

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049761.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 16:12
 Operator : YP\AJ
 Sample : P3726-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-SOIL-PILEMS

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 01:21:51 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)	11.885	3186842	19.707 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.321	3377358	27.682 ug/ml
Spiked Amount 50.000		Recovery =	55.36%
Target Compounds			
1) T n-Nonane (C9)	3.274	3010652	19.454 ug/ml
2) T n-Decane (C10)	4.525	3324809	21.058 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3432850	21.395 ug/ml
4) T n-Dodecane (C12)	6.691	3593103	22.856 ug/ml
5) T A~2-methylnaphthalene...	7.327	3433538	22.928 ug/ml
6) T n-Tetradecane (C14)	8.520	3742756	24.244 ug/ml
7) T n-Hexadecane (C16)	10.125	3817465	24.443 ug/ml
8) T n-Octadecane (C18)	11.567	3986528	25.383 ug/ml
10) T n-Eicosane (C20)	12.875	4177254	27.978 ug/mlm
11) T n-Heneicosane (C21)	13.487	4274843	29.141 ug/ml
13) T n-Docosane (C22)	14.072	4175224	28.646 ug/mlm
14) T n-Tetracosane (C24)	15.171	9657584	66.391 ug/ml
15) T n-Hexacosane (C26)	16.197	3848419	26.665 ug/ml
16) T n-Octacosane (C28)	17.145	4917138	34.138 ug/ml
17) T n-Tricontane (C30)	18.032	3966420	26.495 ug/ml
18) T n-Dotriacontane (C32)	18.862	3989506	26.371 ug/ml
19) T n-Tetratriacontane (C34)	19.645	4102277	26.833 ug/ml
20) T n-Hexatriacontane (C36)	20.384	4165851	27.433 ug/ml
21) T n-Octatriacontane (C38)	21.113	4350438	27.718 ug/ml
22) T n-Tetracontane (C40)	22.008	4162503	27.263 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 11 Sample Multiplier: 1

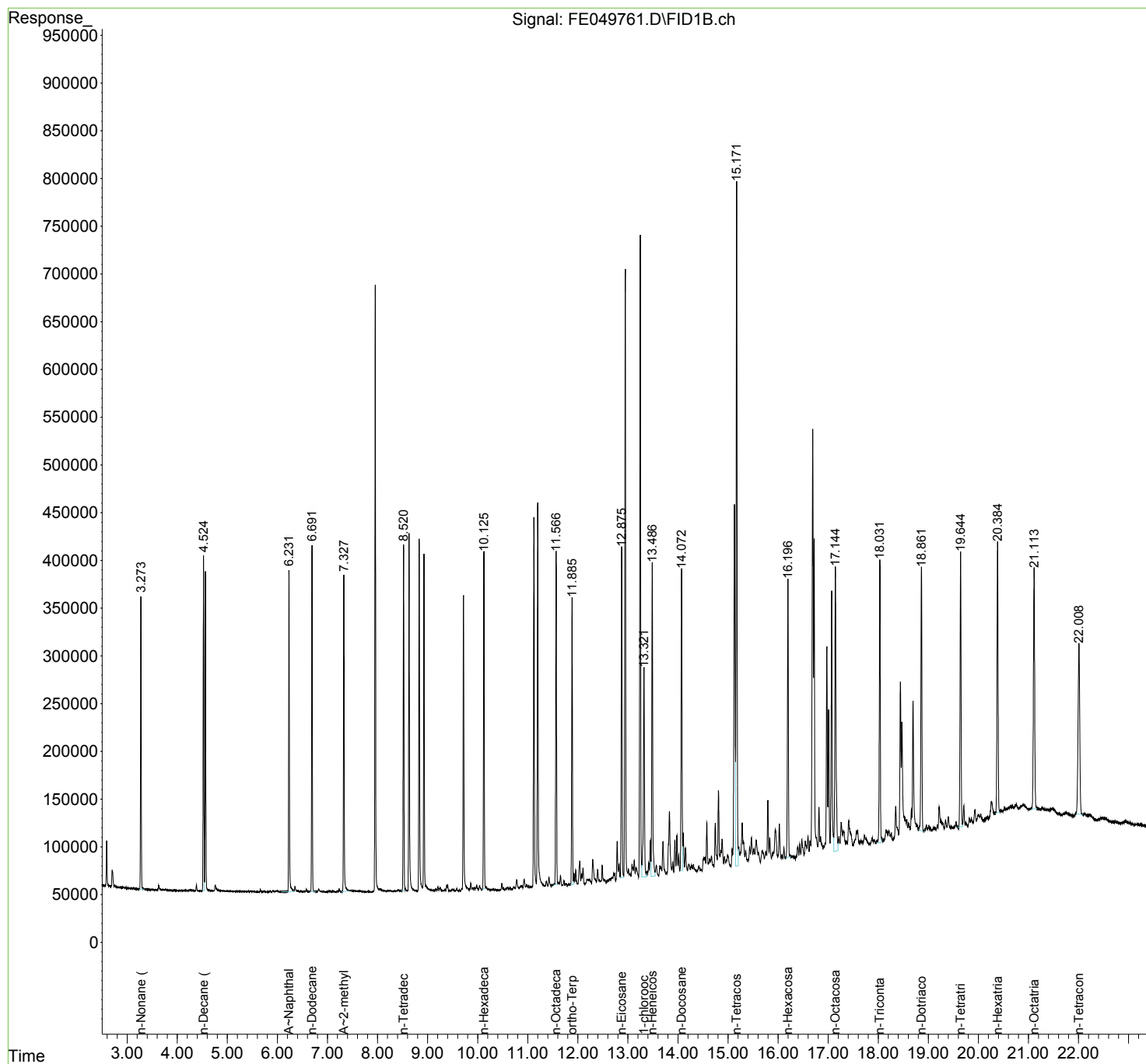
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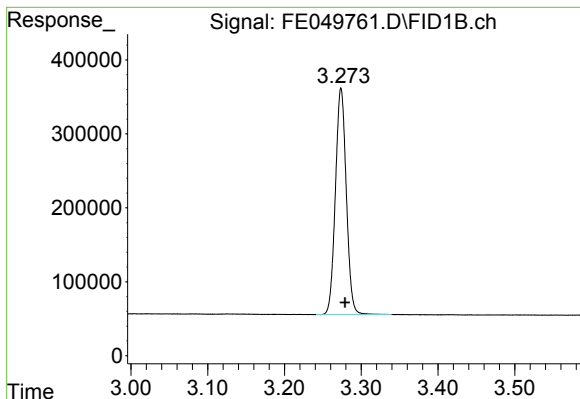
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#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 3010652
Conc: 19.45 ug/ml

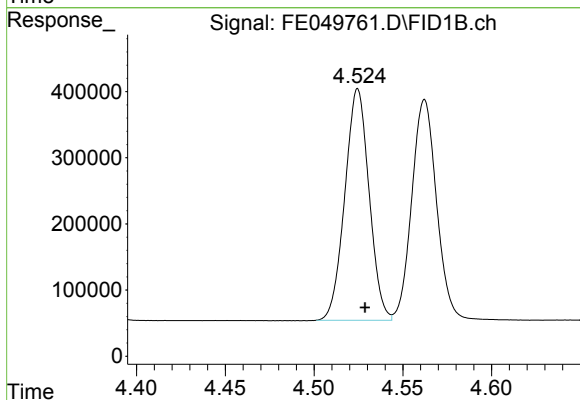
Instrument :

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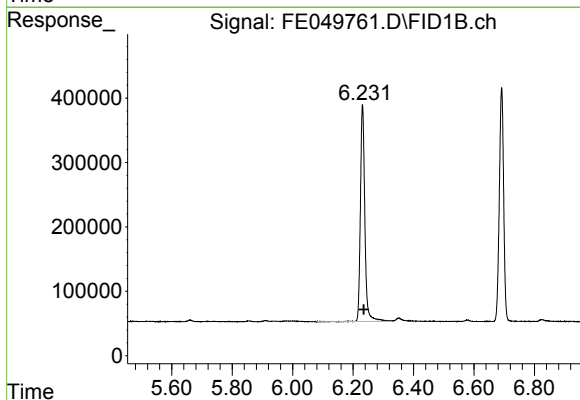
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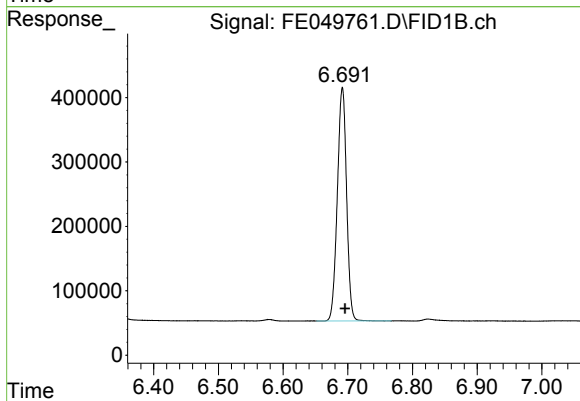
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 3324809
Conc: 21.06 ug/ml



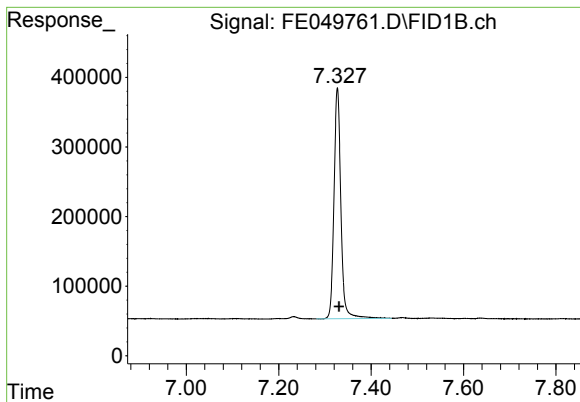
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 3432850
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3593103
Conc: 22.86 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 3433538
Conc: 22.93 ug/ml

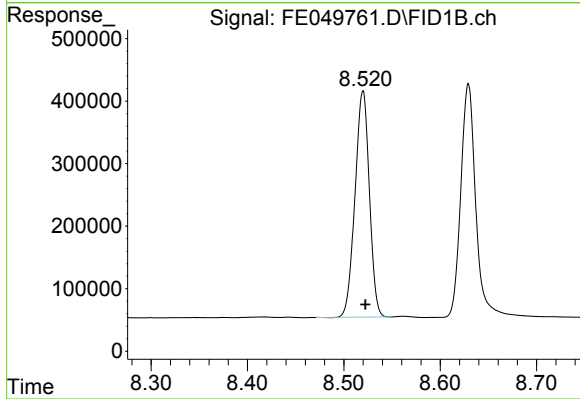
Instrument :

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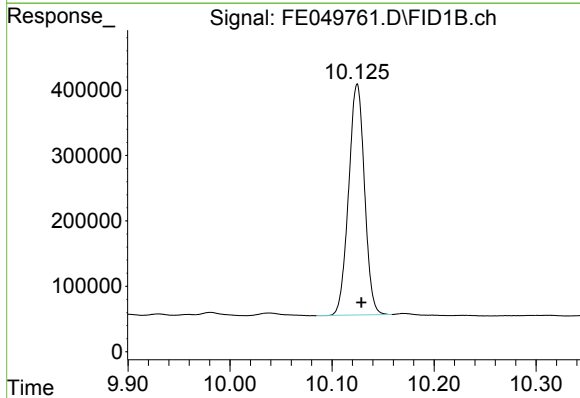
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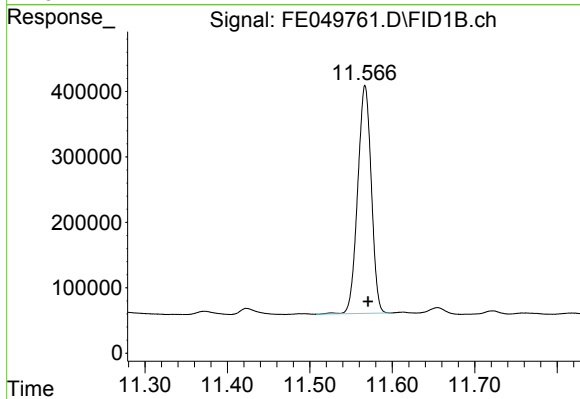
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 3742756
Conc: 24.24 ug/ml



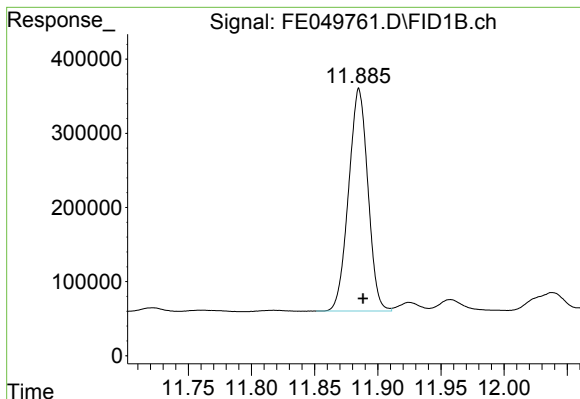
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 3817465
Conc: 24.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 3986528
Conc: 25.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.003 min
Response: 3186842
Conc: 19.71 ug/ml

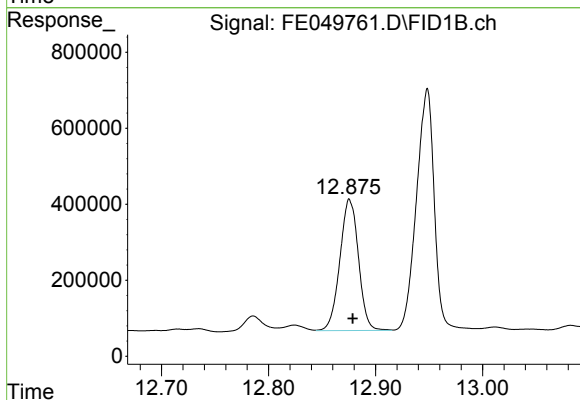
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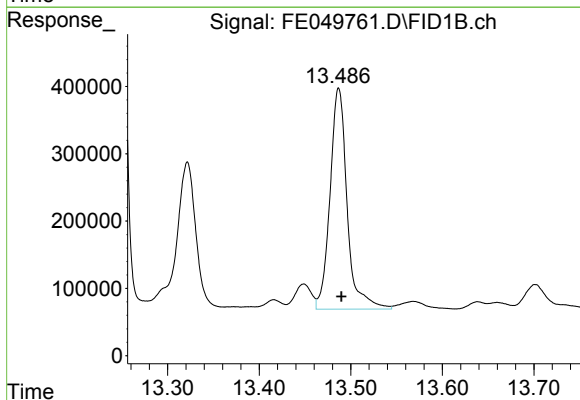
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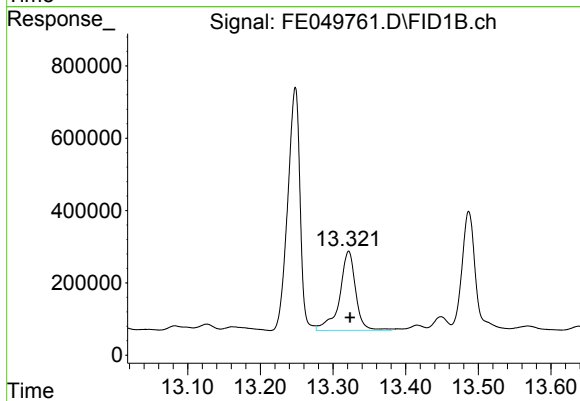
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 4177254
Conc: 27.98 ug/ml m



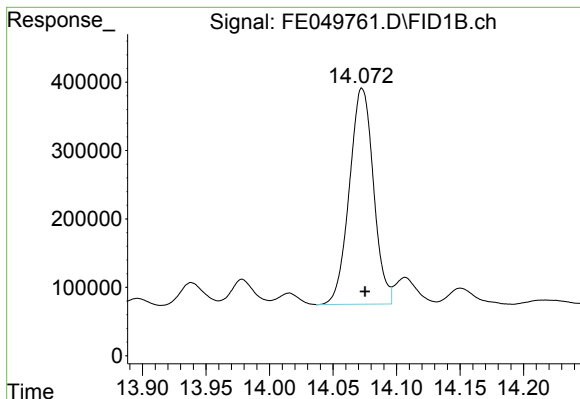
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.003 min
Response: 4274843
Conc: 29.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: -0.002 min
Response: 3377358
Conc: 27.68 ug/ml



#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 4175224
Conc: 28.65 ug/ml

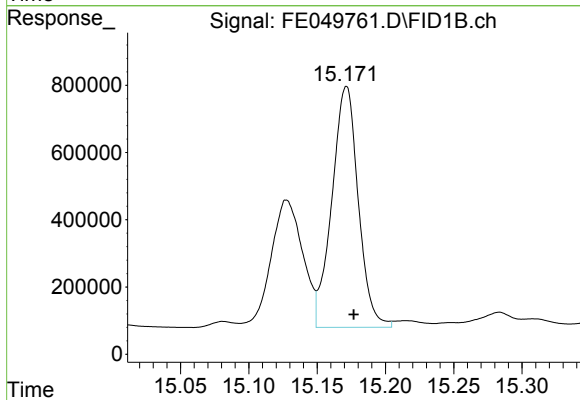
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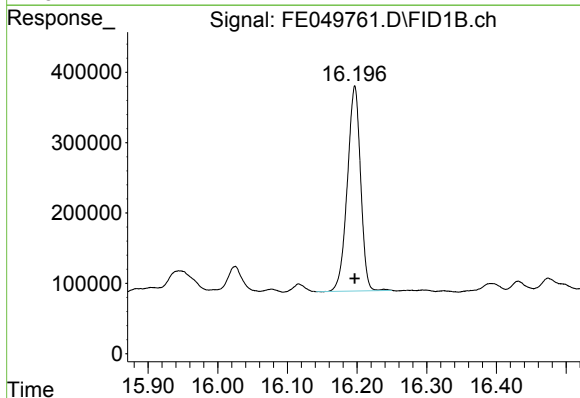
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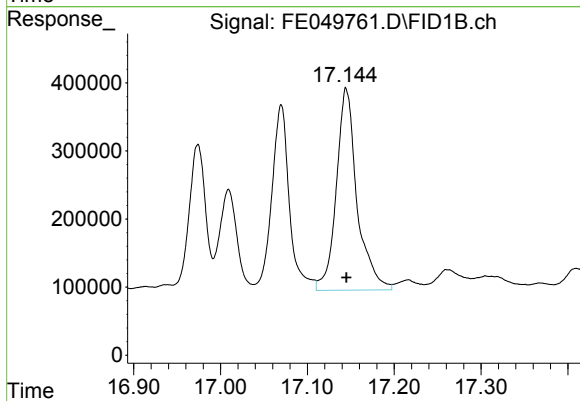
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.006 min
Response: 9657584
Conc: 66.39 ug/ml



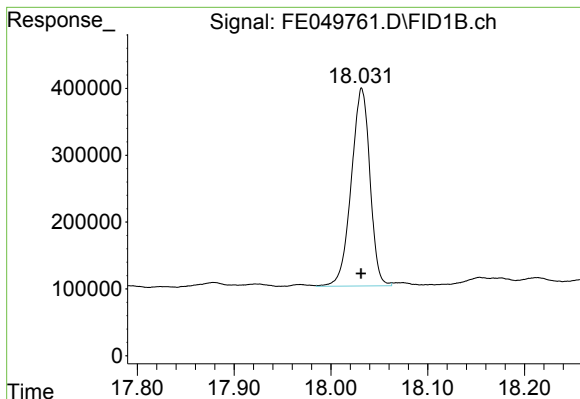
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 3848419
Conc: 26.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 4917138
Conc: 34.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.000 min
Response: 3966420
Conc: 26.50 ug/ml

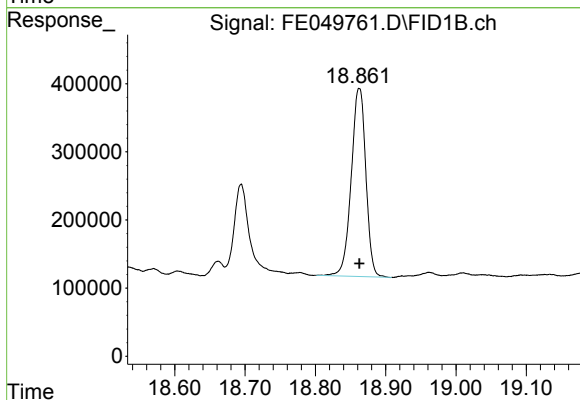
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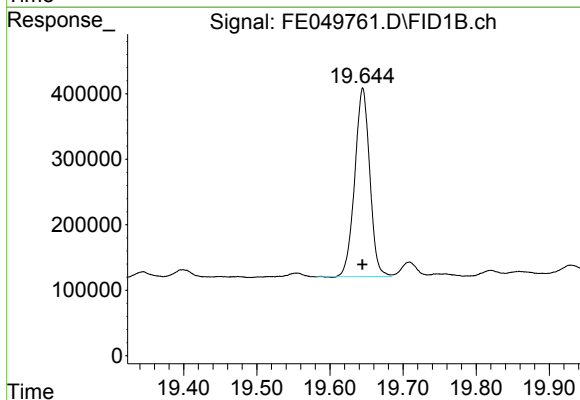
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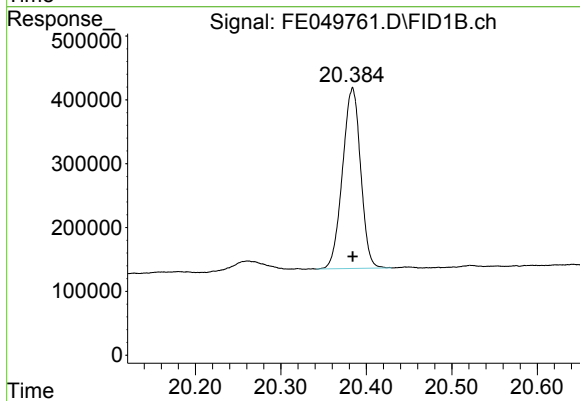
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 3989506
Conc: 26.37 ug/ml



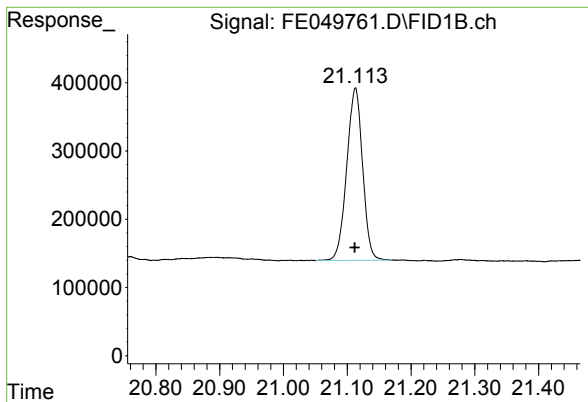
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 4102277
Conc: 26.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 4165851
Conc: 27.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.001 min
Response: 4350438
Conc: 27.72 ug/ml

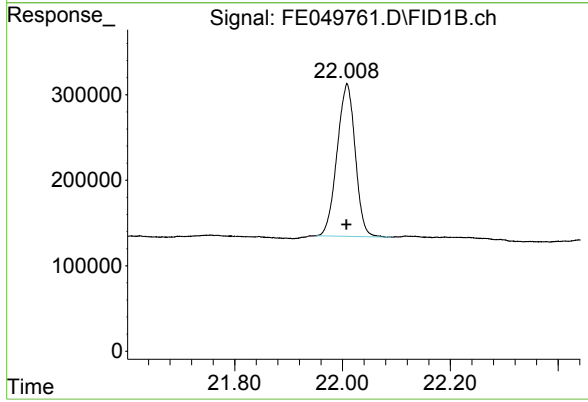
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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.001 min
Response: 4162503
Conc: 27.26 ug/ml