

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
 Data File : FE047861.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2024 16:01
 Operator : YP\AJ
 Sample : PB160577BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160577BSD

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 01:50:49 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	5534521	38.364 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
12) S 1-chlorooctadecane (S...	13.408	4622662	41.369 ug/mlm
Spiked Amount 50.000		Recovery =	82.74%
Target Compounds			
1) T n-Nonane (C9)	3.358	5001571	38.808 ug/ml
2) T n-Decane (C10)	4.609	5259914	39.952 ug/ml
3) T A~Naphthalene (C11.7)	6.315	5474429	39.646 ug/ml
4) T n-Dodecane (C12)	6.774	5456510	40.930 ug/ml
5) T A~2-methylnaphthalene...	7.411	5421062	40.737 ug/ml
6) T n-Tetradecane (C14)	8.604	5516790	41.629 ug/ml
7) T n-Hexadecane (C16)	10.210	5499764	39.989 ug/ml
8) T n-Octadecane (C18)	11.654	5626799	40.394 ug/ml
10) T n-Eicosane (C20)	12.963	5665004	42.074 ug/ml
11) T n-Heneicosane (C21)	13.574	5510268	41.626 ug/ml
13) T n-Docosane (C22)	14.161	5463182	41.225 ug/ml
14) T n-Tetracosane (C24)	15.256	9335613	70.112 ug/mlm
15) T n-Hexacosane (C26)	16.283	5357499	40.148 ug/ml
16) T n-Octacosane (C28)	17.231	5474549	41.117 ug/ml
17) T n-Tricontane (C30)	18.119	5425010	39.308 ug/ml
18) T n-Dotriacontane (C32)	18.950	5421436	39.250 ug/ml
19) T n-Tetratriacontane (C34)	19.734	5626292	41.302 ug/ml
20) T n-Hexatriacontane (C36)	20.472	5698081	42.084 ug/ml
21) T n-Octatriacontane (C38)	21.214	5844538	42.331 ug/ml
22) T n-Tetracontane (C40)	22.144	5793759	41.586 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160577BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

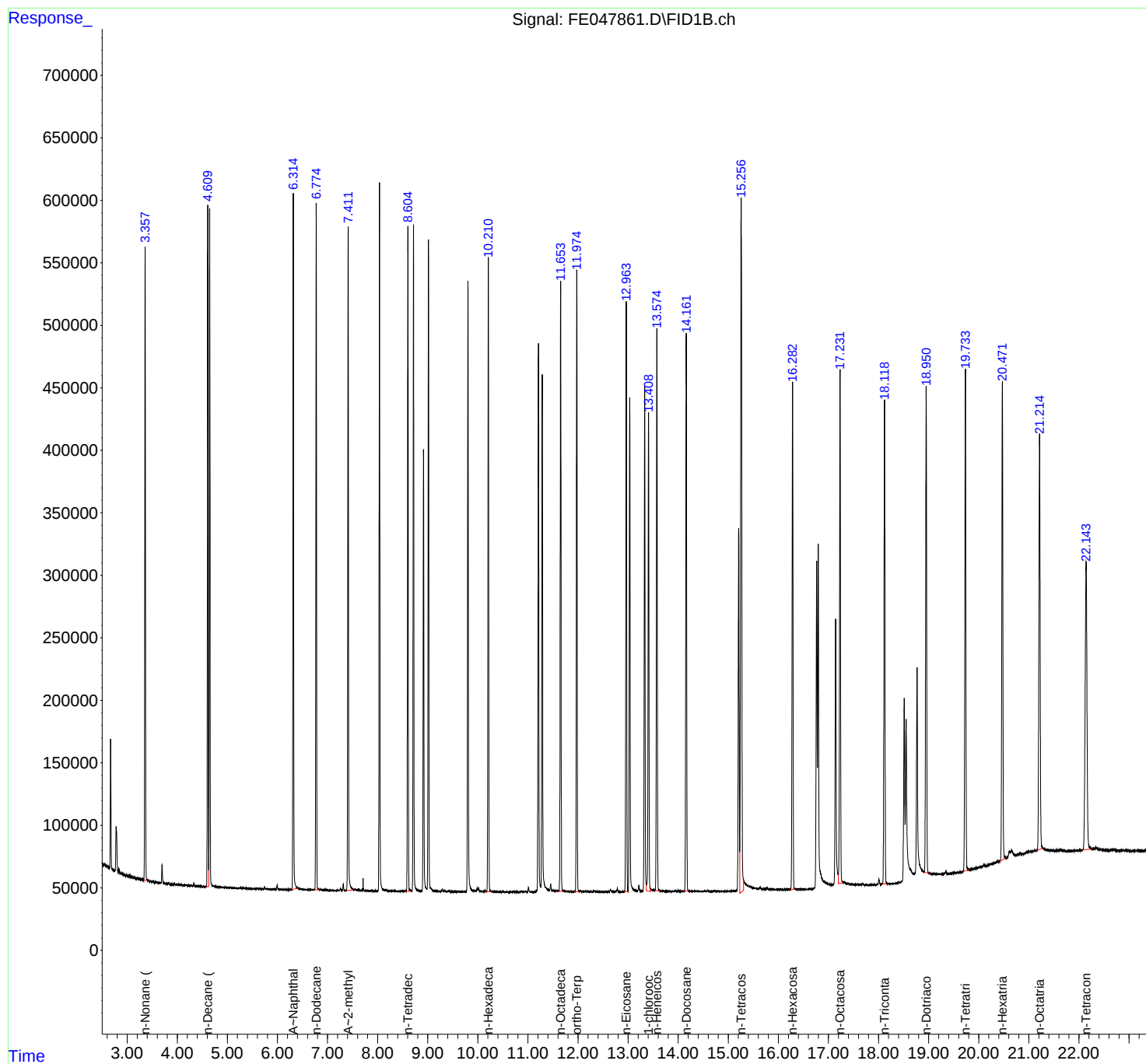
Instrument :
FID_E
ClientSampleId :
PB160577BSD

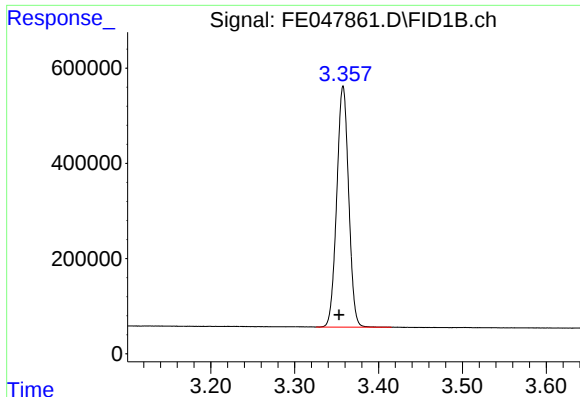
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Signal Info : 20M x 0.18mm x 0.18um





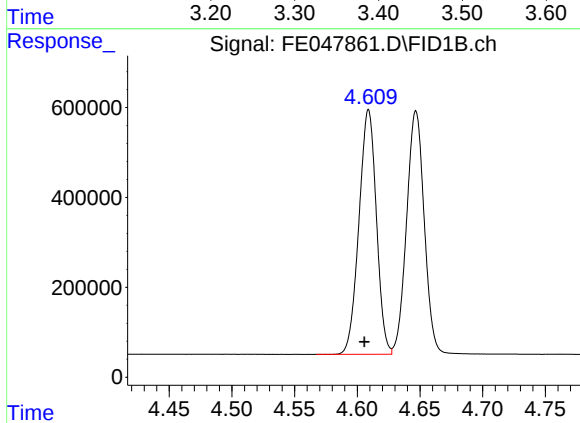
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.005 min
Response: 5001571
Conc: 38.81 ug/ml

Instrument :
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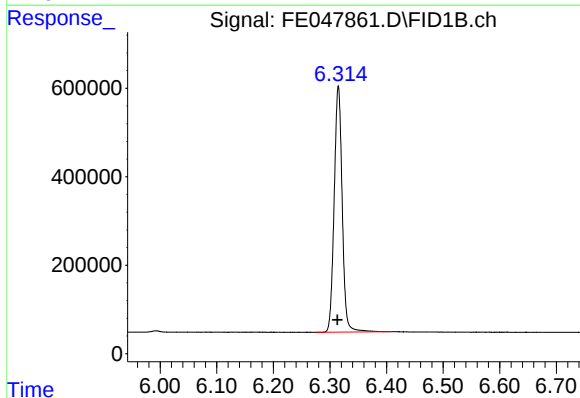
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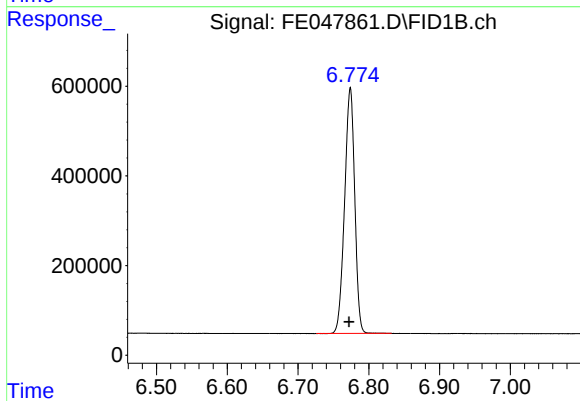
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.003 min
Response: 5259914
Conc: 39.95 ug/ml



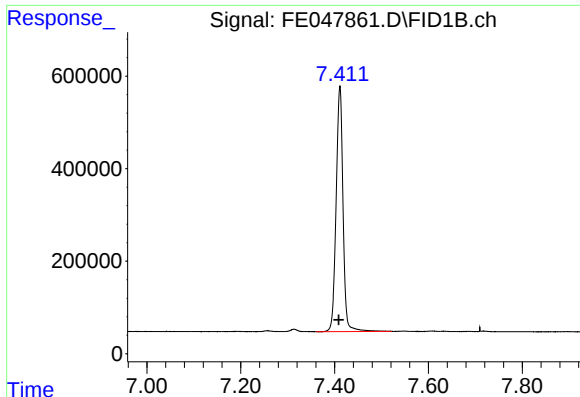
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.001 min
Response: 5474429
Conc: 39.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 5456510
Conc: 40.93 ug/ml



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

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 5421062
Conc: 40.74 ug/ml

Instrument :

FID_E

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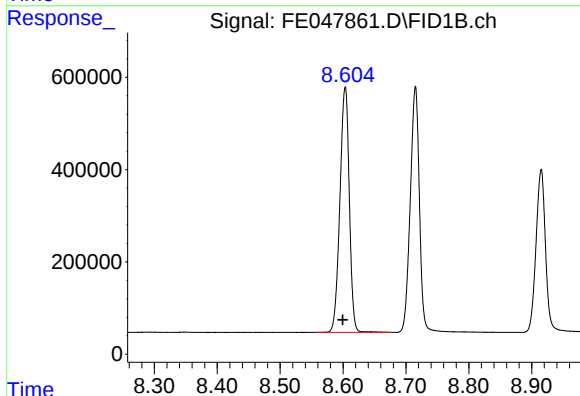
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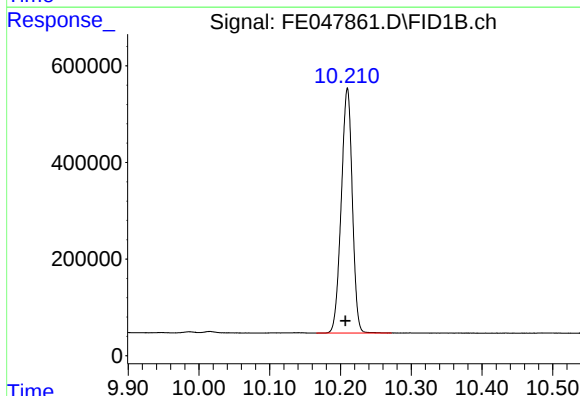
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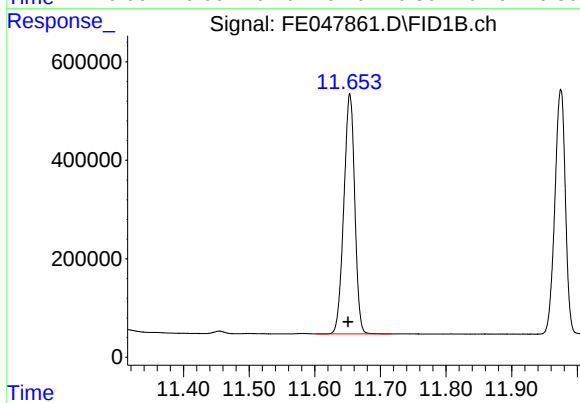
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 5516790
Conc: 41.63 ug/ml



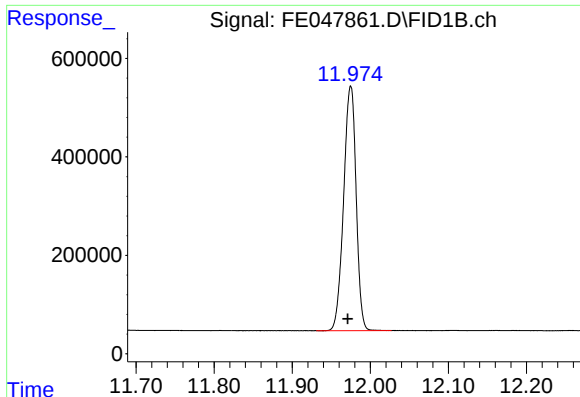
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 5499764
Conc: 39.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 5626799
Conc: 40.39 ug/ml



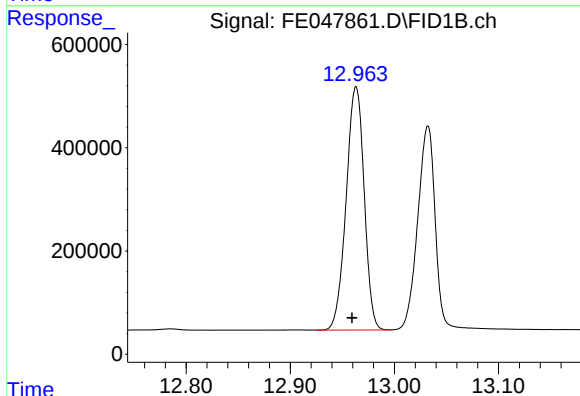
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.004 min
Response: 5534521
Conc: 38.36 ug/ml

Instrument :
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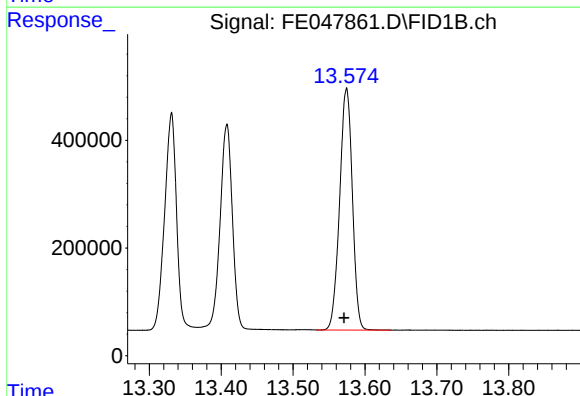
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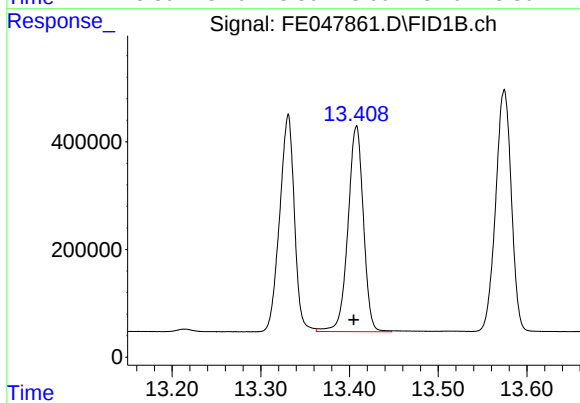
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.004 min
Response: 5665004
Conc: 42.07 ug/ml



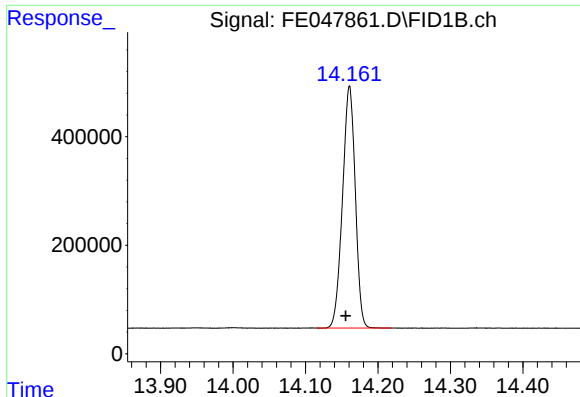
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.003 min
Response: 5510268
Conc: 41.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.003 min
Response: 4622662
Conc: 41.37 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.005 min
Response: 5463182
Conc: 41.23 ug/ml

Instrument :

FID_E

ClientSampleId :

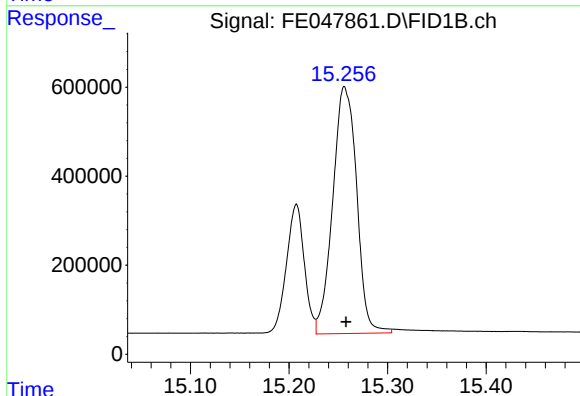
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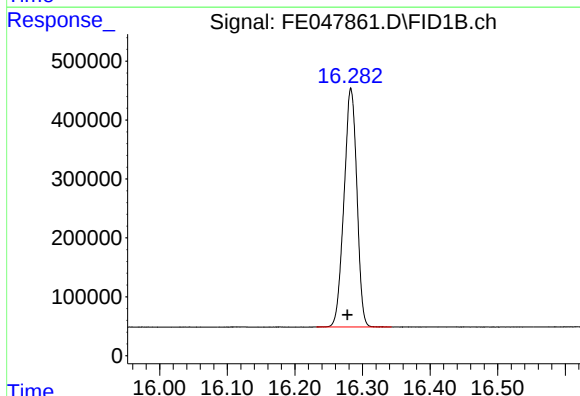
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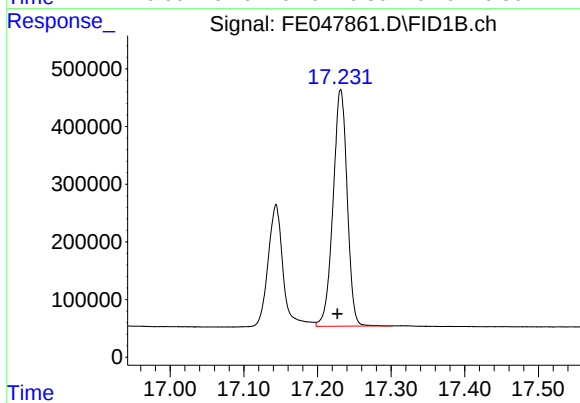
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 9335613
Conc: 70.11 ug/ml m



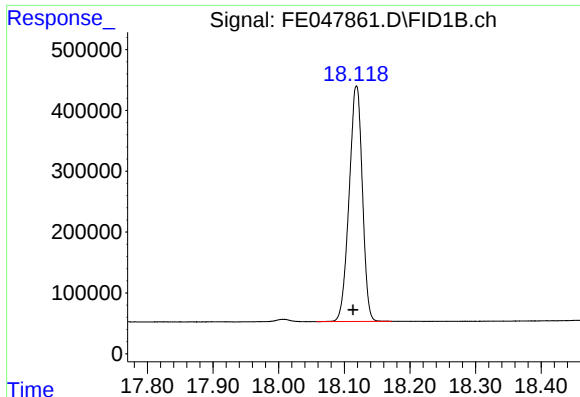
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.005 min
Response: 5357499
Conc: 40.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.004 min
Response: 5474549
Conc: 41.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.005 min
Response: 5425010
Conc: 39.31 ug/ml

Instrument :

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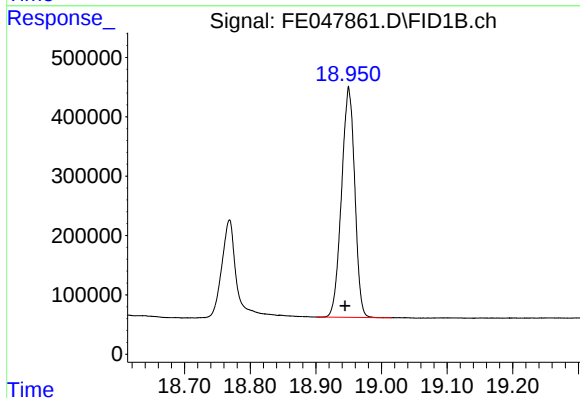
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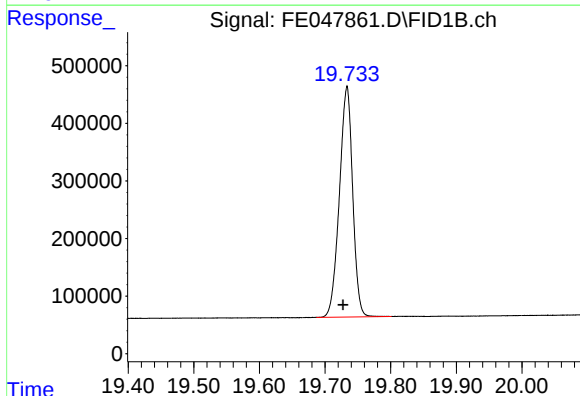
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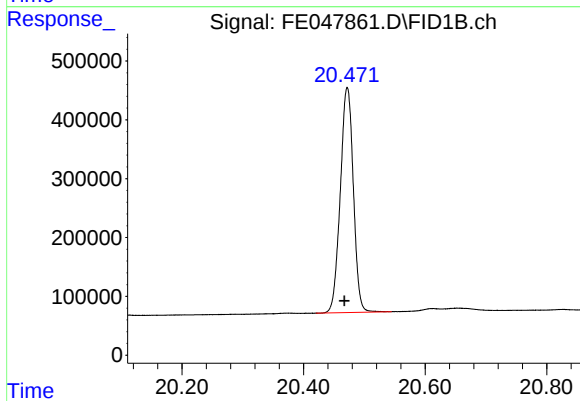
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.005 min
Response: 5421436
Conc: 39.25 ug/ml



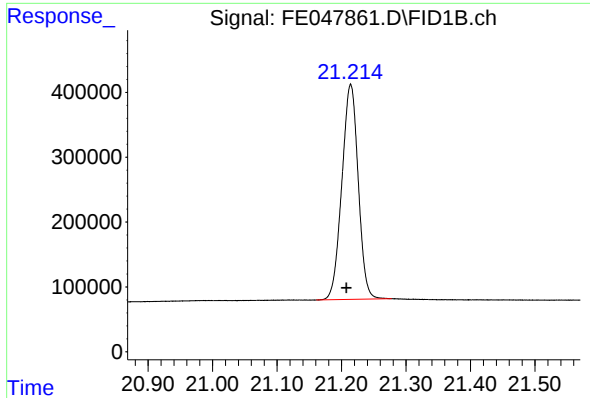
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.006 min
Response: 5626292
Conc: 41.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: 0.005 min
Response: 5698081
Conc: 42.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.007 min
Response: 5844538
Conc: 42.33 ug/ml

Instrument :

FID_E

ClientSampleId :

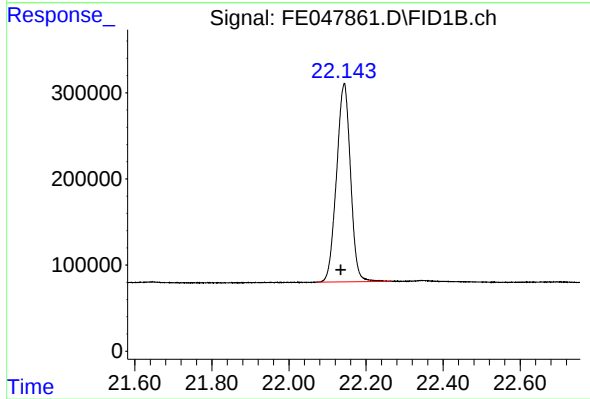
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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.010 min
Response: 5793759
Conc: 41.59 ug/ml