

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111224AL\
 Data File : FE051177.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2024 17:14
 Operator : YP\AJ
 Sample : P4807-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BF-F13MS

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 02:50:48 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	4070574	27.120 ug/ml
Spiked Amount 50.000		Recovery =	54.24%
12) S 1-chlorooctadecane (S...	13.281	3355923	29.560 ug/ml
Spiked Amount 50.000		Recovery =	59.12%
Target Compounds			
1) T n-Nonane (C9)	3.240	4634279	33.492 ug/ml
2) T n-Decane (C10)	4.490	5153160	36.761 ug/ml
3) T A~Naphthalene (C11.7)	6.200	5239923	39.742 ug/ml
4) T n-Dodecane (C12)	6.656	5536889	39.214 ug/ml
5) T A~2-methylnaphthalene...	7.296	4905355	39.213 ug/ml
6) T n-Tetradecane (C14)	8.484	5768758	41.394 ug/ml
7) T n-Hexadecane (C16)	10.088	6044474	42.594 ug/ml
8) T n-Octadecane (C18)	11.529	6195341	43.383 ug/ml
10) T n-Eicosane (C20)	12.837	6210322	45.379 ug/ml
11) T n-Heneicosane (C21)	13.448	5961692	44.609 ug/ml
13) T n-Docosane (C22)	14.033	5939590	44.675 ug/ml
14) T n-Tetracosane (C24)	15.135	11653478	87.846 ug/ml
15) T n-Hexacosane (C26)	16.155	5947602	44.428 ug/ml
16) T n-Octacosane (C28)	17.102	6865113	50.357 ug/ml
17) T n-Tricontane (C30)	17.990	6272247	43.171 ug/ml
18) T n-Dotriacontane (C32)	18.820	6224156	41.919 ug/ml
19) T n-Tetratriacontane (C34)	19.604	6427211	47.834 ug/ml
20) T n-Hexatriacontane (C36)	20.343	6227126	52.189 ug/ml
21) T n-Octatriacontane (C38)	21.065	6052565	53.178 ug/ml
22) T n-Tetracontane (C40)	21.945	5350401	48.106 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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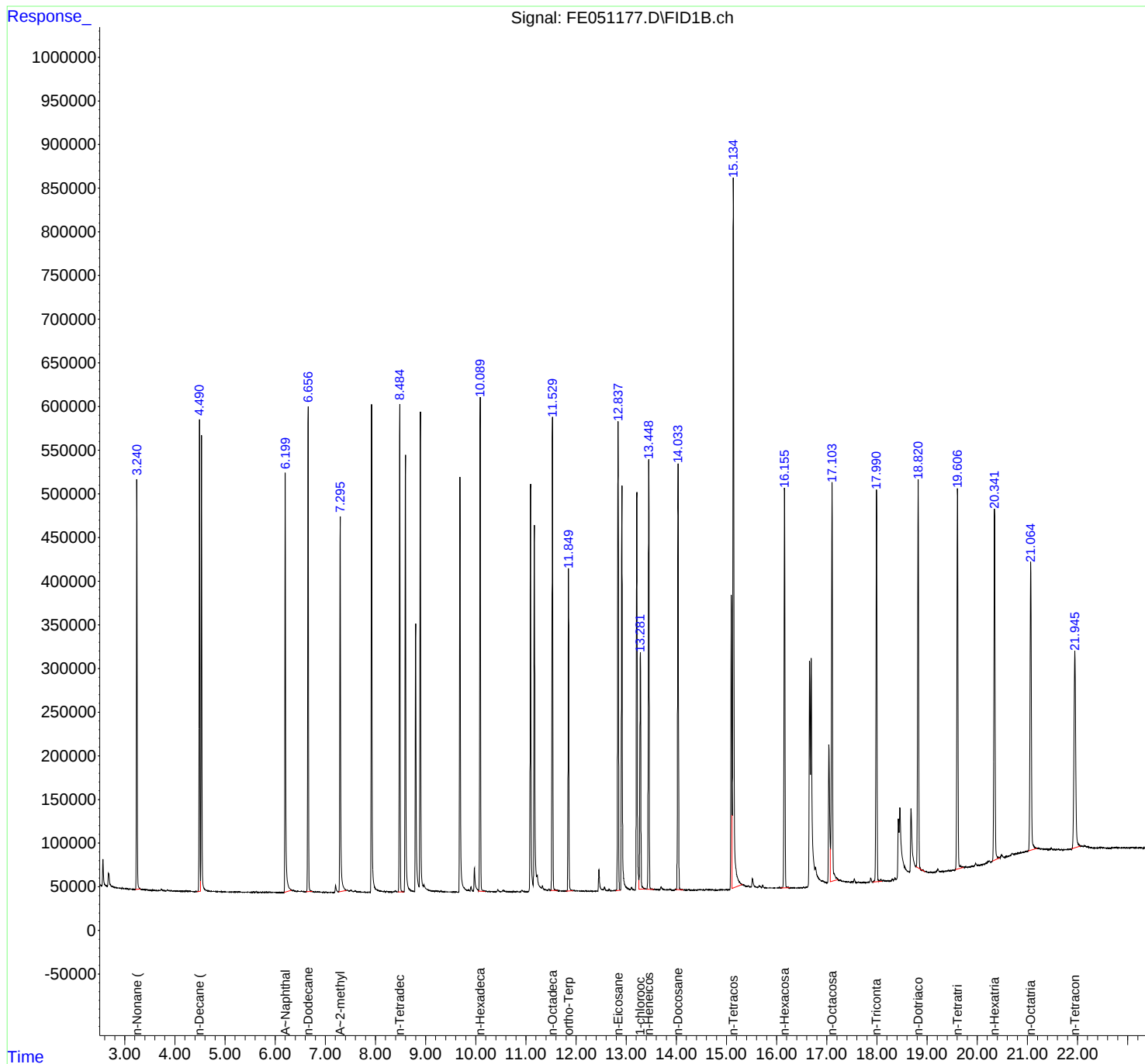
Response via : Initial Calibration

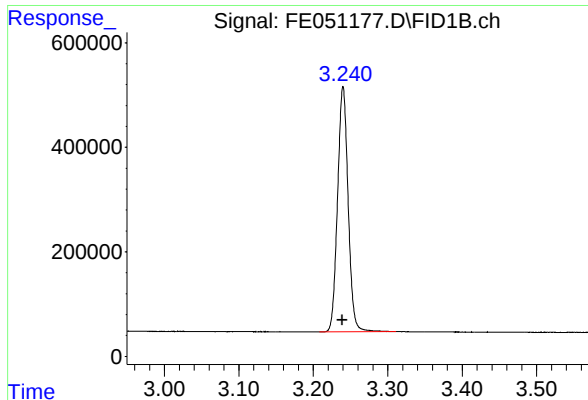
Integrator: ChemStation

Volume Inj. : 1 ul

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Signal Info : 20M x 0.18mm x 0.18um





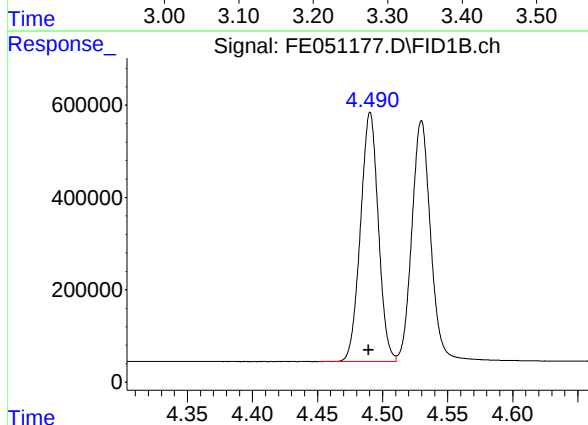
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 4634279
Conc: 33.49 ug/ml

Instrument :
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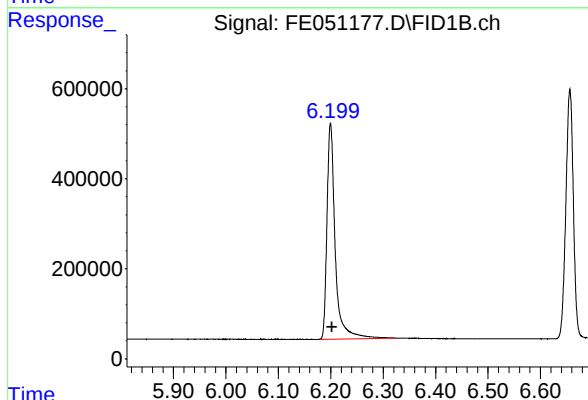
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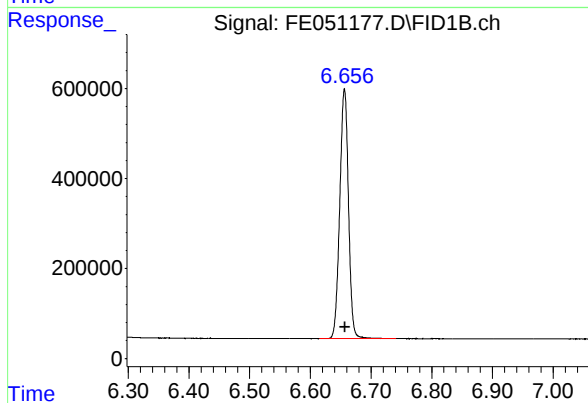
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.001 min
Response: 5153160
Conc: 36.76 ug/ml



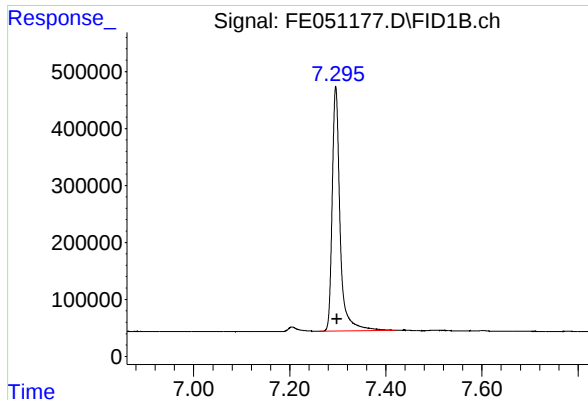
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 5239923
Conc: 39.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 5536889
Conc: 39.21 ug/ml



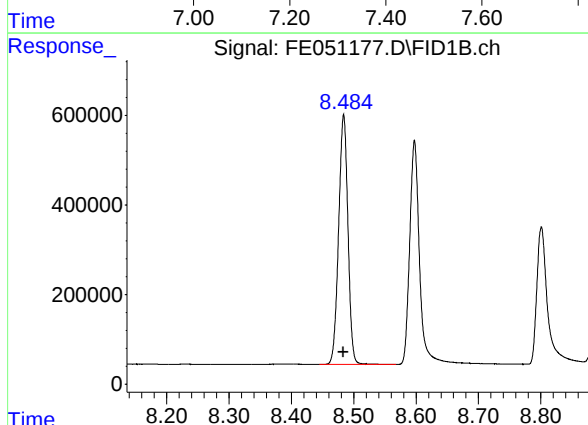
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 4905355
Conc: 39.21 ug/ml

Instrument :
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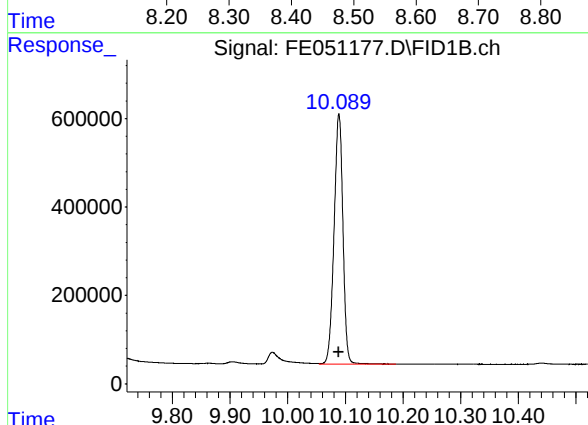
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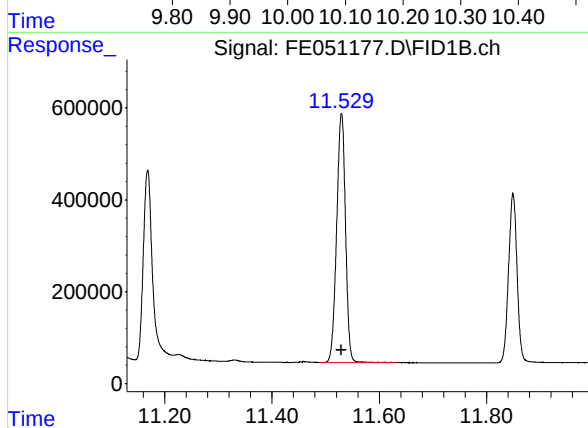
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 5768758
Conc: 41.39 ug/ml



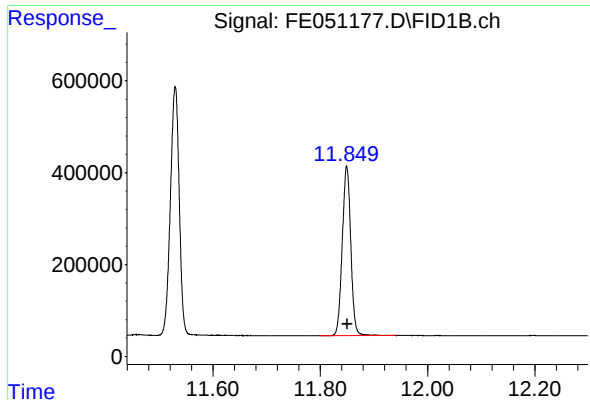
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 6044474
Conc: 42.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 6195341
Conc: 43.38 ug/ml



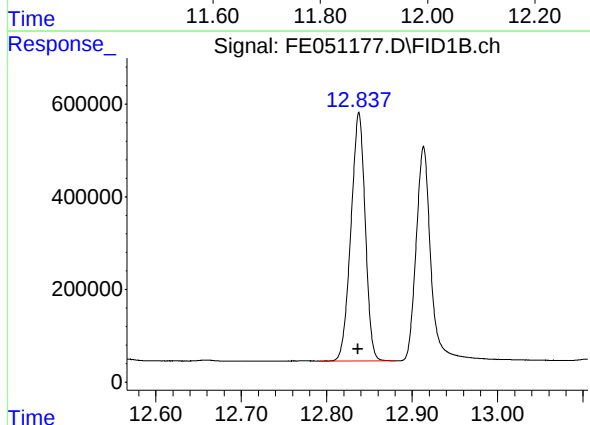
#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: -0.001 min
Response: 4070574
Conc: 27.12 ug/ml

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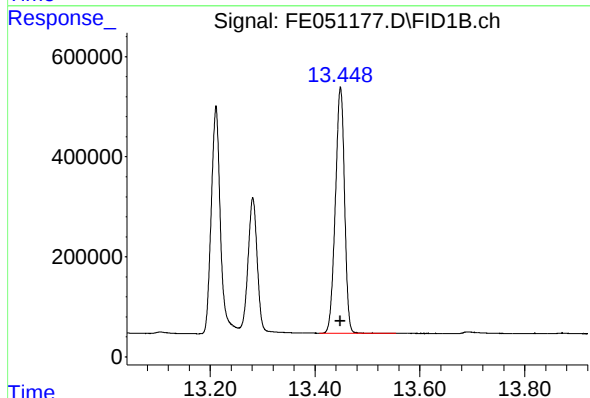
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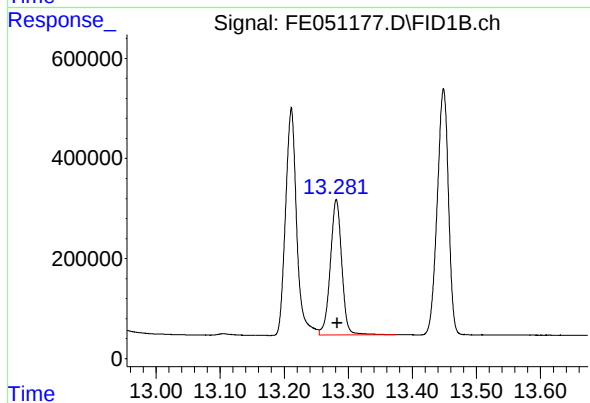
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: 0.000 min
Response: 6210322
Conc: 45.38 ug/ml



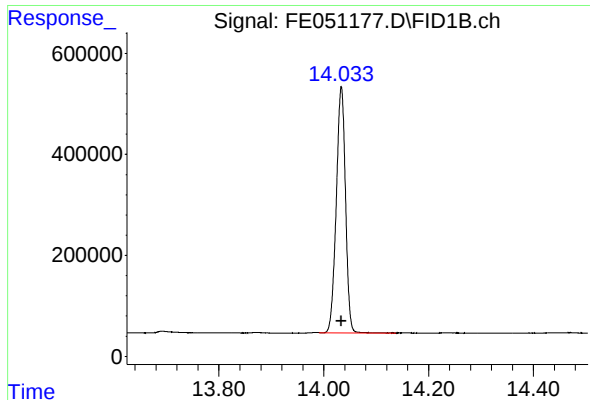
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: 0.000 min
Response: 5961692
Conc: 44.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.002 min
Response: 3355923
Conc: 29.56 ug/ml



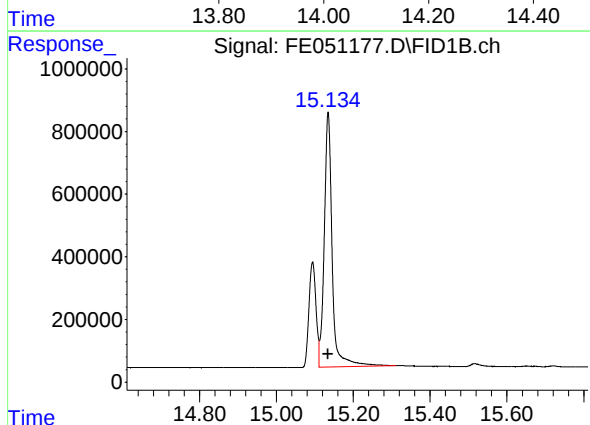
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: 0.000 min
Response: 5939590
Conc: 44.68 ug/ml

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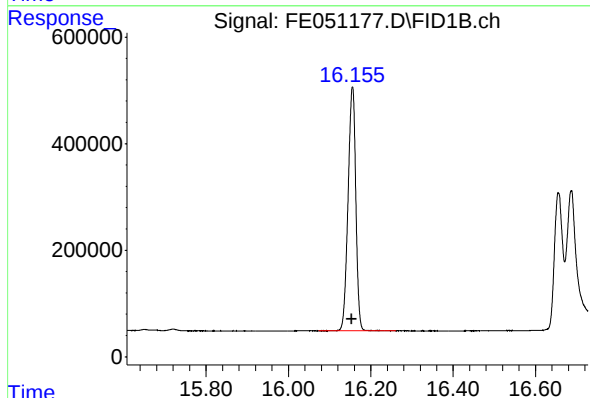
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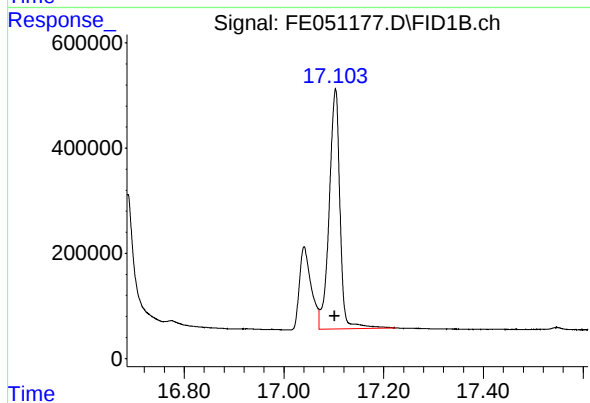
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: 0.000 min
Response: 11653478
Conc: 87.85 ug/ml



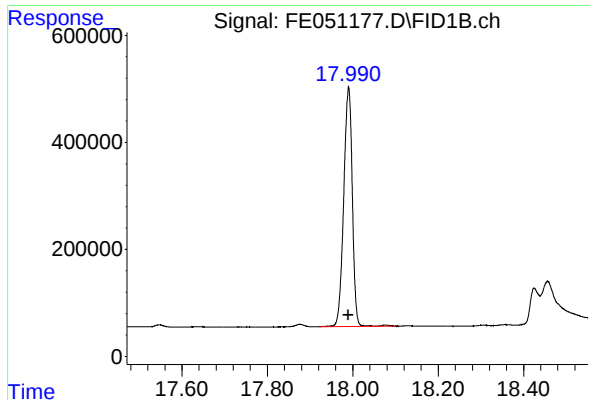
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: 0.001 min
Response: 5947602
Conc: 44.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: 0.000 min
Response: 6865113
Conc: 50.36 ug/ml



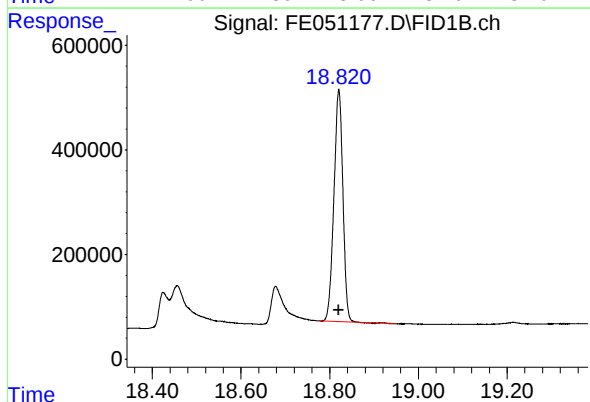
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 6272247
Conc: 43.17 ug/ml

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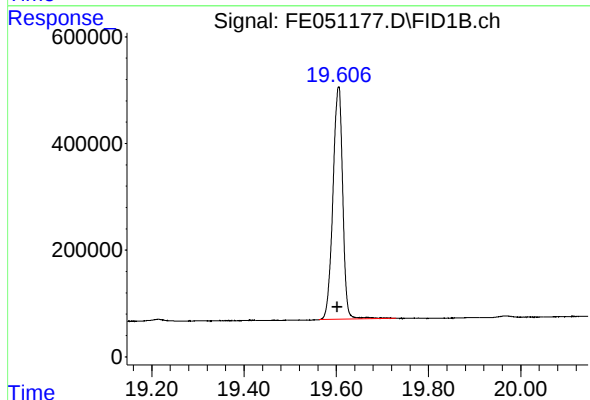
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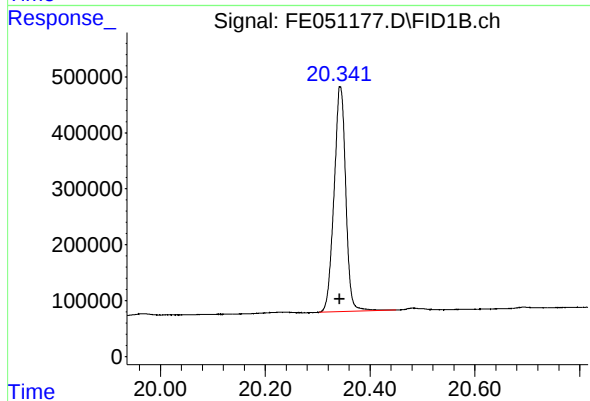
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: 0.000 min
Response: 6224156
Conc: 41.92 ug/ml



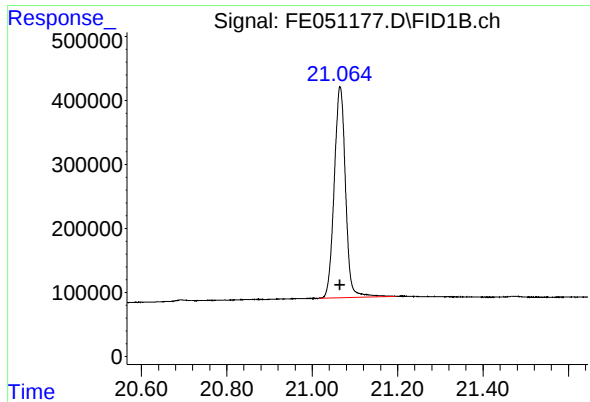
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: 0.002 min
Response: 6427211
Conc: 47.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.343 min
Delta R.T.: 0.001 min
Response: 6227126
Conc: 52.19 ug/ml



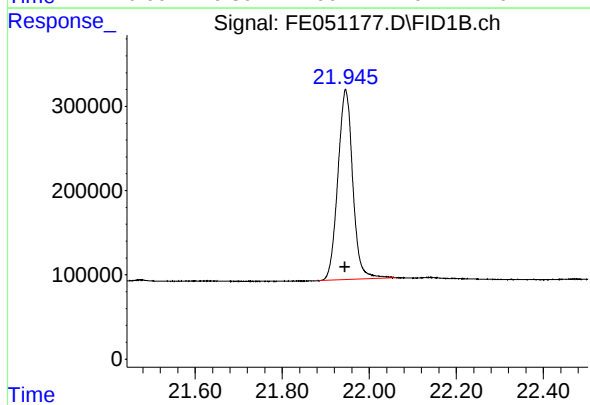
#21 n-Octatriacontane (C38)

R.T.: 21.065 min
Delta R.T.: 0.000 min
Response: 6052565
Conc: 53.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: 0.000 min
Response: 5350401
Conc: 48.11 ug/ml m