

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047913.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 18:03
 Operator : YP\AJ
 Sample : P2323-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 02 02:13:53 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)	11.974	5051072	35.012 ug/ml
Spiked Amount 50.000		Recovery =	70.02%
12) S 1-chlorooctadecane (S...	13.407	3969624	35.525 ug/mlm
Spiked Amount 50.000		Recovery =	71.05%
Target Compounds			
1) T n-Nonane (C9)	3.355	4267925	33.116 ug/ml
2) T n-Decane (C10)	4.607	4889273	37.137 ug/ml
3) T A~Naphthalene (C11.7)	6.314	5192491	37.604 ug/ml
4) T n-Dodecane (C12)	6.773	5346691	40.107 ug/ml
5) T A~2-methylnaphthalene...	7.410	5354124	40.234 ug/ml
6) T n-Tetradecane (C14)	8.602	5754349	43.422 ug/ml
7) T n-Hexadecane (C16)	10.210	6059315	44.057 ug/ml
8) T n-Octadecane (C18)	11.653	6271231	45.021 ug/ml
10) T n-Eicosane (C20)	12.963	6320040	46.939 ug/ml
11) T n-Heneicosane (C21)	13.575	6146622	46.434 ug/ml
13) T n-Docosane (C22)	14.161	6109302	46.101 ug/ml
14) T n-Tetracosane (C24)	15.257	10555953	79.277 ug/ml
15) T n-Hexacosane (C26)	16.285	6014154	45.069 ug/ml
16) T n-Octacosane (C28)	17.233	6119799	45.963 ug/ml
17) T n-Tricontane (C30)	18.121	6083224	44.077 ug/ml
18) T n-Dotriacontane (C32)	18.952	6074469	43.978 ug/ml
19) T n-Tetratriacontane (C34)	19.735	6215021	45.624 ug/ml
20) T n-Hexatriacontane (C36)	20.474	6334141	46.781 ug/ml
21) T n-Octatriacontane (C38)	21.217	6572484	47.603 ug/ml
22) T n-Tetracontane (C40)	22.146	6706435	48.136 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2323-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

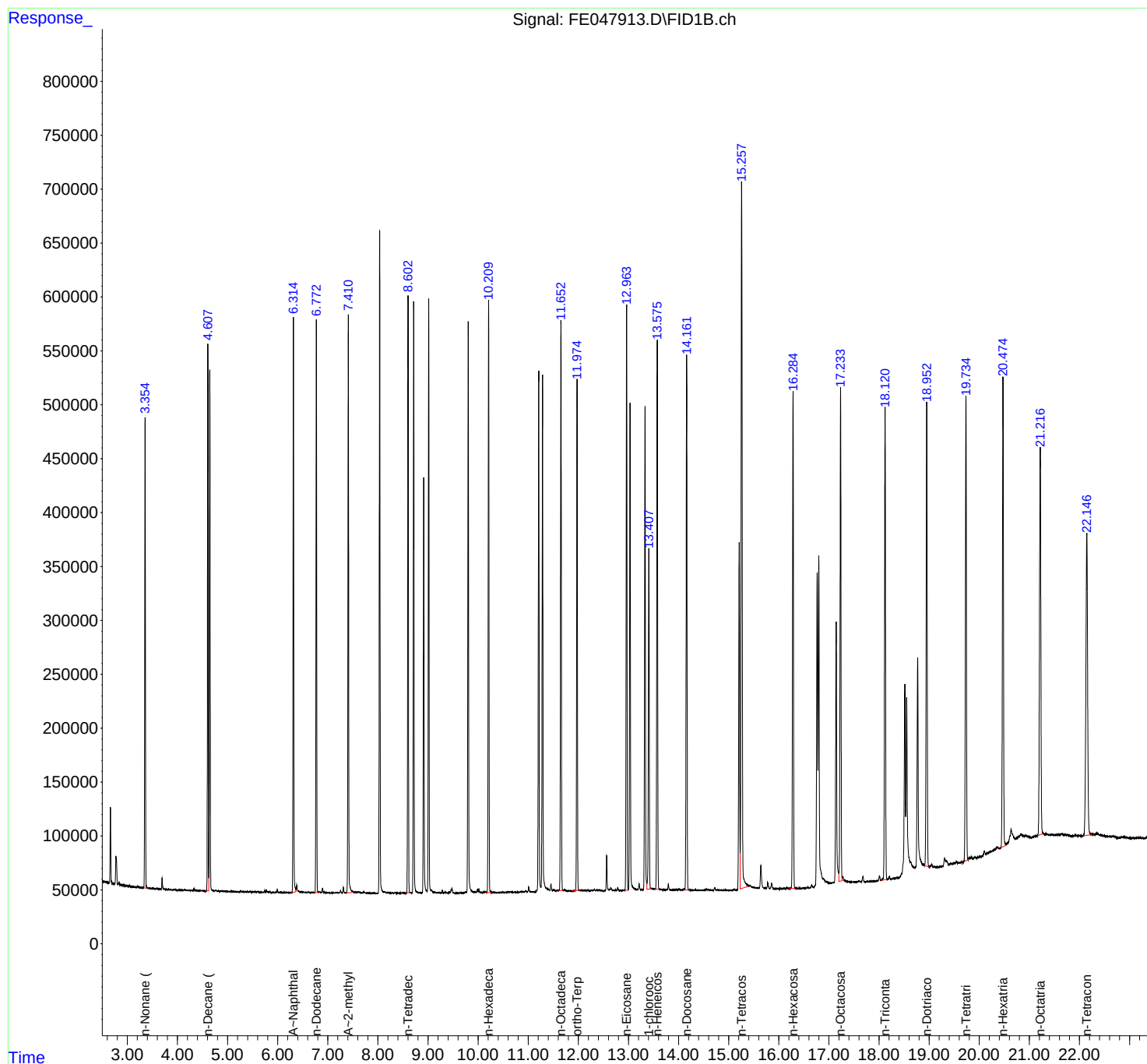
Instrument :
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ClientSampleId :
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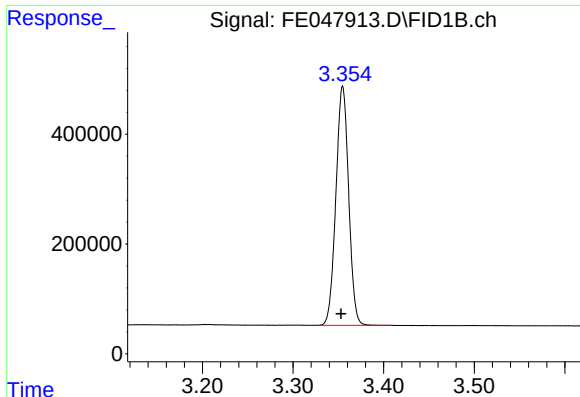
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#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.002 min
Response: 4267925
Conc: 33.12 ug/ml

Instrument :

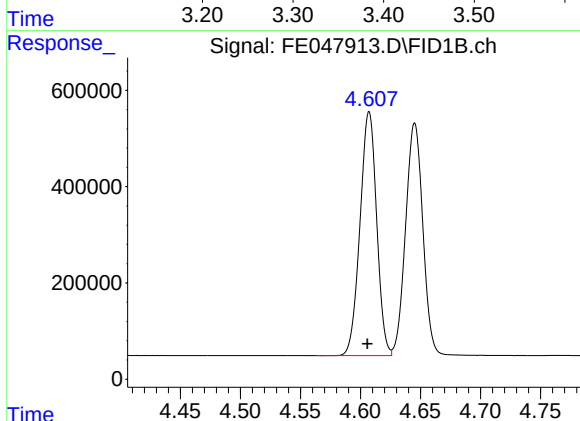
FID_E

ClientSampleId :

TP-2MSD

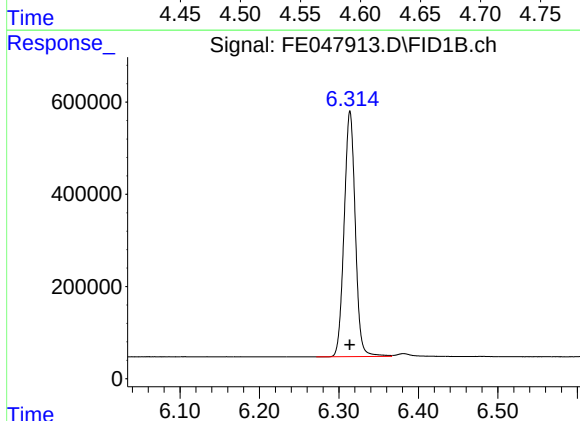
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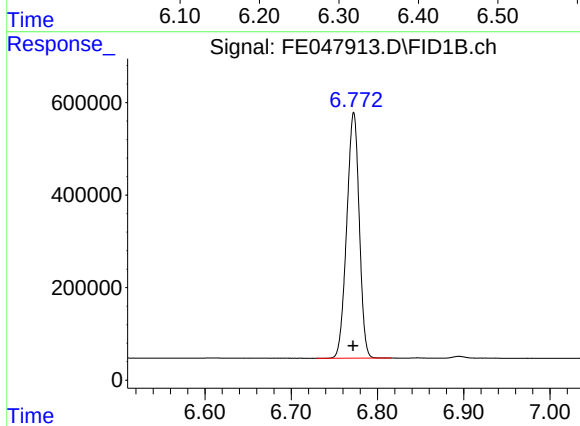
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 4889273
Conc: 37.14 ug/ml



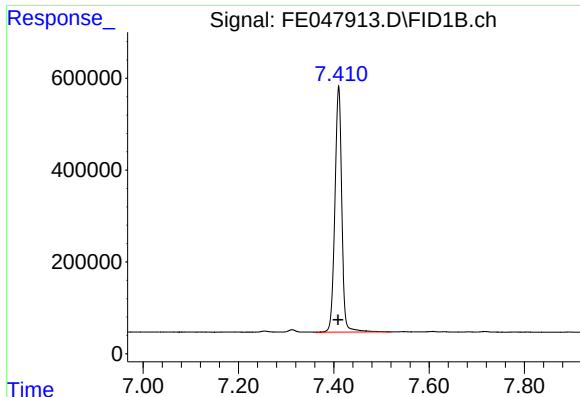
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 5192491
Conc: 37.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 5346691
Conc: 40.11 ug/ml



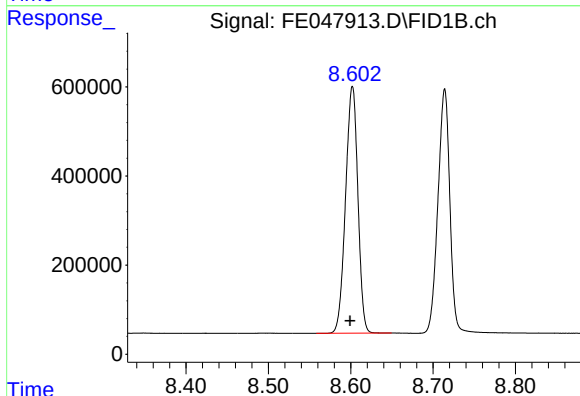
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: 0.001 min
Response: 5354124
Conc: 40.23 ug/ml

Instrument :
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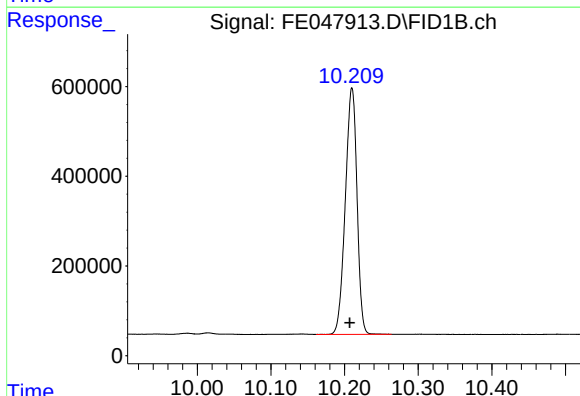
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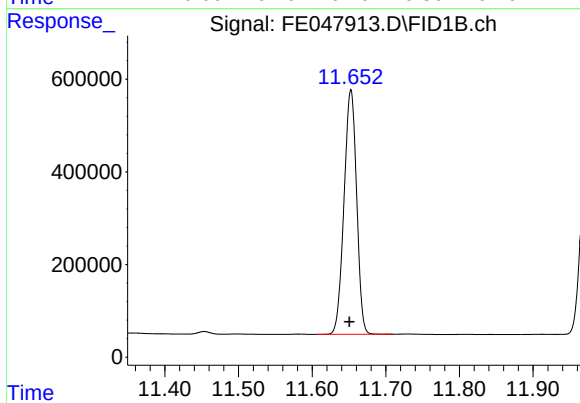
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.003 min
Response: 5754349
Conc: 43.42 ug/ml



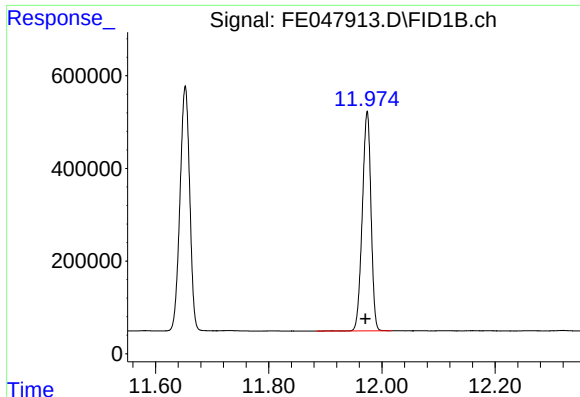
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 6059315
Conc: 44.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.002 min
Response: 6271231
Conc: 45.02 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 5051072
Conc: 35.01 ug/ml

Instrument :

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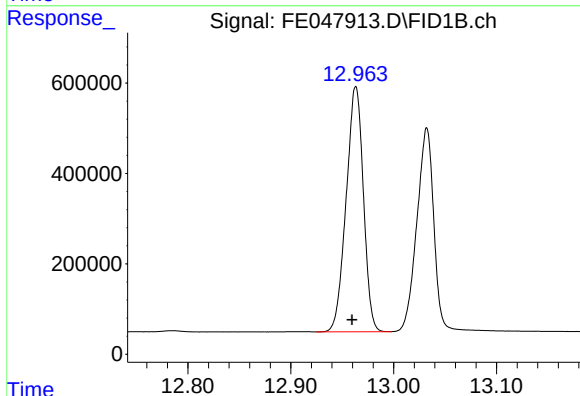
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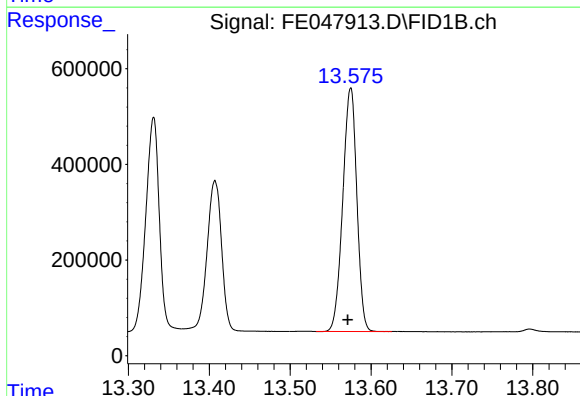
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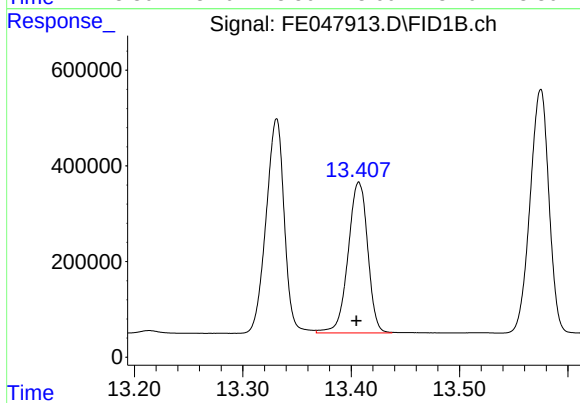
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.004 min
Response: 6320040
Conc: 46.94 ug/ml



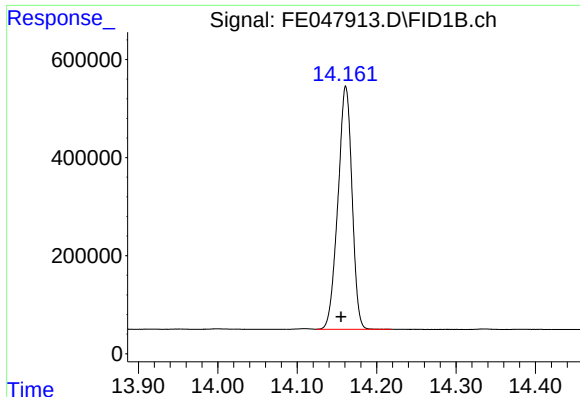
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.004 min
Response: 6146622
Conc: 46.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 3969624
Conc: 35.53 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.006 min
Response: 6109302
Conc: 46.10 ug/ml

Instrument :

FID_E

ClientSampleId :

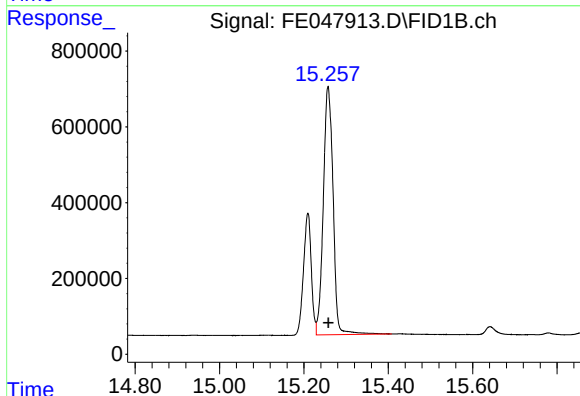
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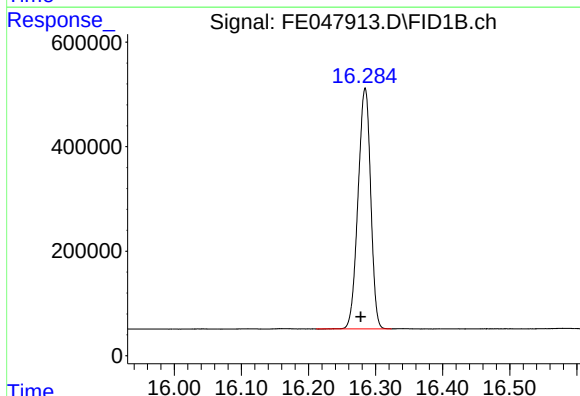
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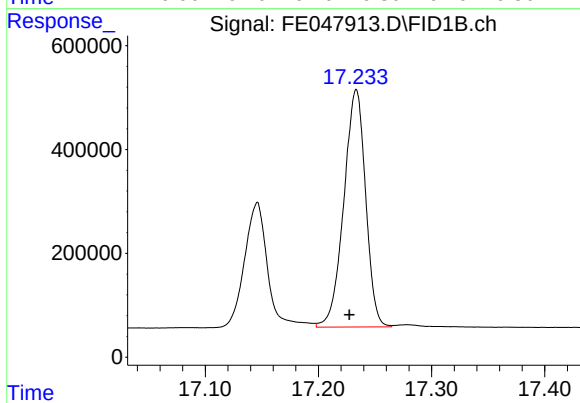
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 10555953
Conc: 79.28 ug/ml



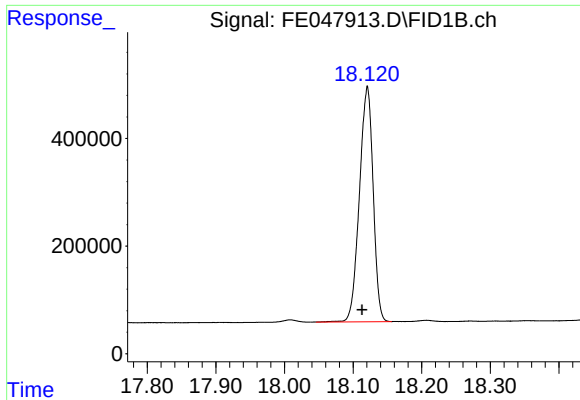
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.007 min
Response: 6014154
Conc: 45.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.006 min
Response: 6119799
Conc: 45.96 ug/ml



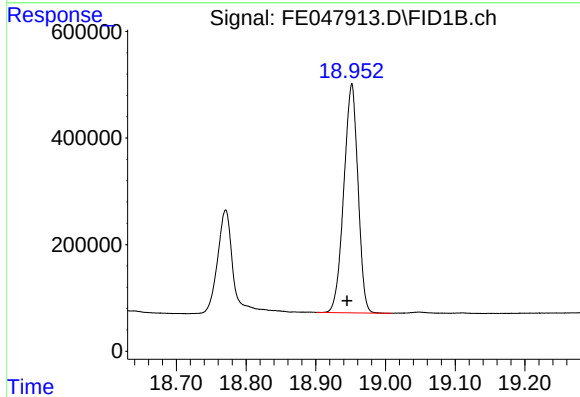
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.008 min
Response: 6083224
Conc: 44.08 ug/ml

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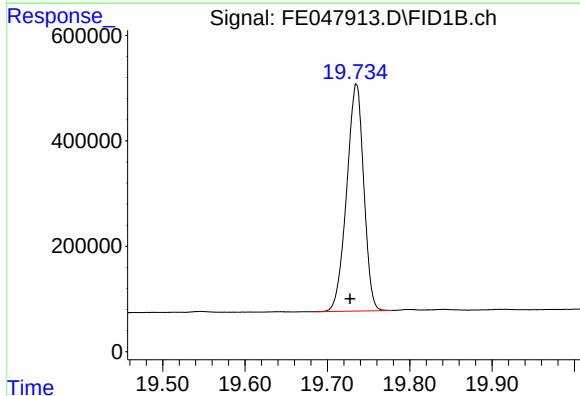
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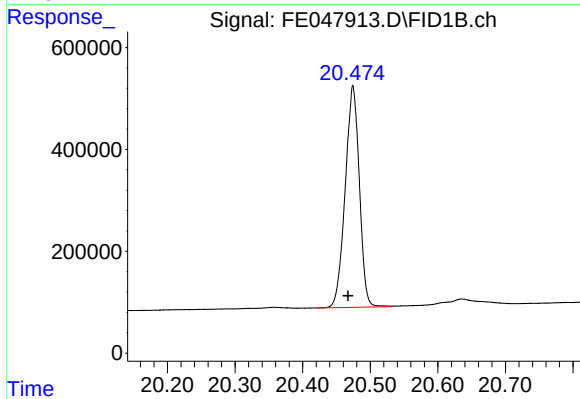
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.007 min
Response: 6074469
Conc: 43.98 ug/ml



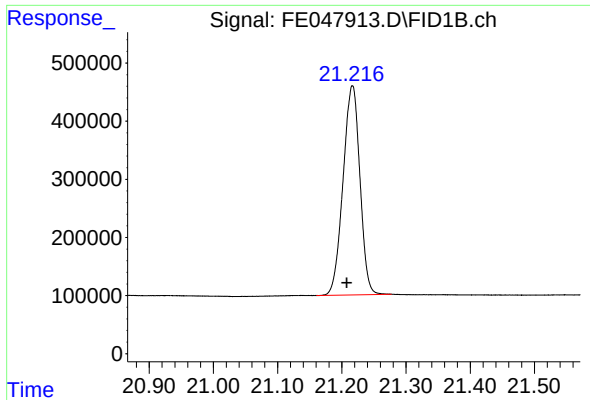
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.008 min
Response: 6215021
Conc: 45.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.007 min
Response: 6334141
Conc: 46.78 ug/ml



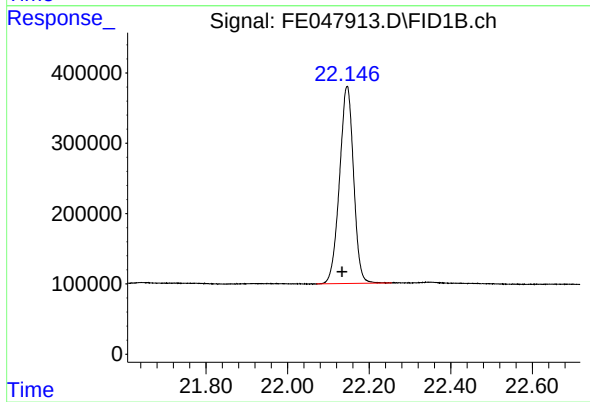
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.009 min
Response: 6572484
Conc: 47.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.012 min
Response: 6706435
Conc: 48.14 ug/ml