

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048748.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2024 22:18
 Operator : YP\AJ
 Sample : P2883-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 Soil/Gravel-SPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2024
 Supervised By :Ankita Jodhani 06/18/2024

Integration File: autoint1.e
 Quant Time: Jun 18 01:19:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.938	5331359	37.128 ug/ml
Spiked Amount 50.000		Recovery =	74.26%
12) S 1-chlorooctadecane (S...	13.372	4600336	42.227 ug/ml
Spiked Amount 50.000		Recovery =	84.45%
Target Compounds			
1) T n-Nonane (C9)	3.327	3850146	25.753 ug/ml
2) T n-Decane (C10)	4.576	4326219	28.650 ug/ml
3) T A~Naphthalene (C11.7)	6.280	4696684	31.543 ug/ml
4) T n-Dodecane (C12)	6.741	4349306	29.382 ug/ml
5) T A~2-methylnaphthalene...	7.376	4732691	34.133 ug/ml
6) T n-Tetradecane (C14)	8.570	4582448	32.309 ug/ml
7) T n-Hexadecane (C16)	10.176	4867987	34.530 ug/ml
8) T n-Octadecane (C18)	11.619	5029250	36.211 ug/ml
10) T n-Eicosane (C20)	12.927	5071084	38.320 ug/ml
11) T n-Heneicosane (C21)	13.538	4883423	37.701 ug/ml
13) T n-Docosane (C22)	14.124	4887229	37.926 ug/ml
14) T n-Tetracosane (C24)	15.224	9054624	69.893 ug/ml
15) T n-Hexacosane (C26)	16.246	4892161	37.746 ug/ml
16) T n-Octacosane (C28)	17.194	5009322	38.756 ug/ml
17) T n-Tricontane (C30)	18.080	5015233	37.438 ug/ml
18) T n-Dotriacontane (C32)	18.912	5147410	37.921 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5108101	37.340 ug/ml
20) T n-Hexatriacontane (C36)	20.434	5178265	38.094 ug/mlm
21) T n-Octatriacontane (C38)	21.171	5415390	39.710 ug/ml
22) T n-Tetracontane (C40)	22.086	5548641	40.524 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

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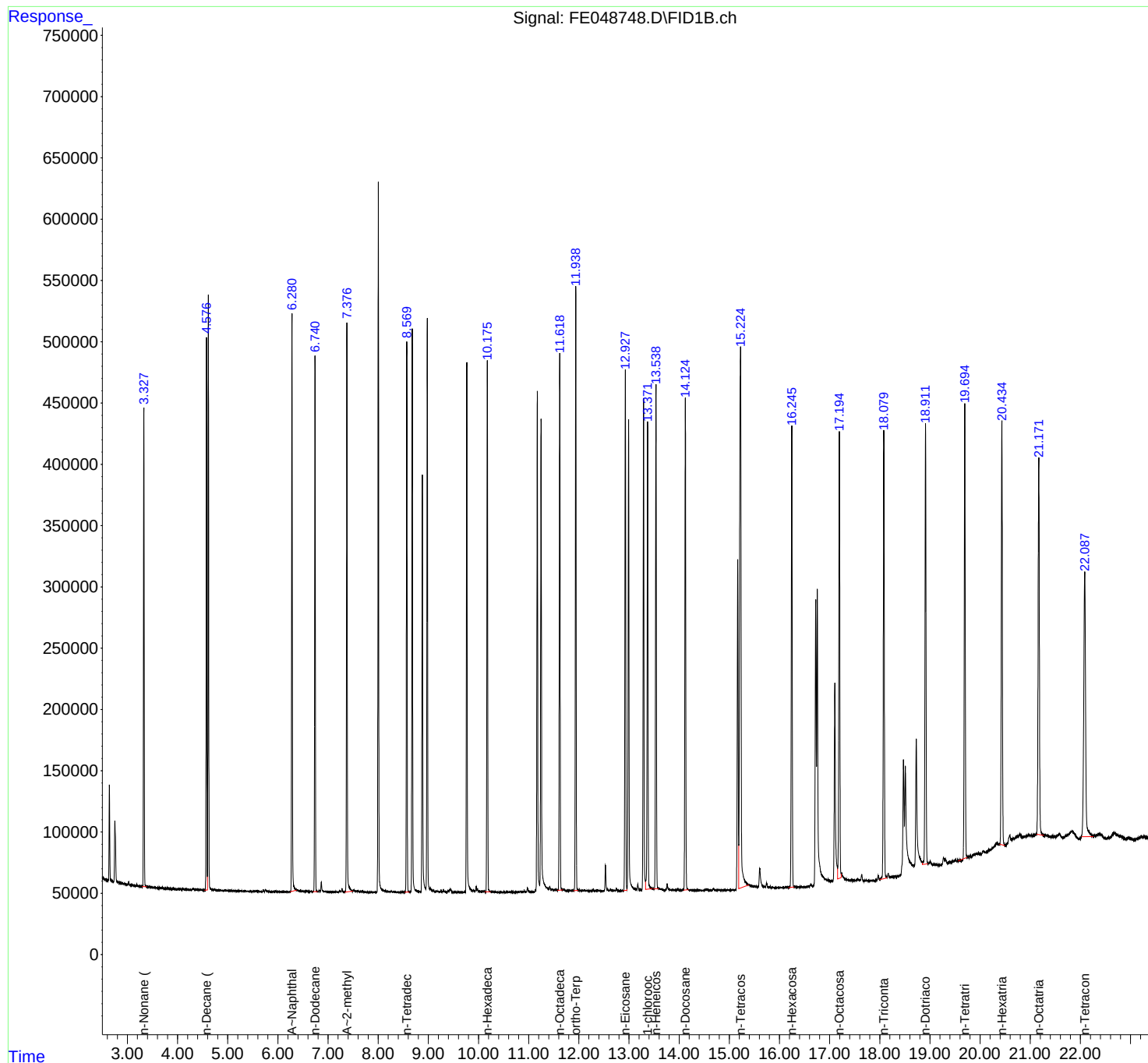
Response via : Initial Calibration

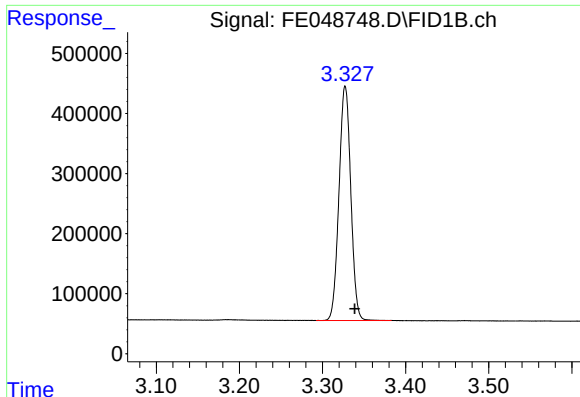
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.012 min
Response: 3850146
Conc: 25.75 ug/ml

Instrument :

FID_E

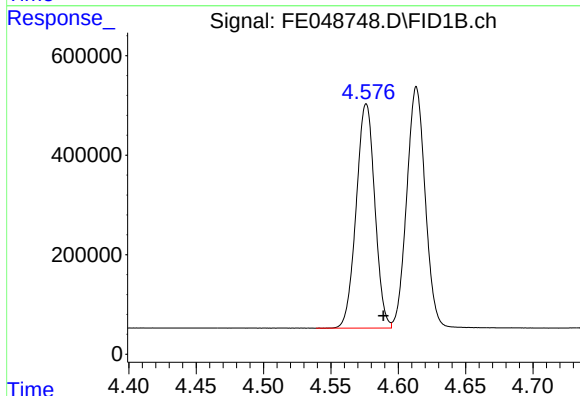
ClientSampleId :

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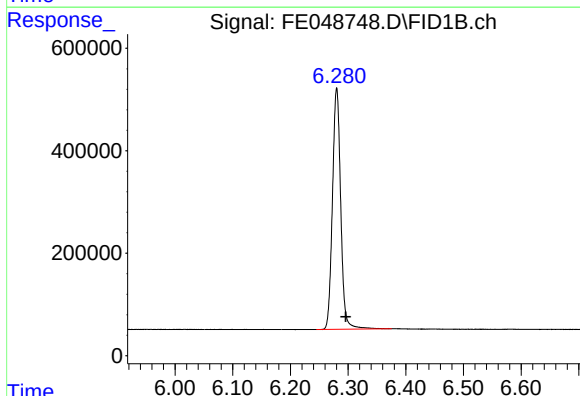
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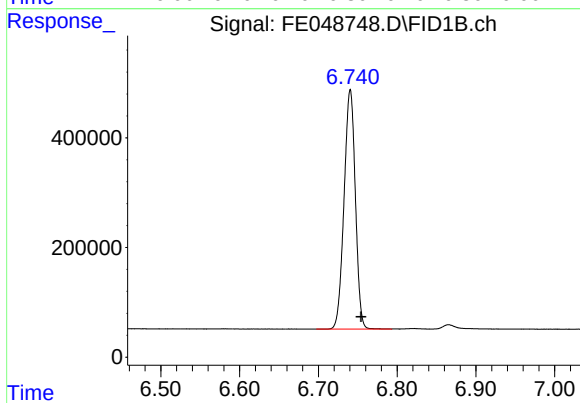
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.013 min
Response: 4326219
Conc: 28.65 ug/ml



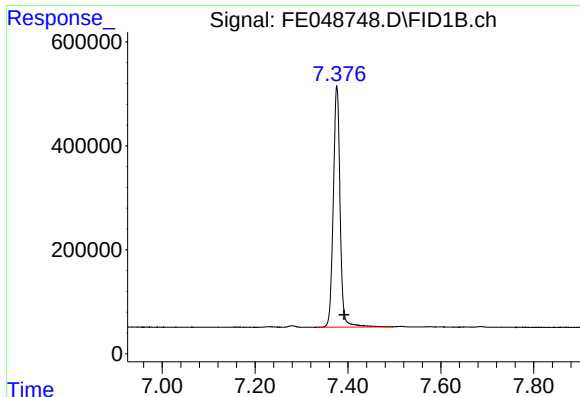
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.016 min
Response: 4696684
Conc: 31.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.014 min
Response: 4349306
Conc: 29.38 ug/ml



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

R.T.: 7.376 min
Delta R.T.: -0.015 min
Response: 4732691
Conc: 34.13 ug/ml

Instrument :

FID_E

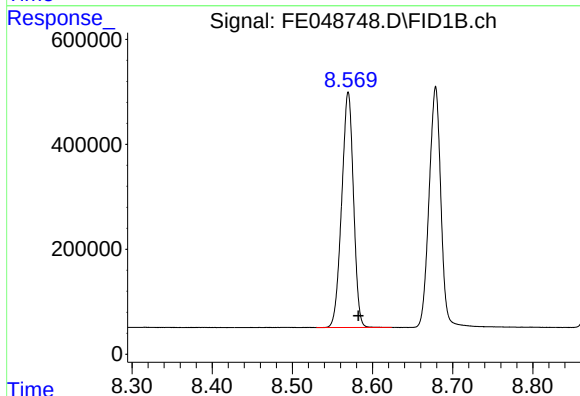
ClientSampleId :

Soil/Gravel-SPMS

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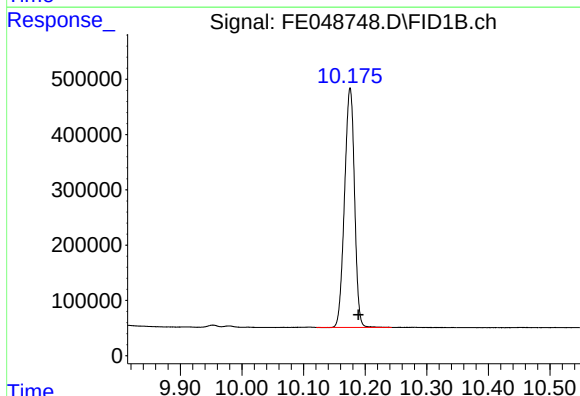
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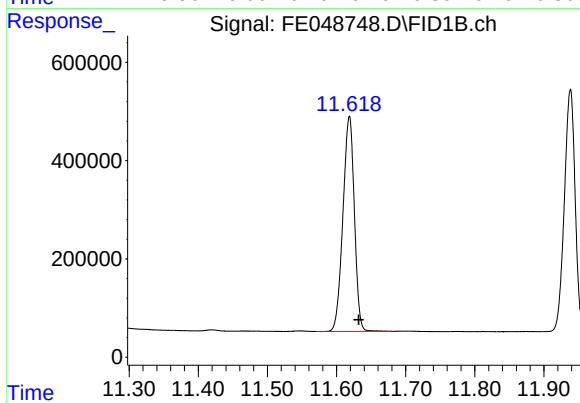
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.013 min
Response: 4582448
Conc: 32.31 ug/ml



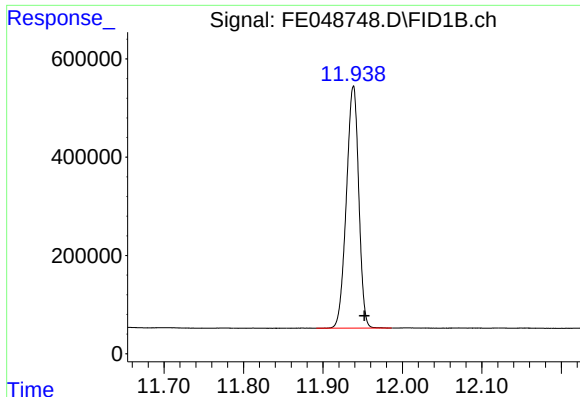
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.014 min
Response: 4867987
Conc: 34.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 5029250
Conc: 36.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.014 min
Response: 5331359
Conc: 37.13 ug/ml

Instrument :

FID_E

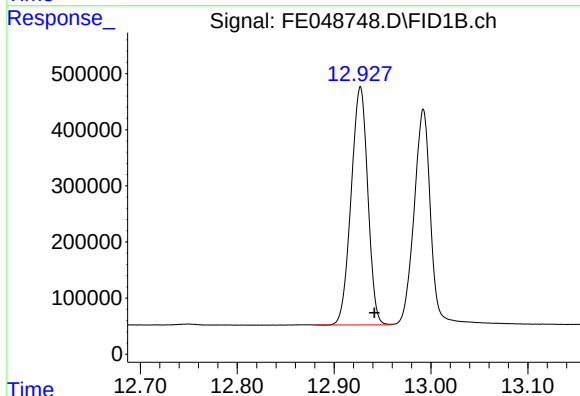
ClientSampleId :

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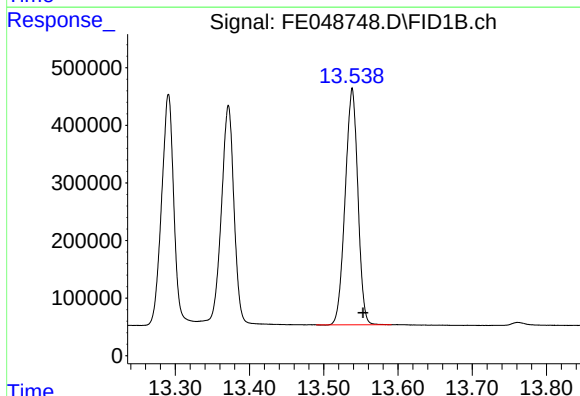
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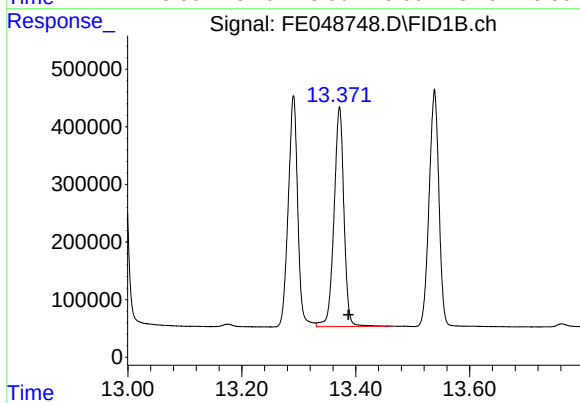
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 5071084
Conc: 38.32 ug/ml



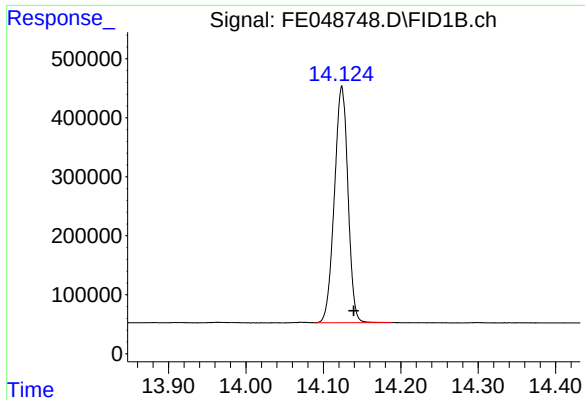
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.014 min
Response: 4883423
Conc: 37.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 4600336
Conc: 42.23 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.016 min
Response: 4887229
Conc: 37.93 ug/ml

Instrument :

FID_E

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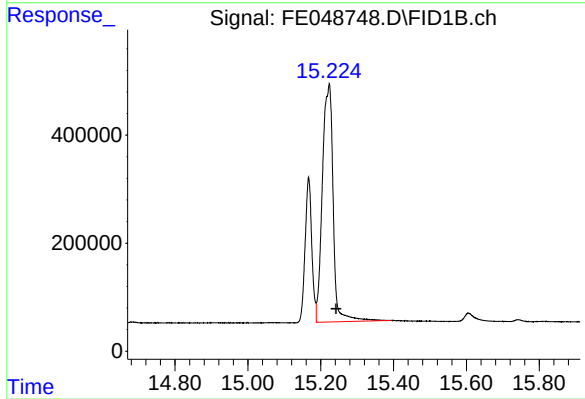
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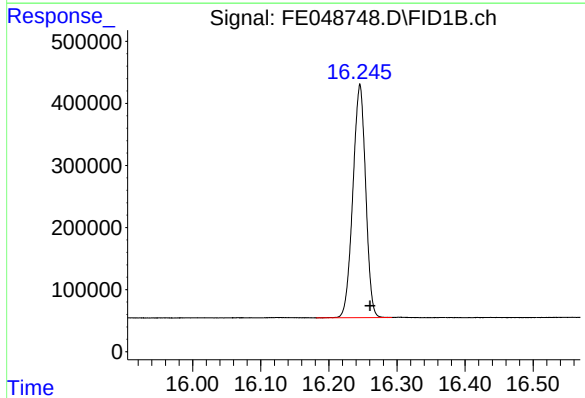
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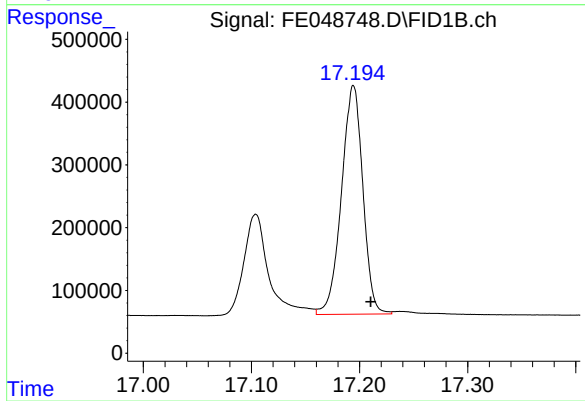
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.018 min
Response: 9054624
Conc: 69.89 ug/ml



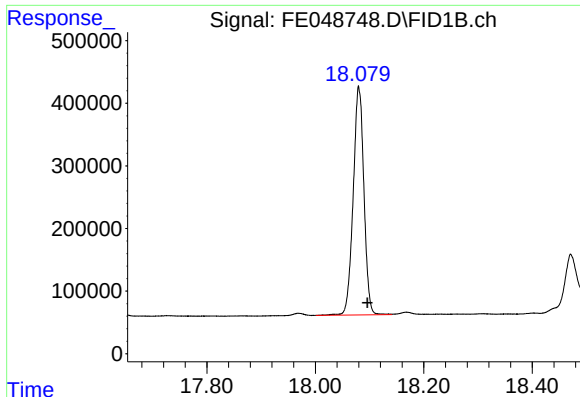
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.015 min
Response: 4892161
Conc: 37.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.016 min
Response: 5009322
Conc: 38.76 ug/ml



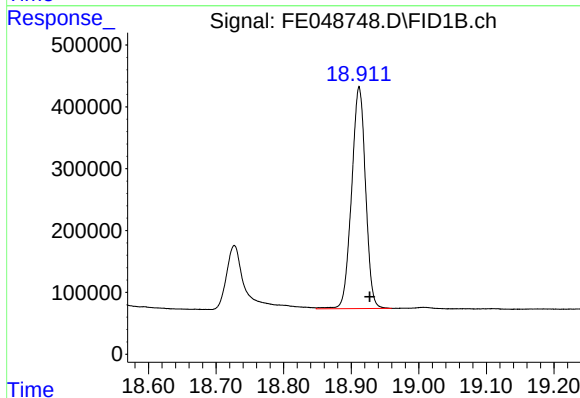
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.016 min
Response: 5015233
Conc: 37.44 ug/ml

Instrument :
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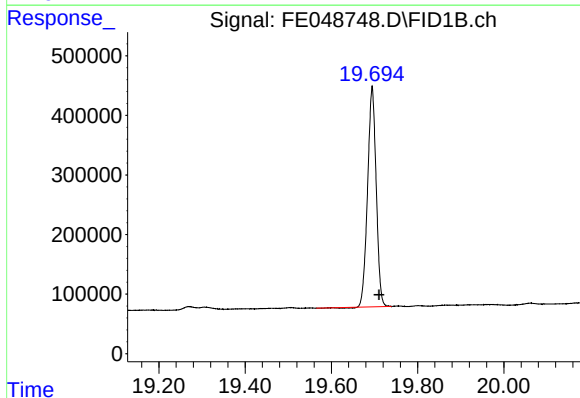
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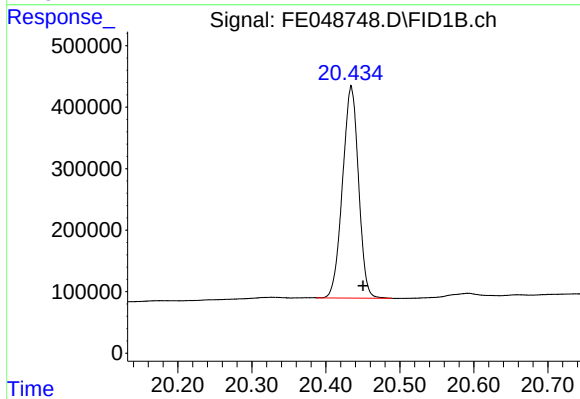
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.016 min
Response: 5147410
Conc: 37.92 ug/ml



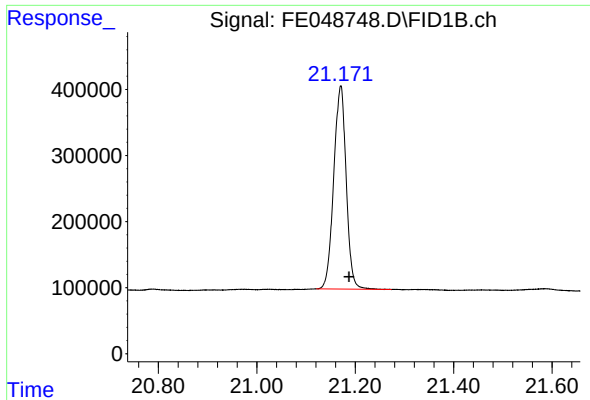
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.016 min
Response: 5108101
Conc: 37.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.017 min
Response: 5178265
Conc: 38.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.017 min
Response: 5415390
Conc: 39.71 ug/ml

Instrument :

FID_E

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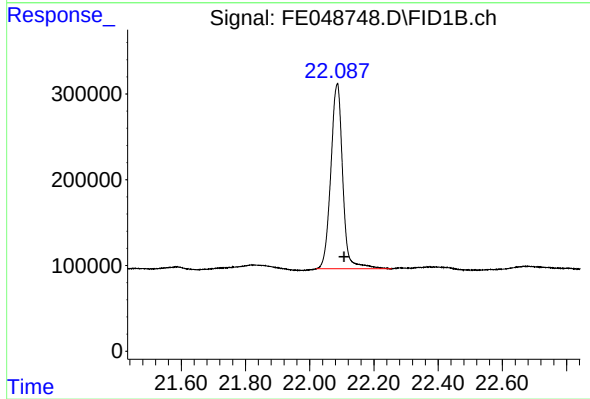
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#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.021 min
Response: 5548641
Conc: 40.52 ug/ml