

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049041.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 14:11
 Operator : YP\AJ
 Sample : PB161989BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161989BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e

Quant Time: Jul 11 04:12:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 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)	11.925	4589857	27.450 ug/ml
Spiked Amount 50.000		Recovery =	54.90%
12) S 1-chlorooctadecane (S...	13.358	3975849	30.919 ug/ml
Spiked Amount 50.000		Recovery =	61.84%
Target Compounds			
1) T n-Nonane (C9)	3.320	5152806	34.274 ug/ml
2) T n-Decane (C10)	4.566	5651638	36.725 ug/ml
3) T A~Naphthalene (C11.7)	6.268	6518964	41.064 ug/ml
4) T n-Dodecane (C12)	6.727	5900113	38.220 ug/ml
5) T A~2-methylnaphthalene...	7.364	6728110	44.428 ug/ml
6) T n-Tetradecane (C14)	8.557	6592845	43.016 ug/ml
7) T n-Hexadecane (C16)	10.163	6711780	42.926 ug/ml
8) T n-Octadecane (C18)	11.606	6665343	41.792 ug/ml
10) T n-Eicosane (C20)	12.916	6657770	42.944 ug/ml
11) T n-Heneicosane (C21)	13.527	6419970	42.163 ug/ml
13) T n-Docosane (C22)	14.112	6364536	42.084 ug/ml
14) T n-Tetracosane (C24)	15.208	12009292	79.913 ug/ml
15) T n-Hexacosane (C26)	16.236	6285905	42.578 ug/ml
16) T n-Octacosane (C28)	17.185	6502768	45.091 ug/ml
17) T n-Tricontane (C30)	18.072	6315324	43.167 ug/ml
18) T n-Dotriacontane (C32)	18.902	6452880	45.131 ug/ml
19) T n-Tetratriacontane (C34)	19.687	6486569	46.878 ug/ml
20) T n-Hexatriacontane (C36)	20.426	6449810	49.627 ug/ml
21) T n-Octatriacontane (C38)	21.159	6830013	53.278 ug/mlm
22) T n-Tetracontane (C40)	22.074	6829003	55.765 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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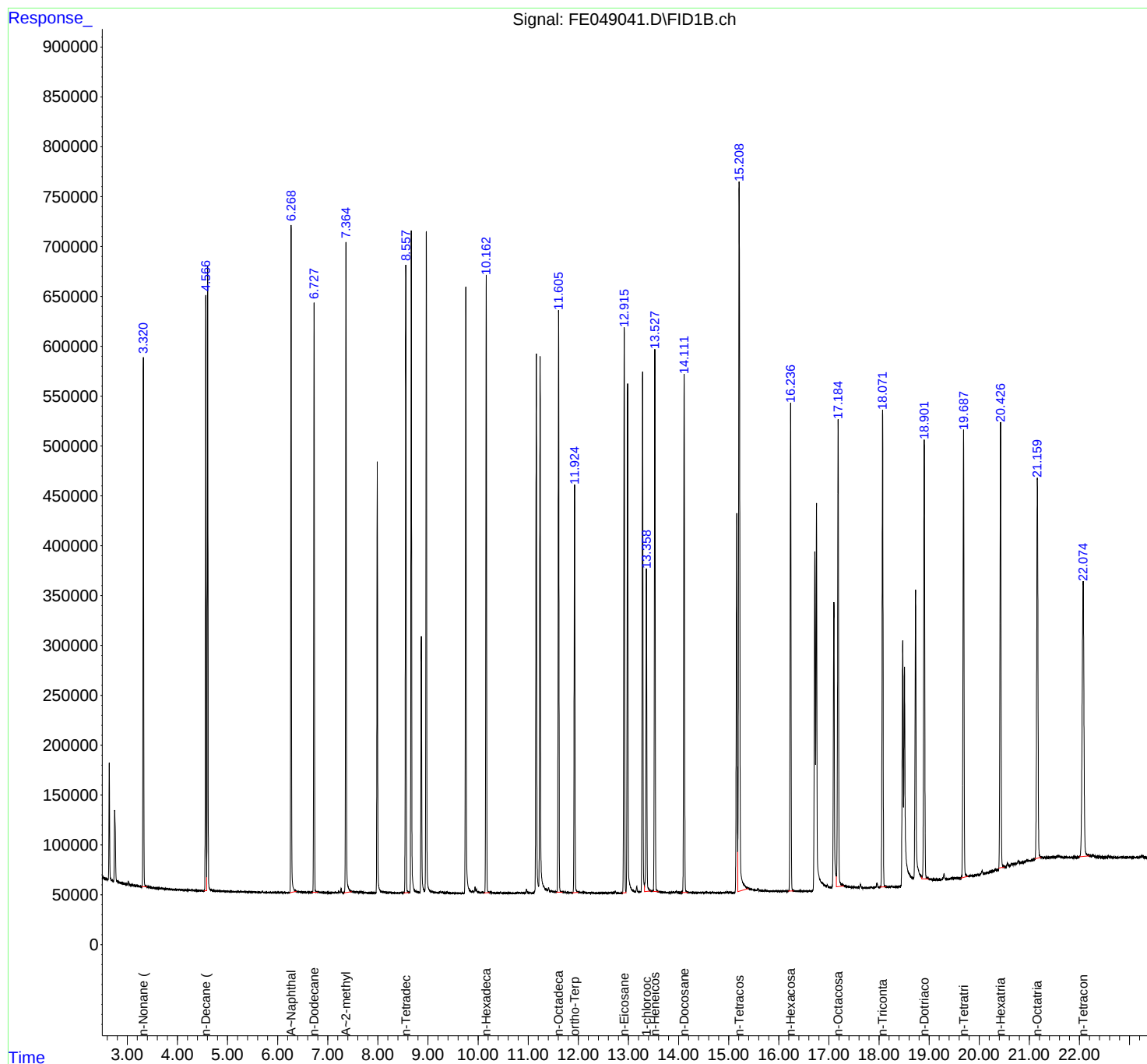
Response via : Initial Calibration

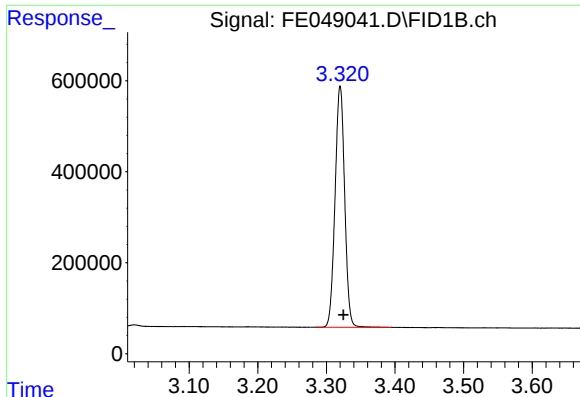
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.005 min
Response: 5152806
Conc: 34.27 ug/ml

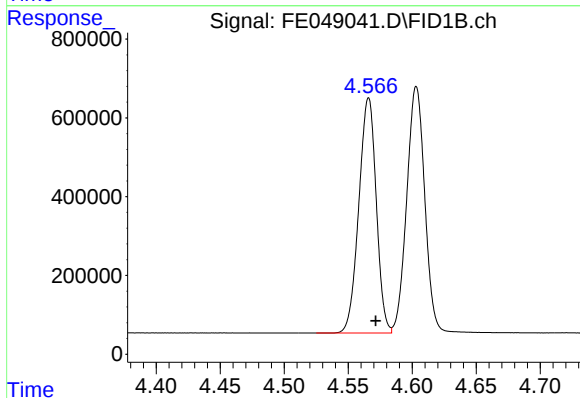
Instrument :

FID_E

ClientSampleId :
PB161989BS

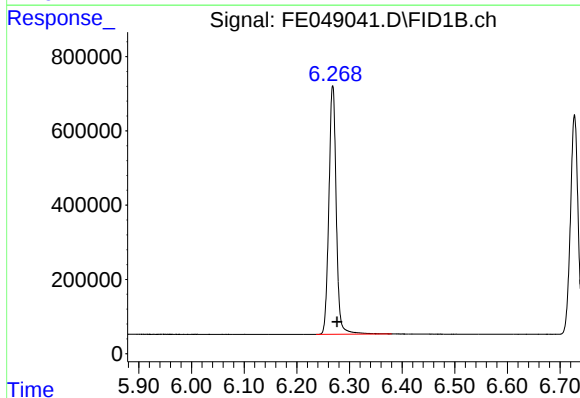
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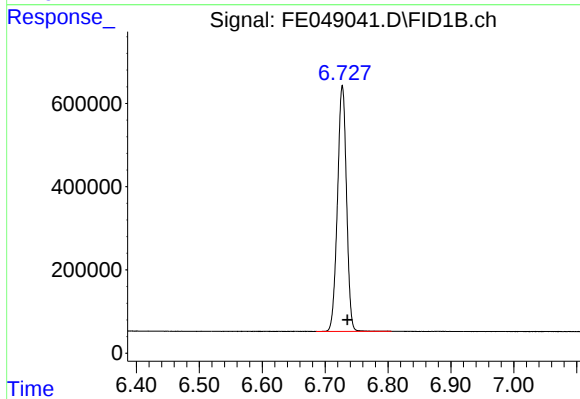
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.005 min
Response: 5651638
Conc: 36.73 ug/ml



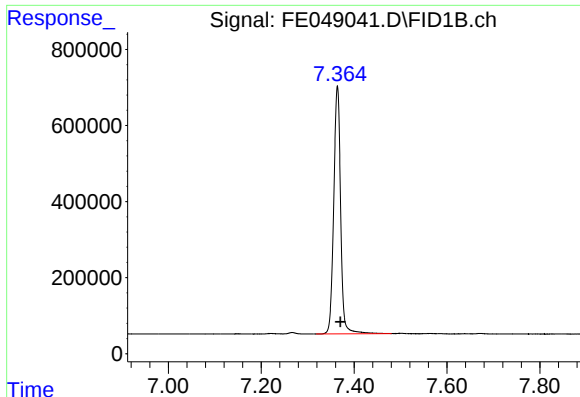
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.008 min
Response: 6518964
Conc: 41.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 5900113
Conc: 38.22 ug/ml



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

R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 6728110
Conc: 44.43 ug/ml

Instrument :

FID_E

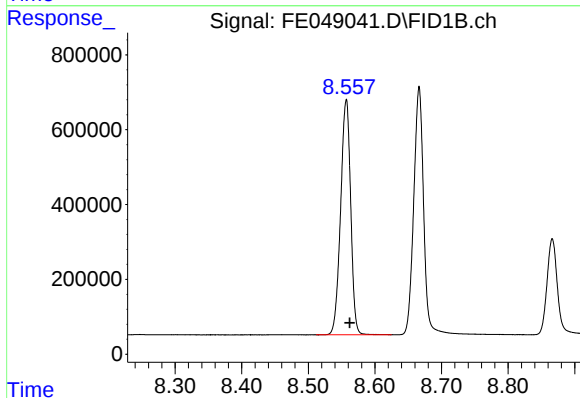
ClientSampleId :

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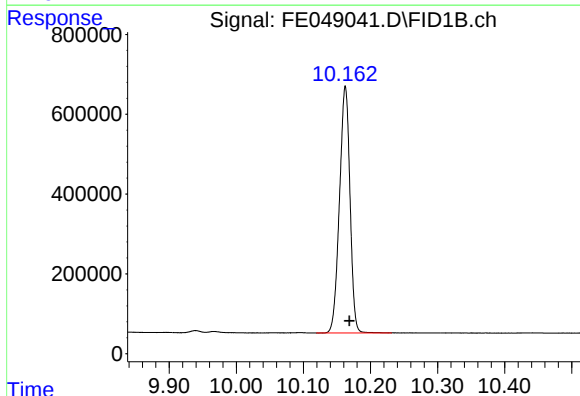
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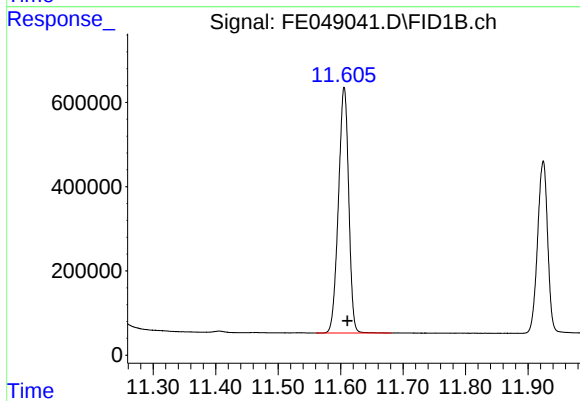
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 6592845
Conc: 43.02 ug/ml



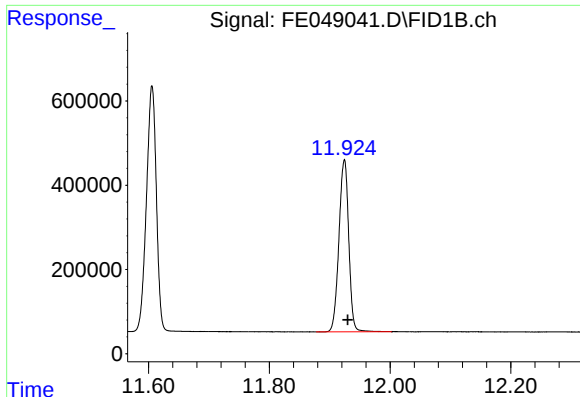
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.006 min
Response: 6711780
Conc: 42.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.005 min
Response: 6665343
Conc: 41.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.005 min
Response: 4589857
Conc: 27.45 ug/ml

Instrument :

FID_E

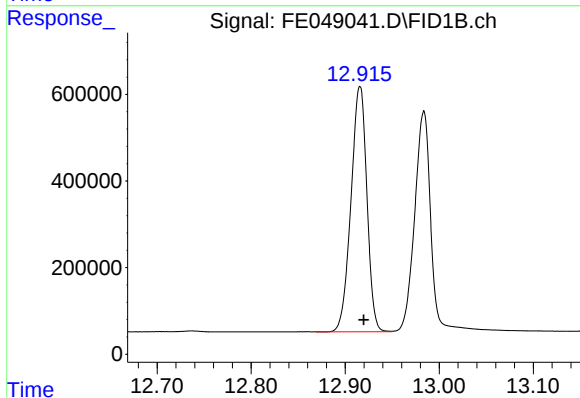
ClientSampleId :

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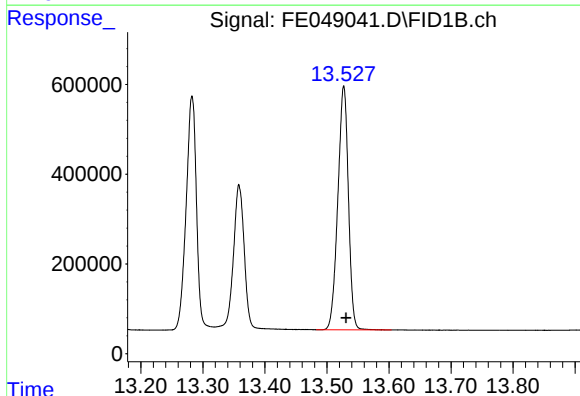
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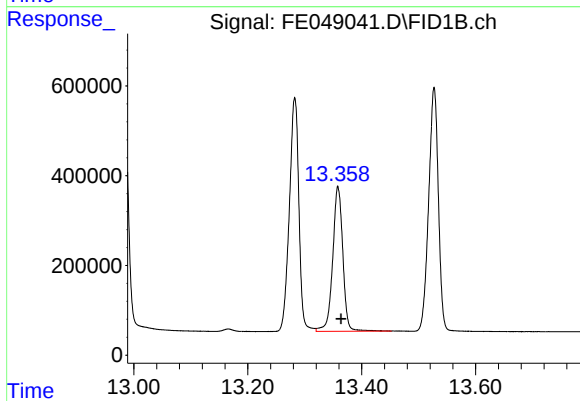
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.004 min
Response: 6657770
Conc: 42.94 ug/ml



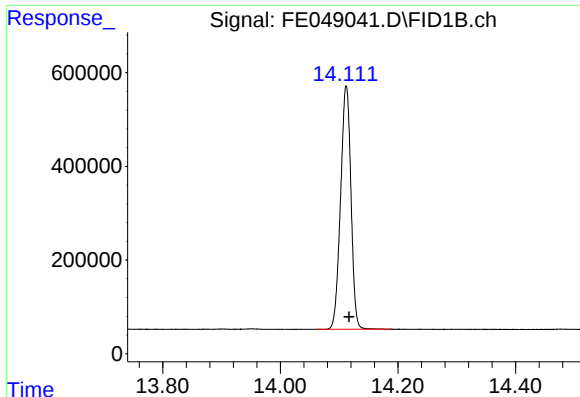
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.004 min
Response: 6419970
Conc: 42.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.005 min
Response: 3975849
Conc: 30.92 ug/ml



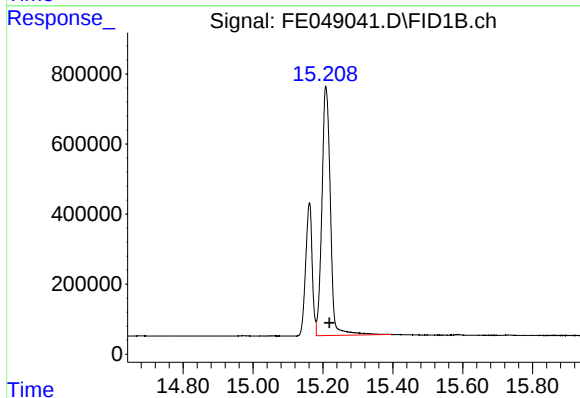
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.004 min
Response: 6364536
Conc: 42.08 ug/ml

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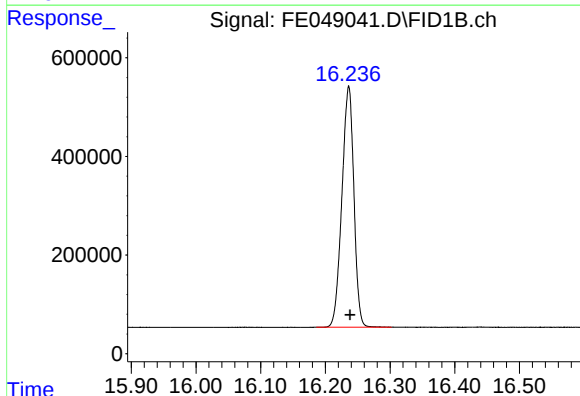
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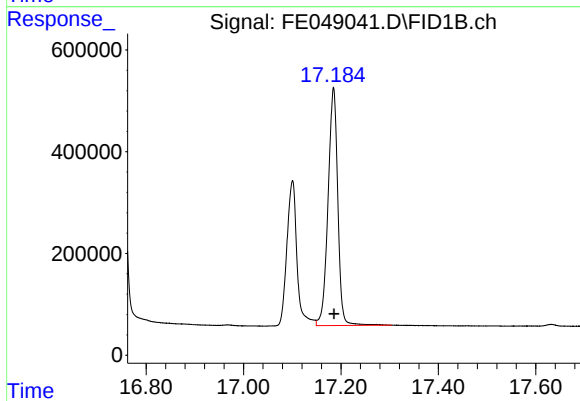
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.010 min
Response: 12009292
Conc: 79.91 ug/ml



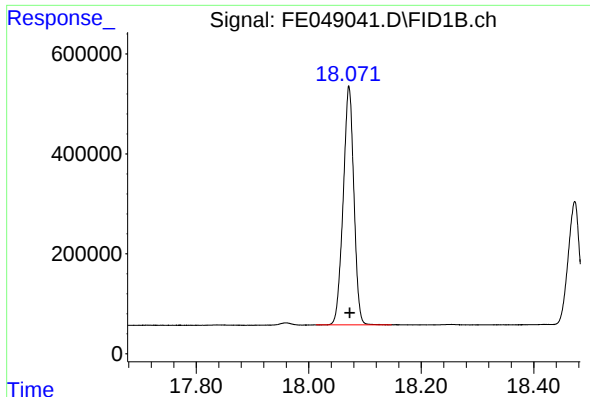
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.002 min
Response: 6285905
Conc: 42.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.001 min
Response: 6502768
Conc: 45.09 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.002 min
Response: 6315324
Conc: 43.17 ug/ml

Instrument :

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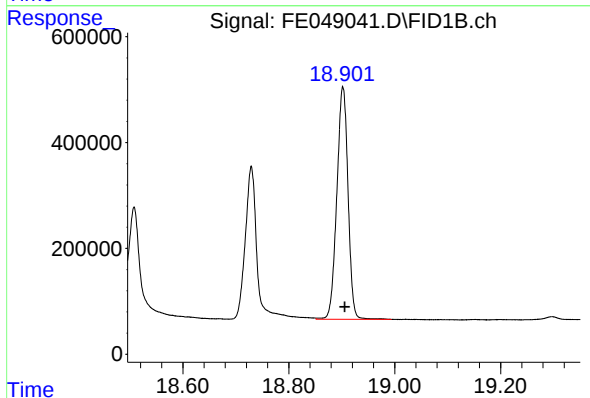
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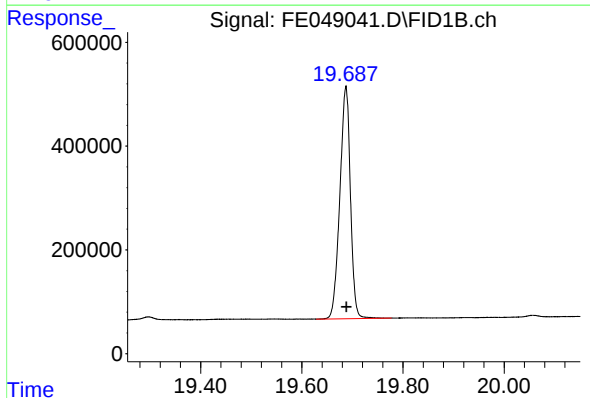
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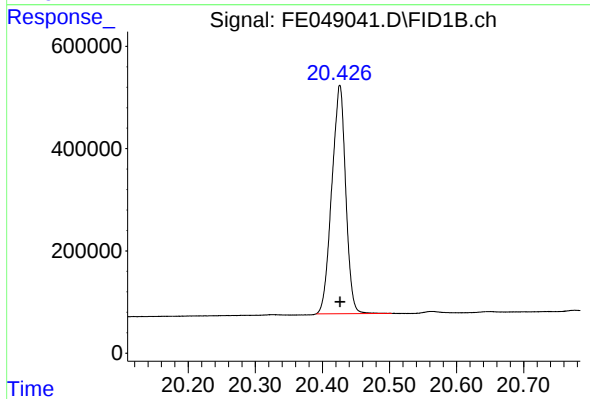
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.003 min
Response: 6452880
Conc: 45.13 ug/ml



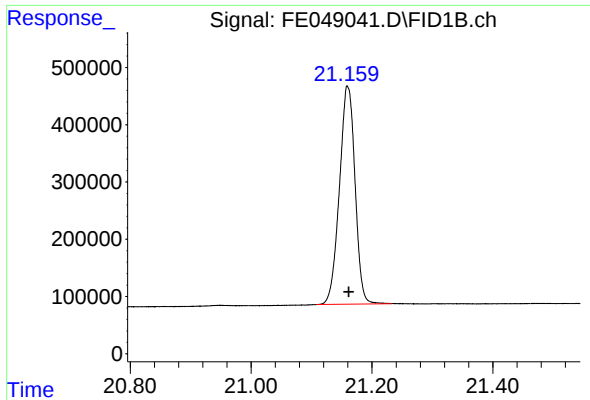
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: 0.000 min
Response: 6486569
Conc: 46.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.000 min
Response: 6449810
Conc: 49.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.003 min
Response: 6830013
Conc: 53.28 ug/ml

Instrument :

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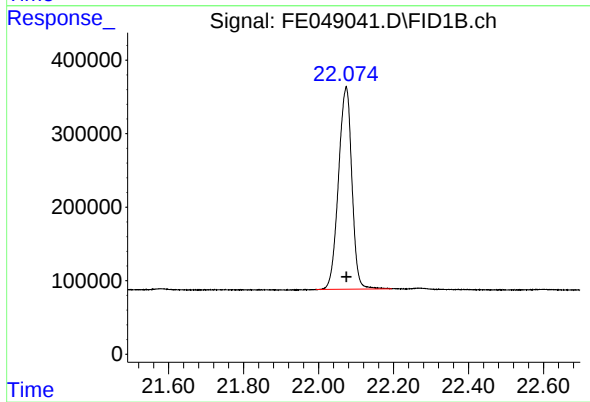
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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.000 min
Response: 6829003
Conc: 55.77 ug/ml m