

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111224AL\
 Data File : FE051186.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2024 02:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 13 02:52:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.849	2955476	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	13.282	2242902	19.756 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.238	2959552	21.389 ug/ml
2) T n-Decane (C10)	4.488	3020975	21.551 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2775627	21.051 ug/ml
4) T n-Dodecane (C12)	6.656	2972715	21.054 ug/ml
5) T A~2-methylnaphthalene...	7.298	2609590	20.861 ug/ml
6) T n-Tetradecane (C14)	8.482	2858154	20.509 ug/ml
7) T n-Hexadecane (C16)	10.087	2862252	20.170 ug/ml
8) T n-Octadecane (C18)	11.529	2834969	19.852 ug/ml
10) T n-Eicosane (C20)	12.836	2700152	19.730 ug/ml
11) T n-Heneicosane (C21)	13.447	2640252	19.756 ug/ml
13) T n-Docosane (C22)	14.032	2659091	20.001 ug/ml
14) T n-Tetracosane (C24)	15.133	2697113	20.331 ug/ml
15) T n-Hexacosane (C26)	16.153	2730395	20.396 ug/ml
16) T n-Octacosane (C28)	17.101	2807702	20.595 ug/ml
17) T n-Tricontane (C30)	17.988	2978729	20.502 ug/ml
18) T n-Dotriacontane (C32)	18.818	3040170	20.475 ug/ml
19) T n-Tetratriacontane (C34)	19.602	2673964	19.901 ug/ml
20) T n-Hexatriacontane (C36)	20.342	2281353	19.120 ug/ml
21) T n-Octatriacontane (C38)	21.064	2065939	18.152 ug/ml
22) T n-Tetracontane (C40)	21.946	1684296	15.144 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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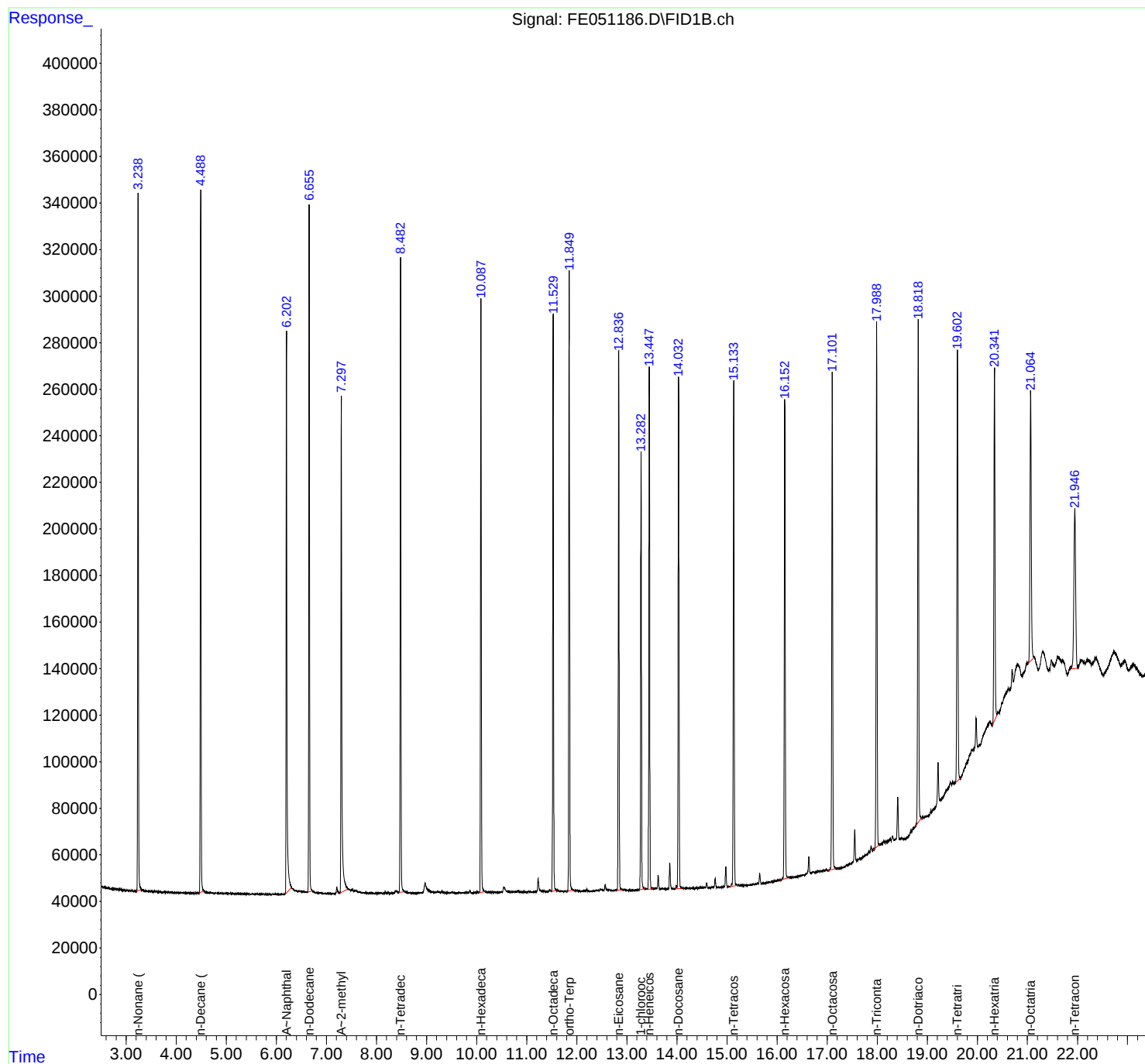
Instrument :
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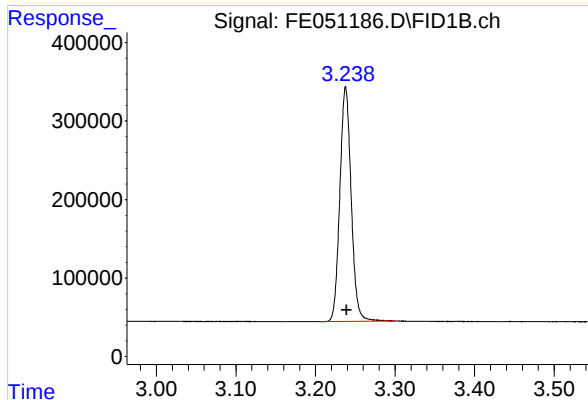
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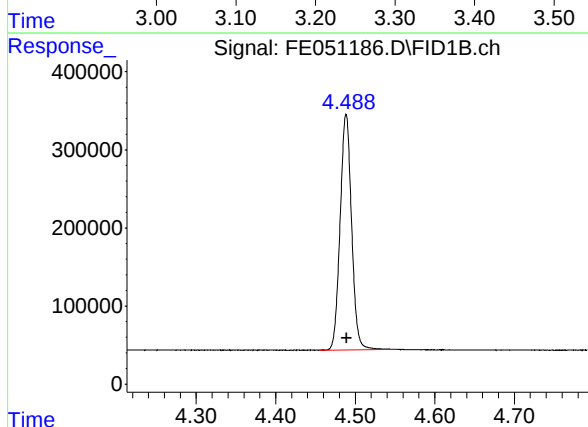
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: -0.001 min
Response: 2959552
Conc: 21.39 ug/ml

Instrument : FID_E
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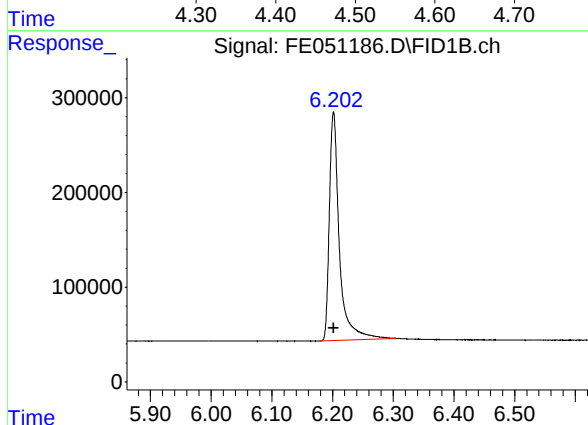
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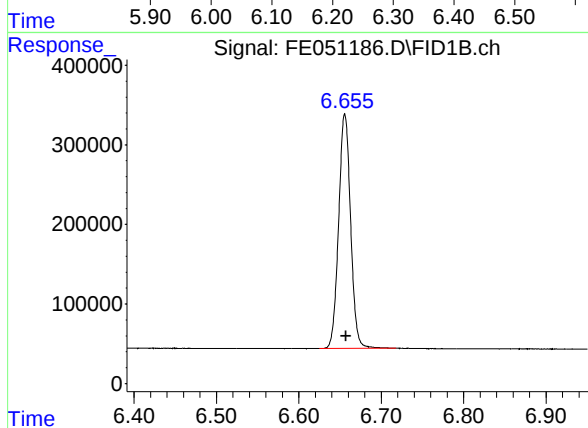
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 3020975
Conc: 21.55 ug/ml



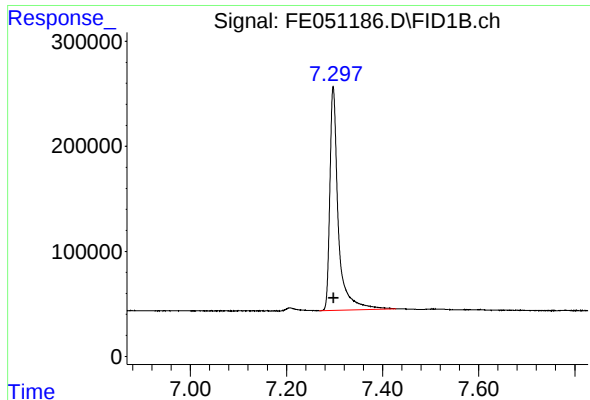
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2775627
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 2972715
Conc: 21.05 ug/ml



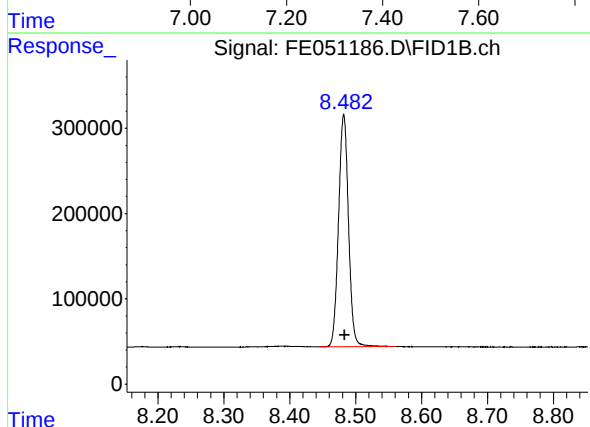
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2609590
Conc: 20.86 ug/ml

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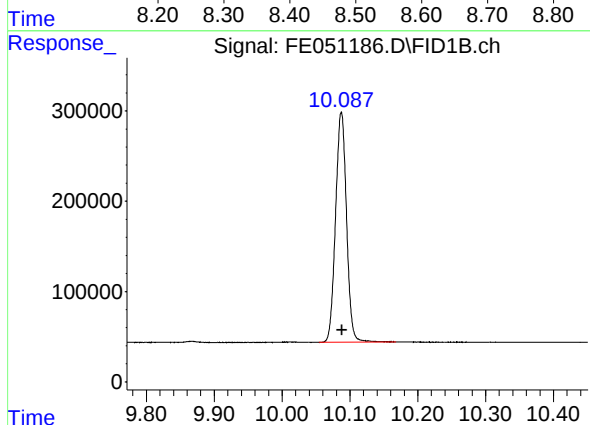
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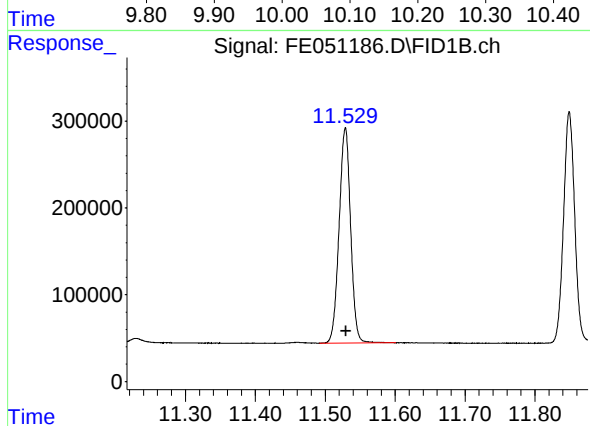
#6 n-Tetradecane (C14)

R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 2858154
Conc: 20.51 ug/ml



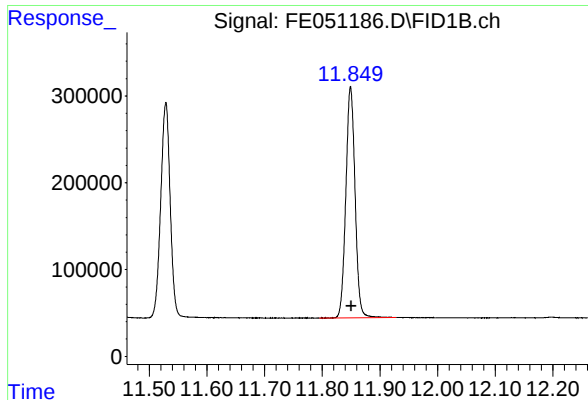
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.001 min
Response: 2862252
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.001 min
Response: 2834969
Conc: 19.85 ug/ml



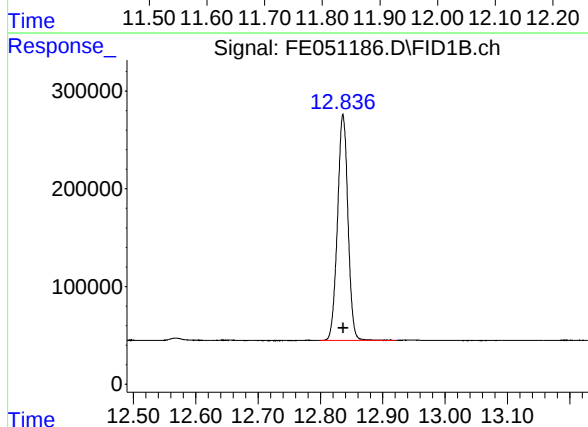
#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: -0.001 min
Response: 2955476
Conc: 19.69 ug/ml

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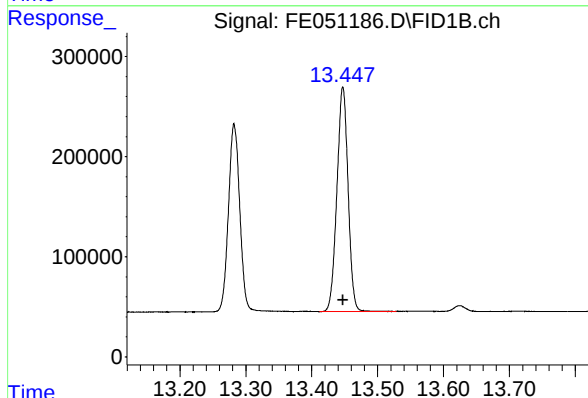
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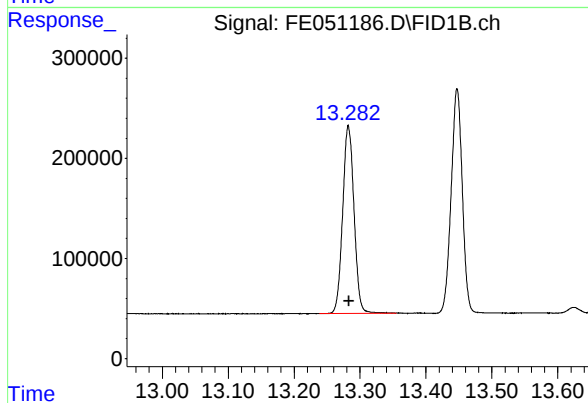
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: 0.000 min
Response: 2700152
Conc: 19.73 ug/ml



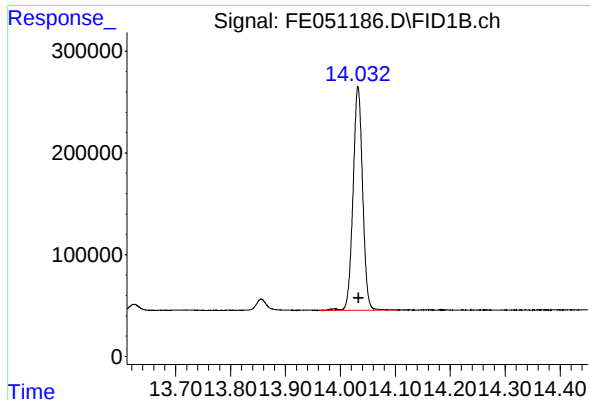
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 2640252
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2242902
Conc: 19.76 ug/ml



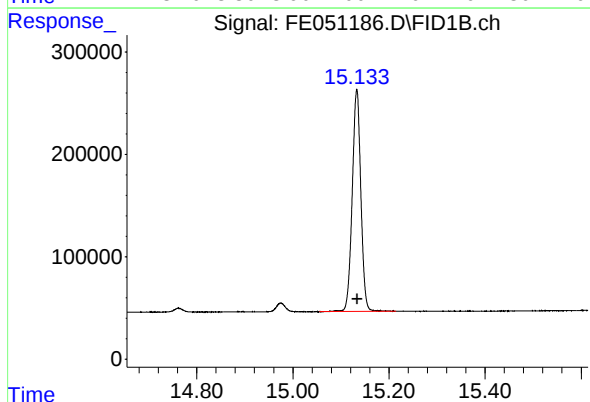
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.001 min
Response: 2659091
Conc: 20.00 ug/ml

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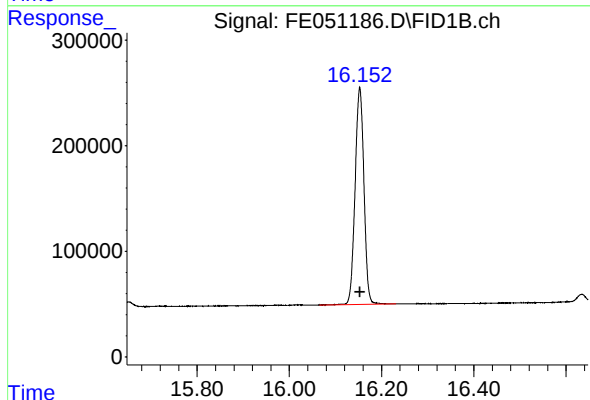
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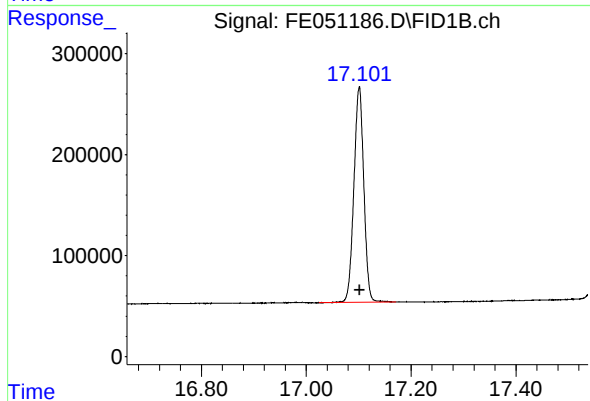
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.001 min
Response: 2697113
Conc: 20.33 ug/ml



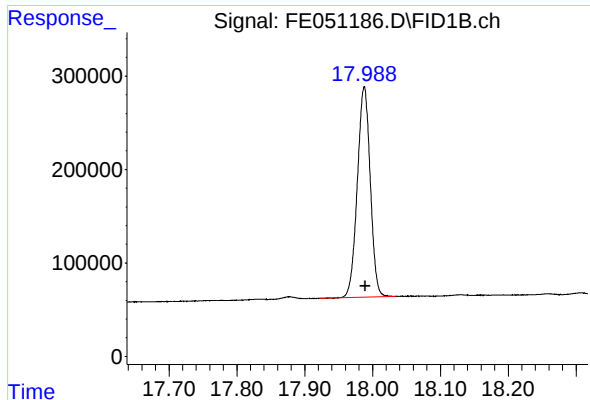
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: 0.000 min
Response: 2730395
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.001 min
Response: 2807702
Conc: 20.60 ug/ml



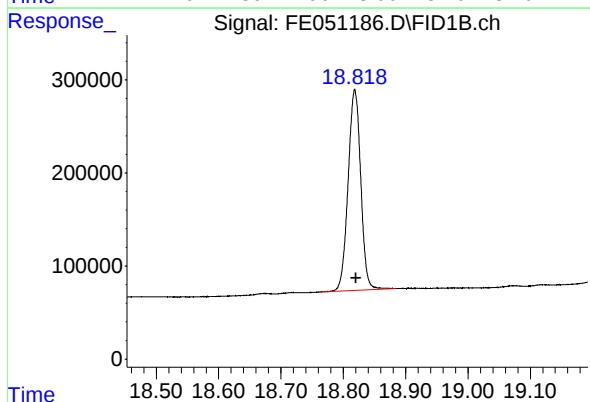
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.001 min
Response: 2978729
Conc: 20.50 ug/ml

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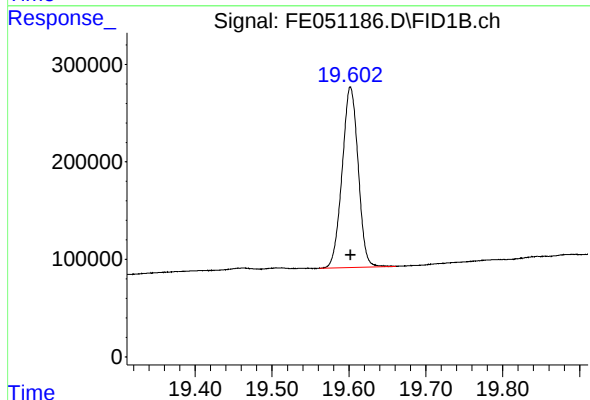
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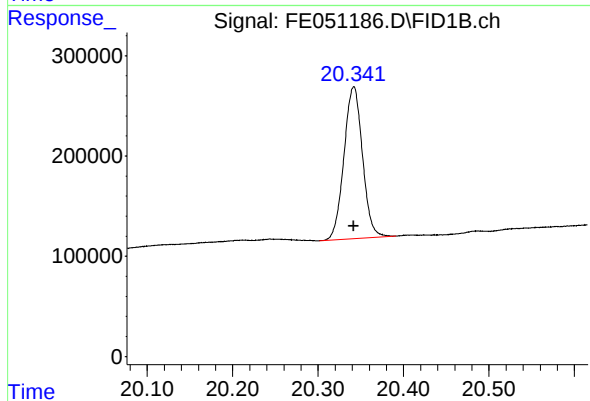
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: -0.002 min
Response: 3040170
Conc: 20.48 ug/ml



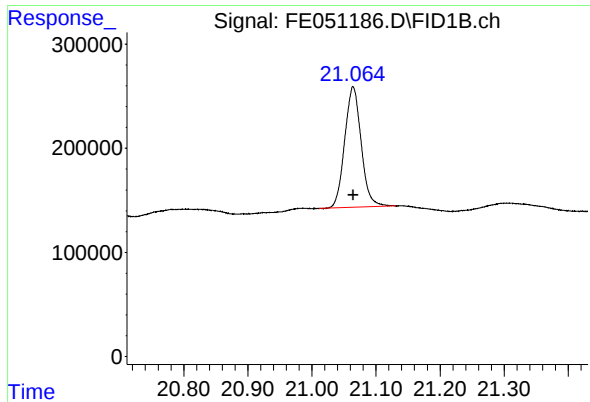
#19 n-Tetratriacontane (C34)

R.T.: 19.602 min
Delta R.T.: 0.000 min
Response: 2673964
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.342 min
Delta R.T.: 0.000 min
Response: 2281353
Conc: 19.12 ug/ml



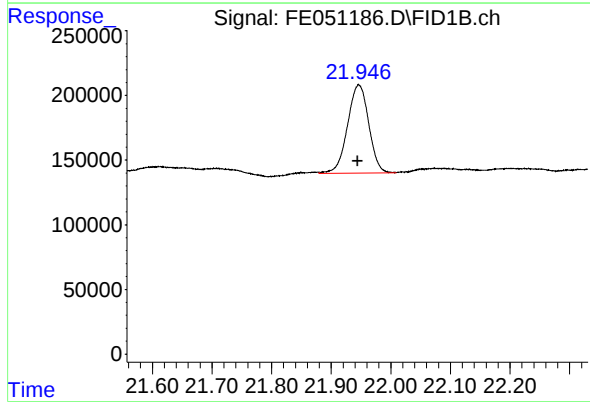
#21 n-Octatriacontane (C38)

R.T.: 21.064 min
Delta R.T.: 0.000 min
Response: 2065939
Conc: 18.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: 0.001 min
Response: 1684296
Conc: 15.14 ug/ml m