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.017 min
Response: 8775113
Conc: 57.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.018 min
Response: 8703561
Conc: 57.32 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.019 min
Response: 6385482
Conc: 41.17 ug/ml

Instrument :

FID_E

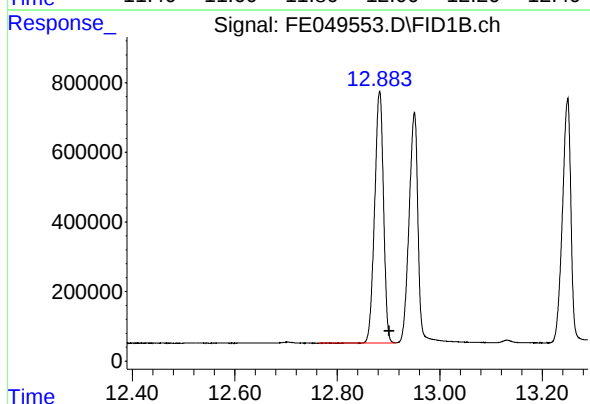
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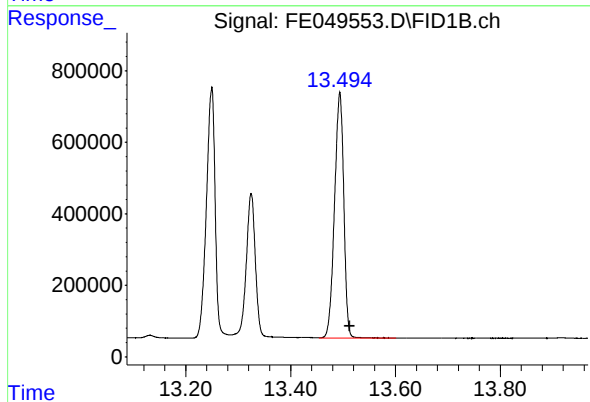
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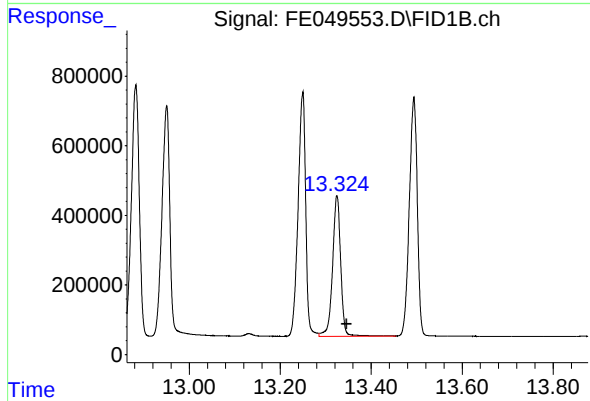
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.019 min
Response: 8687735
Conc: 60.08 ug/ml



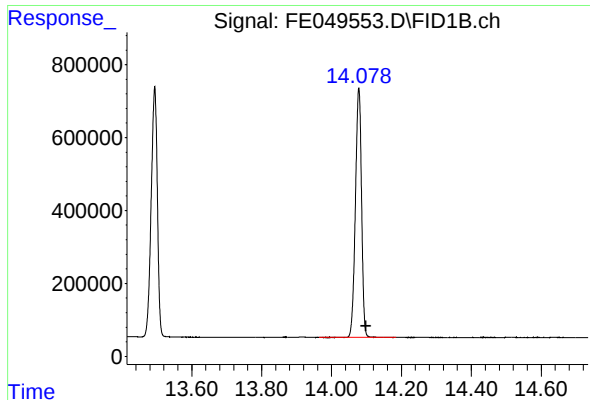
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.019 min
Response: 8420395
Conc: 59.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: -0.022 min
Response: 5047638
Conc: 43.20 ug/ml



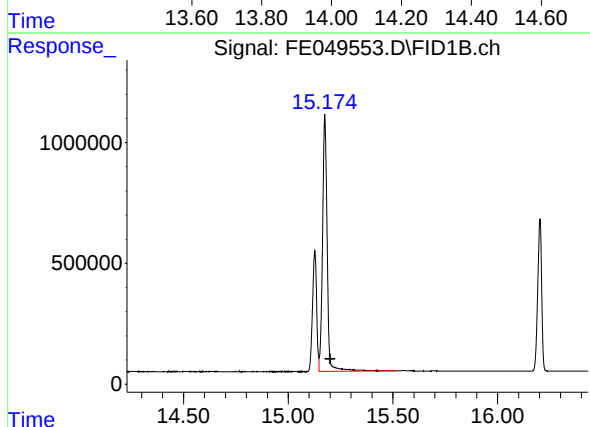
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 8323826
Conc: 59.25 ug/ml

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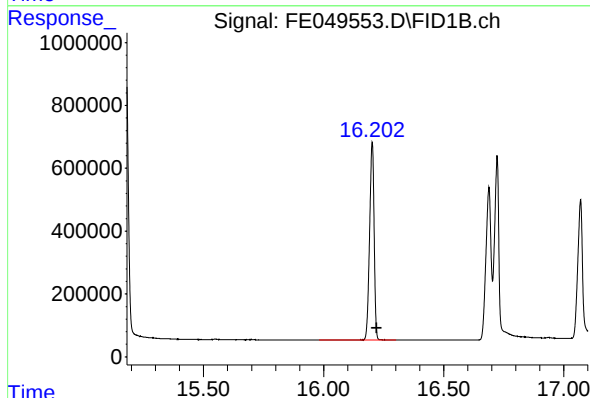
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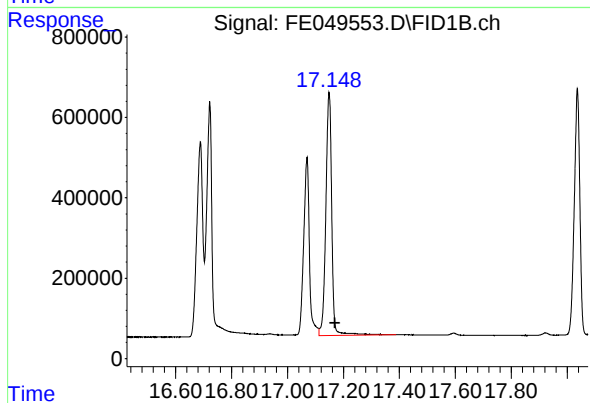
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.026 min
Response: 16341232
Conc: 116.60 ug/ml



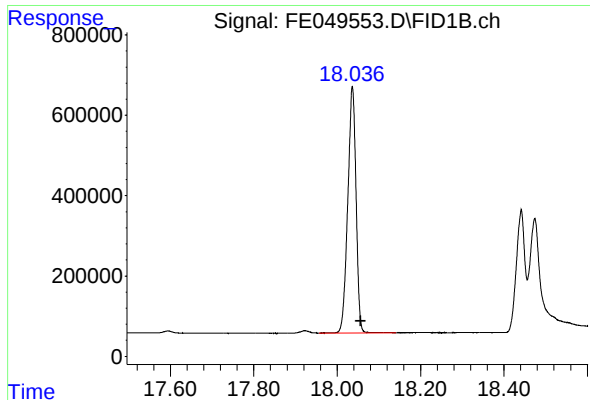
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.019 min
Response: 8231043
Conc: 58.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.021 min
Response: 8888522
Conc: 63.50 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: -0.020 min
Response: 8433179
Conc: 57.81 ug/ml

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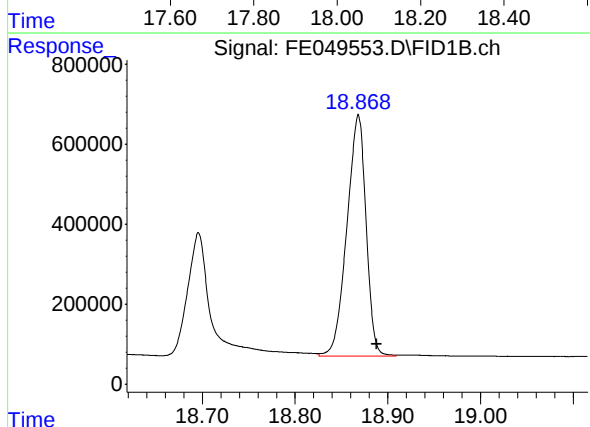
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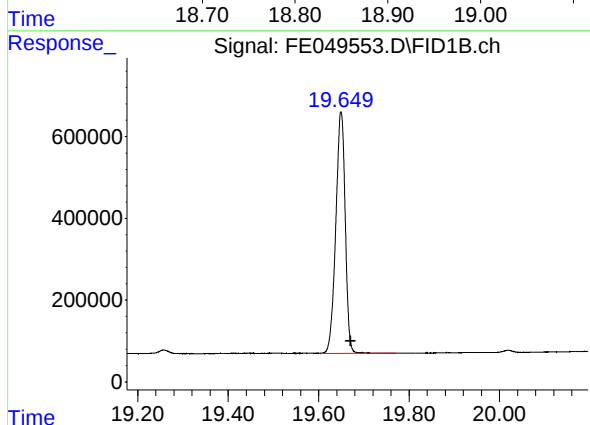
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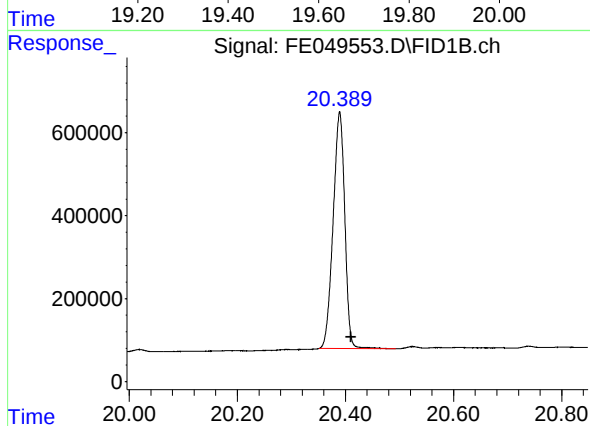
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.020 min
Response: 8658862
Conc: 58.89 ug/ml



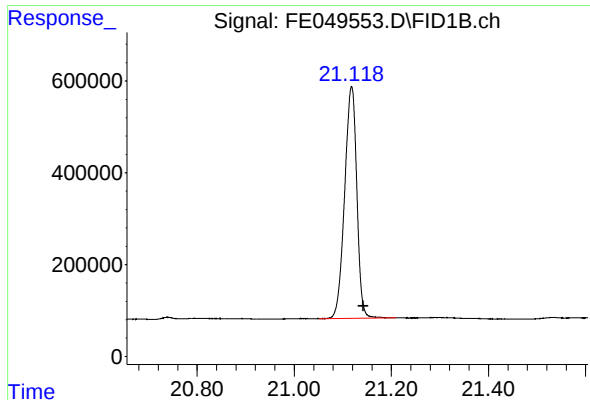
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.021 min
Response: 8545485
Conc: 58.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: -0.021 min
Response: 8556955
Conc: 59.36 ug/ml



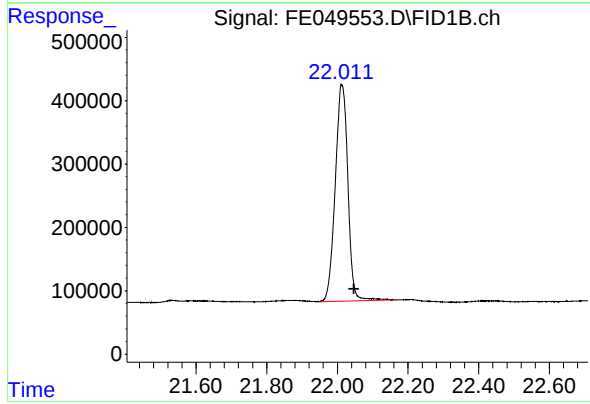
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.024 min
Response: 8788645
Conc: 58.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: -0.036 min
Response: 8493991
Conc: 56.29 ug/ml m