

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
 Data File : FE051438.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2024 17:16
 Operator : YP\AJ
 Sample : PB165243BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165243BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/26/2024

Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e

Quant Time: Nov 26 04:37:21 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)	11.839	6137721	40.892 ug/ml
Spiked Amount 50.000		Recovery =	81.78%
12) S 1-chlorooctadecane (S...	13.271	5367946	47.282 ug/ml
Spiked Amount 50.000		Recovery =	94.56%
Target Compounds			
1) T n-Nonane (C9)	3.235	5115712	36.972 ug/ml
2) T n-Decane (C10)	4.481	5392763	38.471 ug/ml
3) T A~Naphthalene (C11.7)	6.190	5573514	42.272 ug/ml
4) T n-Dodecane (C12)	6.644	5685770	40.268 ug/ml
5) T A~2-methylnaphthalene...	7.285	5110038	40.850 ug/ml
6) T n-Tetradecane (C14)	8.472	5770783	41.408 ug/ml
7) T n-Hexadecane (C16)	10.075	5685831	40.067 ug/ml
8) T n-Octadecane (C18)	11.517	5746477	40.240 ug/ml
10) T n-Eicosane (C20)	12.825	5805784	42.423 ug/ml
11) T n-Heneicosane (C21)	13.435	5561078	41.611 ug/ml
13) T n-Docosane (C22)	14.021	5534766	41.630 ug/ml
14) T n-Tetracosane (C24)	15.124	10470397	78.928 ug/ml
15) T n-Hexacosane (C26)	16.143	5416586	40.462 ug/ml
16) T n-Octacosane (C28)	17.090	6121049	44.899 ug/ml
17) T n-Tricontane (C30)	17.978	5984628	41.192 ug/mlm
18) T n-Dotriacontane (C32)	18.809	6502113	43.791 ug/ml
19) T n-Tetratriacontane (C34)	19.592	5893911	43.865 ug/ml
20) T n-Hexatriacontane (C36)	20.332	5536038	46.397 ug/ml
21) T n-Octatriacontane (C38)	21.052	5506875	48.384 ug/ml
22) T n-Tetracontane (C40)	21.928	6466358	58.140 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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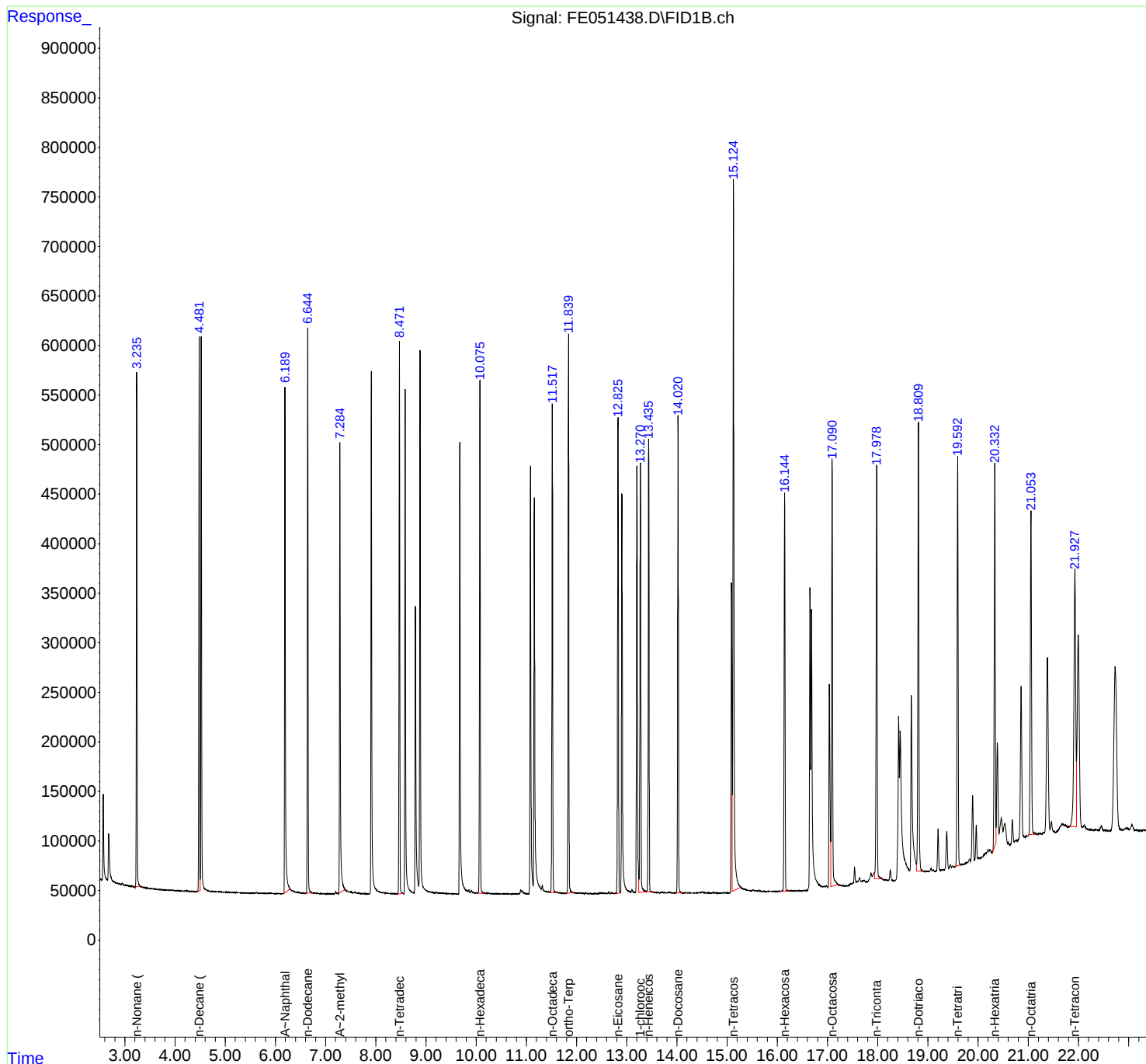
Response via : Initial Calibration

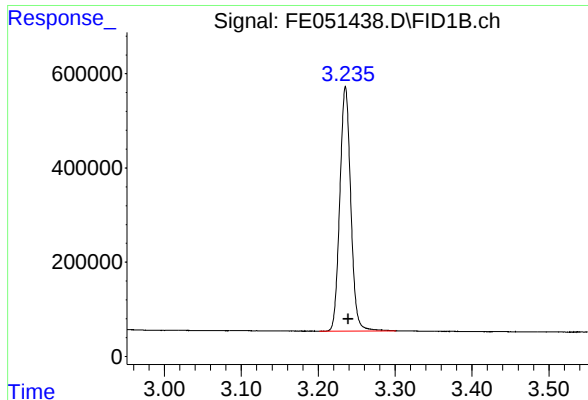
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.235 min
Delta R.T.: -0.004 min
Response: 5115712
Conc: 36.97 ug/ml

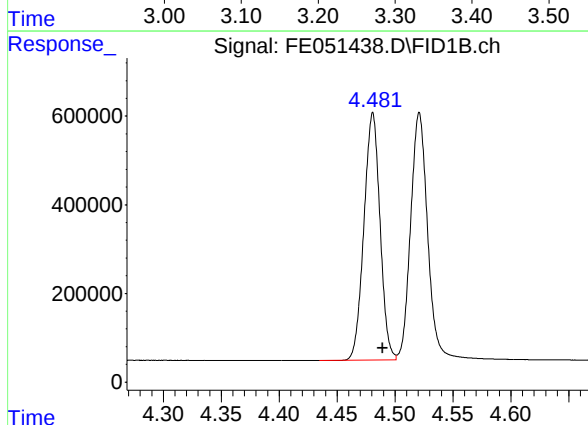
Instrument :

FID_E

ClientSampleId :
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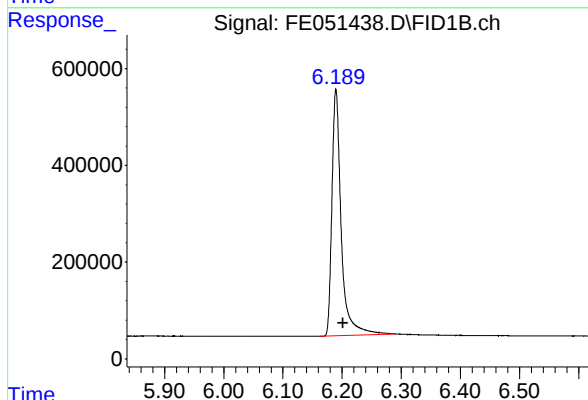
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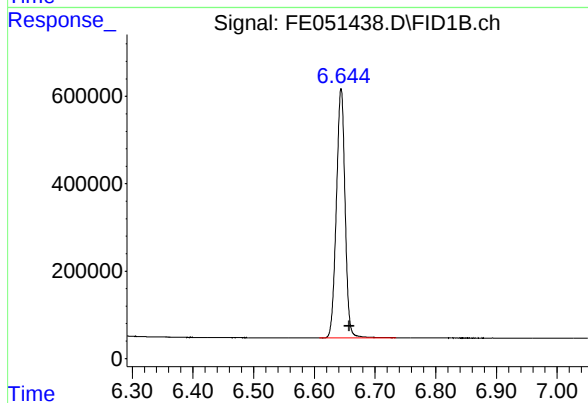
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 5392763
Conc: 38.47 ug/ml



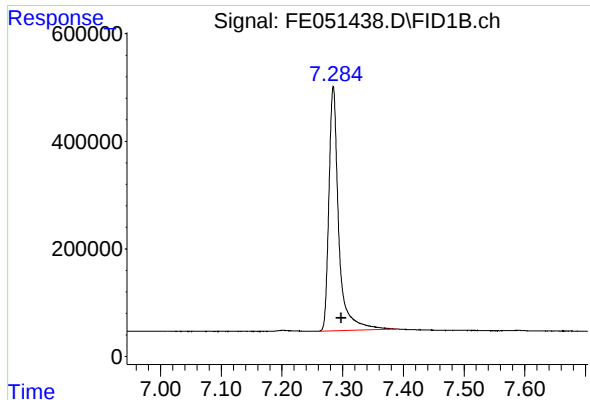
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: 5573514
Conc: 42.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 5685770
Conc: 40.27 ug/ml



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

R.T.: 7.285 min
Delta R.T.: -0.013 min
Response: 5110038
Conc: 40.85 ug/ml

Instrument :

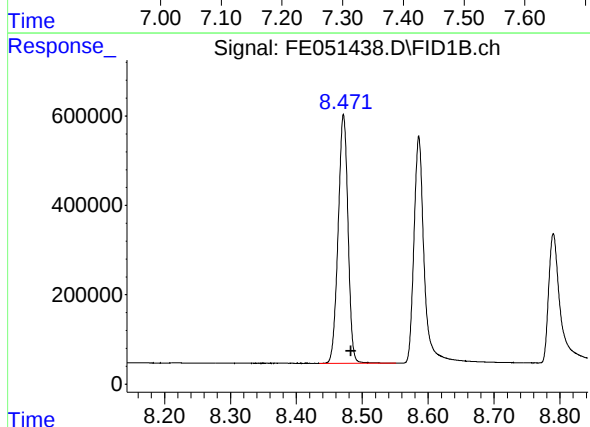
FID_E

ClientSampleId :

PB165243BS

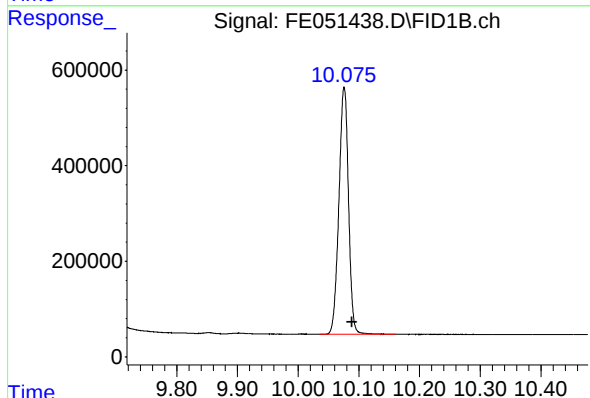
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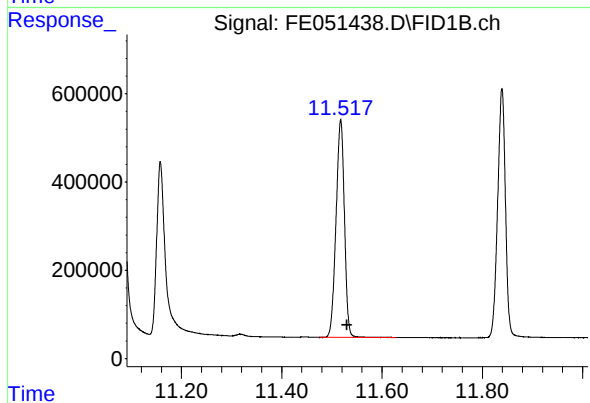
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.012 min
Response: 5770783
Conc: 41.41 ug/ml



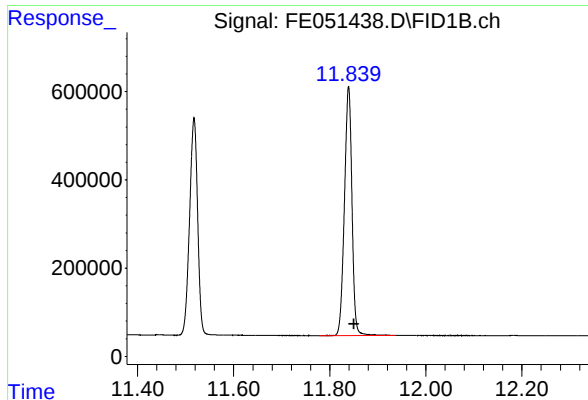
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.013 min
Response: 5685831
Conc: 40.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.013 min
Response: 5746477
Conc: 40.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.012 min
Response: 6137721
Conc: 40.89 ug/ml

Instrument :

FID_E

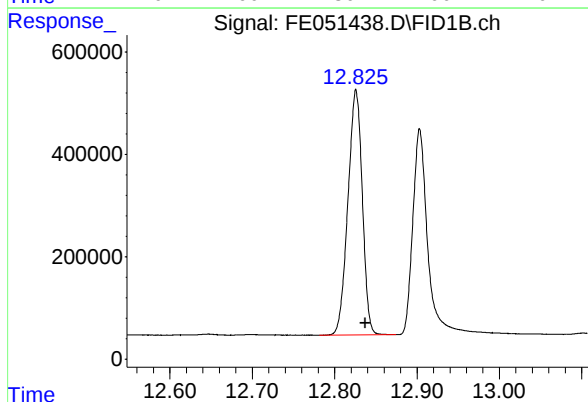
ClientSampleId :

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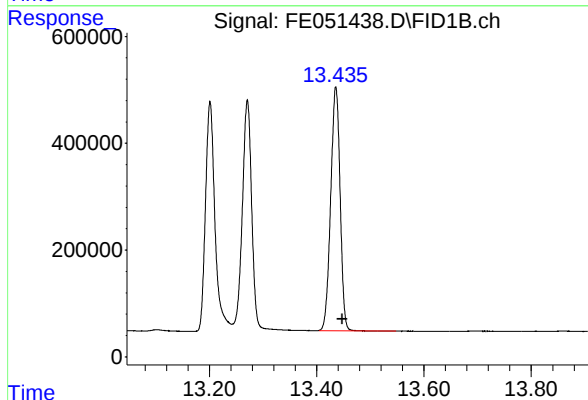
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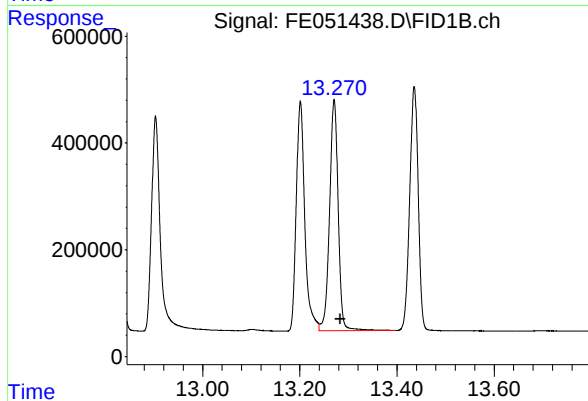
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.012 min
Response: 5805784
Conc: 42.42 ug/ml



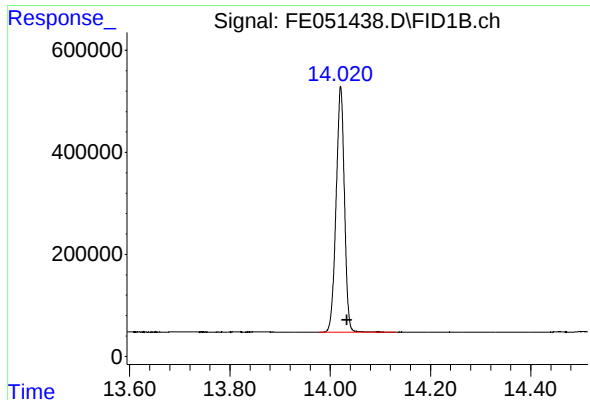
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: -0.012 min
Response: 5561078
Conc: 41.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.012 min
Response: 5367946
Conc: 47.28 ug/ml



#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: -0.013 min
Response: 5534766
Conc: 41.63 ug/ml

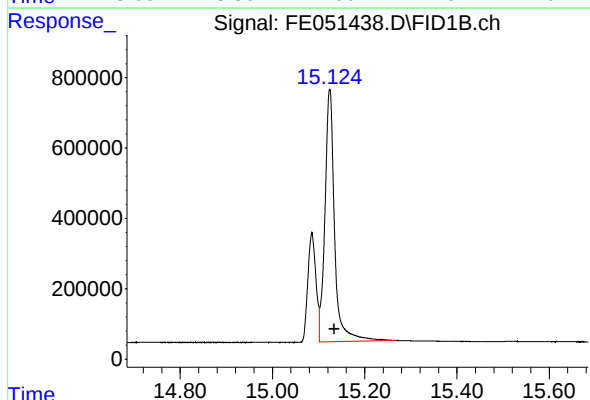
Instrument :

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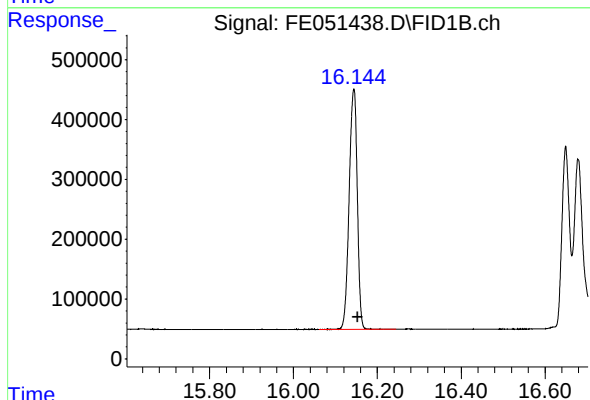
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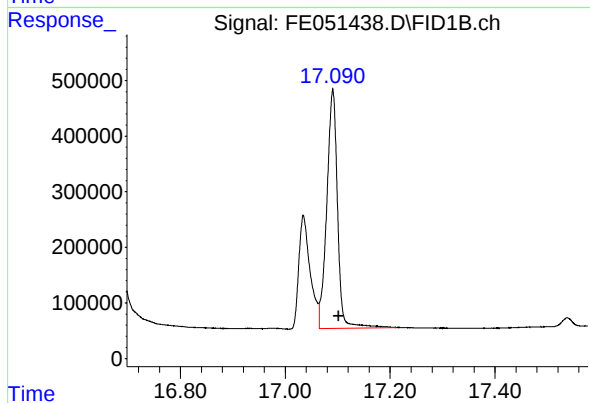
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.010 min
Response: 10470397
Conc: 78.93 ug/ml



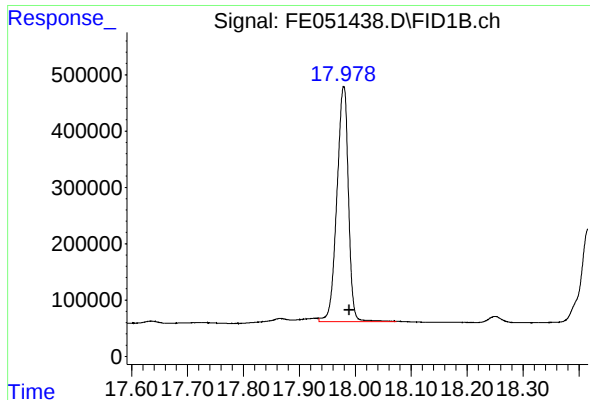
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: -0.010 min
Response: 5416586
Conc: 40.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.090 min
Delta R.T.: -0.012 min
Response: 6121049
Conc: 44.90 ug/ml



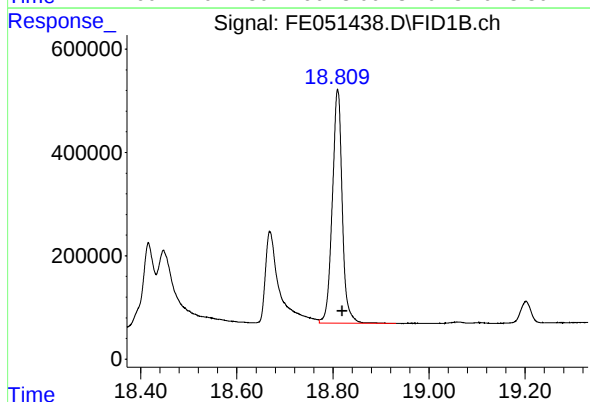
#17 n-Tricontane (C30)

R.T.: 17.978 min
Delta R.T.: -0.011 min
Response: 5984628
Conc: 41.19 ug/ml

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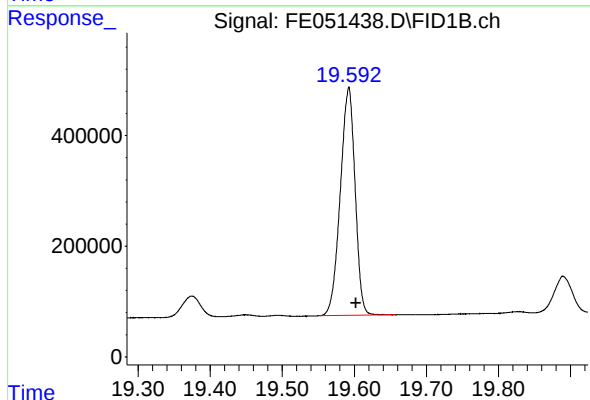
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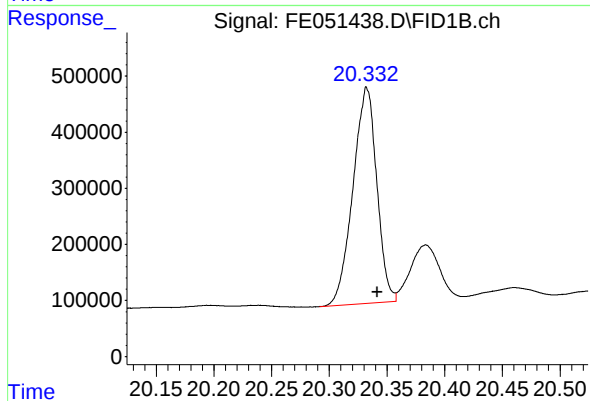
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.011 min
Response: 6502113
Conc: 43.79 ug/ml



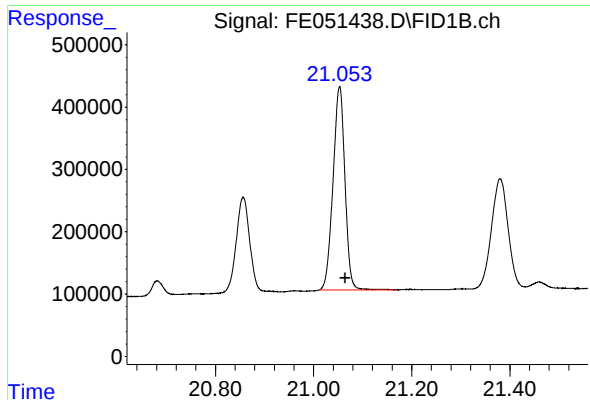
#19 n-Tetratriacontane (C34)

R.T.: 19.592 min
Delta R.T.: -0.011 min
Response: 5893911
Conc: 43.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.332 min
Delta R.T.: -0.010 min
Response: 5536038
Conc: 46.40 ug/ml



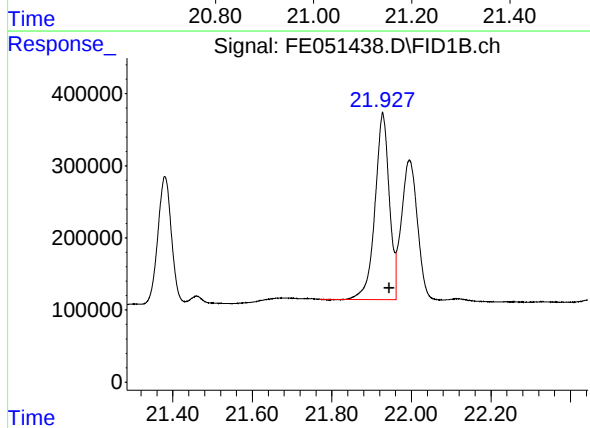
#21 n-Octatriacontane (C38)

R.T.: 21.052 min
Delta R.T.: -0.012 min
Response: 5506875
Conc: 48.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.928 min
Delta R.T.: -0.017 min
Response: 6466358
Conc: 58.14 ug/ml