

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053217.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 17:52
 Operator : YP\AJ
 Sample : Q1732-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TT-8MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/08/2025

Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e

Quant Time: Apr 08 01:23:38 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M

Quant Title : GC Extractables

QLast Update : Mon Mar 31 02:44:53 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)	11.898	3791710	23.279 ug/ml
Spiked Amount 50.000		Recovery =	46.56%
12) S 1-chlorooctadecane (S...	13.344	3101682	25.838 ug/ml
Spiked Amount 50.000		Recovery =	51.68%
Target Compounds			
1) T n-Nonane (C9)	3.240	4952169	31.983 ug/ml
2) T n-Decane (C10)	4.504	5528480	35.245 ug/ml
3) T A~Naphthalene (C11.7)	6.216	6024975	35.865 ug/ml
4) T n-Dodecane (C12)	6.683	5875453	37.567 ug/ml
5) T A~2-methylnaphthalene...	7.319	5675788	35.572 ug/ml
6) T n-Tetradecane (C14)	8.522	6310451	41.214 ug/ml
7) T n-Hexadecane (C16)	10.135	6493659	42.126 ug/ml
8) T n-Octadecane (C18)	11.584	6292874	41.492 ug/ml
10) T n-Eicosane (C20)	12.900	6480575	45.454 ug/ml
11) T n-Heneicosane (C21)	13.514	6112794	44.050 ug/ml
13) T n-Docosane (C22)	14.102	6204131	45.300 ug/ml
14) T n-Tetracosane (C24)	15.202	12761181	94.486 ug/ml
15) T n-Hexacosane (C26)	16.237	6535361	48.988 ug/ml
16) T n-Octacosane (C28)	17.191	7005622	53.086 ug/ml
17) T n-Tricontane (C30)	18.084	6951803	51.290 ug/ml
18) T n-Dotriacontane (C32)	18.919	6929597	51.497 ug/ml
19) T n-Tetratriacontane (C34)	19.707	7571583	58.515 ug/ml
20) T n-Hexatriacontane (C36)	20.450	6723672	56.601 ug/ml
21) T n-Octatriacontane (C38)	21.194	6416583	55.827 ug/ml
22) T n-Tetracontane (C40)	22.120	6859347	61.073 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q1732-01MSD
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ALS Vial : 17 Sample Multiplier: 1

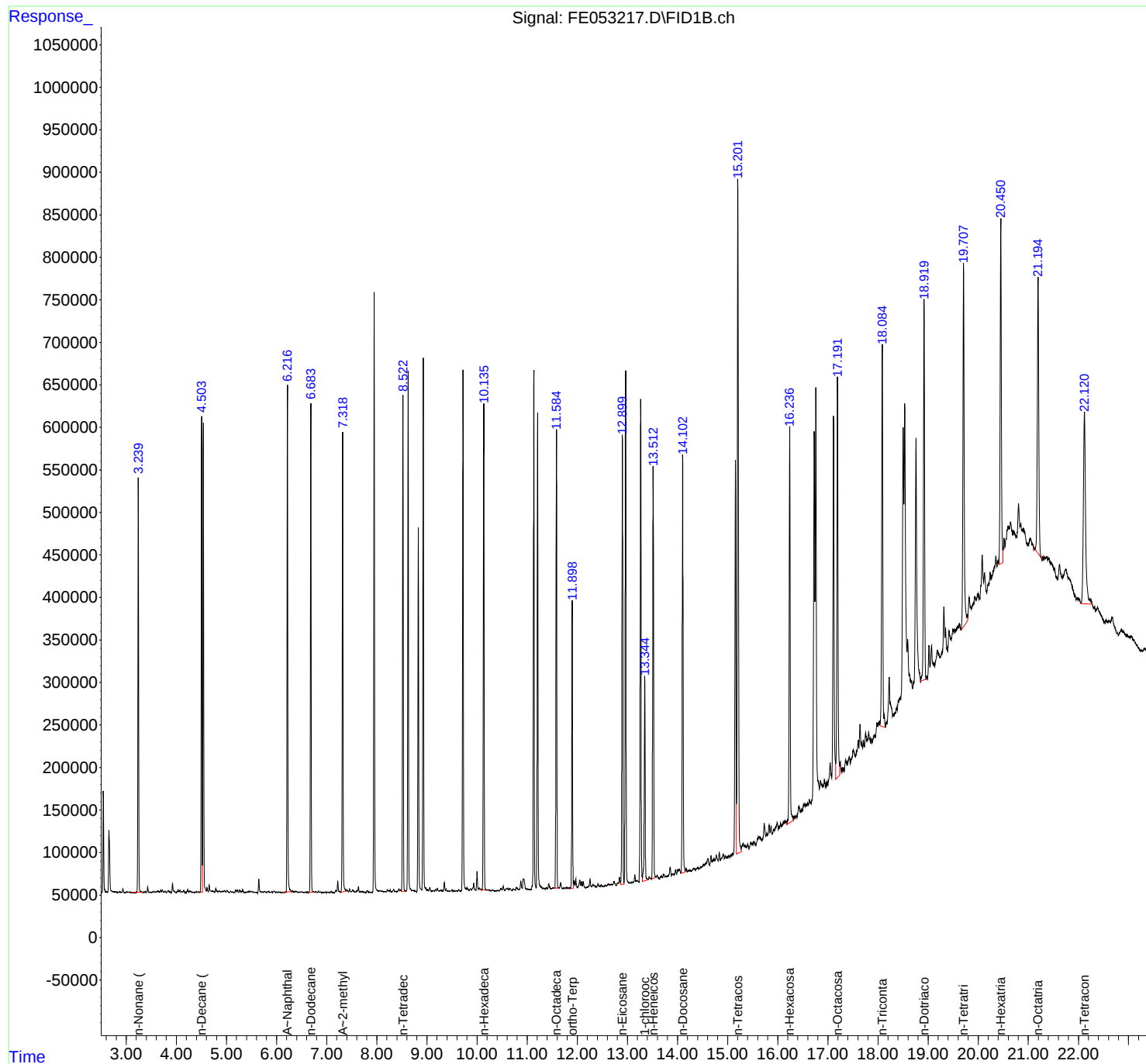
Instrument :
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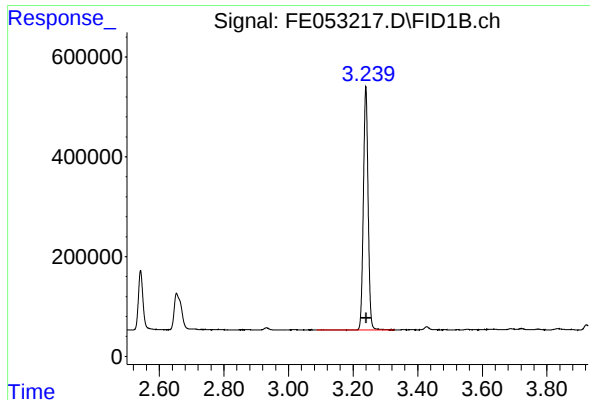
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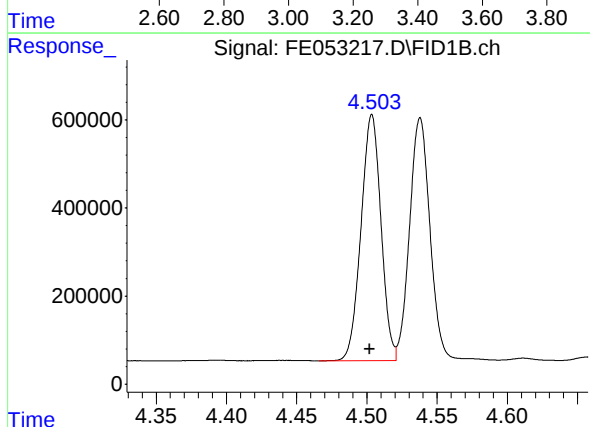
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.001 min
Response: 4952169
Conc: 31.98 ug/ml

Instrument :
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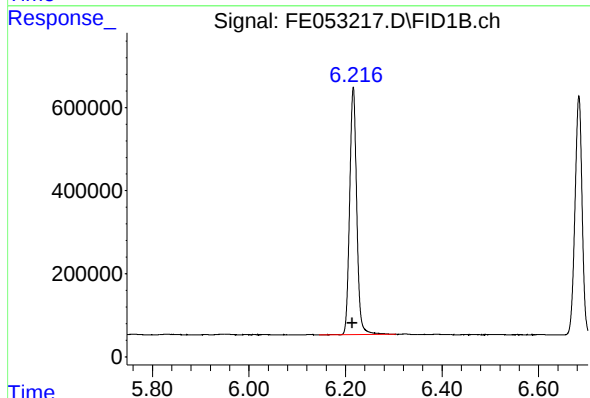
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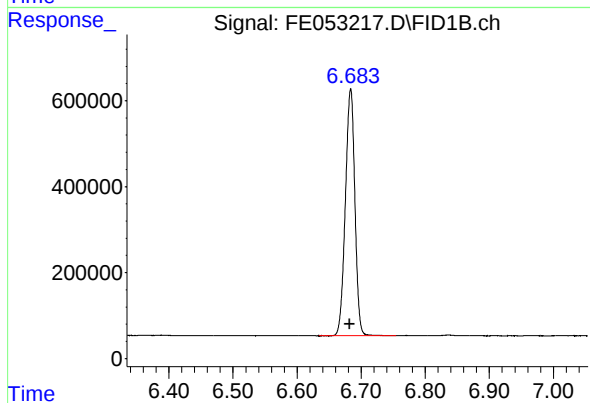
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.002 min
Response: 5528480
Conc: 35.25 ug/ml



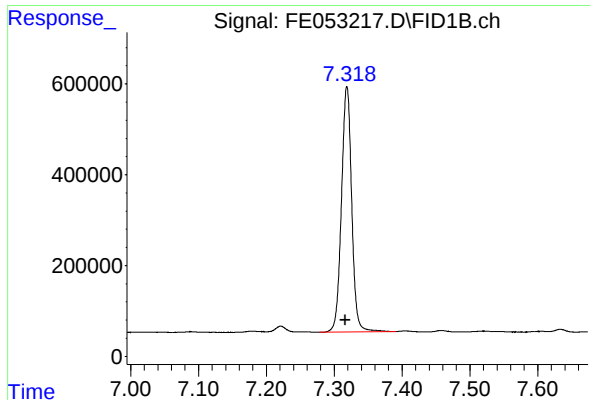
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 6024975
Conc: 35.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 5875453
Conc: 37.57 ug/ml



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

R.T.: 7.319 min
Delta R.T.: 0.003 min
Response: 5675788
Conc: 35.57 ug/ml

Instrument :

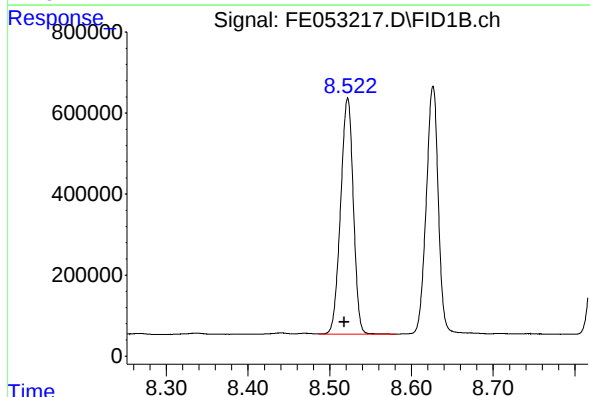
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ClientSampleId :

TT-8MSD

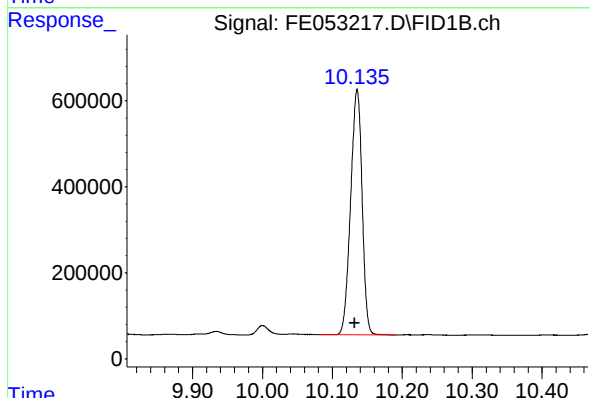
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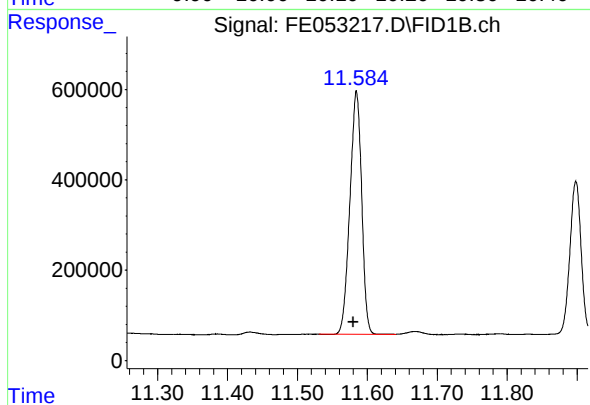
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.004 min
Response: 6310451
Conc: 41.21 ug/ml



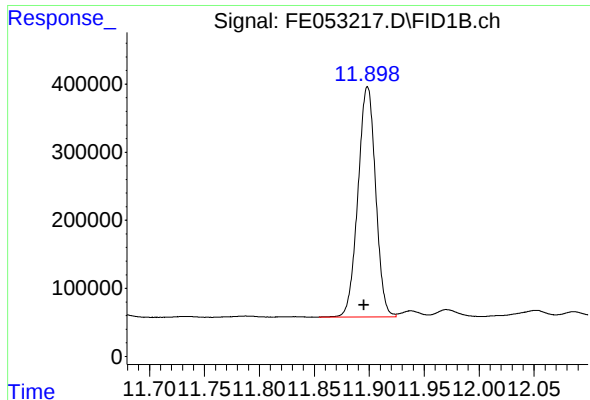
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 6493659
Conc: 42.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: 0.004 min
Response: 6292874
Conc: 41.49 ug/ml



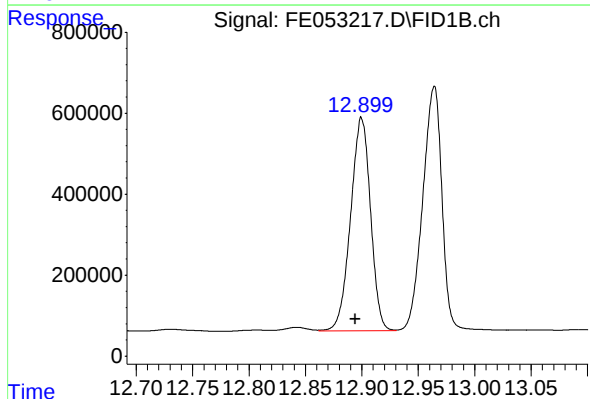
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: 0.003 min
Response: 3791710
Conc: 23.28 ug/ml

Instrument :
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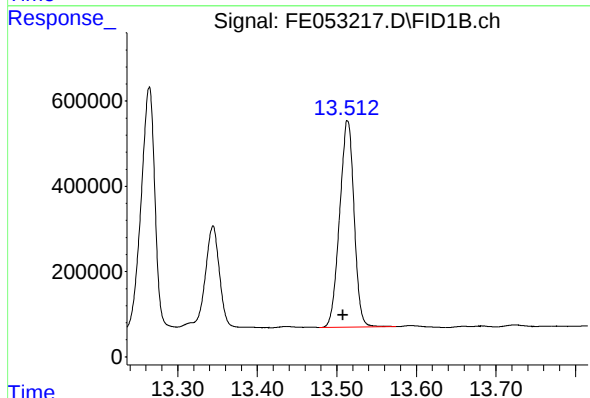
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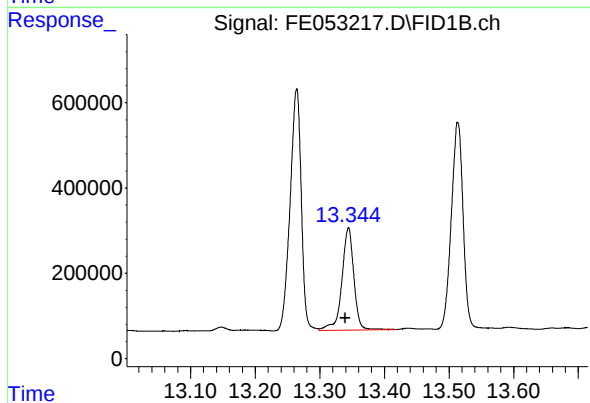
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.006 min
Response: 6480575
Conc: 45.45 ug/ml



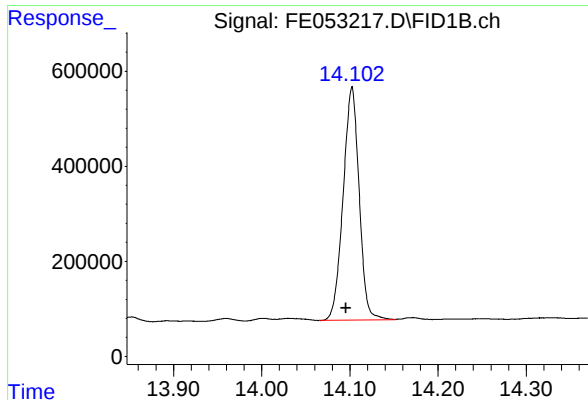
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.005 min
Response: 6112794
Conc: 44.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 3101682
Conc: 25.84 ug/ml



#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: 0.007 min
Response: 6204131
Conc: 45.30 ug/ml

Instrument :

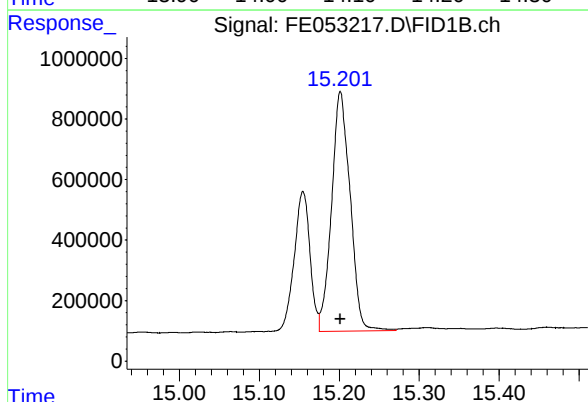
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ClientSampleId :

TT-8MSD

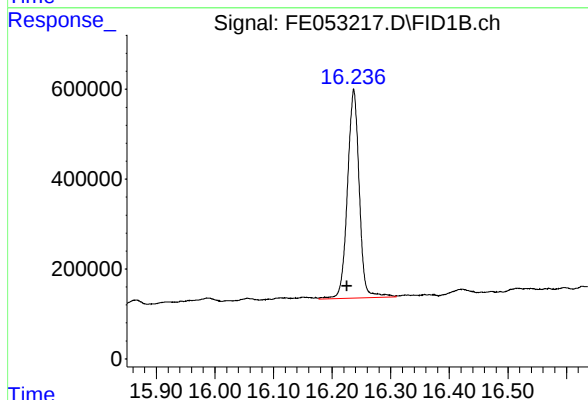
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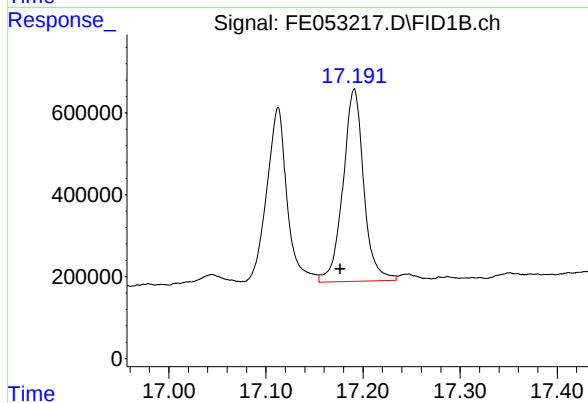
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 12761181
Conc: 94.49 ug/ml



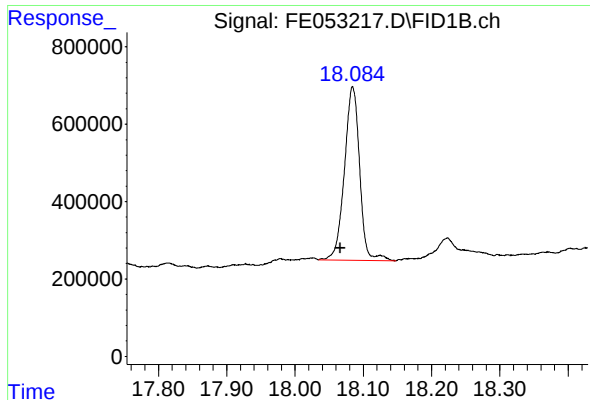
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.012 min
Response: 6535361
Conc: 48.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.014 min
Response: 7005622
Conc: 53.09 ug/ml



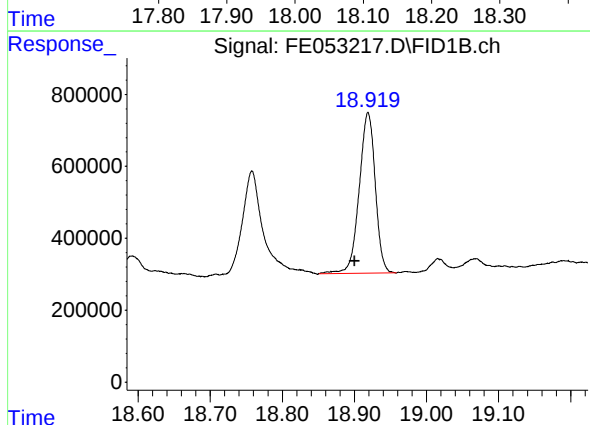
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: 0.018 min
Response: 6951803
Conc: 51.29 ug/ml

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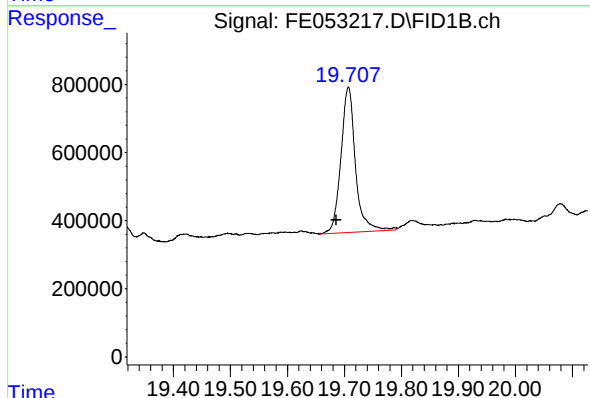
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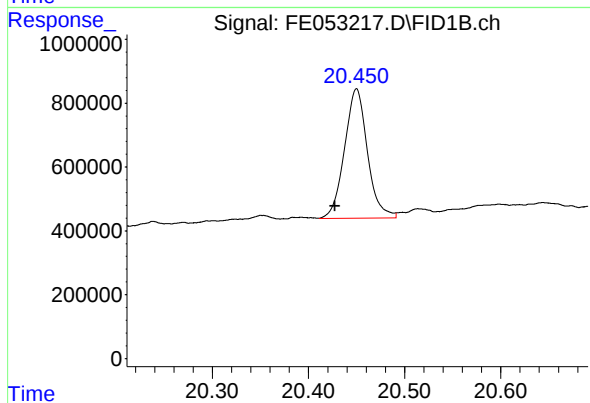
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.019 min
Response: 6929597
Conc: 51.50 ug/ml



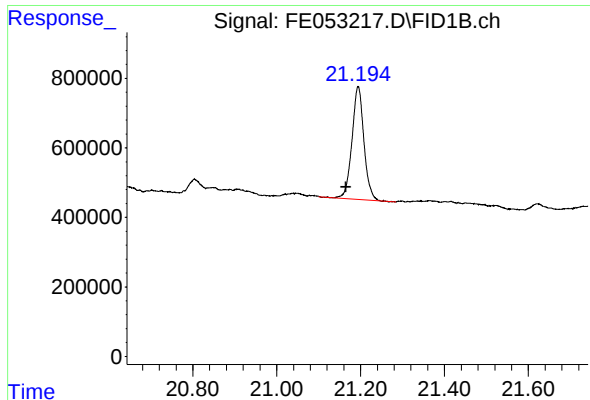
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.021 min
Response: 7571583
Conc: 58.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: 0.022 min
Response: 6723672
Conc: 56.60 ug/ml



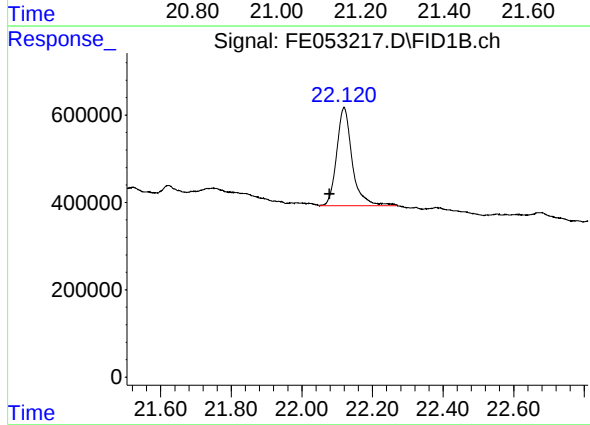
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: 0.029 min
Response: 6416583
Conc: 55.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: 0.041 min
Response: 6859347
Conc: 61.07 ug/ml m