

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
 Data File : FE047860.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2024 15:29
 Operator : YP\AJ
 Sample : PB160577BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160577BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/30/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: Apr 30 01:50:34 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.975	6046306	41.911 ug/ml
Spiked Amount 50.000		Recovery =	83.82%
12) S 1-chlorooctadecane (S...	13.406	4993274	44.686 ug/mlm
Spiked Amount 50.000		Recovery =	89.37%
Target Compounds			
1) T n-Nonane (C9)	3.359	5435821	42.178 ug/ml
2) T n-Decane (C10)	4.609	5753729	43.703 ug/ml
3) T A~Naphthalene (C11.7)	6.315	5991200	43.389 ug/ml
4) T n-Dodecane (C12)	6.773	5959505	44.703 ug/ml
5) T A~2-methylnaphthalene...	7.411	5934115	44.592 ug/ml
6) T n-Tetradecane (C14)	8.603	6037508	45.559 ug/ml
7) T n-Hexadecane (C16)	10.210	6012984	43.720 ug/ml
8) T n-Octadecane (C18)	11.654	6145805	44.120 ug/ml
10) T n-Eicosane (C20)	12.963	6187189	45.952 ug/ml
11) T n-Heneicosane (C21)	13.575	6015787	45.445 ug/ml
13) T n-Docosane (C22)	14.160	5965754	45.018 ug/ml
14) T n-Tetracosane (C24)	15.257	10218047	76.739 ug/mlm
15) T n-Hexacosane (C26)	16.284	5850179	43.840 ug/ml
16) T n-Octacosane (C28)	17.231	6001420	45.074 ug/ml
17) T n-Tricontane (C30)	18.120	5919500	42.891 ug/ml
18) T n-Dotriacontane (C32)	18.951	5933325	42.956 ug/ml
19) T n-Tetratriacontane (C34)	19.735	6164225	45.251 ug/ml
20) T n-Hexatriacontane (C36)	20.474	6264453	46.267 ug/ml
21) T n-Octatriacontane (C38)	21.216	6410229	46.428 ug/ml
22) T n-Tetracontane (C40)	22.144	6350096	45.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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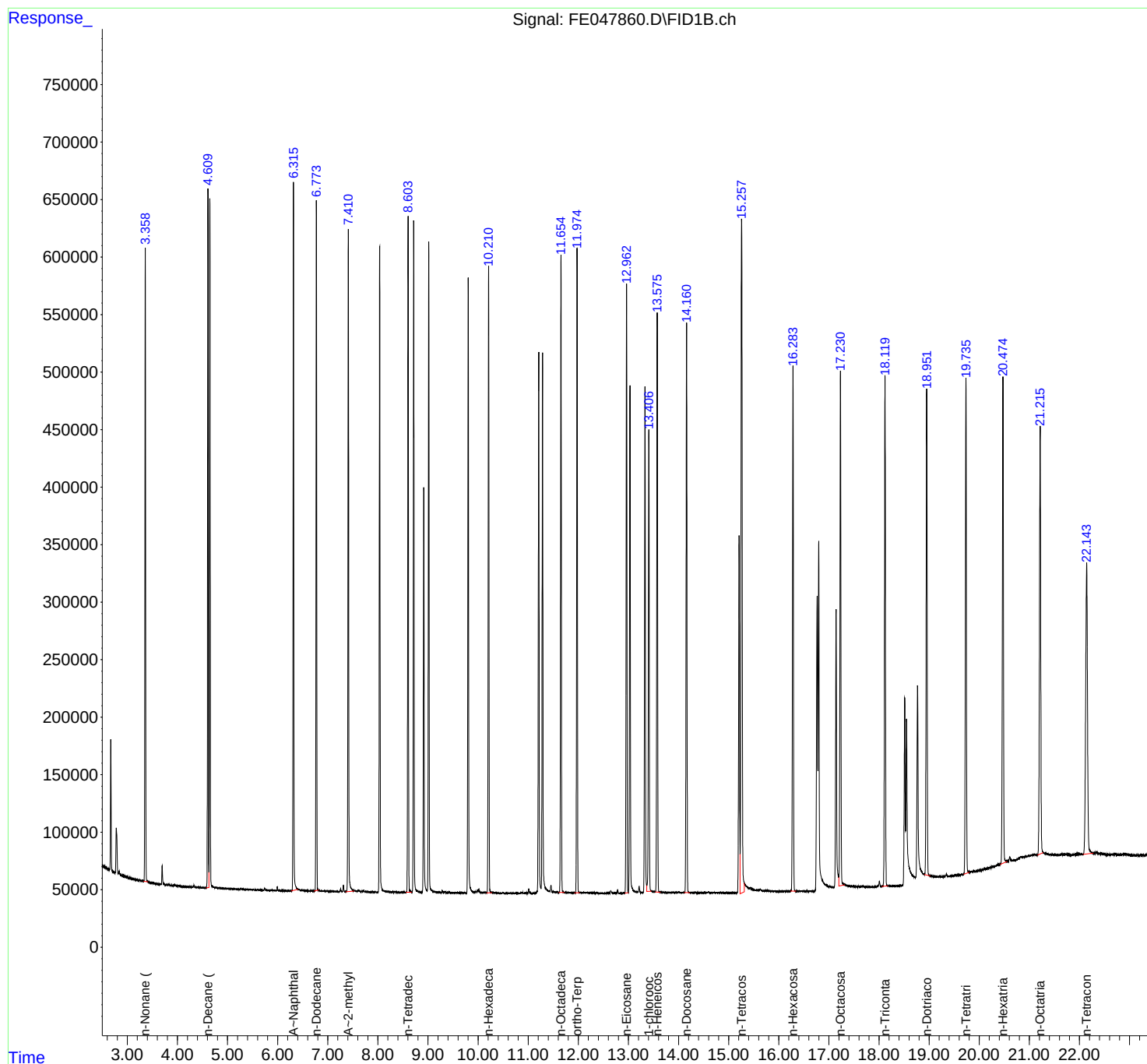
Response via : Initial Calibration

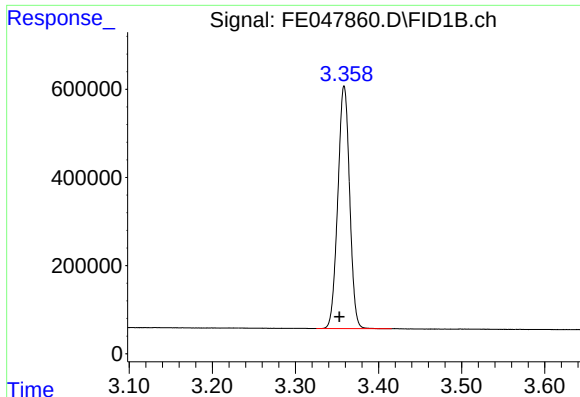
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: 0.006 min
Response: 5435821
Conc: 42.18 ug/ml

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FID_E

ClientSampleId :

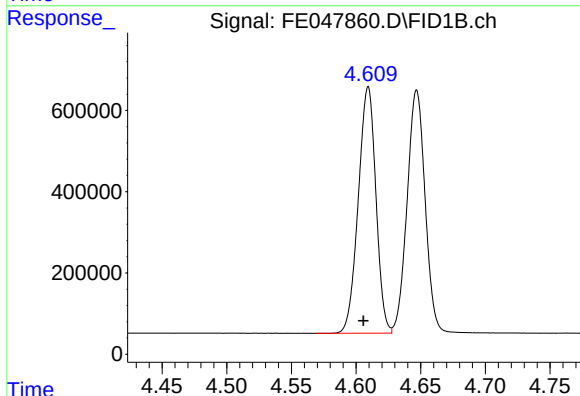
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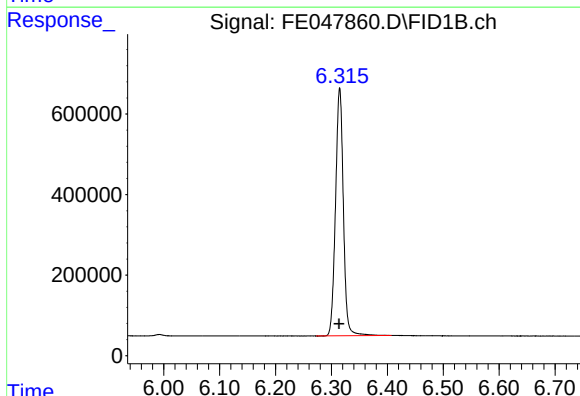
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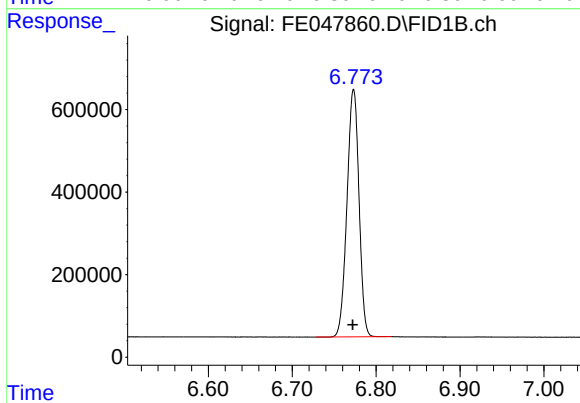
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 5753729
Conc: 43.70 ug/ml



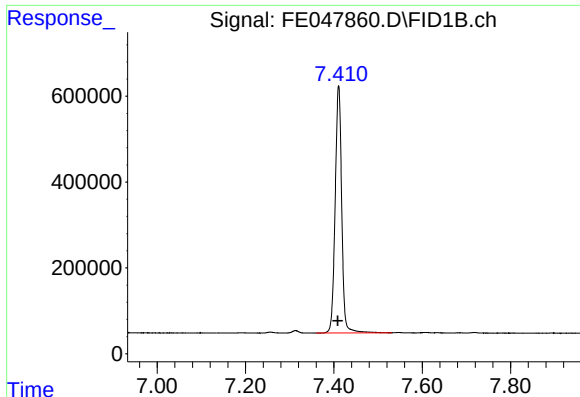
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 5991200
Conc: 43.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.001 min
Response: 5959505
Conc: 44.70 ug/ml



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

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 5934115
Conc: 44.59 ug/ml

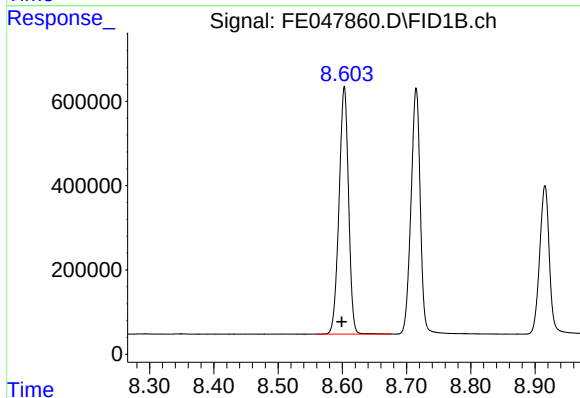
Instrument :

FID_E

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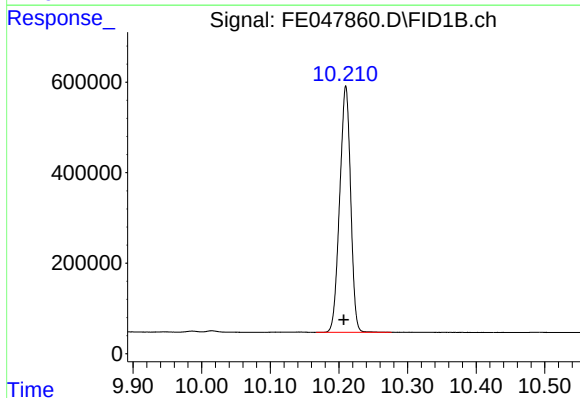
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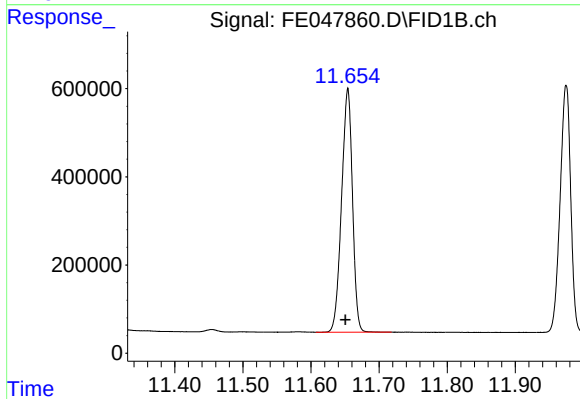
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.004 min
Response: 6037508
Conc: 45.56 ug/ml



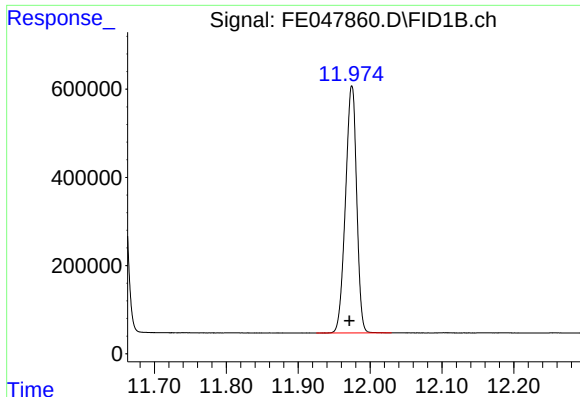
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6012984
Conc: 43.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.004 min
Response: 6145805
Conc: 44.12 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.004 min
Response: 6046306
Conc: 41.91 ug/ml

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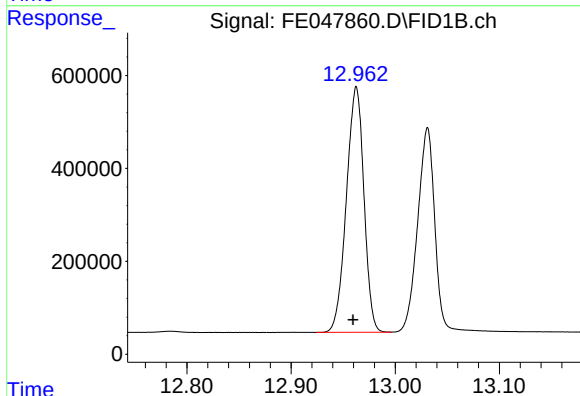
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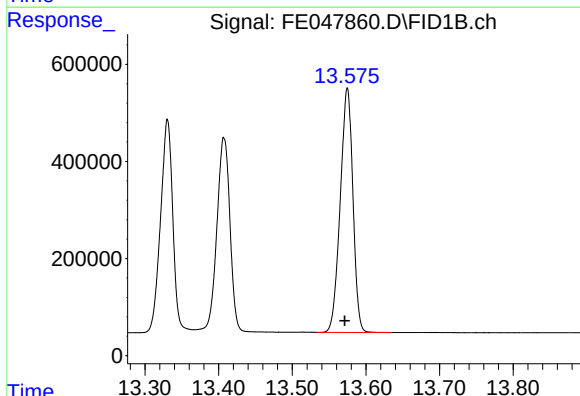
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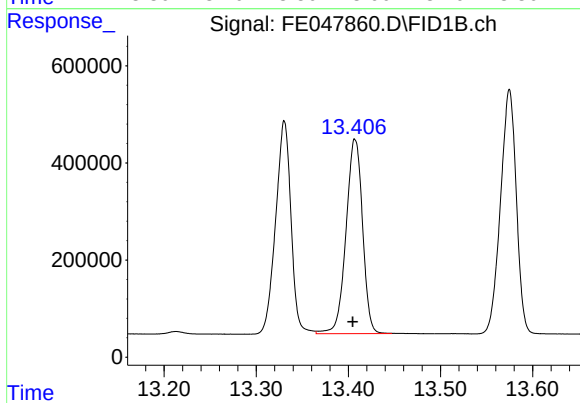
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 6187189
Conc: 45.95 ug/ml



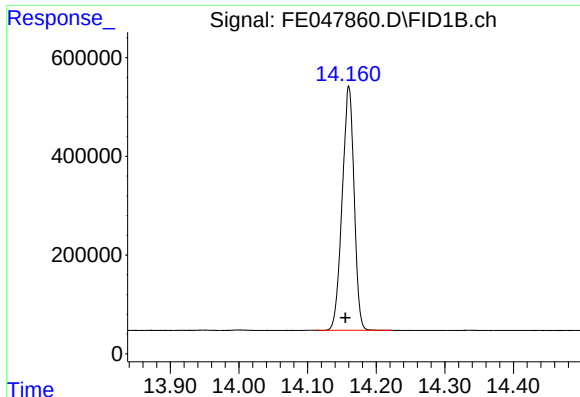
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.004 min
Response: 6015787
Conc: 45.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.001 min
Response: 4993274
Conc: 44.69 ug/ml m



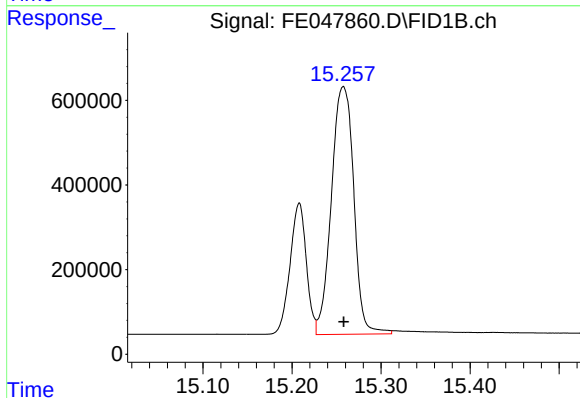
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: 0.005 min
Response: 5965754
Conc: 45.02 ug/ml

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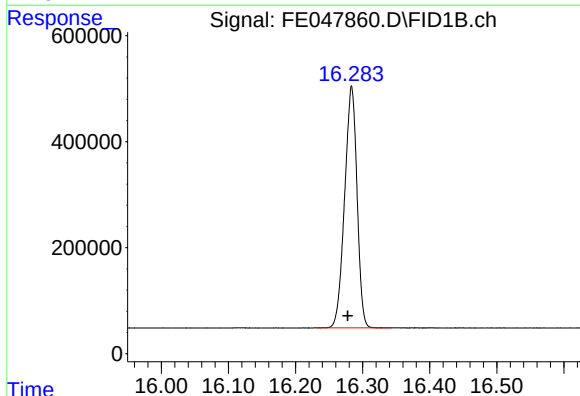
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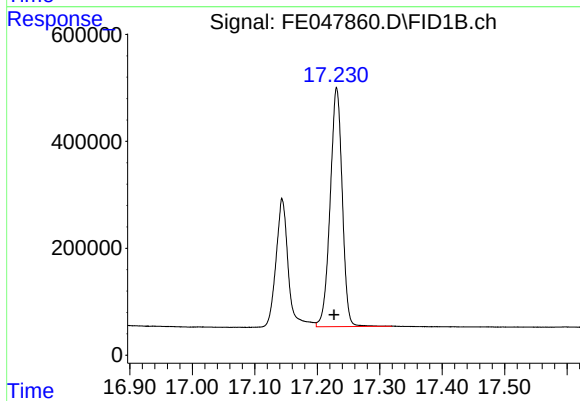
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 10218047
Conc: 76.74 ug/ml m



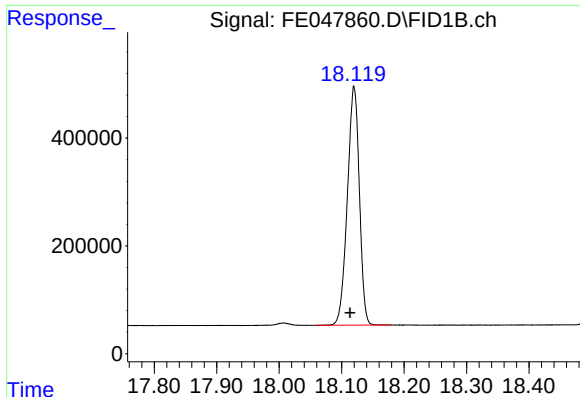
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 5850179
Conc: 43.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.004 min
Response: 6001420
Conc: 45.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: 0.007 min
Response: 5919500
Conc: 42.89 ug/ml

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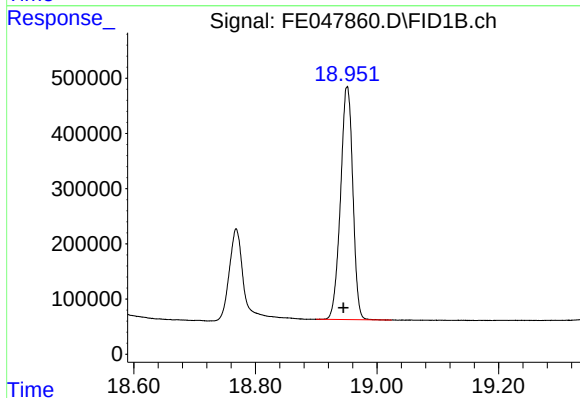
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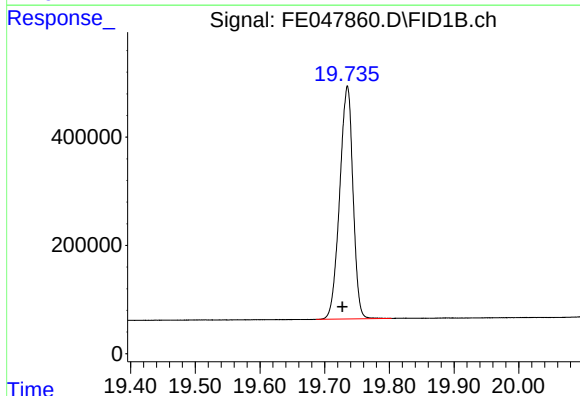
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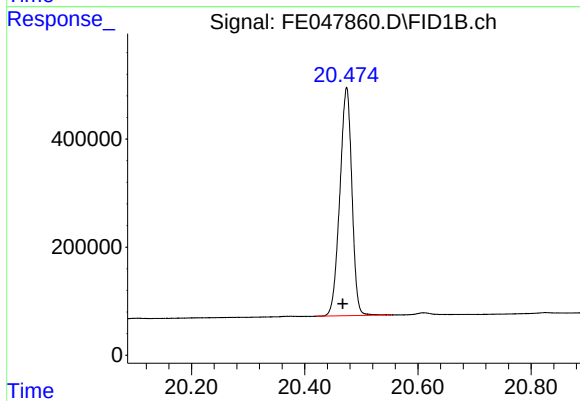
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.006 min
Response: 5933325
Conc: 42.96 ug/ml



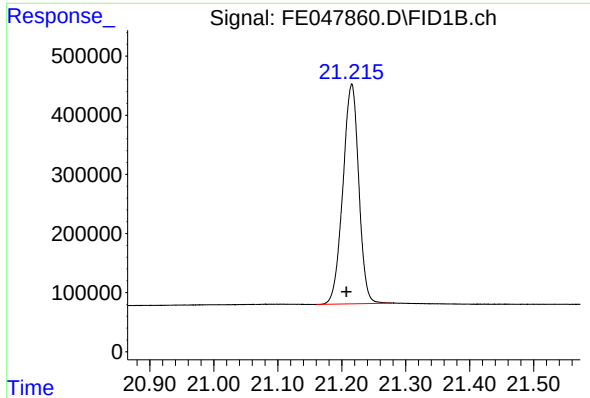
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.008 min
Response: 6164225
Conc: 45.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.007 min
Response: 6264453
Conc: 46.27 ug/ml



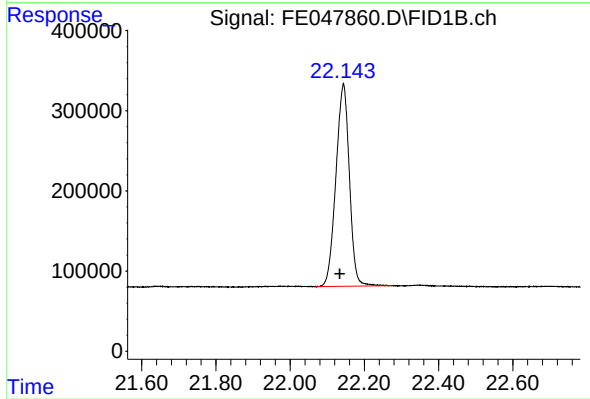
#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.008 min
Response: 6410229
Conc: 46.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.010 min
Response: 6350096
Conc: 45.58 ug/ml