

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052351.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2025 16:23
 Operator : YP\AJ
 Sample : Q1346-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e
 Quant Time: Feb 12 01:19:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 2025
 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)	12.311	3332740	26.927 ug/ml
Spiked Amount 50.000		Recovery =	53.85%
12) S 1-chlorooctadecane (S...	13.723	2844858	28.826 ug/ml
Spiked Amount 50.000		Recovery =	57.65%
Target Compounds			
1) T n-Nonane (C9)	3.779	2728909	29.216 ug/ml
2) T n-Decane (C10)	5.007	3045505	31.713 ug/ml
3) T A~Naphthalene (C11.7)	6.708	3724230	34.848 ug/ml
4) T n-Dodecane (C12)	7.136	3323638	33.533 ug/ml
5) T A~2-methylnaphthalene...	7.789	3594401	34.320 ug/ml
6) T n-Tetradecane (C14)	8.944	3631113	35.983 ug/ml
7) T n-Hexadecane (C16)	10.539	3743623	34.498 ug/ml
8) T n-Octadecane (C18)	11.973	3881929	34.171 ug/ml
10) T n-Eicosane (C20)	13.277	4114771	36.462 ug/ml
11) T n-Heneicosane (C21)	13.885	3884122	34.491 ug/ml
13) T n-Docosane (C22)	14.469	3883124	34.306 ug/ml
14) T n-Tetracosane (C24)	15.550	8523233	74.129 ug/ml
15) T n-Hexacosane (C26)	16.584	3661918	31.931 ug/ml
16) T n-Octacosane (C28)	17.529	3539960	31.287 ug/ml
17) T n-Tricontane (C30)	18.413	3620827	31.776 ug/ml
18) T n-Dotriacontane (C32)	19.243	3497476	32.079 ug/ml
19) T n-Tetratriacontane (C34)	20.023	3180876	33.528 ug/ml
20) T n-Hexatriacontane (C36)	20.761	2993829	36.233 ug/mlm
21) T n-Octatriacontane (C38)	21.576	2740878	36.894 ug/ml
22) T n-Tetracontane (C40)	22.617	2734002	36.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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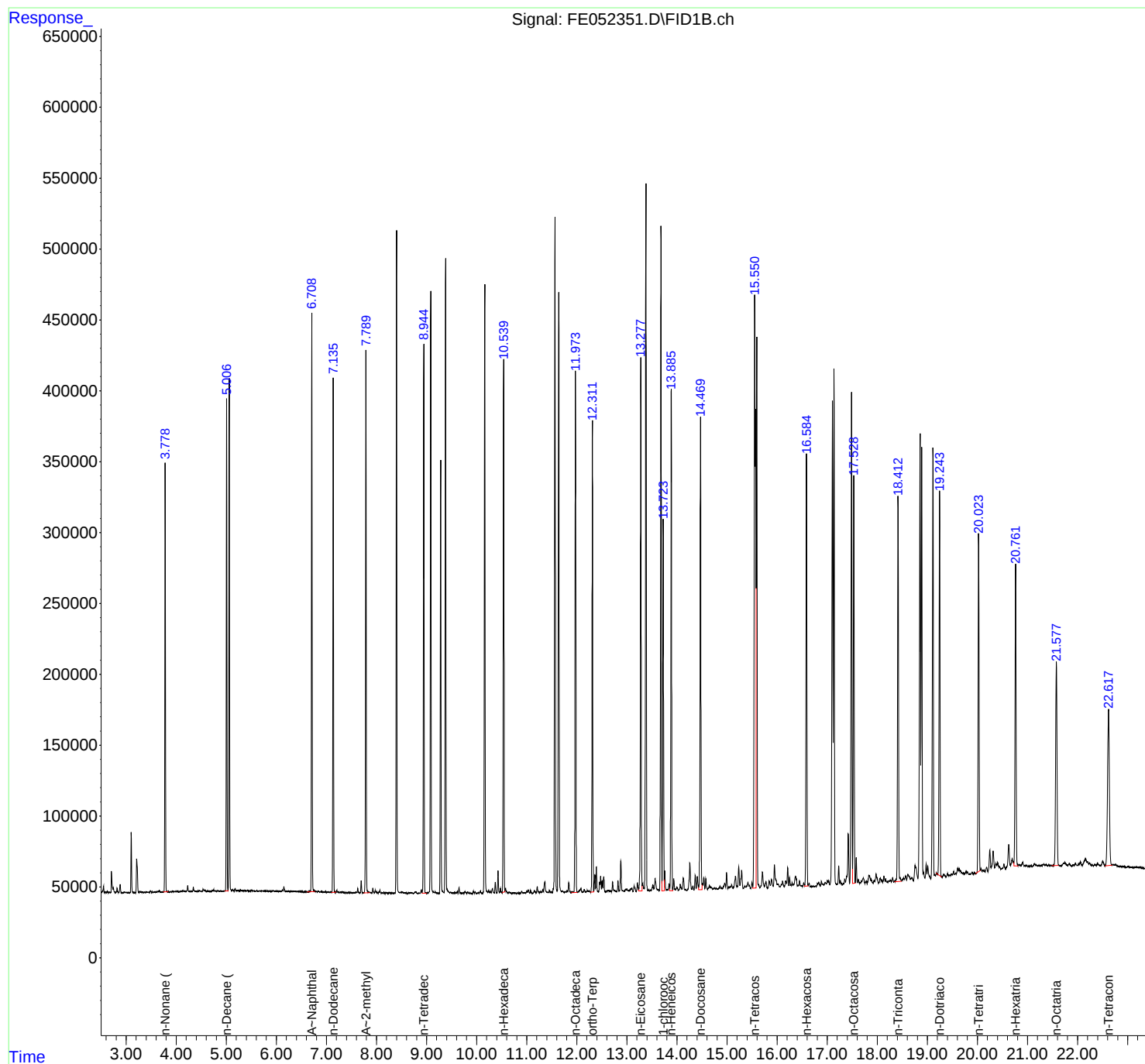
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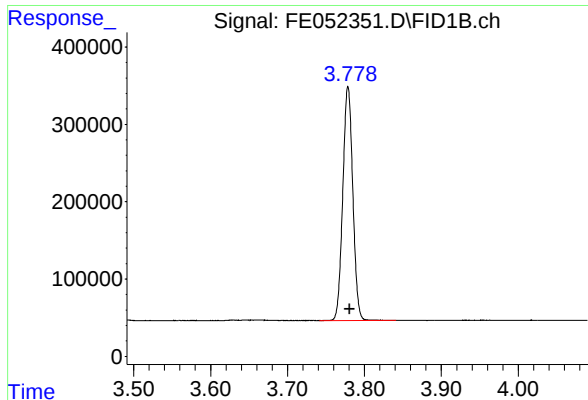
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#1 n-Nonane (C9)

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 2728909
Conc: 29.22 ug/ml

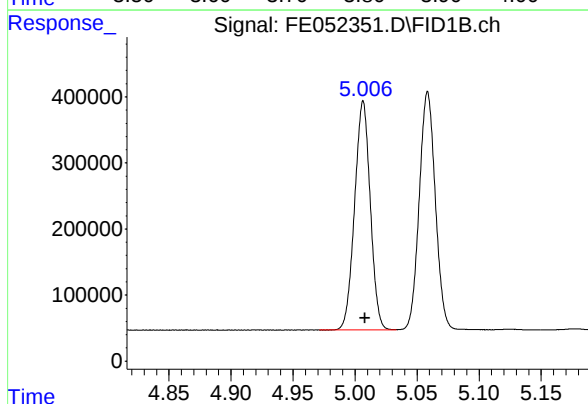
Instrument :

FID_E

ClientSampleId :
SOIL-COMPMS

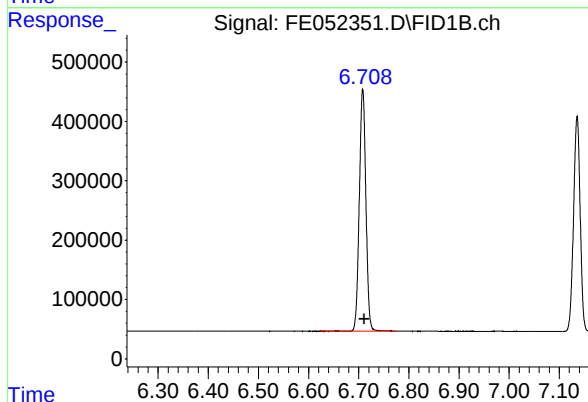
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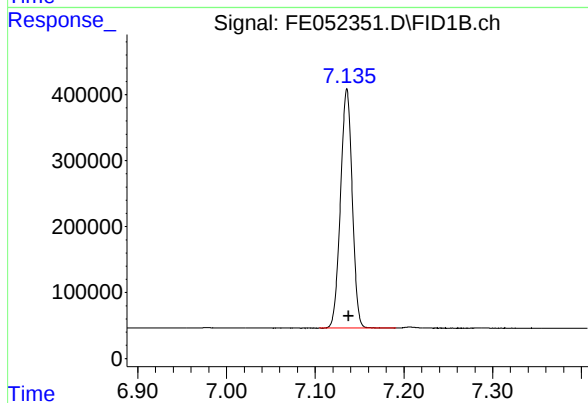
#2 n-Decane (C10)

R.T.: 5.007 min
Delta R.T.: -0.001 min
Response: 3045505
Conc: 31.71 ug/ml



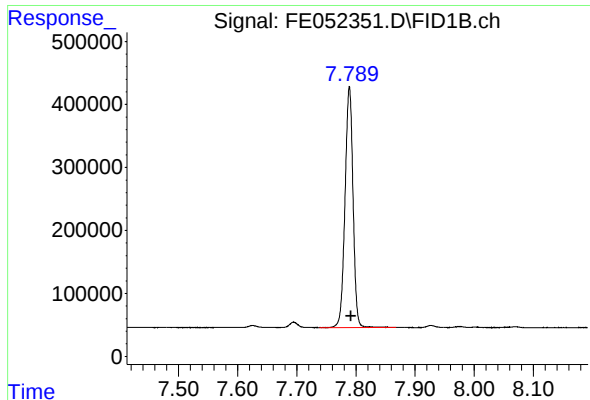
#3 A~Naphthalene (C11.7)

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 3724230
Conc: 34.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.136 min
Delta R.T.: -0.002 min
Response: 3323638
Conc: 33.53 ug/ml



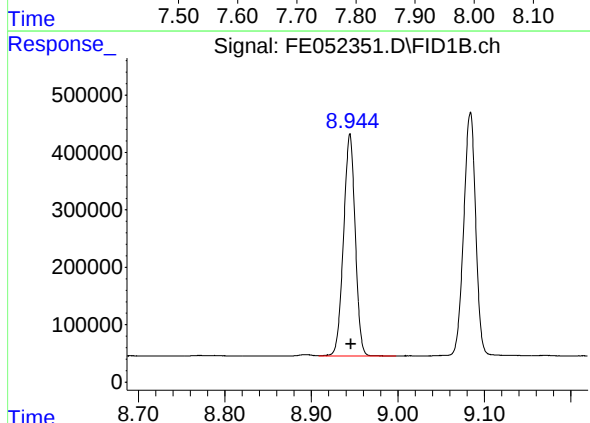
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.789 min
Delta R.T.: -0.003 min
Response: 3594401
Conc: 34.32 ug/ml

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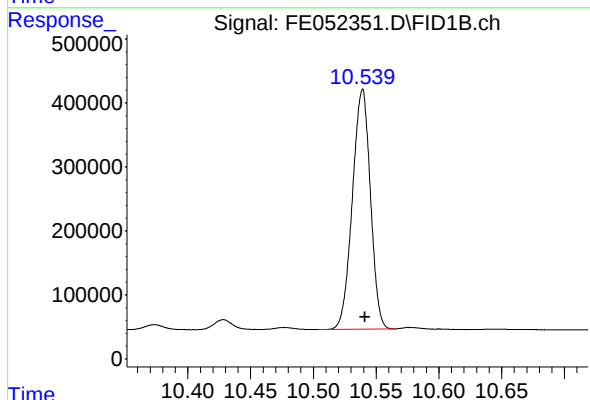
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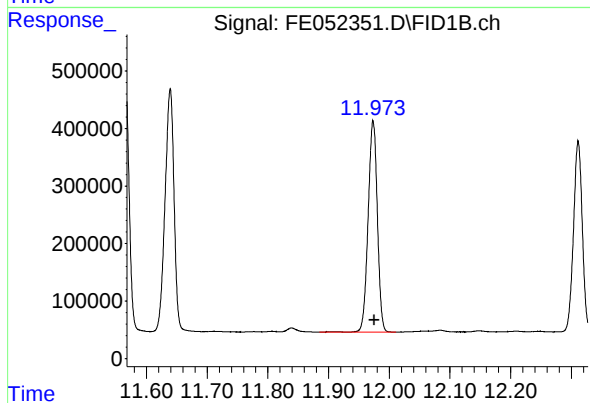
#6 n-Tetradecane (C14)

R.T.: 8.944 min
Delta R.T.: -0.001 min
Response: 3631113
Conc: 35.98 ug/ml



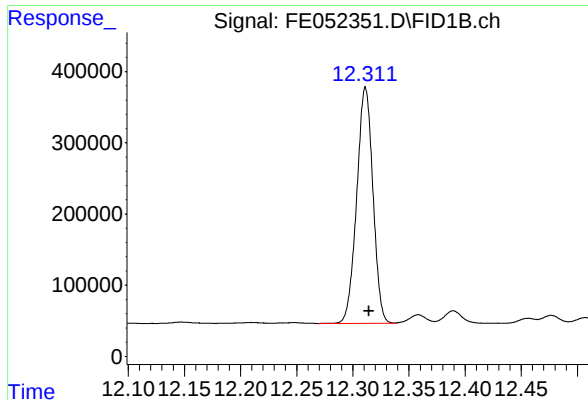
#7 n-Hexadecane (C16)

R.T.: 10.539 min
Delta R.T.: -0.002 min
Response: 3743623
Conc: 34.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.973 min
Delta R.T.: -0.002 min
Response: 3881929
Conc: 34.17 ug/ml



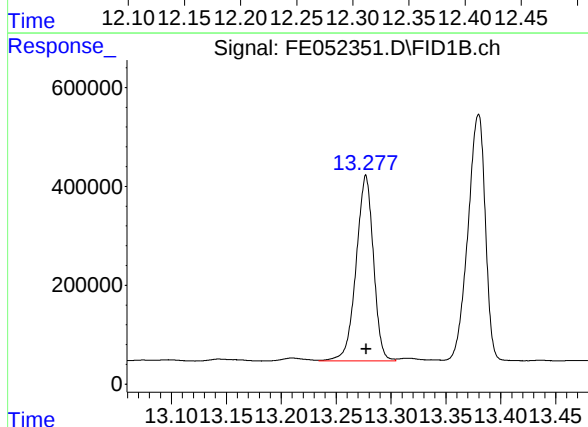
#9 ortho-Terphenyl (SURR)

R.T.: 12.311 min
Delta R.T.: -0.003 min
Response: 3332740
Conc: 26.93 ug/ml

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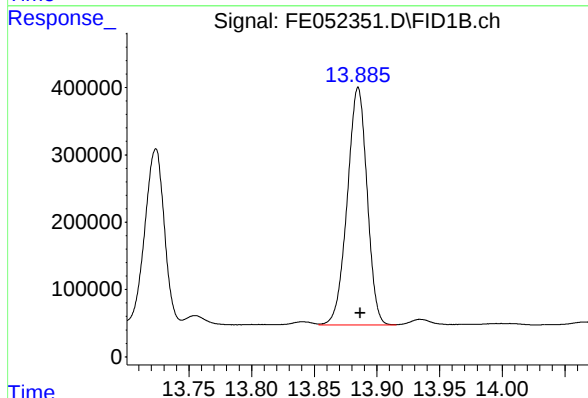
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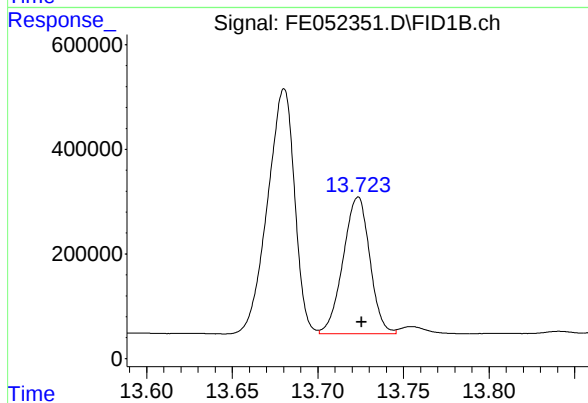
#10 n-Eicosane (C20)

R.T.: 13.277 min
Delta R.T.: 0.000 min
Response: 4114771
Conc: 36.46 ug/ml



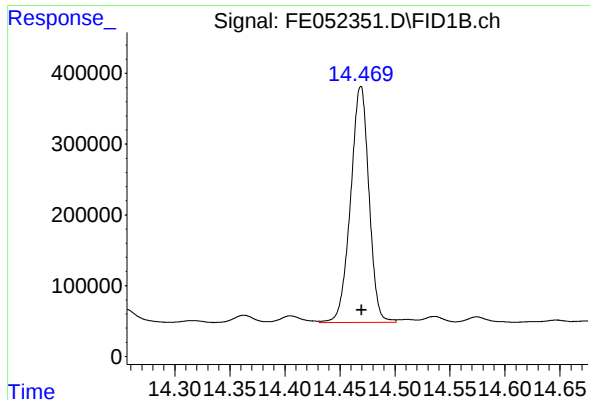
#11 n-Heneicosane (C21)

R.T.: 13.885 min
Delta R.T.: -0.002 min
Response: 3884122
Conc: 34.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.723 min
Delta R.T.: -0.002 min
Response: 2844858
Conc: 28.83 ug/ml



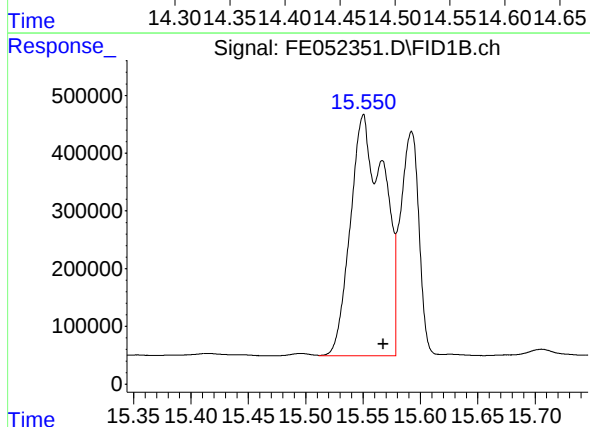
#13 n-Docosane (C22)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 3883124
Conc: 34.31 ug/ml

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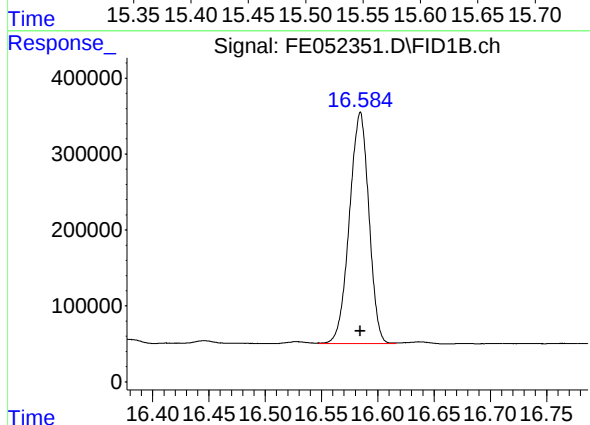
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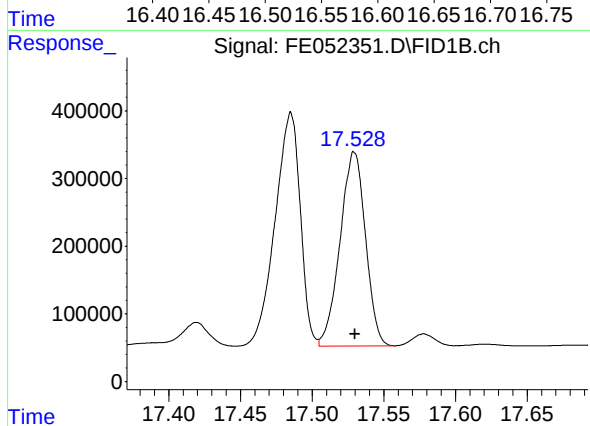
#14 n-Tetracosane (C24)

R.T.: 15.550 min
Delta R.T.: -0.018 min
Response: 8523233
Conc: 74.13 ug/ml



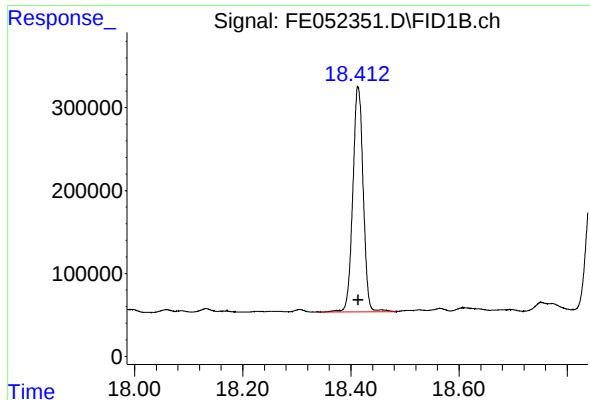
#15 n-Hexacosane (C26)

R.T.: 16.584 min
Delta R.T.: 0.000 min
Response: 3661918
Conc: 31.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.529 min
Delta R.T.: 0.000 min
Response: 3539960
Conc: 31.29 ug/ml



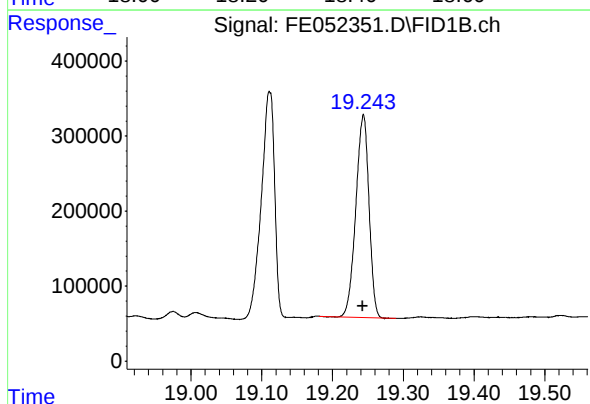
#17 n-Tricontane (C30)

R.T.: 18.413 min
Delta R.T.: 0.000 min
Response: 3620827
Conc: 31.78 ug/ml

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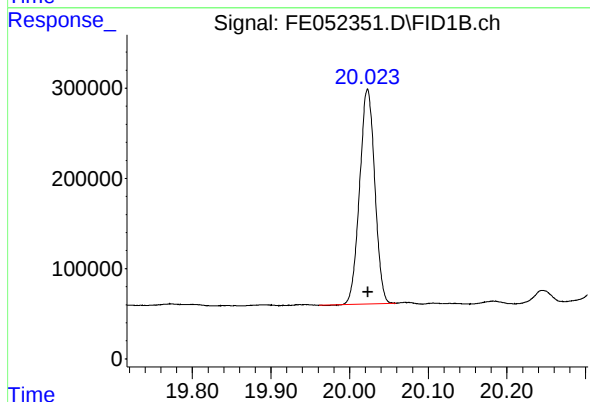
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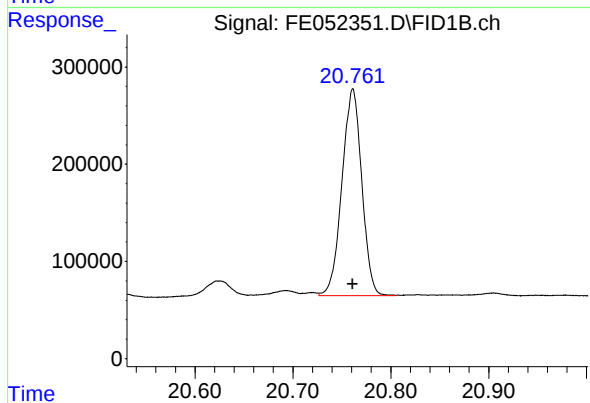
#18 n-Dotriacontane (C32)

R.T.: 19.243 min
Delta R.T.: 0.000 min
Response: 3497476
Conc: 32.08 ug/ml



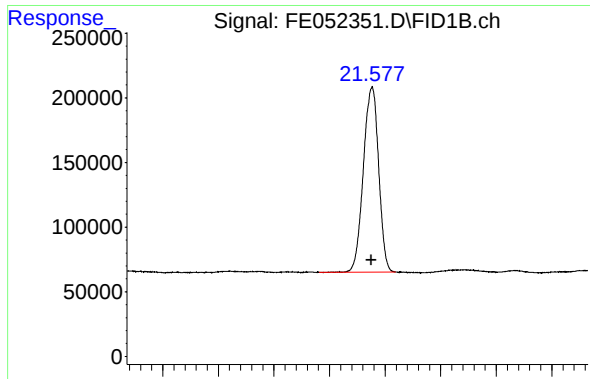
#19 n-Tetratriacontane (C34)

R.T.: 20.023 min
Delta R.T.: 0.000 min
Response: 3180876
Conc: 33.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.761 min
Delta R.T.: 0.000 min
Response: 2993829
Conc: 36.23 ug/ml m



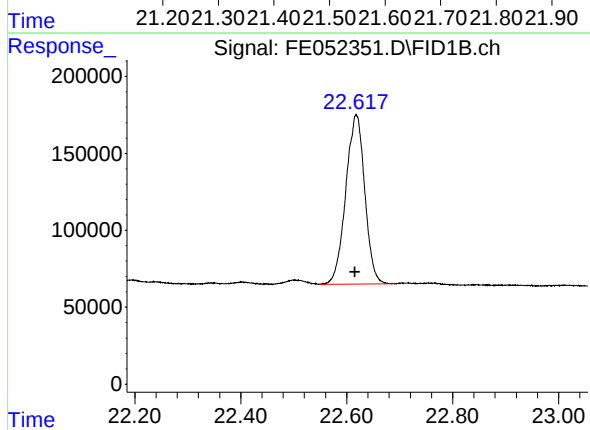
#21 n-Octatriacontane (C38)

R.T.: 21.576 min
Delta R.T.: 0.001 min
Response: 2740878
Conc: 36.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.617 min
Delta R.T.: 0.002 min
Response: 2734002
Conc: 36.67 ug/ml m