

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045112.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 19:19
 Operator : YP\AJ
 Sample : 05164-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-352MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

Integration File: autoint1.e

Quant Time: Oct 31 23:58:47 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 2023

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)	11.901	5582394	27.847 ug/ml
Spiked Amount 50.000		Recovery =	55.69%
12) S 1-chlorooctadecane (S...	13.344	4404855	29.765 ug/ml
Spiked Amount 50.000		Recovery =	59.53%
Target Compounds			
1) T n-Nonane (C9)	3.287	6424296	38.296 ug/ml
2) T n-Decane (C10)	4.538	7253854	42.582 ug/ml
3) T A~Naphthalene (C11.7)	6.238	8087883	43.690 ug/ml
4) T n-Dodecane (C12)	6.702	7871713	45.601 ug/ml
5) T A~2-methylnaphthalene...	7.335	8109760	44.956 ug/ml
6) T n-Tetradecane (C14)	8.531	8299928	48.402 ug/ml
7) T n-Hexadecane (C16)	10.142	8817202	50.422 ug/ml
8) T n-Octadecane (C18)	11.588	8995127	51.573 ug/ml
10) T n-Eicosane (C20)	12.902	8928302	53.453 ug/ml
11) T n-Heneicosane (C21)	13.514	8513907	52.229 ug/ml
13) T n-Docosane (C22)	14.102	8410869	52.583 ug/ml
14) T n-Tetracosane (C24)	15.198	16728641	107.790 ug/ml
15) T n-Hexacosane (C26)	16.235	8109292	54.013 ug/ml
16) T n-Octacosane (C28)	17.183	8256538	56.227 ug/ml
17) T n-Tricontane (C30)	18.076	8461957	56.895 ug/ml
18) T n-Dotriacontane (C32)	18.908	8207582	54.683 ug/mlm
19) T n-Tetratriacontane (C34)	19.697	8347877	56.077 ug/mlm
20) T n-Hexatriacontane (C36)	20.439	8339981	54.247 ug/mlm
21) T n-Octatriacontane (C38)	21.180	8057975	51.584 ug/mlm
22) T n-Tetracontane (C40)	22.102	10795753	64.598 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 05164-01MS
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ALS Vial : 20 Sample Multiplier: 1

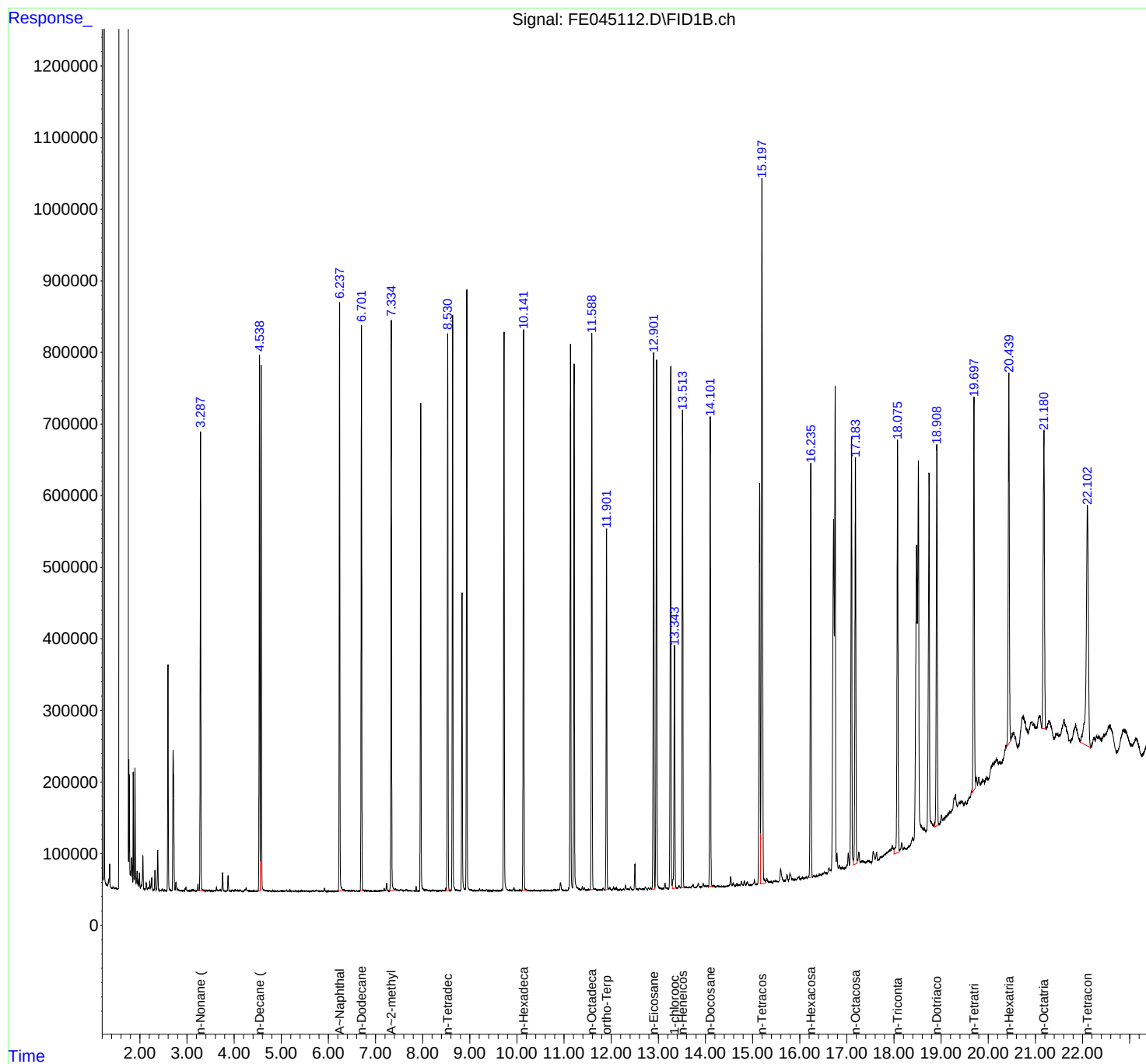
Instrument :
FID_E
ClientSampleId :
ETGI-352MS

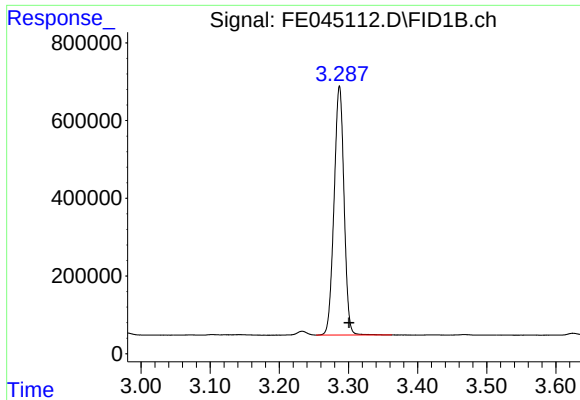
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.014 min
Response: 6424296
Conc: 38.30 ug/ml

Instrument :

FID_E

ClientSampleId :

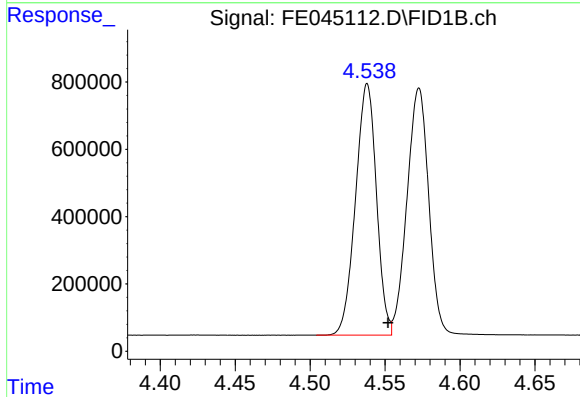
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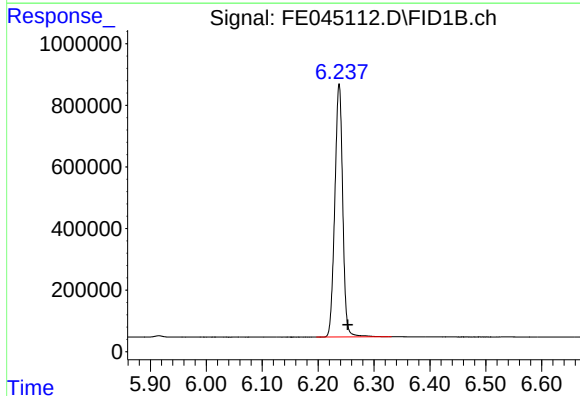
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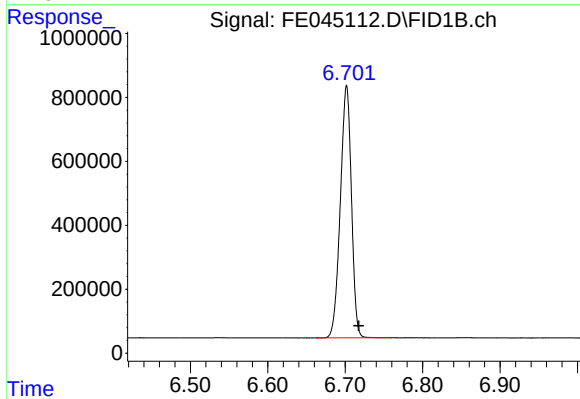
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.014 min
Response: 7253854
Conc: 42.58 ug/ml



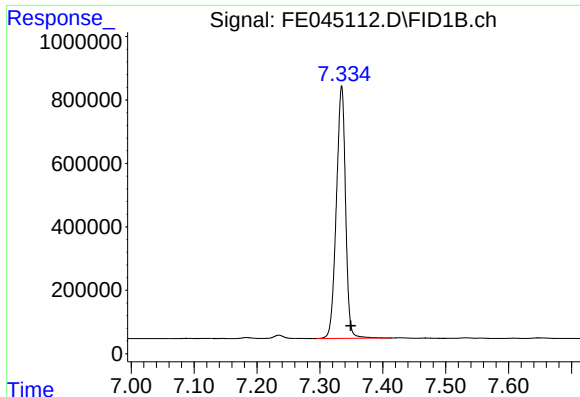
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.015 min
Response: 8087883
Conc: 43.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.016 min
Response: 7871713
Conc: 45.60 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 8109760
Conc: 44.96 ug/ml

Instrument :

FID_E

ClientSampleId :

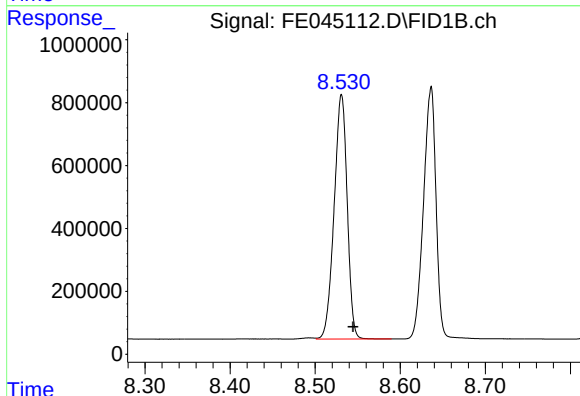
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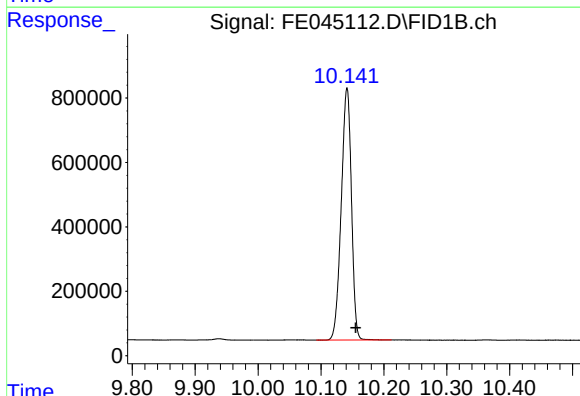
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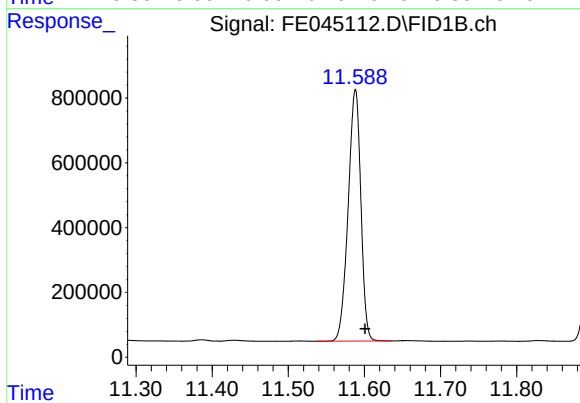
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 8299928
Conc: 48.40 ug/ml



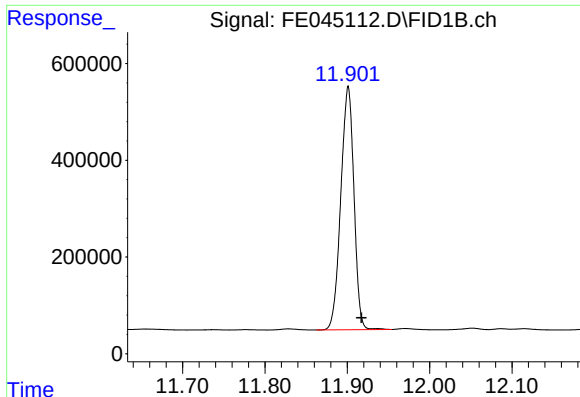
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.014 min
Response: 8817202
Conc: 50.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.013 min
Response: 8995127
Conc: 51.57 ug/ml



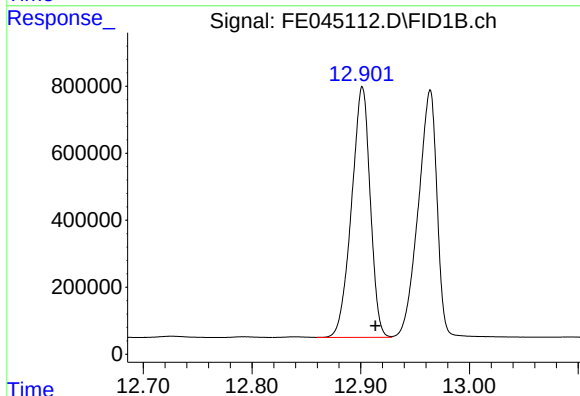
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 5582394
Conc: 27.85 ug/ml

Instrument :
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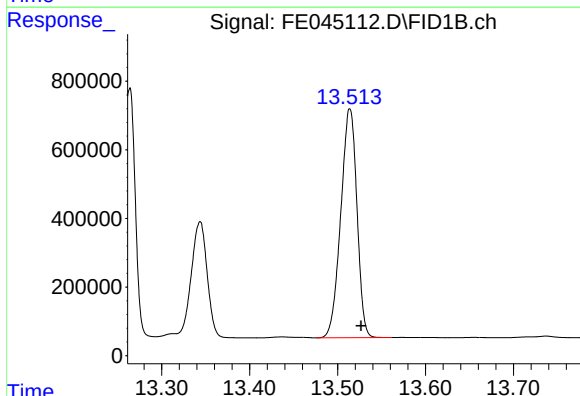
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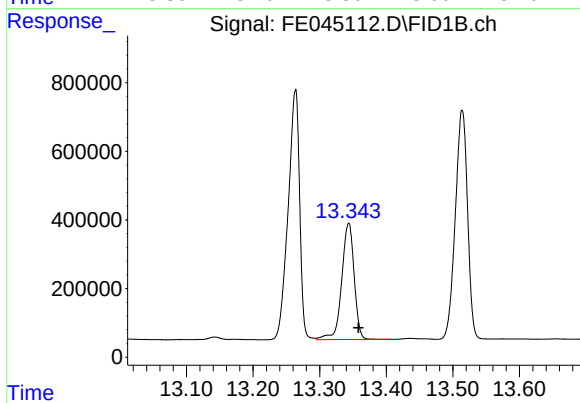
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: -0.012 min
Response: 8928302
Conc: 53.45 ug/ml



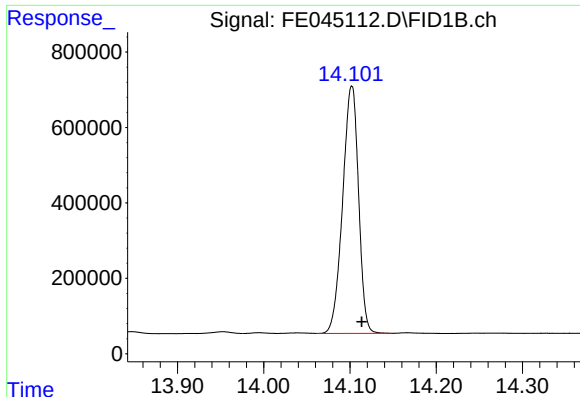
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: -0.013 min
Response: 8513907
Conc: 52.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.015 min
Response: 4404855
Conc: 29.77 ug/ml



#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: -0.012 min
Response: 8410869
Conc: 52.58 ug/ml

Instrument :

FID_E

ClientSampleId :

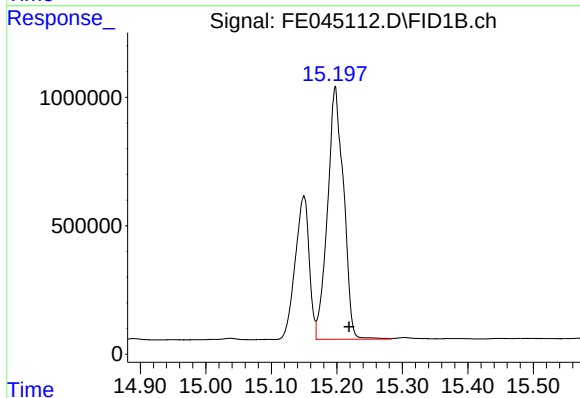
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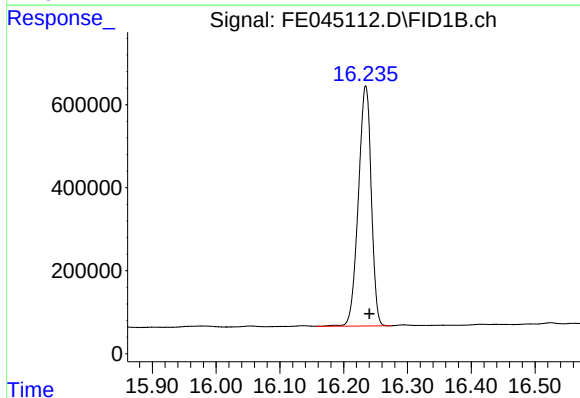
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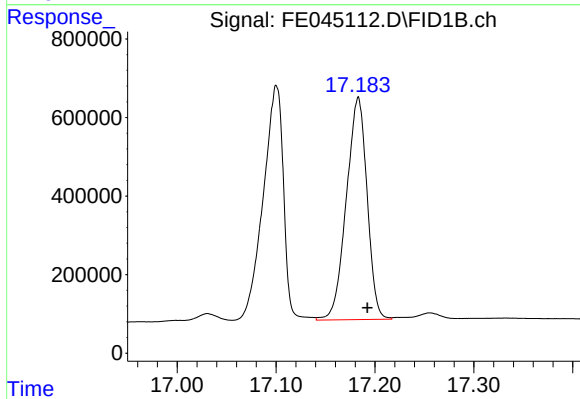
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.021 min
Response: 16728641
Conc: 107.79 ug/ml



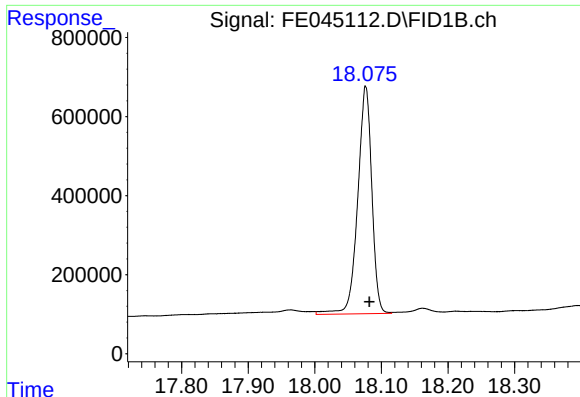
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.006 min
Response: 8109292
Conc: 54.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.009 min
Response: 8256538
Conc: 56.23 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.005 min
Response: 8461957
Conc: 56.90 ug/ml

Instrument :

FID_E

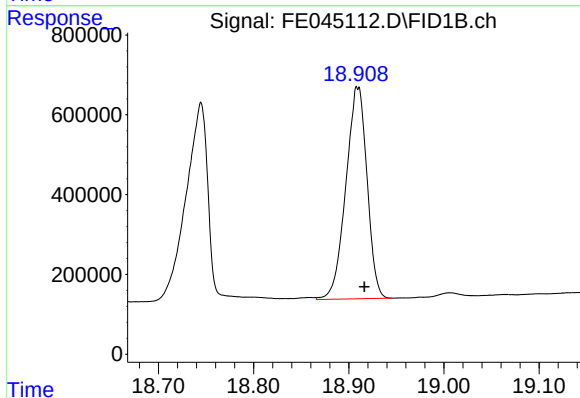
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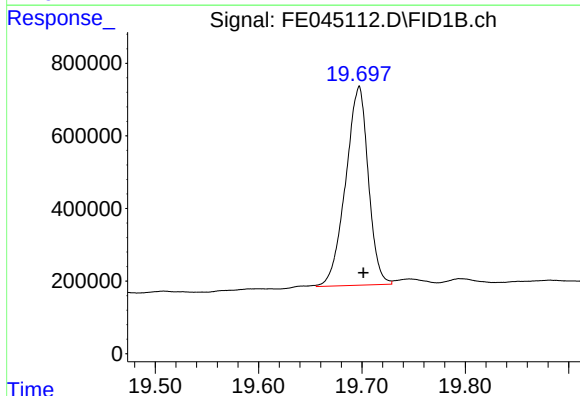
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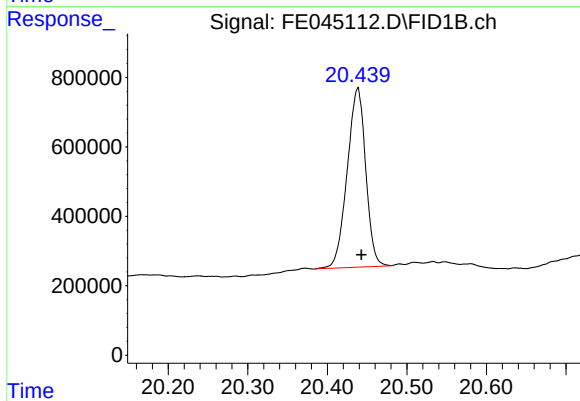
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.008 min
Response: 8207582
Conc: 54.68 ug/ml m



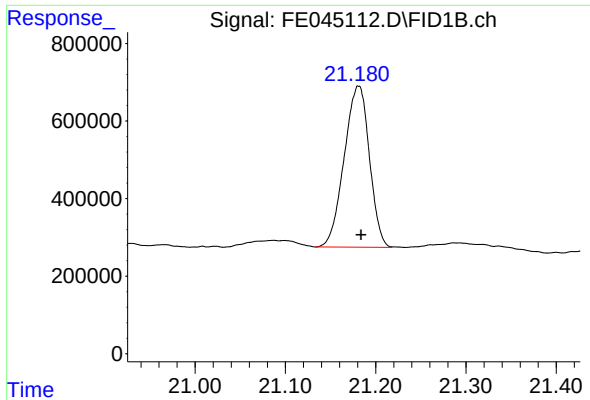
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.004 min
Response: 8347877
Conc: 56.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: -0.004 min
Response: 8339981
Conc: 54.25 ug/ml m



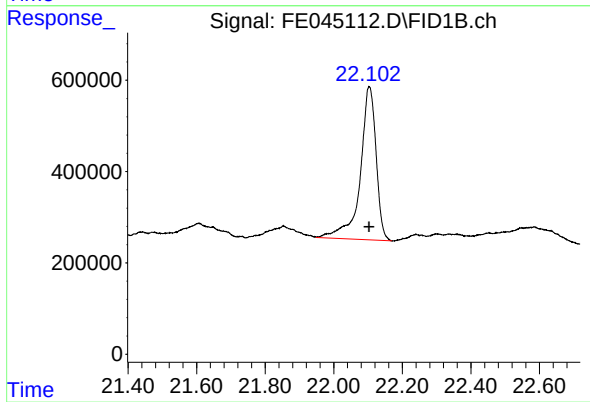
#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.004 min
Response: 8057975
Conc: 51.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.001 min
Response: 10795753
Conc: 64.60 ug/ml m