

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050411.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 14:48
 Operator : YP\AJ
 Sample : PB163736BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163736BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/30/2024

Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e

Quant Time: Sep 28 00:17:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.867	6009796	40.394 ug/ml
Spiked Amount 50.000		Recovery =	80.79%
12) S 1-chlorooctadecane (S...	13.299	5052137	44.977 ug/ml
Spiked Amount 50.000		Recovery =	89.95%
Target Compounds			
1) T n-Nonane (C9)	3.266	6789320	50.089 ug/ml
2) T n-Decane (C10)	4.511	7153170	51.830 ug/ml
3) T A~Naphthalene (C11.7)	6.216	7463120	53.320 ug/ml
4) T n-Dodecane (C12)	6.674	7132430	51.578 ug/mlm
5) T A~2-methylnaphthalene...	7.311	6648915	50.586 ug/ml
6) T n-Tetradecane (C14)	8.503	7405648	54.385 ug/ml
7) T n-Hexadecane (C16)	10.107	7438458	53.552 ug/ml
8) T n-Octadecane (C18)	11.548	7394405	52.779 ug/ml
10) T n-Eicosane (C20)	12.856	7354775	54.827 ug/mlm
11) T n-Heneicosane (C21)	13.466	7136011	54.309 ug/ml
13) T n-Docosane (C22)	14.051	7012592	53.853 ug/ml
14) T n-Tetracosane (C24)	15.152	13721584	105.073 ug/ml
15) T n-Hexacosane (C26)	16.175	6876783	53.750 ug/mlm
16) T n-Octacosane (C28)	17.122	7825676	60.754 ug/ml
17) T n-Tricontane (C30)	18.009	7191699	53.781 ug/ml
18) T n-Dotriacontane (C32)	18.839	7516900	56.409 ug/mlm
19) T n-Tetratriacontane (C34)	19.623	7581139	61.355 ug/ml
20) T n-Hexatriacontane (C36)	20.362	7657577	69.018 ug/ml
21) T n-Octatriacontane (C38)	21.088	7900247	71.638 ug/mlm
22) T n-Tetracontane (C40)	21.975	7598871	69.833 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

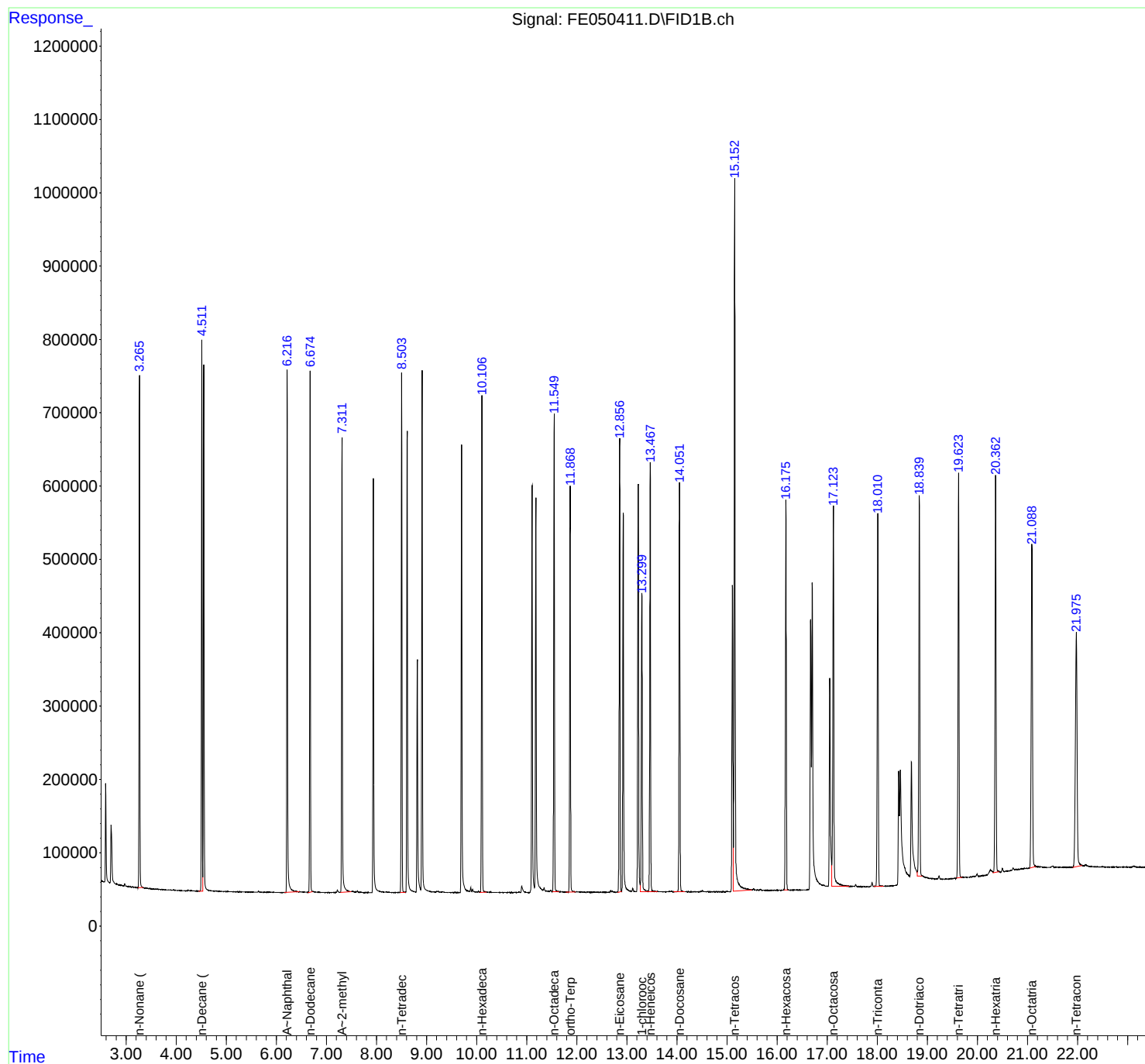
Instrument :
FID_E
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PB163736BSD

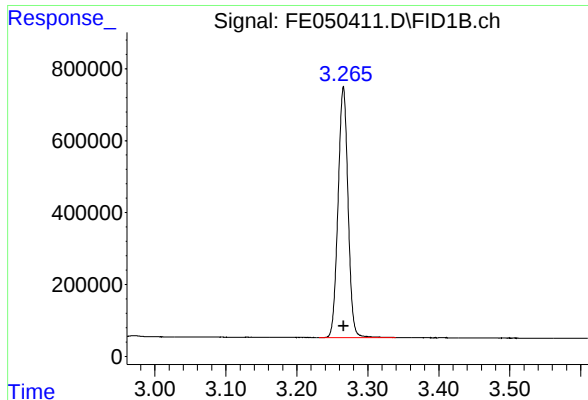
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 6789320
Conc: 50.09 ug/ml

Instrument :

FID_E

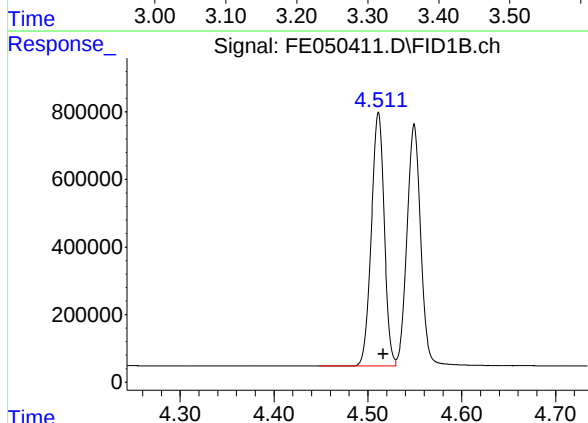
ClientSampleId :

PB163736BSD

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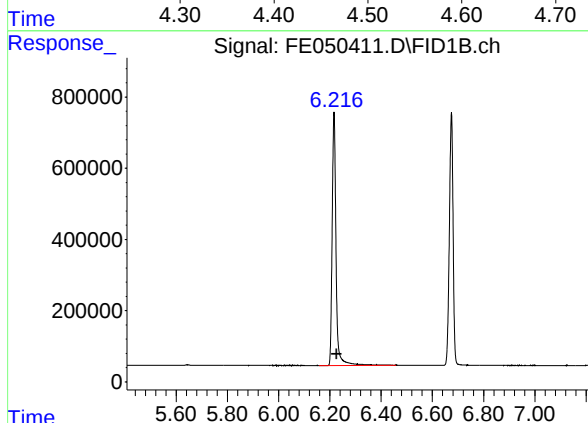
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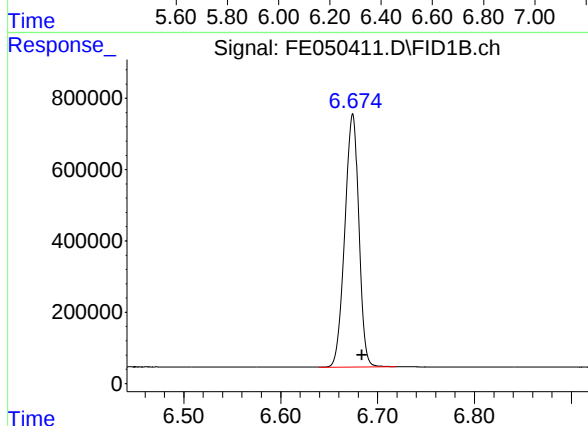
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 7153170
Conc: 51.83 ug/ml



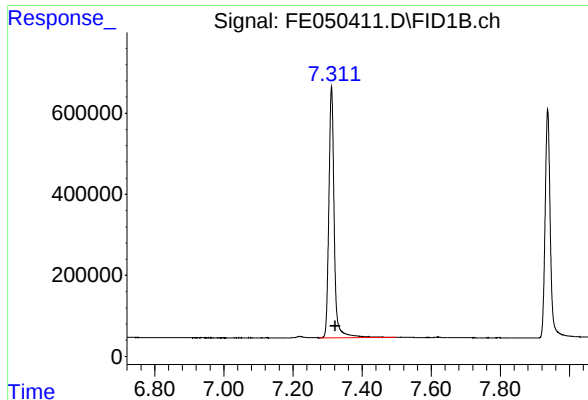
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.011 min
Response: 7463120
Conc: 53.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 7132430
Conc: 51.58 ug/ml m



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

R.T.: 7.311 min
Delta R.T.: -0.012 min
Response: 6648915
Conc: 50.59 ug/ml

Instrument :

FID_E

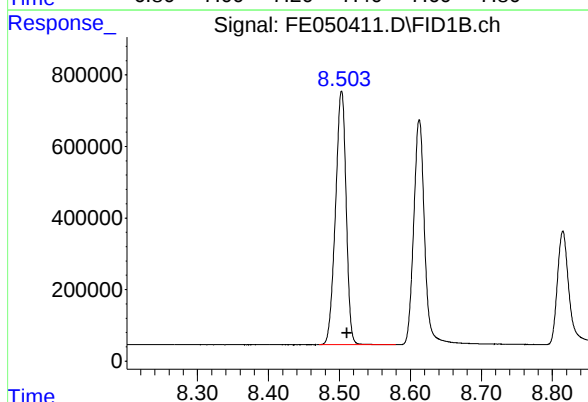
ClientSampleId :

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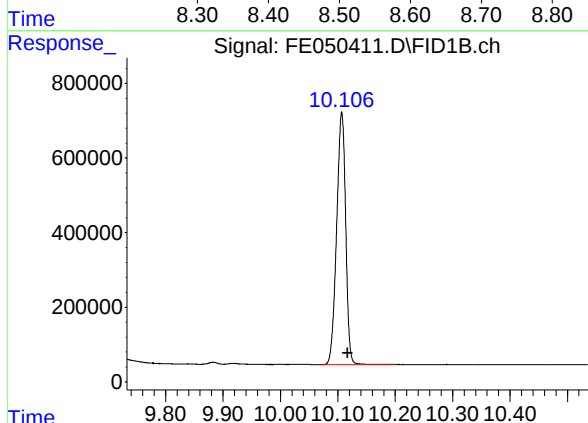
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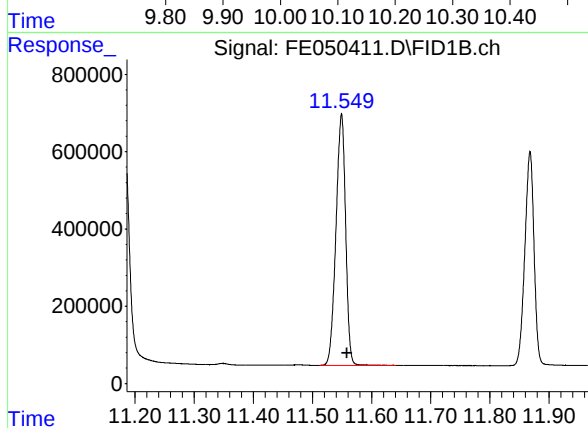
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 7405648
Conc: 54.38 ug/ml



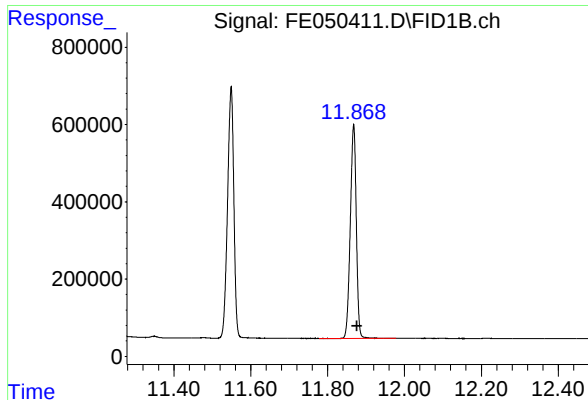
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.010 min
Response: 7438458
Conc: 53.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: -0.010 min
Response: 7394405
Conc: 52.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.009 min
Response: 6009796
Conc: 40.39 ug/ml

Instrument :

FID_E

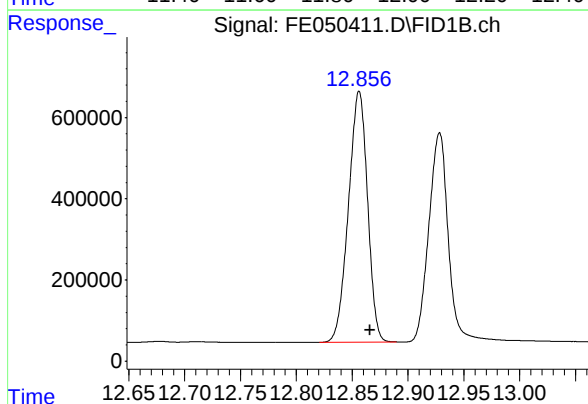
ClientSampleId :

PB163736BSD

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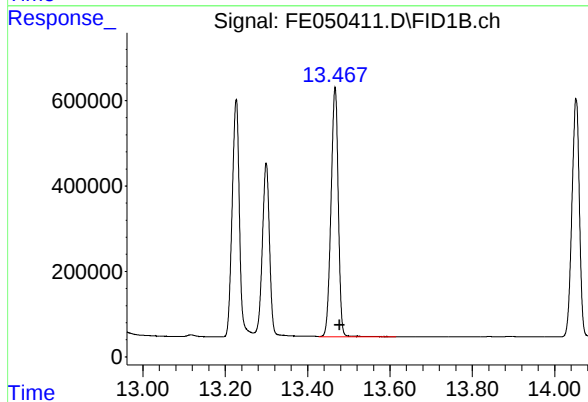
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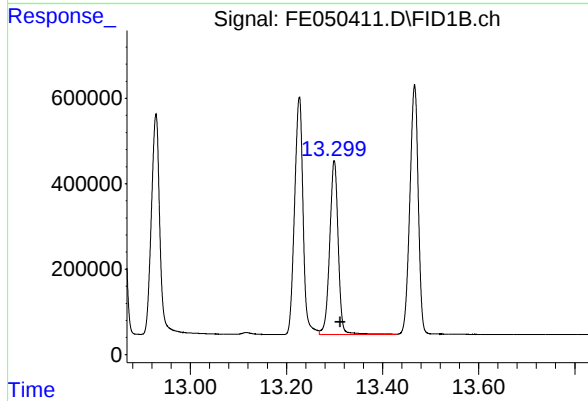
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.010 min
Response: 7354775
Conc: 54.83 ug/ml m



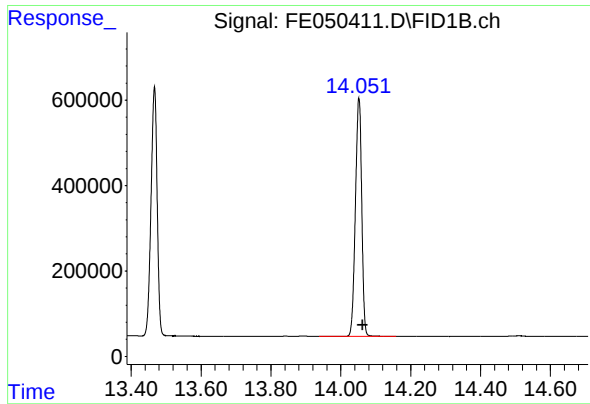
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: -0.011 min
Response: 7136011
Conc: 54.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: -0.012 min
Response: 5052137
Conc: 44.98 ug/ml



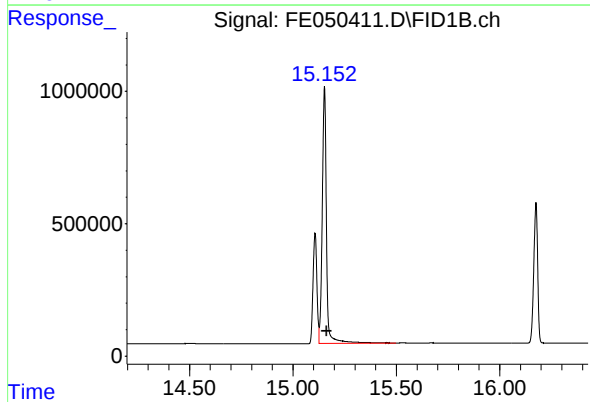
#13 n-Docosane (C22)

R.T.: 14.051 min
Delta R.T.: -0.012 min
Response: 7012592
Conc: 53.85 ug/ml

Instrument :
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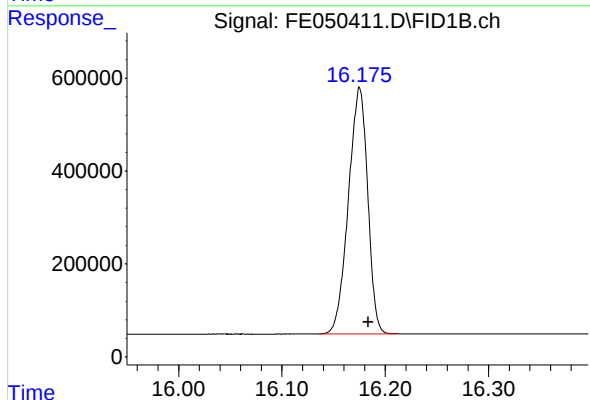
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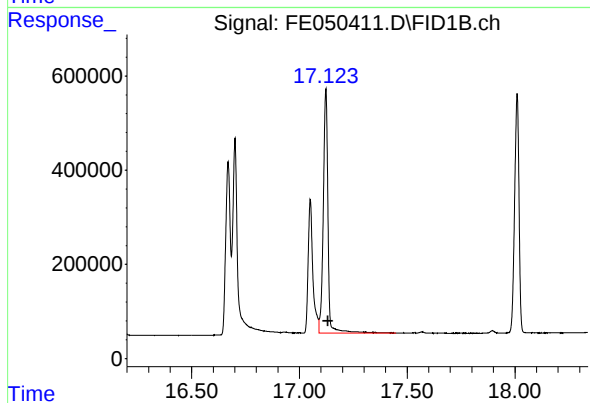
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.013 min
Response: 13721584
Conc: 105.07 ug/ml



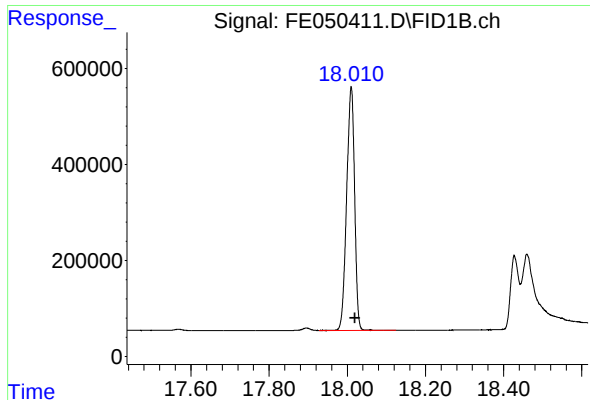
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 6876783
Conc: 53.75 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 7825676
Conc: 60.75 ug/ml



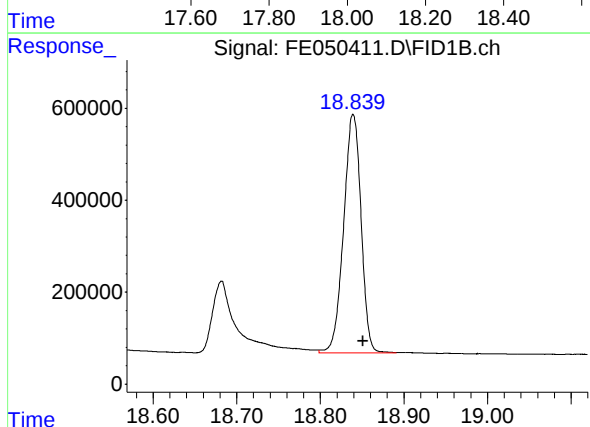
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.011 min
Response: 7191699
Conc: 53.78 ug/ml

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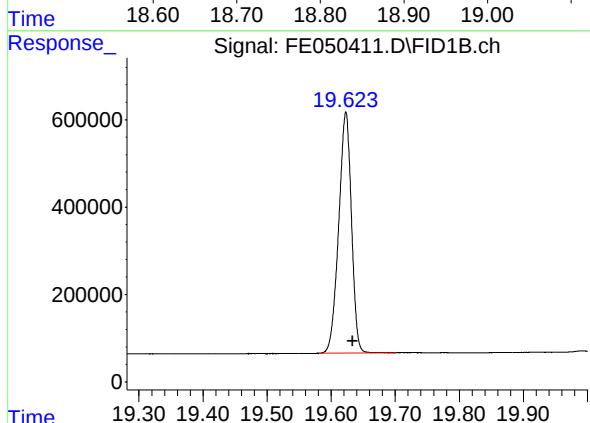
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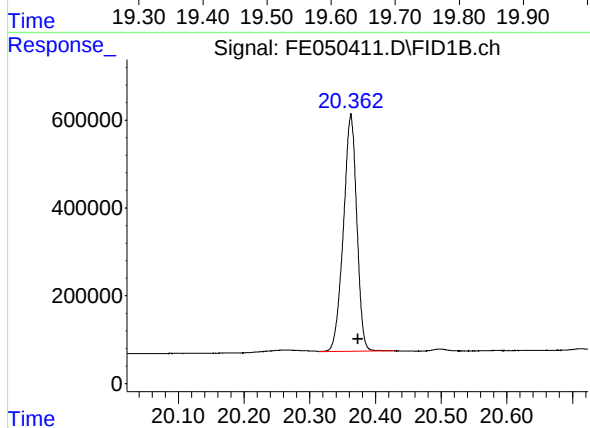
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.012 min
Response: 7516900
Conc: 56.41 ug/ml



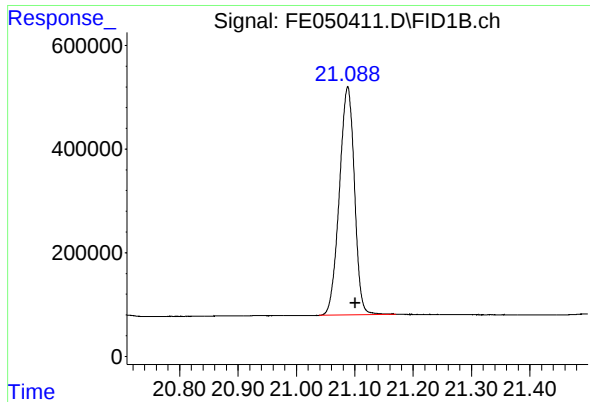
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.011 min
Response: 7581139
Conc: 61.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.012 min
Response: 7657577
Conc: 69.02 ug/ml



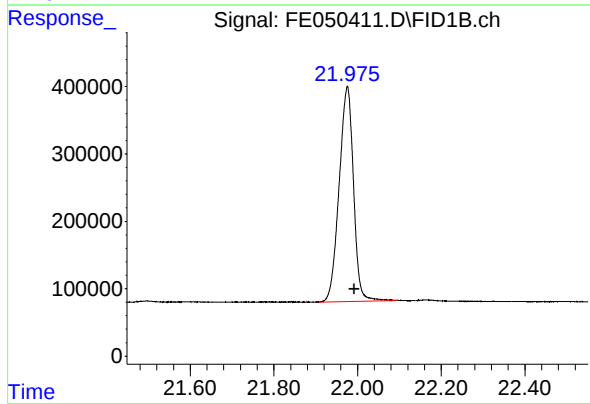
#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.013 min
Response: 7900247
Conc: 71.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.017 min
Response: 7598871
Conc: 69.83 ug/ml m