

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042324AL\
 Data File : FE047747.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2024 20:00
 Operator : YP\AJ
 Sample : P2228-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EXCAVATION-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :Ankita Jodhani 04/24/2024

Integration File: autoint1.e
 Quant Time: Apr 24 01:17:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.976	3637541	20.972 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
12) S 1-chlorooctadecane (S...	13.410	3145746	23.389 ug/ml
Spiked Amount 50.000		Recovery =	46.78%
Target Compounds			
1) T n-Nonane (C9)	3.356	3780983	24.168 ug/ml
2) T n-Decane (C10)	4.609	4162868	25.902 ug/ml
3) T A~Naphthalene (C11.7)	6.316	4360338	25.716 ug/ml
4) T n-Dodecane (C12)	6.775	4457444	27.463 ug/ml
5) T A~2-methylnaphthalene...	7.413	4466978	27.201 ug/ml
6) T n-Tetradecane (C14)	8.604	4657083	28.949 ug/ml
7) T n-Hexadecane (C16)	10.211	4917846	29.612 ug/ml
8) T n-Octadecane (C18)	11.655	5246459	31.285 ug/ml
10) T n-Eicosane (C20)	12.965	5414938	33.425 ug/ml
11) T n-Heneicosane (C21)	13.577	5282426	33.291 ug/ml
13) T n-Docosane (C22)	14.163	5280275	32.903 ug/ml
14) T n-Tetracosane (C24)	15.259	9113197	55.210 ug/ml
15) T n-Hexacosane (C26)	16.288	5145635	31.130 ug/ml
16) T n-Octacosane (C28)	17.235	5200148	31.380 ug/ml
17) T n-Tricontane (C30)	18.123	5213706	30.709 ug/ml
18) T n-Dotriacontane (C32)	18.954	5322100	31.917 ug/mlm
19) T n-Tetratriacontane (C34)	19.738	5404720	33.698 ug/ml
20) T n-Hexatriacontane (C36)	20.478	5406194	33.895 ug/ml
21) T n-Octatriacontane (C38)	21.222	5570535	34.275 ug/ml
22) T n-Tetracontane (C40)	22.152	5621032	34.332 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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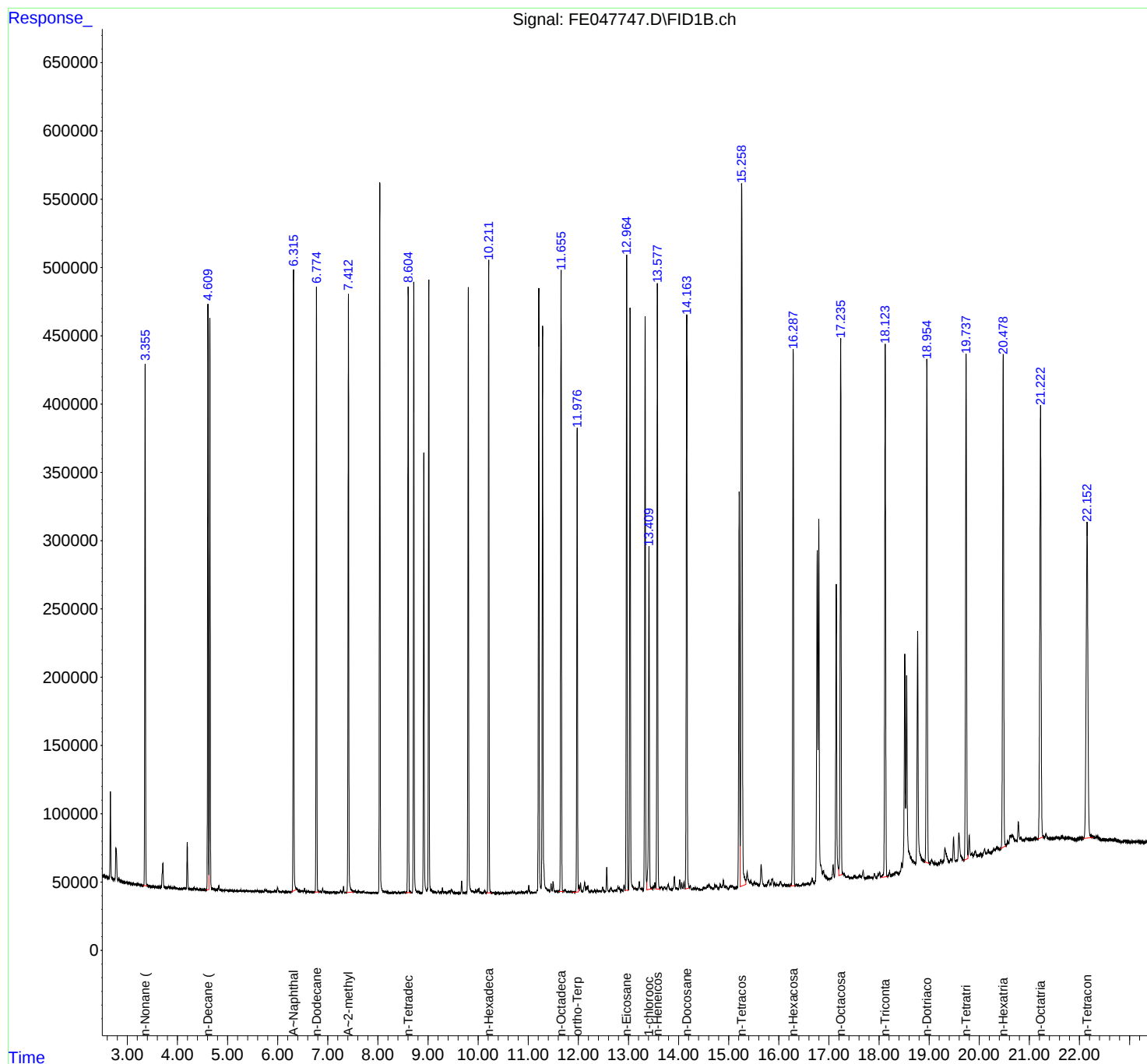
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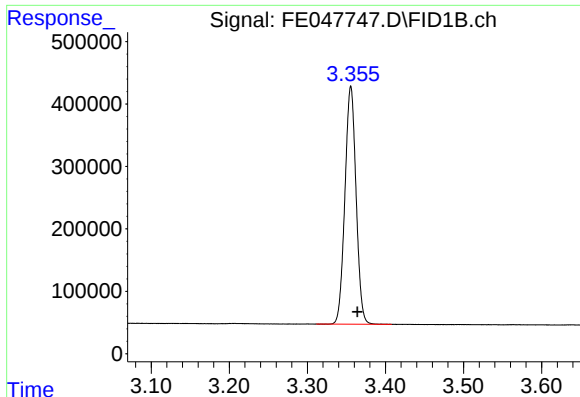
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#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.008 min
Response: 3780983
Conc: 24.17 ug/ml

Instrument :

FID_E

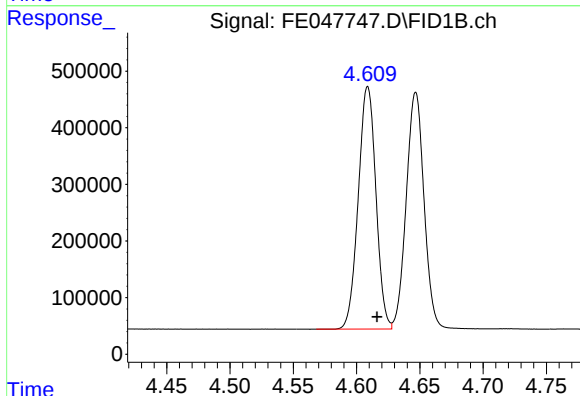
ClientSampleId :

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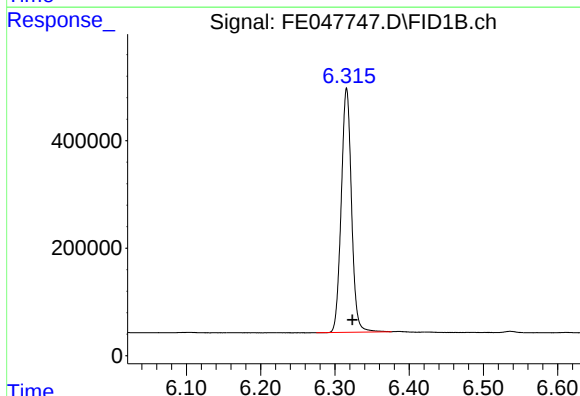
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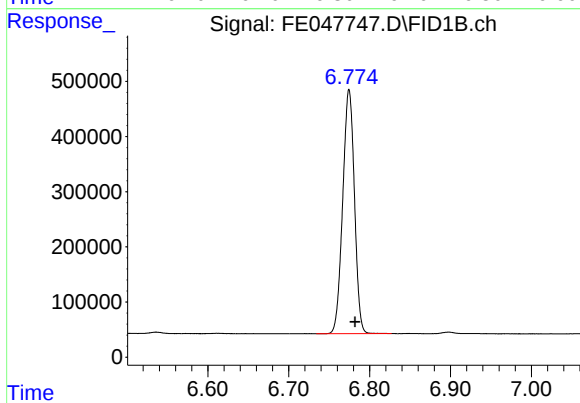
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.007 min
Response: 4162868
Conc: 25.90 ug/ml



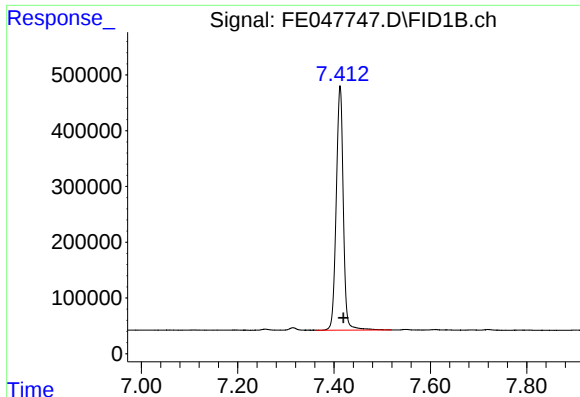
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: -0.008 min
Response: 4360338
Conc: 25.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 4457444
Conc: 27.46 ug/ml



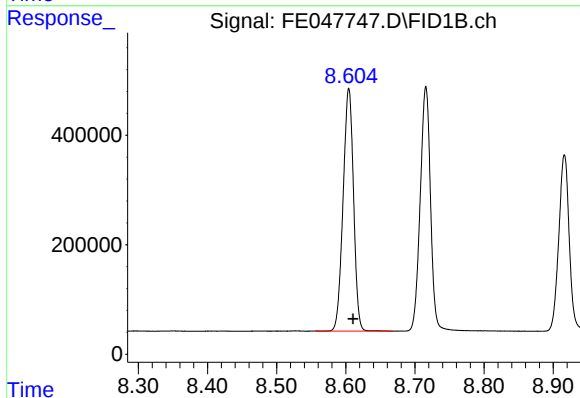
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.413 min
Delta R.T.: -0.007 min
Response: 4466978
Conc: 27.20 ug/ml

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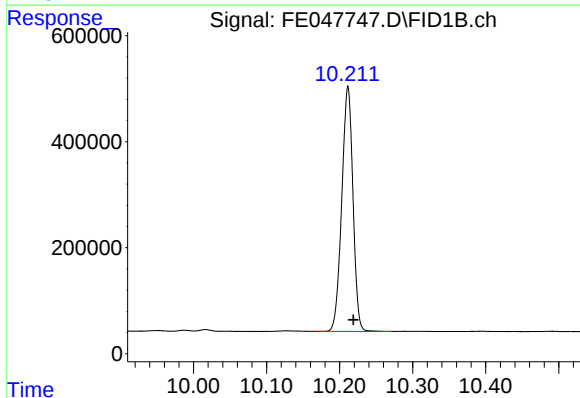
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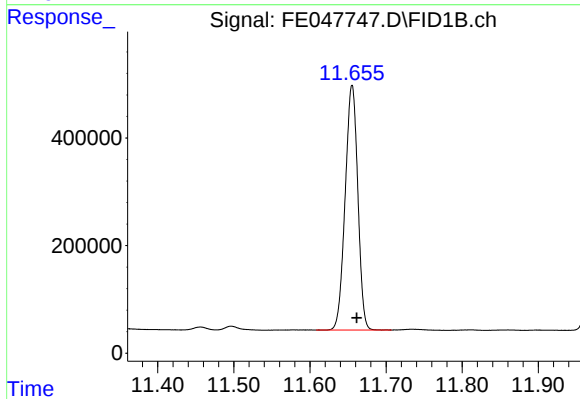
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 4657083
Conc: 28.95 ug/ml



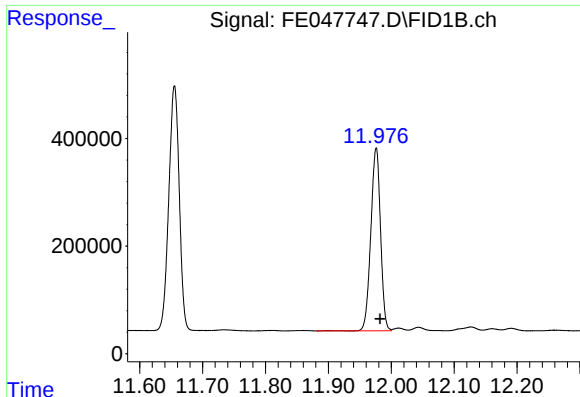
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: -0.007 min
Response: 4917846
Conc: 29.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 5246459
Conc: 31.29 ug/ml



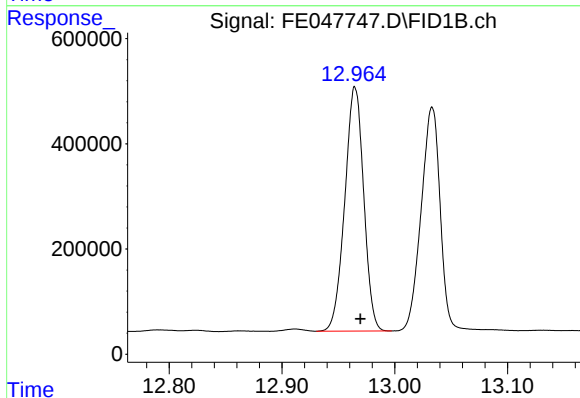
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 3637541
Conc: 20.97 ug/ml

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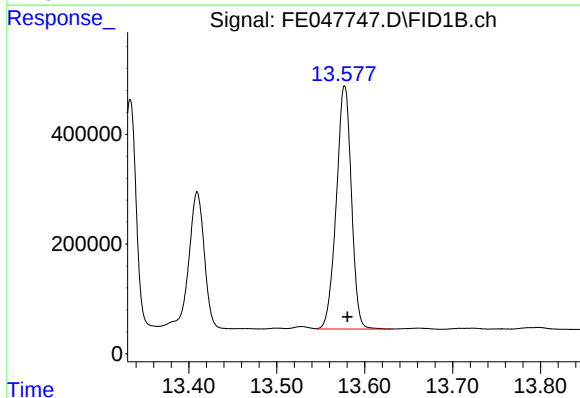
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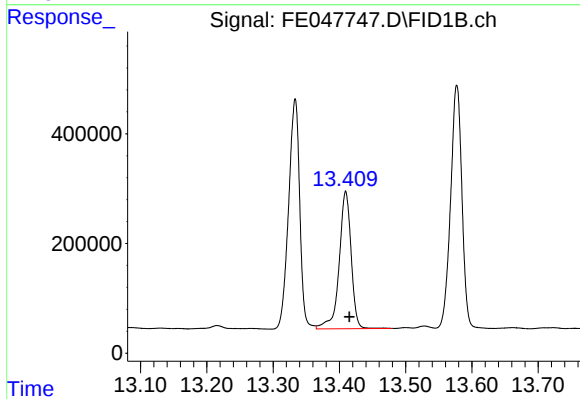
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.005 min
Response: 5414938
Conc: 33.42 ug/ml



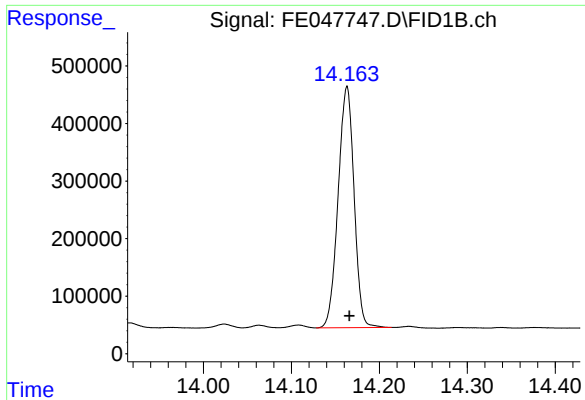
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.003 min
Response: 5282426
Conc: 33.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.006 min
Response: 3145746
Conc: 23.39 ug/ml



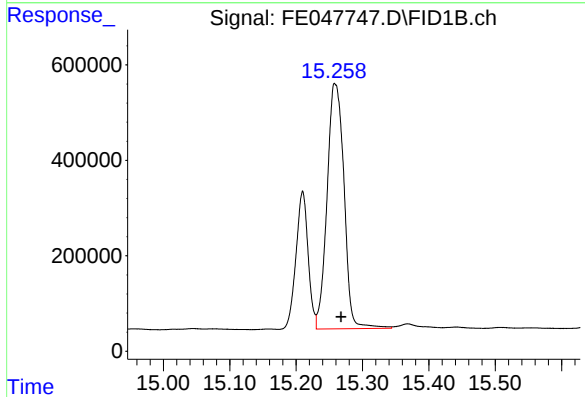
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 5280275
Conc: 32.90 ug/ml

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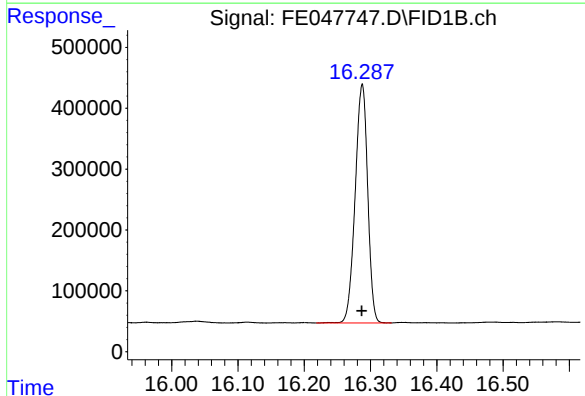
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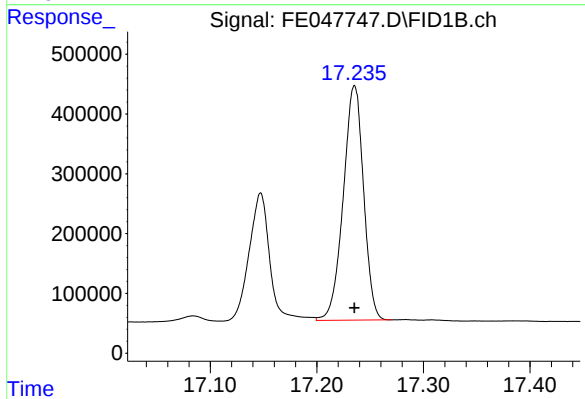
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.009 min
Response: 9113197
Conc: 55.21 ug/ml



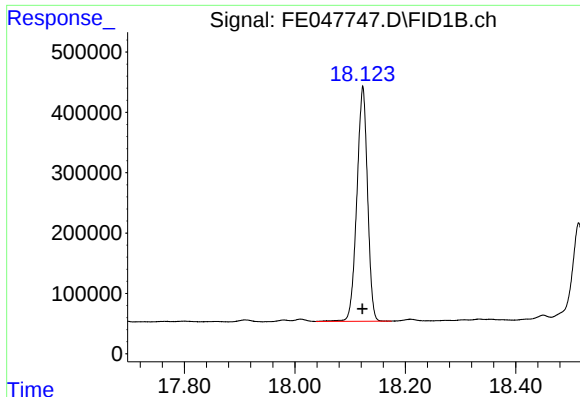
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 5145635
Conc: 31.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 5200148
Conc: 31.38 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.001 min
Response: 5213706
Conc: 30.71 ug/ml

Instrument :

FID_E

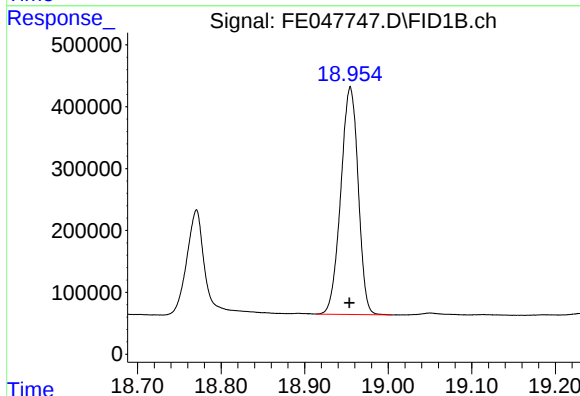
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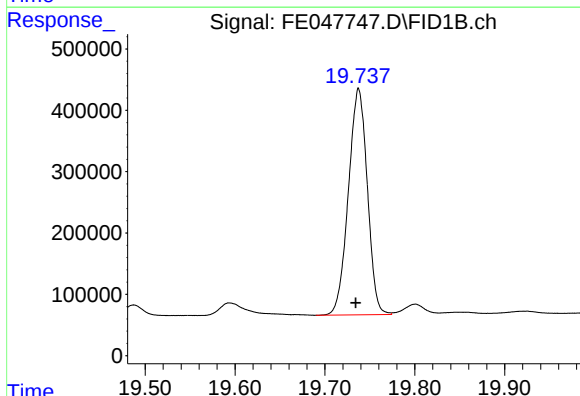
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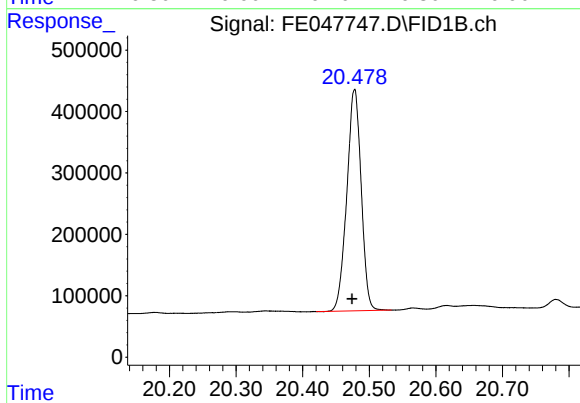
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 5322100
Conc: 31.92 ug/ml m



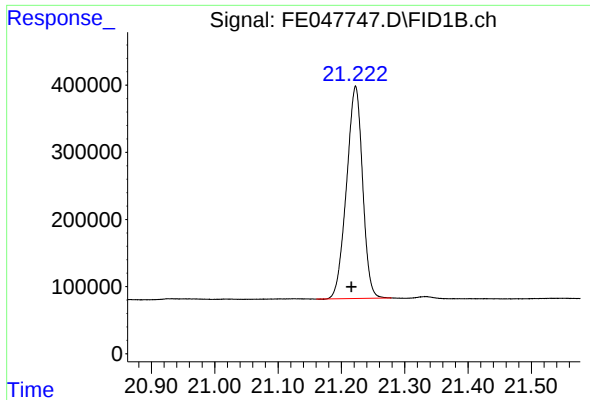
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.003 min
Response: 5404720
Conc: 33.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.004 min
Response: 5406194
Conc: 33.89 ug/ml



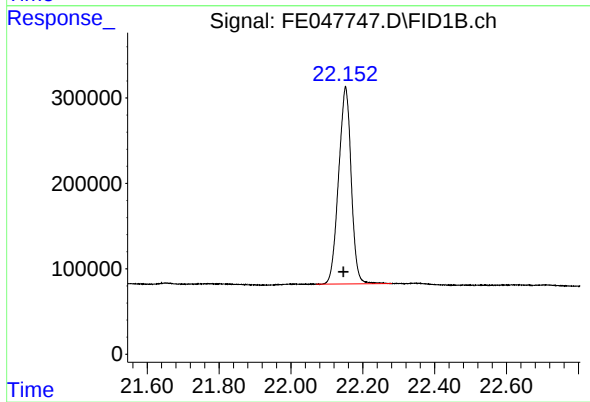
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.007 min
Response: 5570535
Conc: 34.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.006 min
Response: 5621032
Conc: 34.33 ug/ml