

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049762.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 16:43
 Operator : YP\AJ
 Sample : P3726-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-SOIL-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2024
 Supervised By :Ankita Jodhani 08/27/2024

Integration File: autoint1.e
 Quant Time: Aug 27 01:22:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.886	3462234	21.410 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
12) S 1-chlorooctadecane (S...	13.321	3622736	29.693 ug/ml
Spiked Amount 50.000		Recovery =	59.39%
Target Compounds			
1) T n-Nonane (C9)	3.274	3288645	21.251 ug/ml
2) T n-Decane (C10)	4.525	3641395	23.063 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3765968	23.471 ug/ml
4) T n-Dodecane (C12)	6.691	3946617	25.104 ug/ml
5) T A~2-methylnaphthalene...	7.327	3762074	25.122 ug/ml
6) T n-Tetradecane (C14)	8.520	4097645	26.543 ug/ml
7) T n-Hexadecane (C16)	10.125	4211708	26.967 ug/ml
8) T n-Octadecane (C18)	11.567	4343763	27.658 ug/ml
10) T n-Eicosane (C20)	12.877	4498078	30.126 ug/mlm
11) T n-Heneicosane (C21)	13.488	4630578	31.566 ug/ml
13) T n-Docosane (C22)	14.074	4545340	31.185 ug/mlm
14) T n-Tetracosane (C24)	15.172	10533417	72.412 ug/ml
15) T n-Hexacosane (C26)	16.197	4153073	28.776 ug/ml
16) T n-Octacosane (C28)	17.144	5366424	37.257 ug/ml
17) T n-Tricontane (C30)	18.031	4366775	29.169 ug/ml
18) T n-Dotriacontane (C32)	18.862	4285693	28.329 ug/ml
19) T n-Tetratriacontane (C34)	19.645	4464542	29.203 ug/ml
20) T n-Hexatriacontane (C36)	20.384	4469469	29.433 ug/ml
21) T n-Octatriacontane (C38)	21.113	4683180	29.838 ug/ml
22) T n-Tetracontane (C40)	22.008	4486711	29.387 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

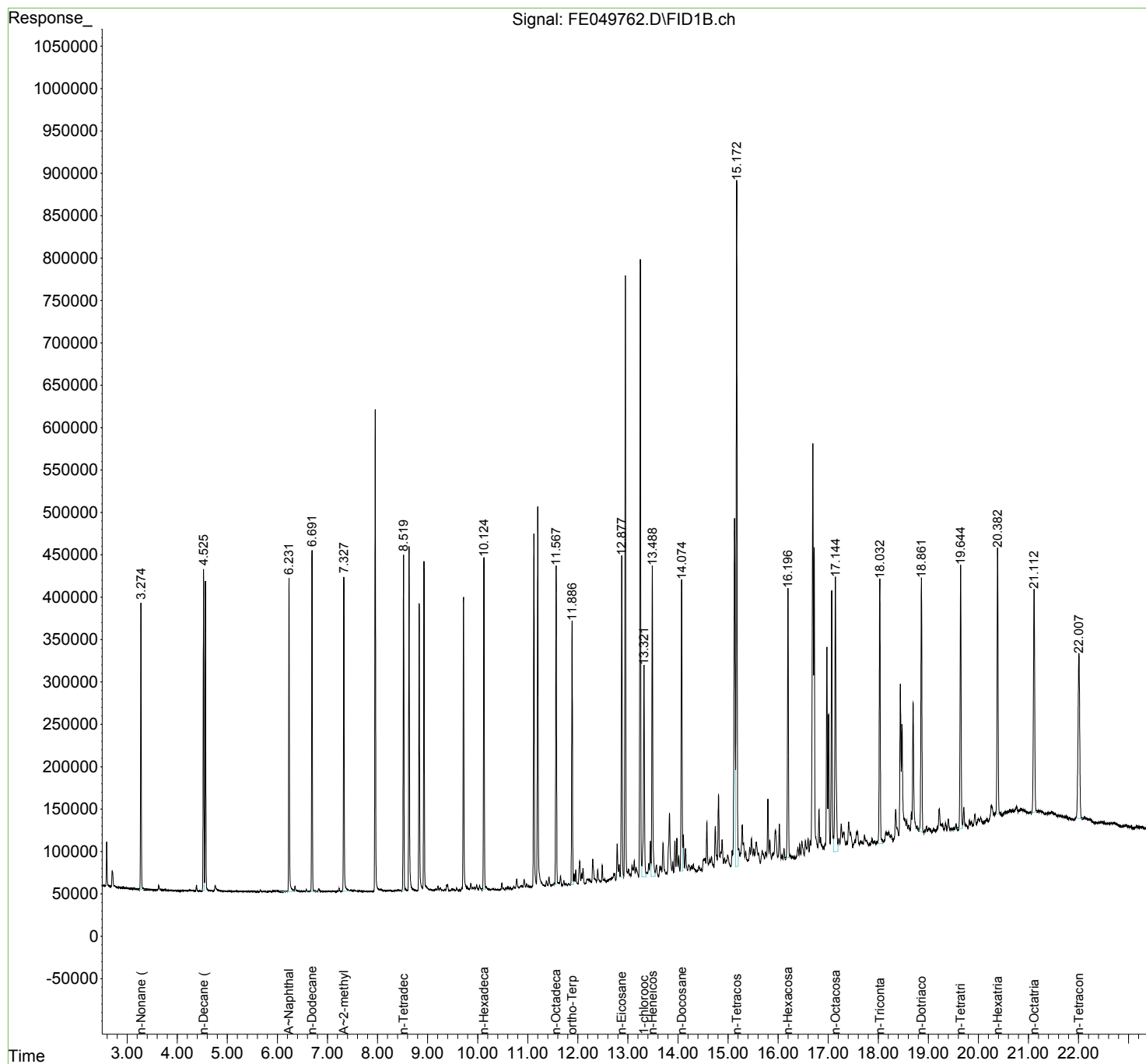
Instrument :
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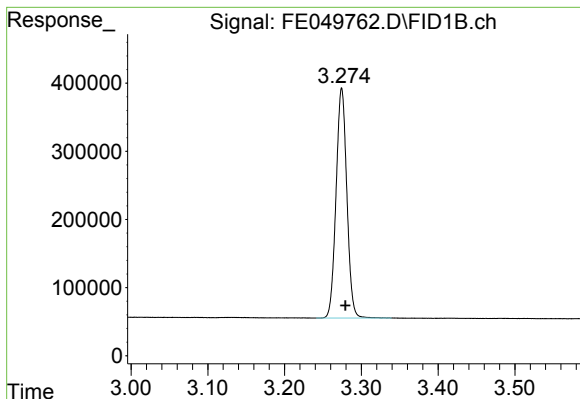
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 3288645
Conc: 21.25 ug/ml

Instrument :

FID_E

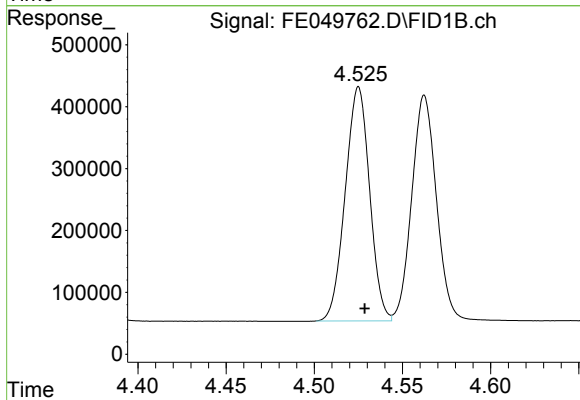
ClientSampleId :

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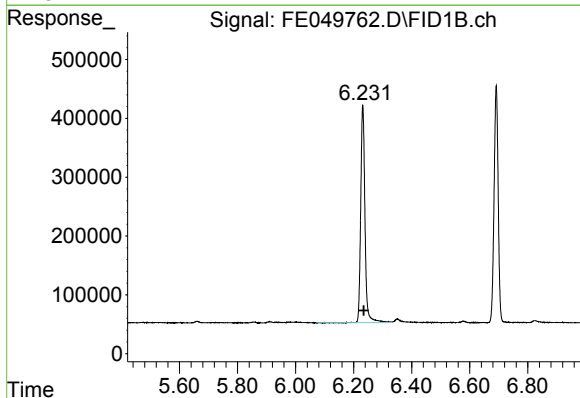
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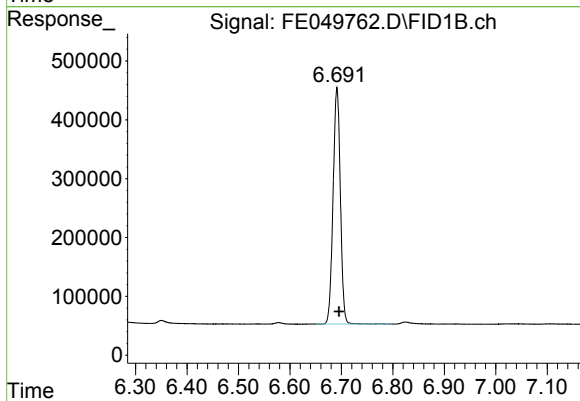
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 3641395
Conc: 23.06 ug/ml



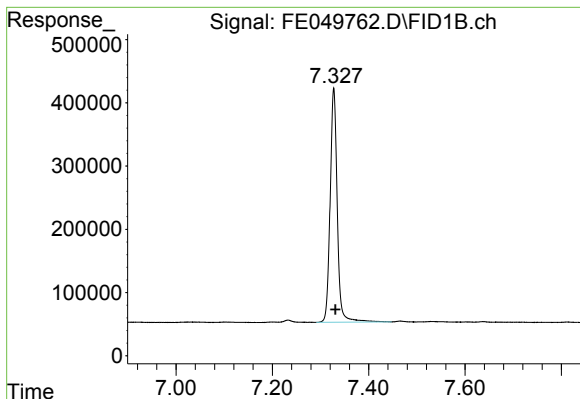
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 3765968
Conc: 23.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3946617
Conc: 25.10 ug/ml



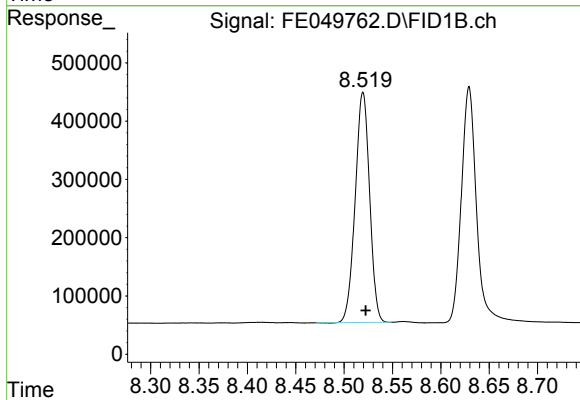
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 3762074
Conc: 25.12 ug/ml

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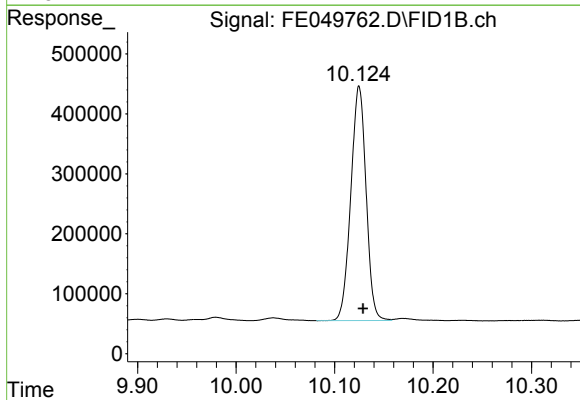
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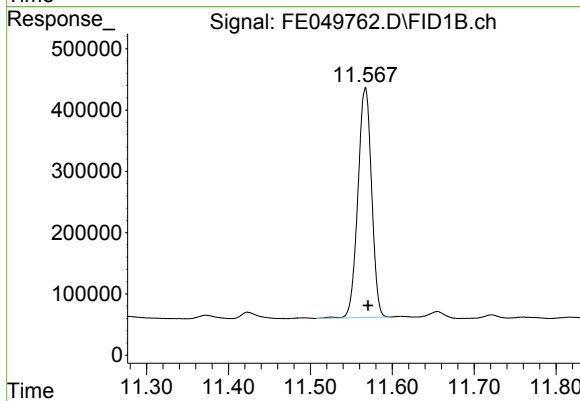
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 4097645
Conc: 26.54 ug/ml



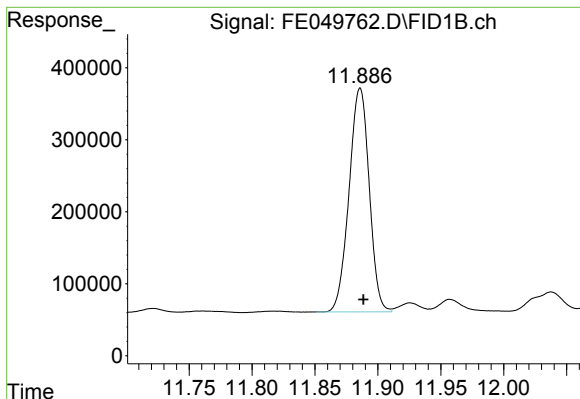
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 4211708
Conc: 26.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 4343763
Conc: 27.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: -0.003 min
Response: 3462234
Conc: 21.41 ug/ml

Instrument :

FID_E

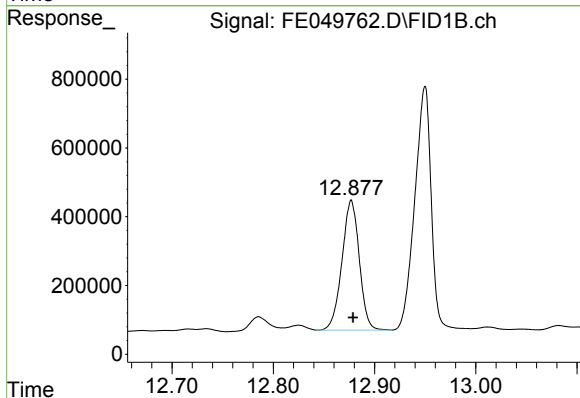
ClientSampleId :

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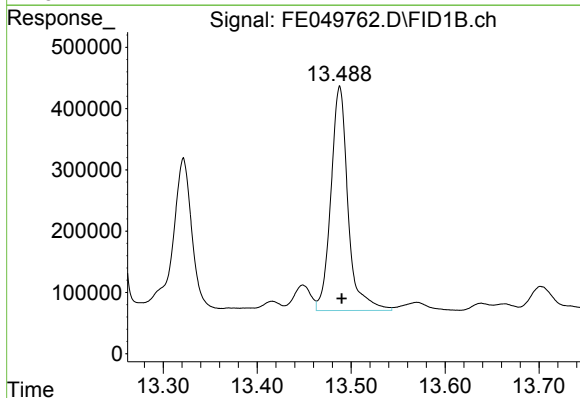
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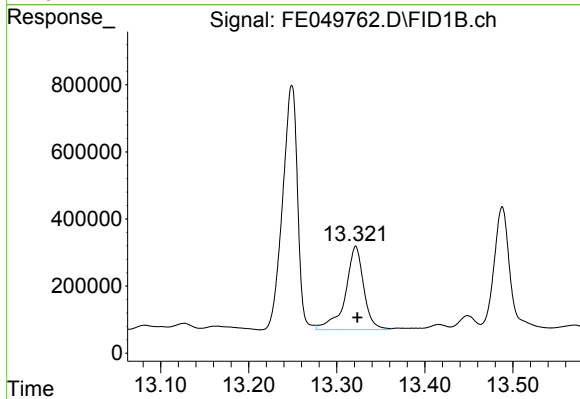
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 4498078
Conc: 30.13 ug/ml m



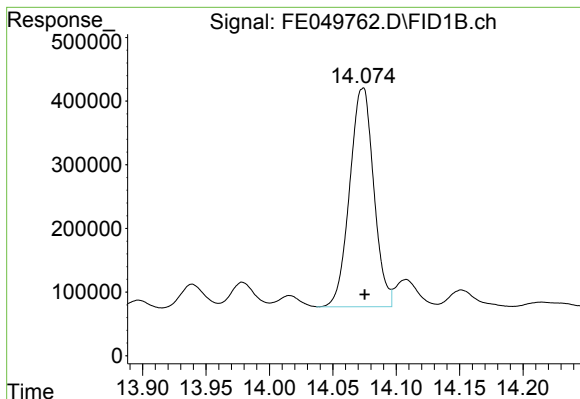
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 4630578
Conc: 31.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: -0.002 min
Response: 3622736
Conc: 29.69 ug/ml



#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: -0.001 min
Response: 4545340
Conc: 31.19 ug/ml

Instrument :

FID_E

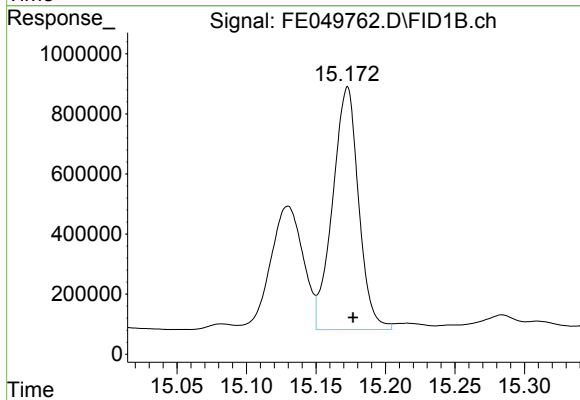
ClientSampleId :

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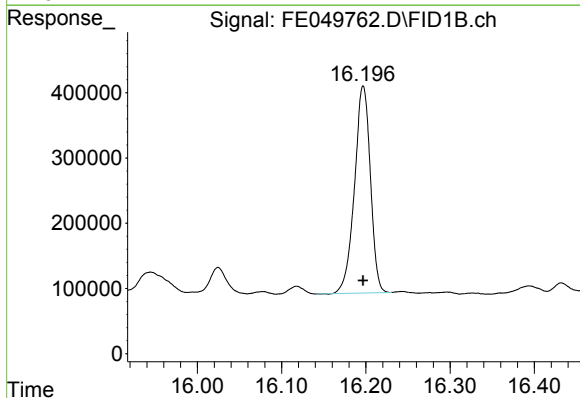
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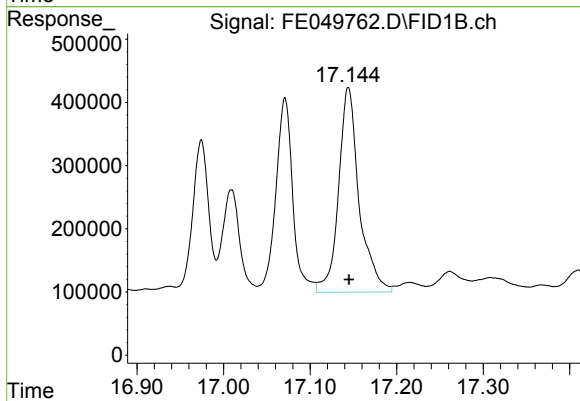
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.005 min
Response: 10533417
Conc: 72.41 ug/ml



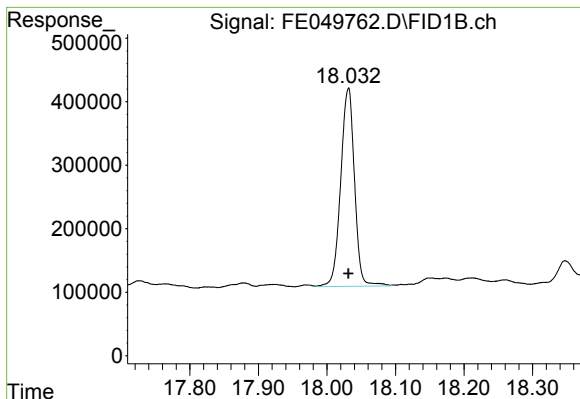
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 4153073
Conc: 28.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.000 min
Response: 5366424
Conc: 37.26 ug/ml



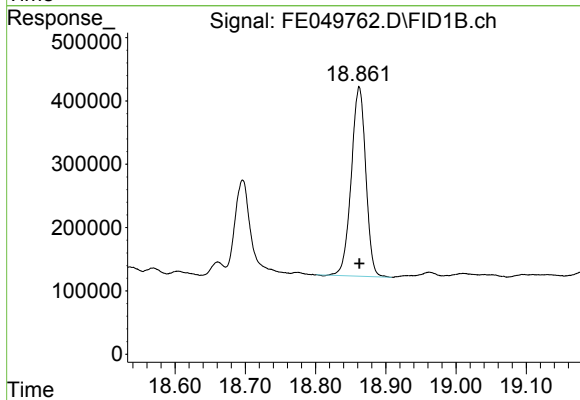
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 4366775
Conc: 29.17 ug/ml

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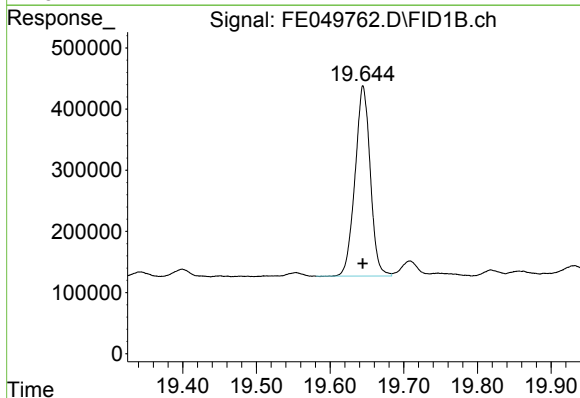
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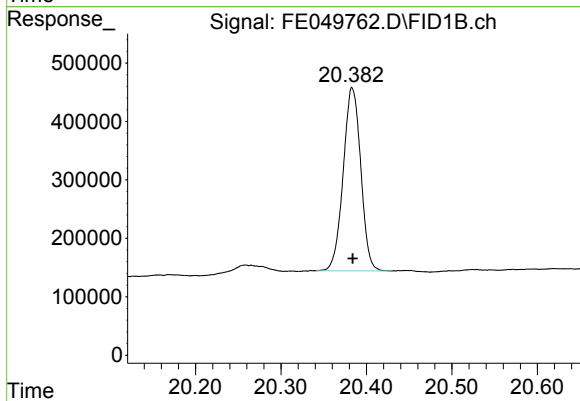
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 4285693
Conc: 28.33 ug/ml



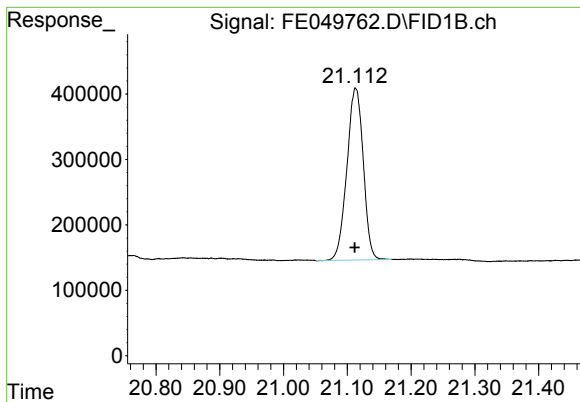
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 4464542
Conc: 29.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 4469469
Conc: 29.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.001 min
Response: 4683180
Conc: 29.84 ug/ml

Instrument :

FID_E

ClientSampleId :

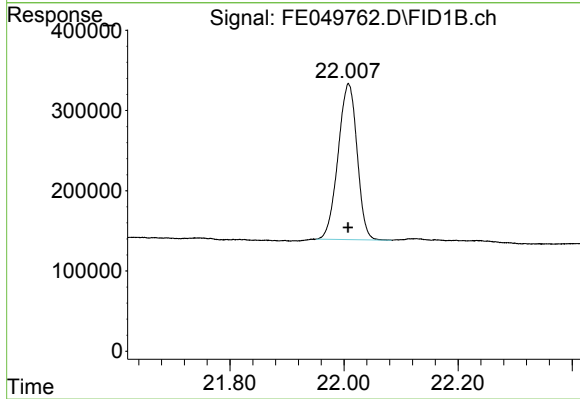
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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.000 min
Response: 4486711
Conc: 29.39 ug/ml