

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061924AL\
 Data File : FE048783.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2024 13:37
 Operator : YP\AJ
 Sample : PB161581BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161581BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2024
 Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e
 Quant Time: Jun 20 01:20:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.937	6289361	43.799 ug/ml
Spiked Amount 50.000		Recovery =	87.60%
12) S 1-chlorooctadecane (S...	13.371	5324751	48.877 ug/ml
Spiked Amount 50.000		Recovery =	97.75%
Target Compounds			
1) T n-Nonane (C9)	3.333	5450375	36.456 ug/ml
2) T n-Decane (C10)	4.579	5752556	38.096 ug/ml
3) T A~Naphthalene (C11.7)	6.281	6285110	42.211 ug/ml
4) T n-Dodecane (C12)	6.740	5745136	38.812 ug/ml
5) T A~2-methylnaphthalene...	7.376	6341970	45.740 ug/ml
6) T n-Tetradecane (C14)	8.569	6251028	44.073 ug/ml
7) T n-Hexadecane (C16)	10.175	6349072	45.036 ug/ml
8) T n-Octadecane (C18)	11.618	6237920	44.914 ug/ml
10) T n-Eicosane (C20)	12.927	6169328	46.619 ug/ml
11) T n-Heneicosane (C21)	13.538	5941445	45.869 ug/ml
13) T n-Docosane (C22)	14.124	5885906	45.676 ug/ml
14) T n-Tetracosane (C24)	15.218	11095424	85.646 ug/ml
15) T n-Hexacosane (C26)	16.246	5851391	45.148 ug/ml
16) T n-Octacosane (C28)	17.194	6198276	47.955 ug/ml
17) T n-Tricontane (C30)	18.081	5979516	44.636 ug/ml
18) T n-Dotriacontane (C32)	18.912	6243485	45.996 ug/ml
19) T n-Tetratriacontane (C34)	19.695	6318134	46.185 ug/ml
20) T n-Hexatriacontane (C36)	20.434	6296300	46.318 ug/mlm
21) T n-Octatriacontane (C38)	21.171	6347481	46.545 ug/ml
22) T n-Tetracontane (C40)	22.081	5991567	43.759 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

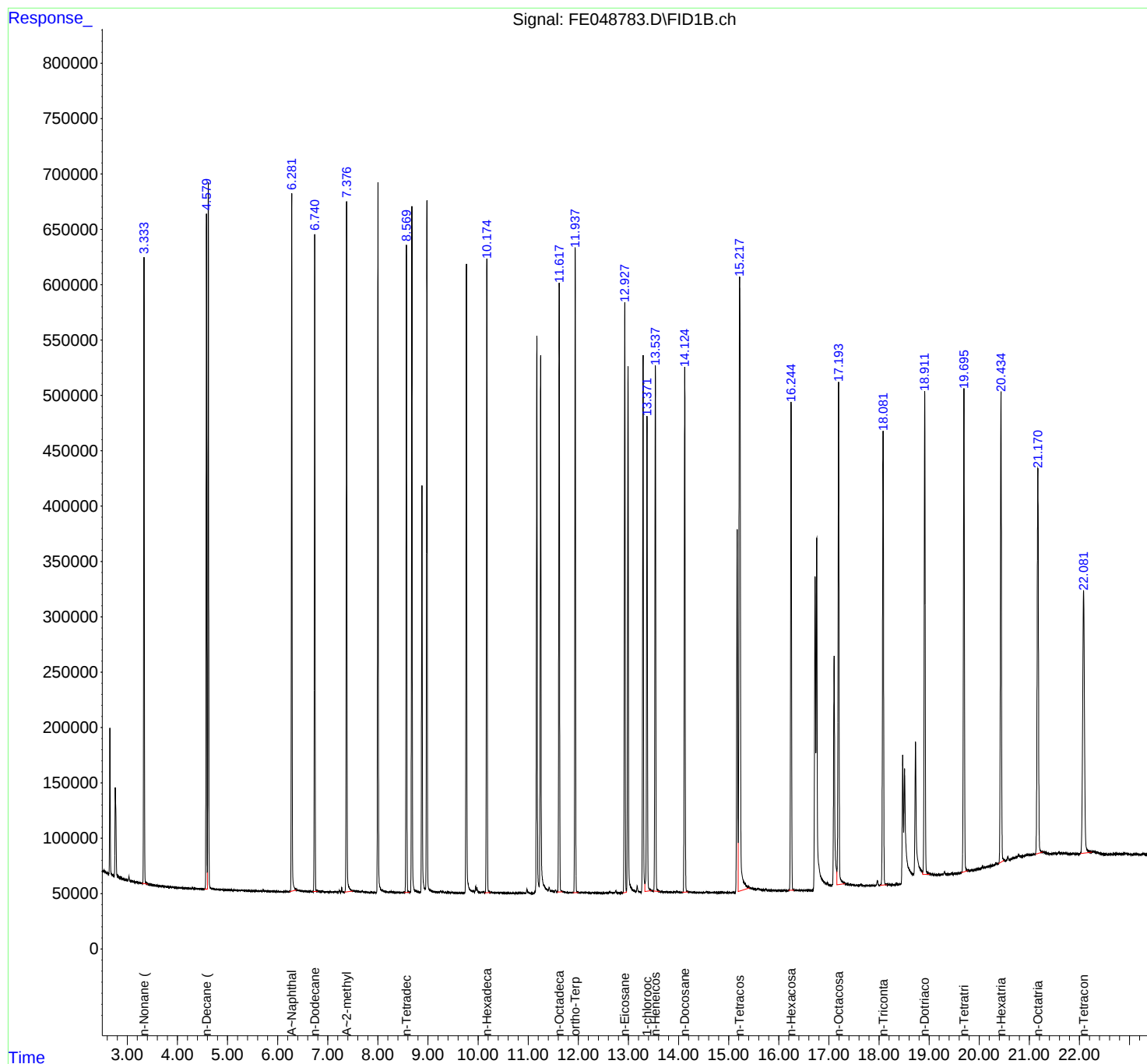
Response via : Initial Calibration

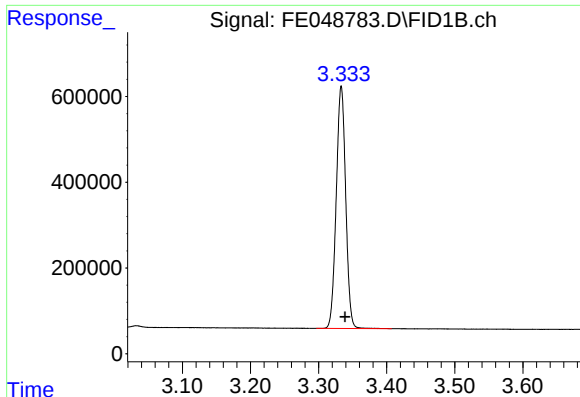
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.006 min
Response: 5450375
Conc: 36.46 ug/ml

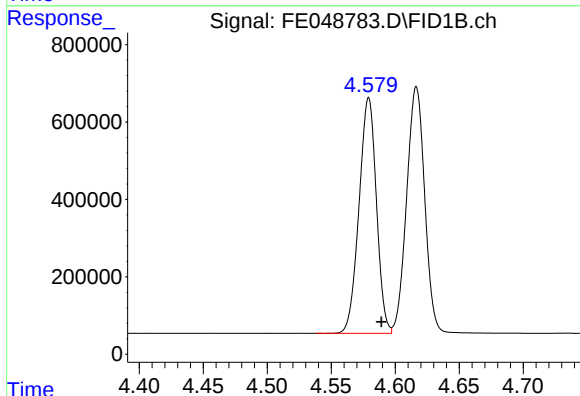
Instrument :

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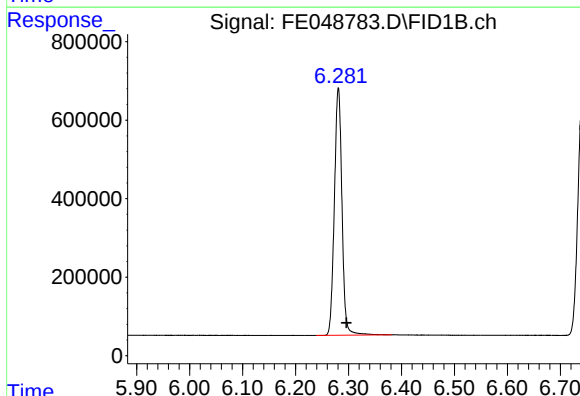
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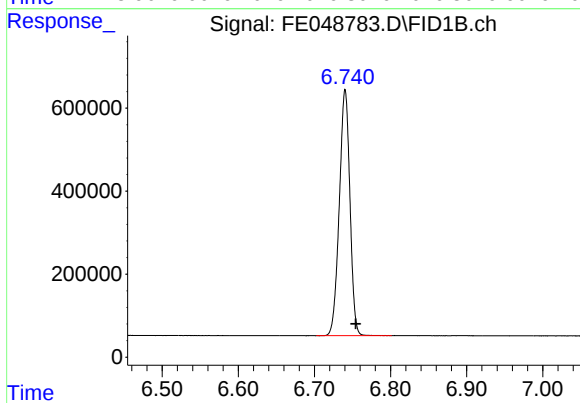
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.010 min
Response: 5752556
Conc: 38.10 ug/ml



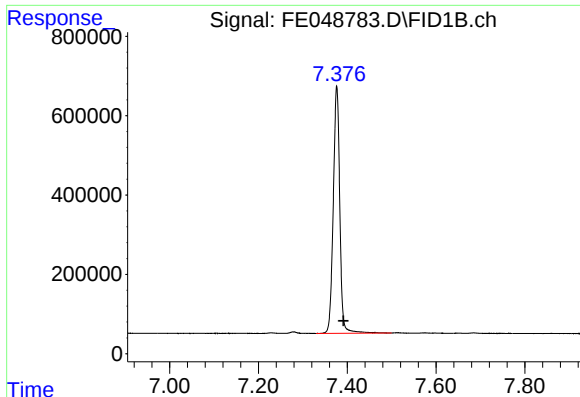
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.015 min
Response: 6285110
Conc: 42.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 5745136
Conc: 38.81 ug/ml



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

R.T.: 7.376 min
Delta R.T.: -0.015 min
Response: 6341970
Conc: 45.74 ug/ml

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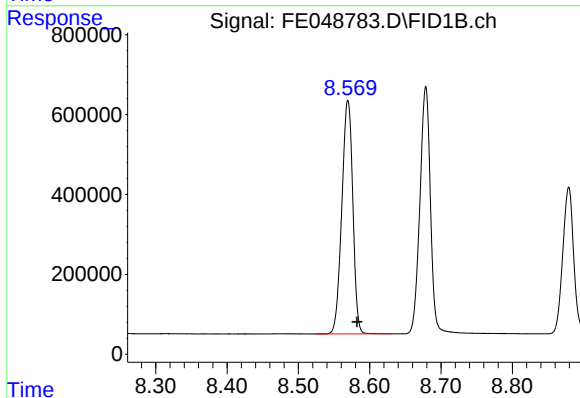
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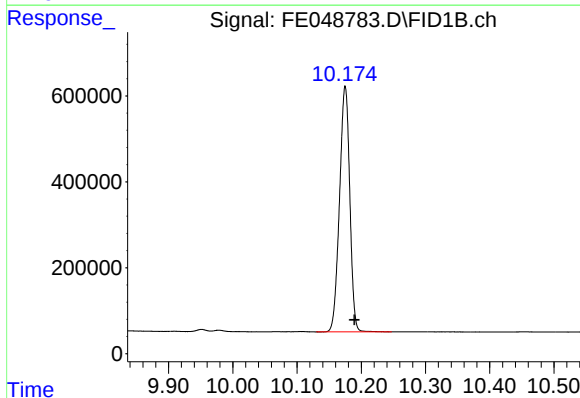
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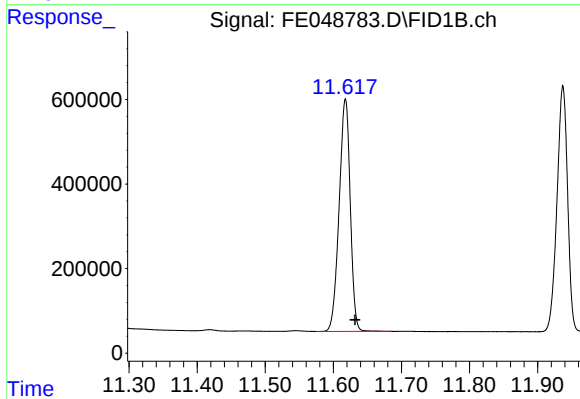
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.013 min
Response: 6251028
Conc: 44.07 ug/ml



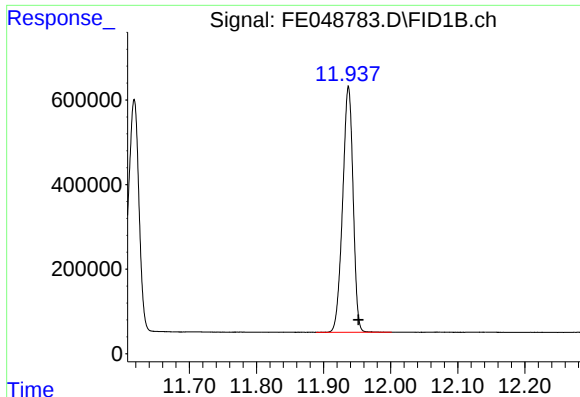
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.014 min
Response: 6349072
Conc: 45.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 6237920
Conc: 44.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.937 min
Delta R.T.: -0.015 min
Response: 6289361
Conc: 43.80 ug/ml

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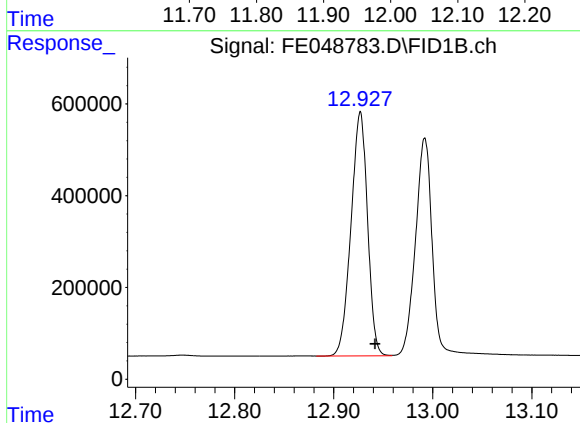
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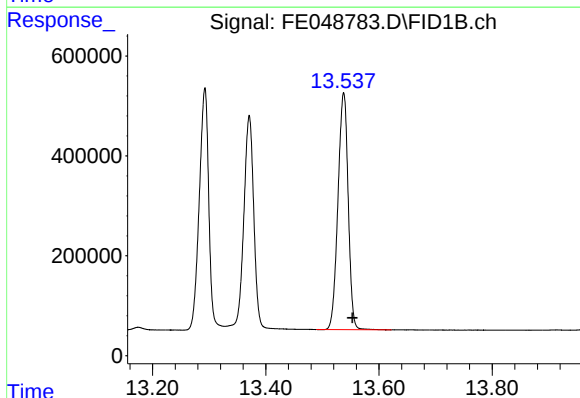
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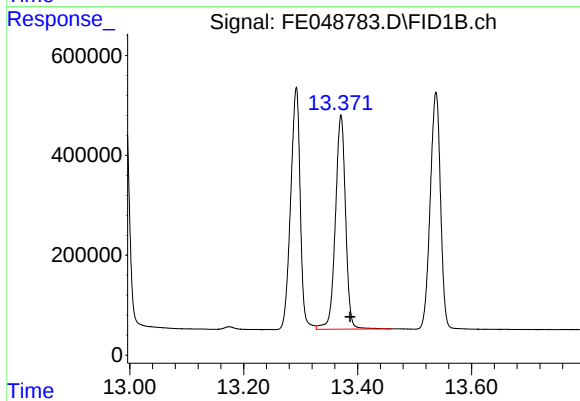
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 6169328
Conc: 46.62 ug/ml



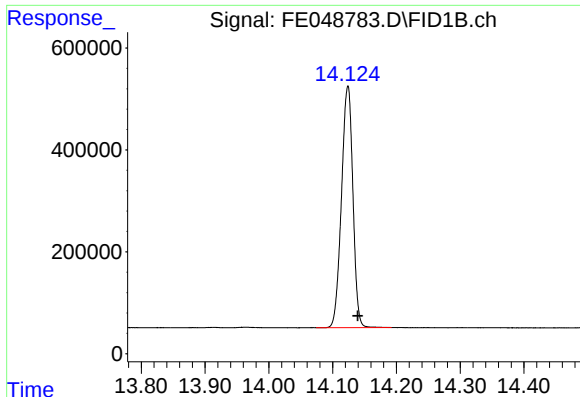
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.015 min
Response: 5941445
Conc: 45.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.016 min
Response: 5324751
Conc: 48.88 ug/ml



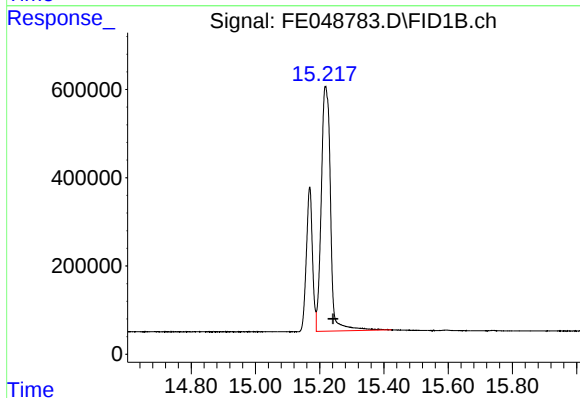
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.015 min
Response: 5885906
Conc: 45.68 ug/ml

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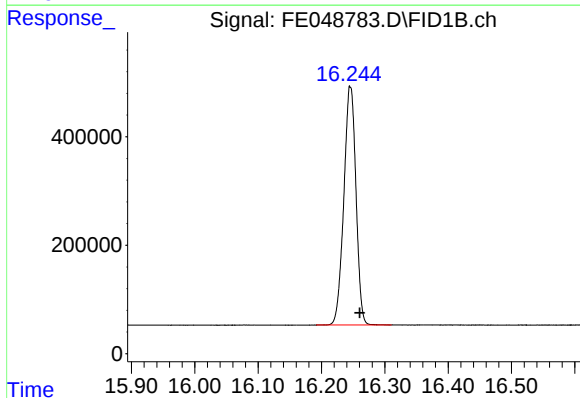


#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.024 min
Response: 11095424
Conc: 85.65 ug/ml

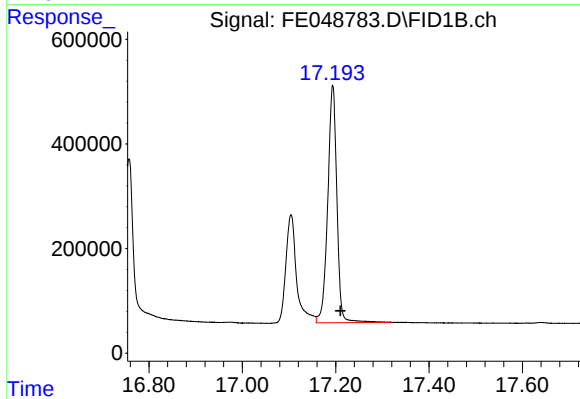
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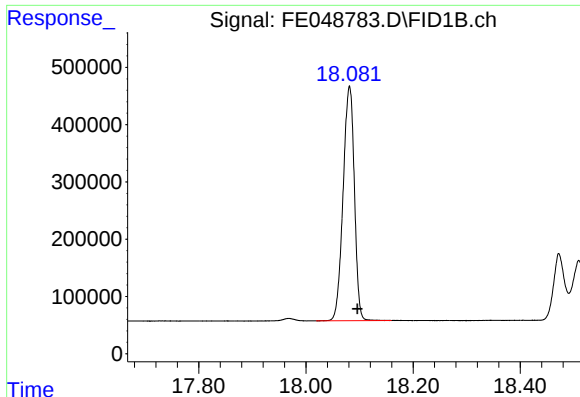
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.015 min
Response: 5851391
Conc: 45.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.016 min
Response: 6198276
Conc: 47.95 ug/ml



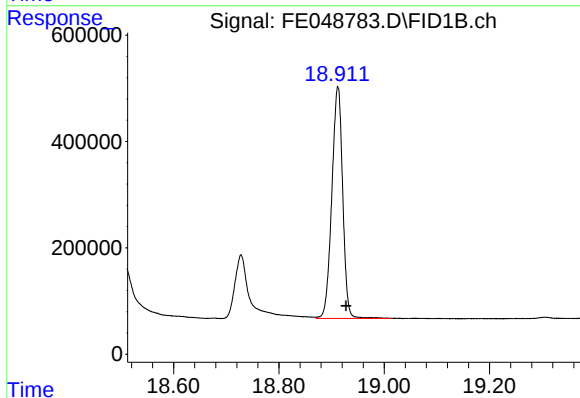
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: -0.015 min
Response: 5979516
Conc: 44.64 ug/ml

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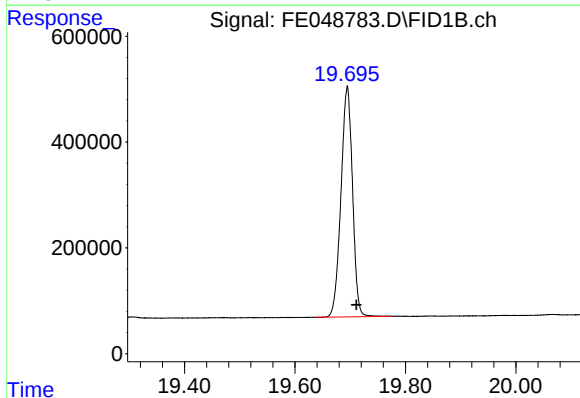


#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.016 min
Response: 6243485
Conc: 46.00 ug/ml

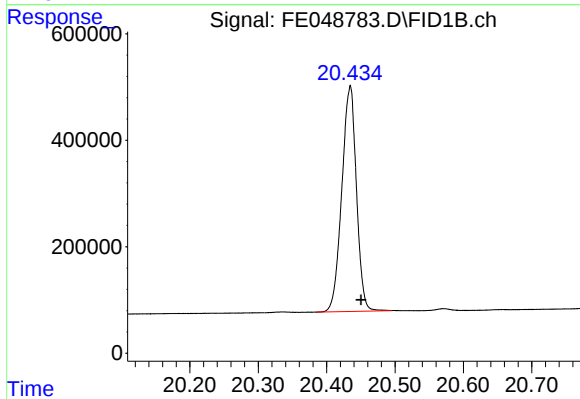
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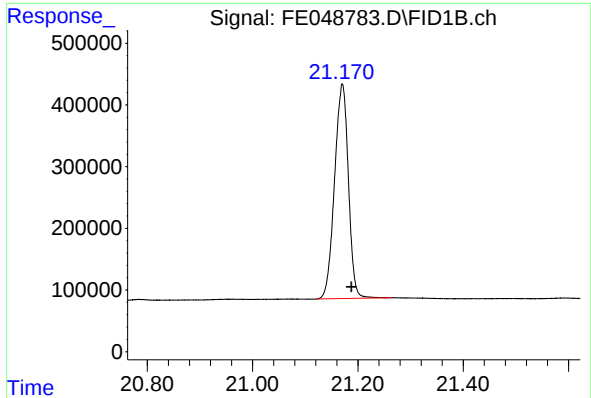
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.016 min
Response: 6318134
Conc: 46.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.016 min
Response: 6296300
Conc: 46.32 ug/ml m



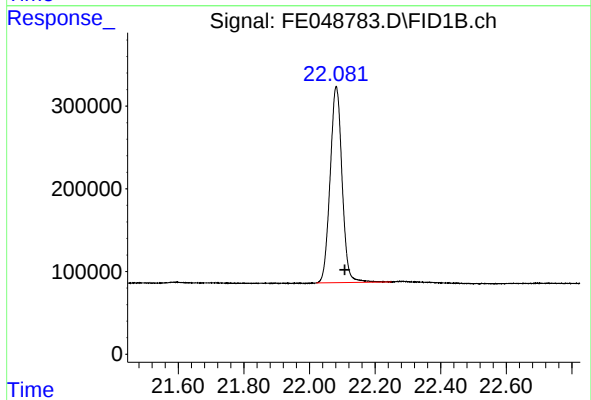
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.017 min
Response: 6347481
Conc: 46.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.081 min
Delta R.T.: -0.026 min
Response: 5991567
Conc: 43.76 ug/ml

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