

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051682.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 15:28
 Operator : YP\AJ
 Sample : P5312-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-VNJ-222MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e
 Quant Time: Dec 19 01:10:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.008	4629454	28.836 ug/ml
Spiked Amount 50.000		Recovery =	57.67%
12) S 1-chlorooctadecane (S...	13.426	3782999	29.989 ug/ml
Spiked Amount 50.000		Recovery =	59.98%
Target Compounds			
1) T n-Nonane (C9)	3.490	4643164	38.751 ug/ml
2) T n-Decane (C10)	4.720	5416939	43.568 ug/ml
3) T A~Naphthalene (C11.7)	6.403	6786581	47.625 ug/ml
4) T n-Dodecane (C12)	6.852	6445372	49.535 ug/mlm
5) T A~2-methylnaphthalene...	7.485	6766100	47.810 ug/ml
6) T n-Tetradecane (C14)	8.663	7248898	54.064 ug/ml
7) T n-Hexadecane (C16)	10.255	7730141	54.091 ug/ml
8) T n-Octadecane (C18)	11.688	8069732	54.742 ug/ml
10) T n-Eicosane (C20)	12.988	8178437	56.848 ug/ml
11) T n-Heneicosane (C21)	13.594	7911818	55.675 ug/ml
13) T n-Docosane (C22)	14.175	7723333	54.782 ug/ml
14) T n-Tetracosane (C24)	15.266	15056897	107.917 ug/ml
15) T n-Hexacosane (C26)	16.284	7249232	53.803 ug/ml
16) T n-Octacosane (C28)	17.225	6996181	53.780 ug/ml
17) T n-Tricontane (C30)	18.106	6973278	52.690 ug/ml
18) T n-Dotriacontane (C32)	18.931	6825708	54.446 ug/ml
19) T n-Tetratriacontane (C34)	19.707	6482653	58.922 ug/ml
20) T n-Hexatriacontane (C36)	20.441	5929866	61.762 ug/ml
21) T n-Octatriacontane (C38)	21.176	5691060	63.202 ug/ml
22) T n-Tetracontane (C40)	22.097	5525258	56.609 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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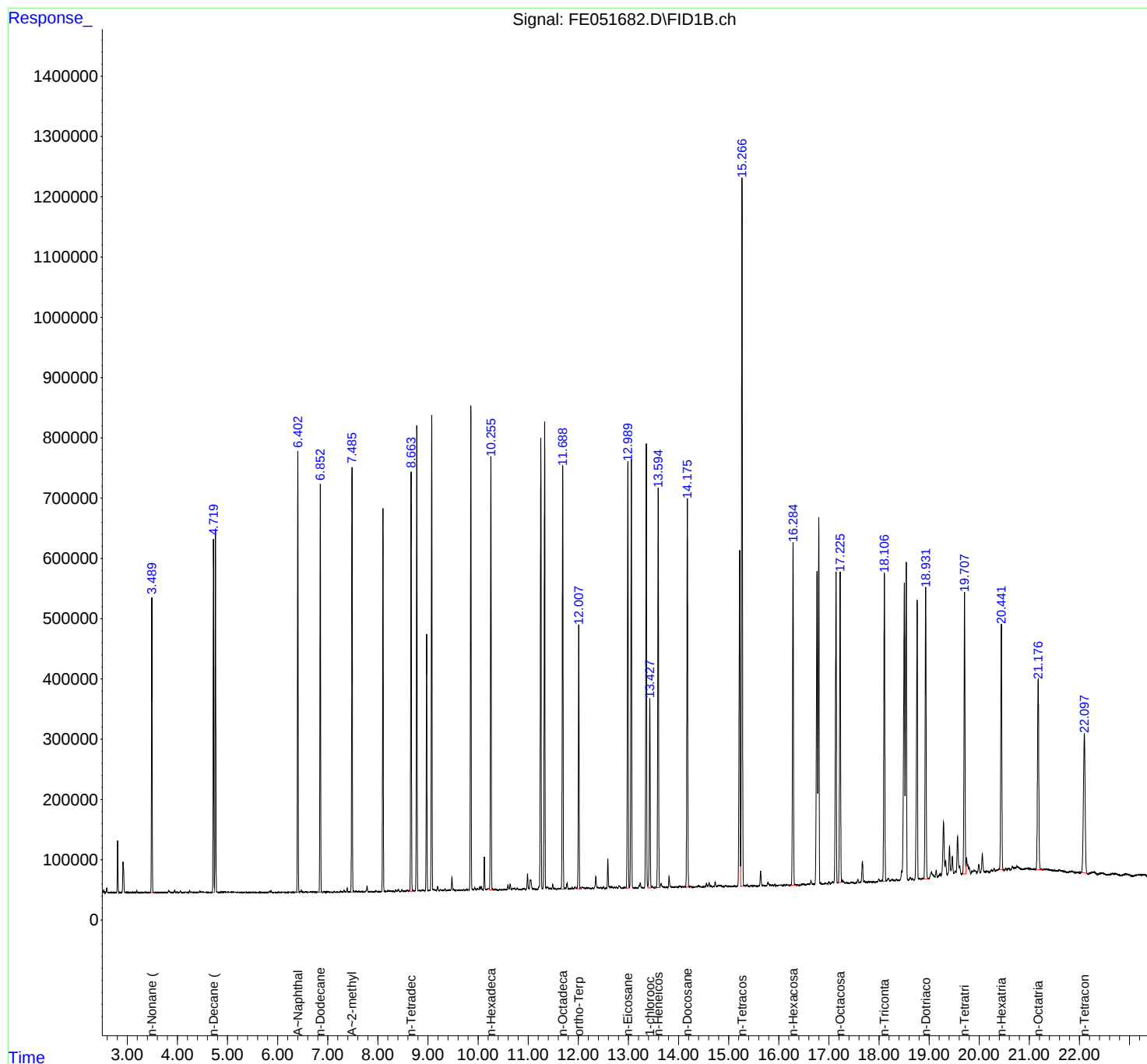
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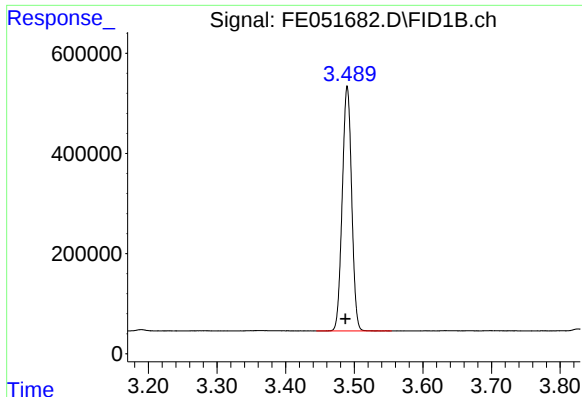
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#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: 0.003 min
Response: 4643164
Conc: 38.75 ug/ml

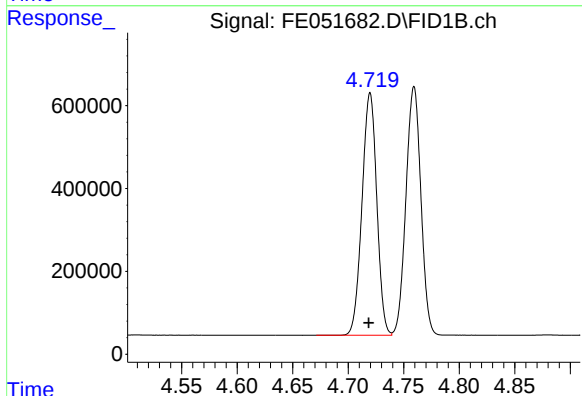
Instrument :

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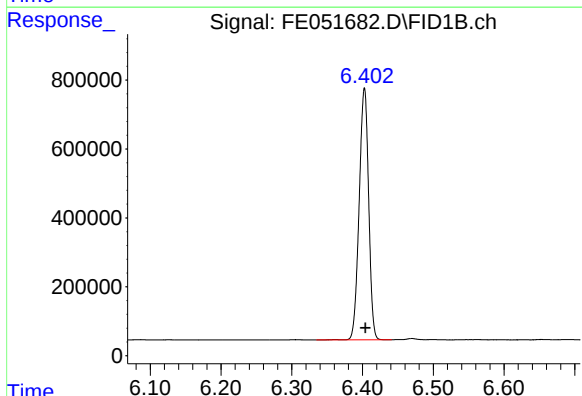
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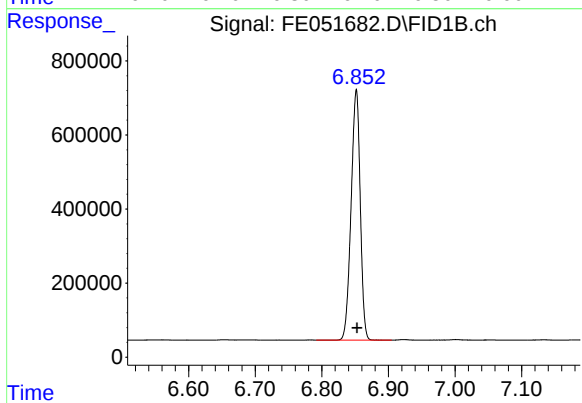
#2 n-Decane (C10)

R.T.: 4.720 min
Delta R.T.: 0.001 min
Response: 5416939
Conc: 43.57 ug/ml



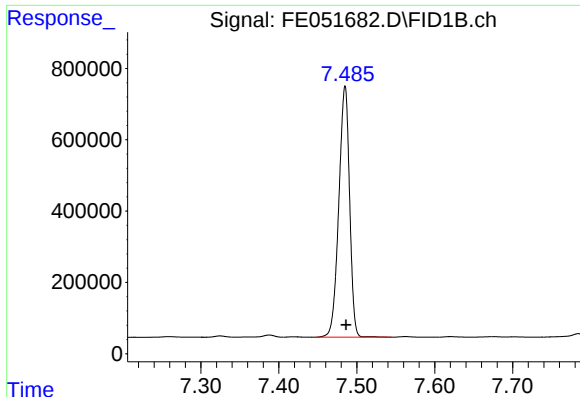
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 6786581
Conc: 47.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.852 min
Delta R.T.: -0.001 min
Response: 6445372
Conc: 49.53 ug/ml m



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

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 6766100
Conc: 47.81 ug/ml

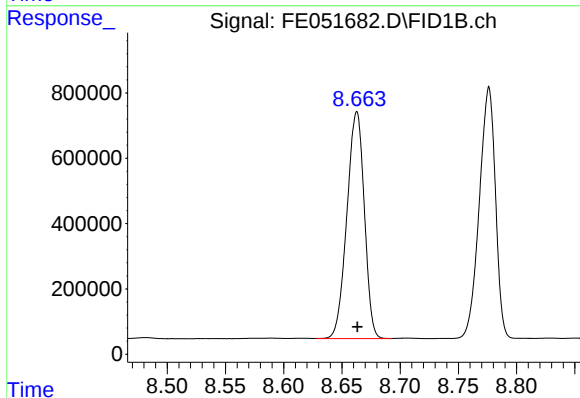
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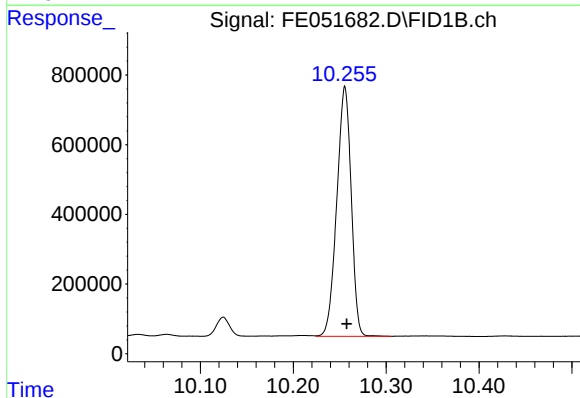
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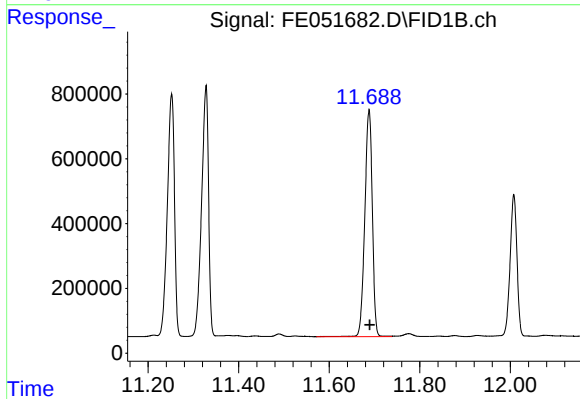
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 7248898
Conc: 54.06 ug/ml



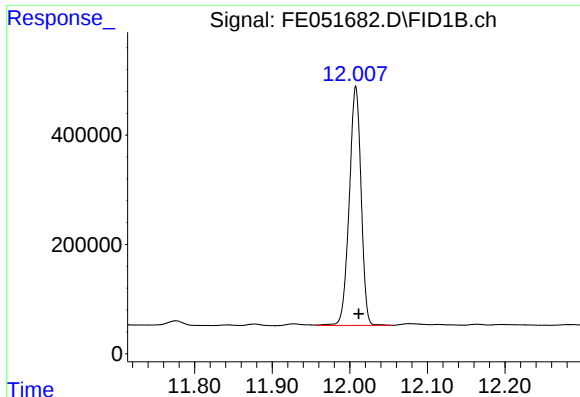
#7 n-Hexadecane (C16)

R.T.: 10.255 min
Delta R.T.: -0.002 min
Response: 7730141
Conc: 54.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.688 min
Delta R.T.: -0.002 min
Response: 8069732
Conc: 54.74 ug/ml



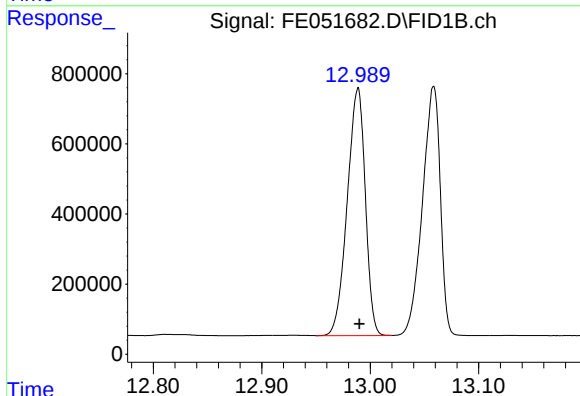
#9 ortho-Terphenyl (SURR)

R.T.: 12.008 min
Delta R.T.: -0.004 min
Response: 4629454
Conc: 28.84 ug/ml

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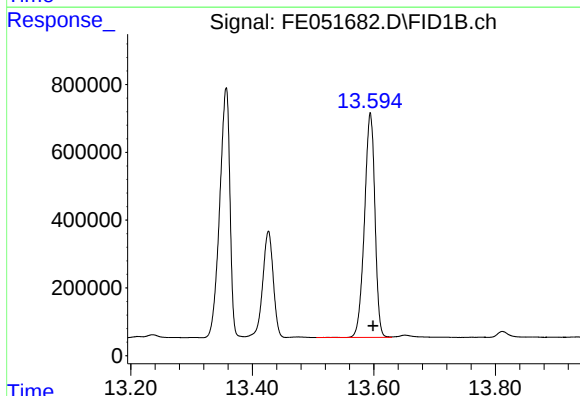
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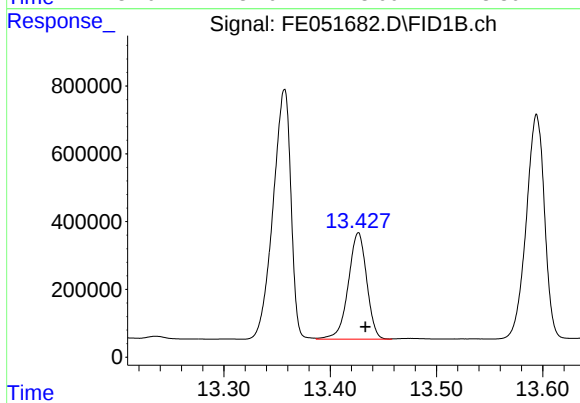
#10 n-Eicosane (C20)

R.T.: 12.988 min
Delta R.T.: -0.002 min
Response: 8178437
Conc: 56.85 ug/ml



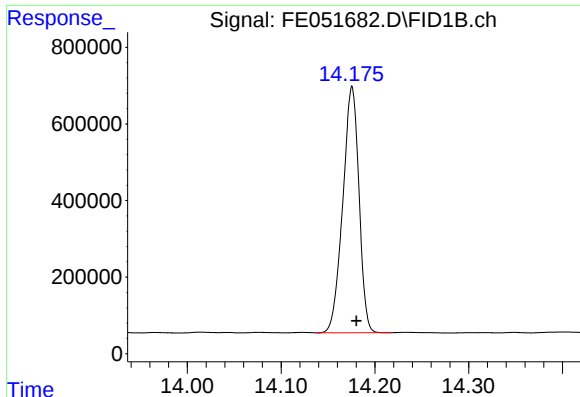
#11 n-Heneicosane (C21)

R.T.: 13.594 min
Delta R.T.: -0.004 min
Response: 7911818
Conc: 55.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.426 min
Delta R.T.: -0.007 min
Response: 3782999
Conc: 29.99 ug/ml



#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: -0.005 min
Response: 7723333
Conc: 54.78 ug/ml

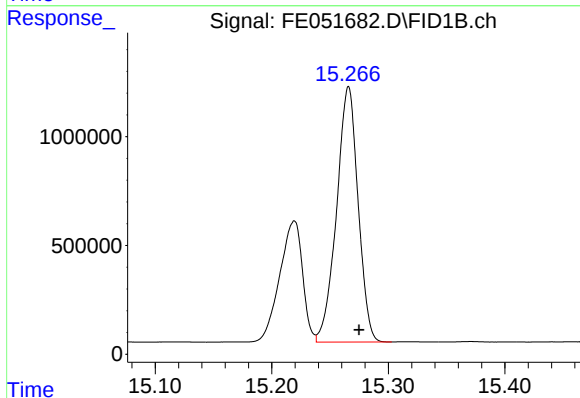
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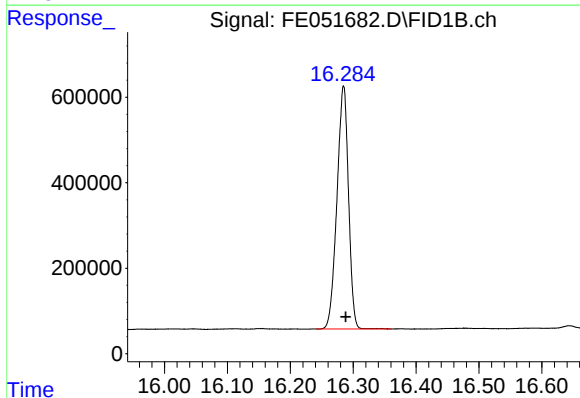
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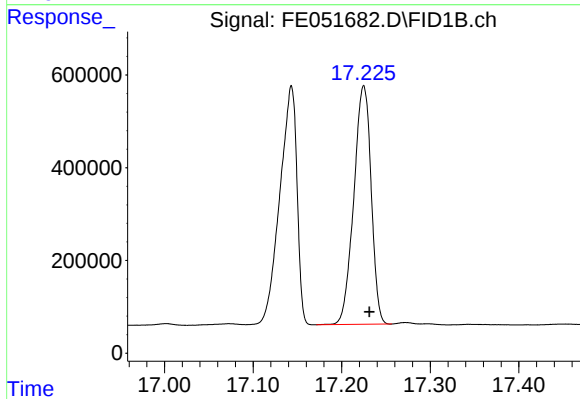
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.009 min
Response: 15056897
Conc: 107.92 ug/ml



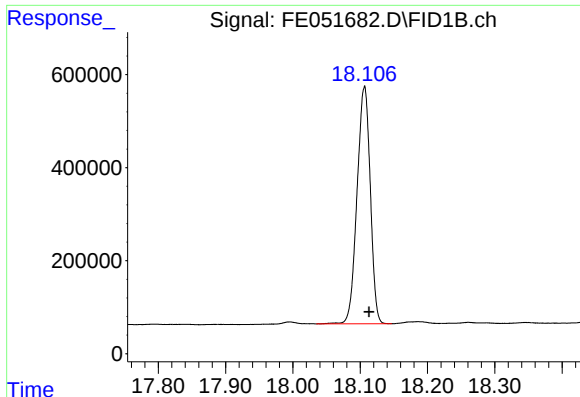
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.004 min
Response: 7249232
Conc: 53.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.007 min
Response: 6996181
Conc: 53.78 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: -0.007 min
Response: 6973278
Conc: 52.69 ug/ml

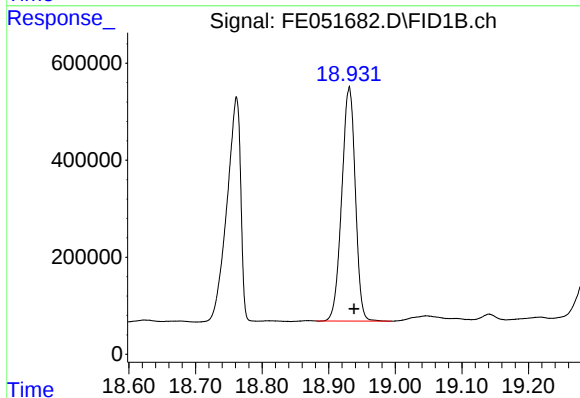
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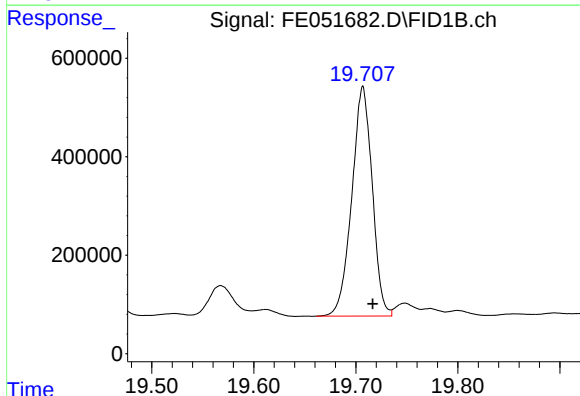
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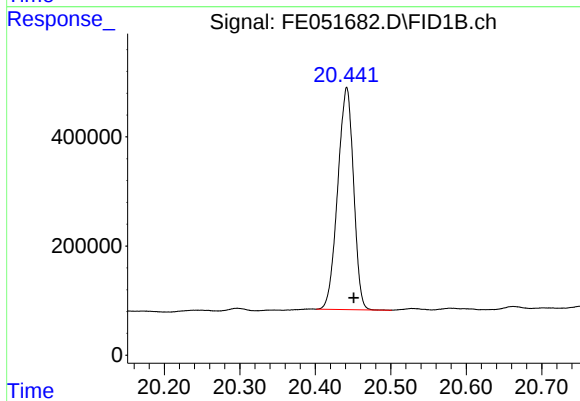
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.008 min
Response: 6825708
Conc: 54.45 ug/ml



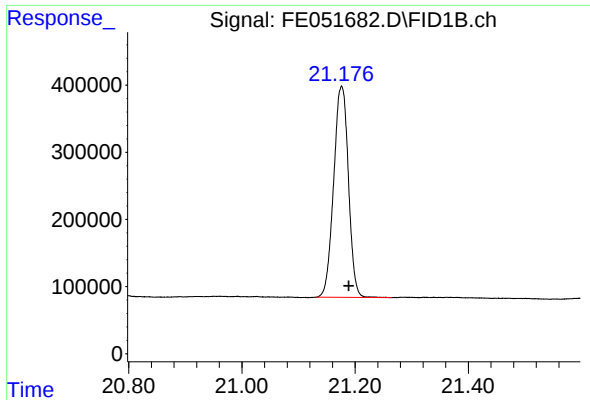
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.010 min
Response: 6482653
Conc: 58.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.010 min
Response: 5929866
Conc: 61.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: -0.013 min
Response: 5691060
Conc: 63.20 ug/ml

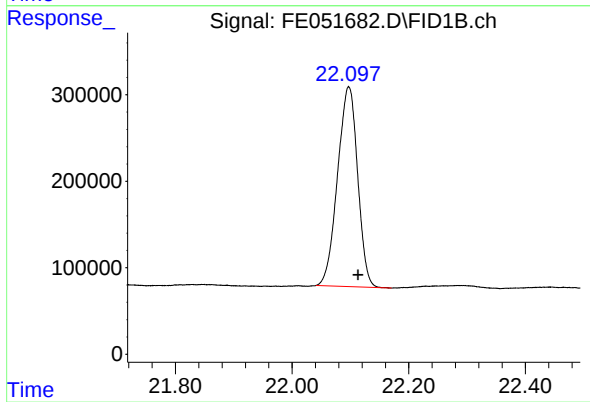
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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.016 min
Response: 5525258
Conc: 56.61 ug/ml