

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
 Data File : FE044254.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2023 19:40
 Operator : YP\AJ
 Sample : 04399-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11985MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e

Quant Time: Sep 14 01:11:20 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.932	6595347	34.813 ug/ml
Spiked Amount 50.000		Recovery =	69.63%
12) S 1-chlorooctadecane (S...	13.370	5378742	38.935 ug/ml
Spiked Amount 50.000		Recovery =	77.87%
Target Compounds			
1) T n-Nonane (C9)	3.320	4757082	29.161 ug/ml
2) T n-Decane (C10)	4.571	5445146	32.760 ug/ml
3) T A~Naphthalene (C11.7)	6.271	6069583	33.895 ug/ml
4) T n-Dodecane (C12)	6.734	5961721	35.449 ug/ml
5) T A~2-methylnaphthalene...	7.367	6164695	35.959 ug/ml
6) T n-Tetradecane (C14)	8.563	6313340	37.645 ug/ml
7) T n-Hexadecane (C16)	10.170	6760536	39.115 ug/ml
8) T n-Octadecane (C18)	11.615	7013821	40.293 ug/ml
10) T n-Eicosane (C20)	12.926	7195764	43.502 ug/ml
11) T n-Heneicosane (C21)	13.538	6938968	42.898 ug/ml
13) T n-Docosane (C22)	14.125	6905891	43.226 ug/ml
14) T n-Tetracosane (C24)	15.228	4762434	30.455 ug/ml
15) T n-Hexacosane (C26)	16.253	6420883	42.592 ug/ml
16) T n-Octacosane (C28)	17.202	6682904	46.309 ug/ml
17) T n-Tricontane (C30)	18.093	6298871	43.356 ug/ml
18) T n-Dotriacontane (C32)	18.924	6198403	43.514 ug/ml
19) T n-Tetratriacontane (C34)	19.710	5976122	42.705 ug/ml
20) T n-Hexatriacontane (C36)	20.451	5678858	41.423 ug/ml
21) T n-Octatriacontane (C38)	21.194	5848760	42.133 ug/ml
22) T n-Tetracontane (C40)	22.117	6177702	44.681 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 04399-03MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

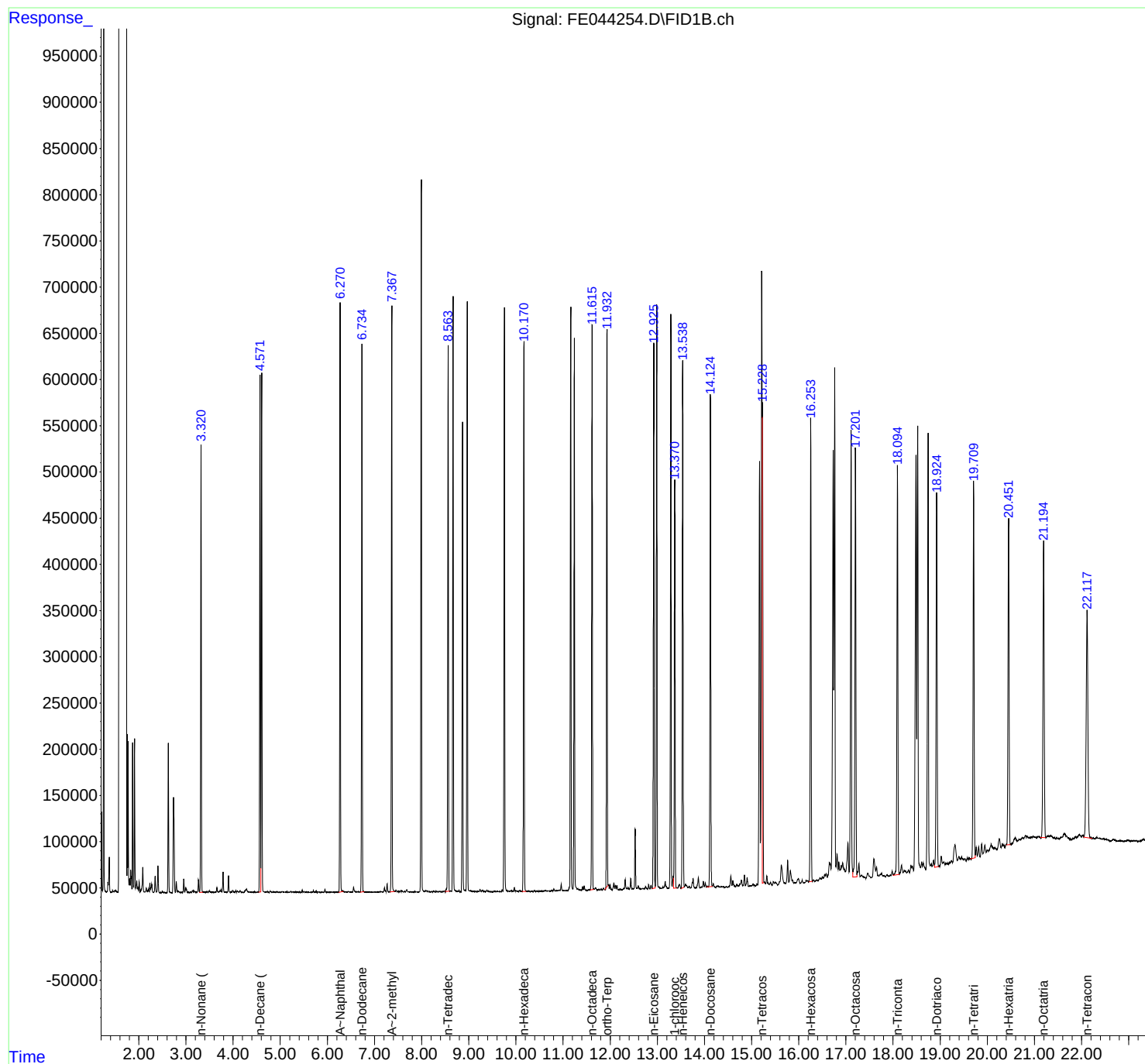
Instrument :
FID_E
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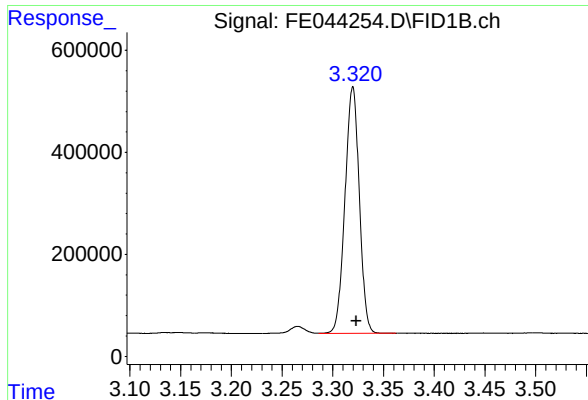
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.
Quant Title : GC Extractables
QLast Update : Thu Aug 31 03:37:37 2023
Response via : Initial 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.: 3.320 min
Delta R.T.: -0.003 min
Response: 4757082
Conc: 29.16 ug/ml

Instrument :

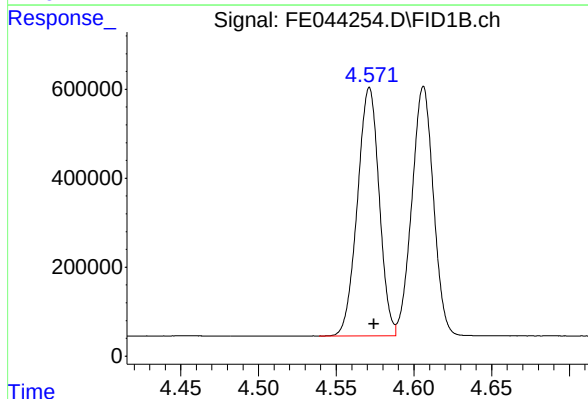
FID_E

ClientSampleId :

72-11985MS

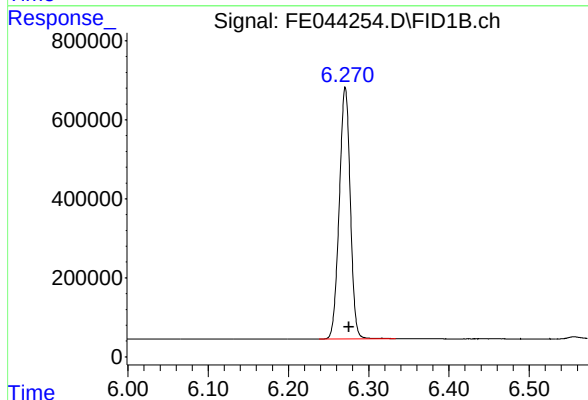
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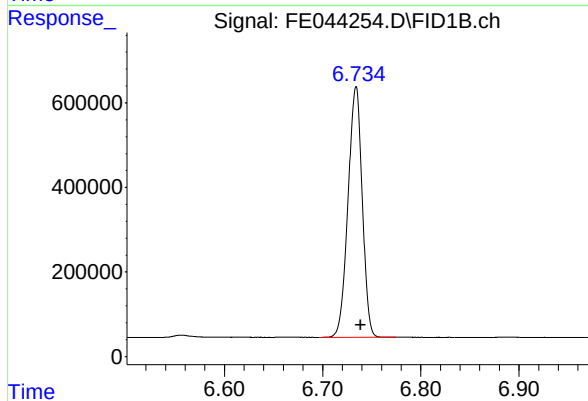
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.003 min
Response: 5445146
Conc: 32.76 ug/ml



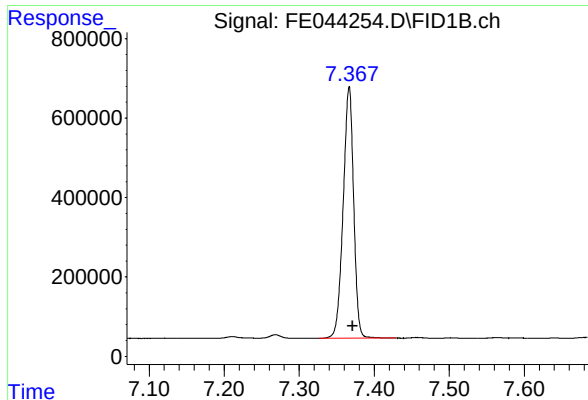
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 6069583
Conc: 33.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 5961721
Conc: 35.45 ug/ml



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

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 6164695
Conc: 35.96 ug/ml

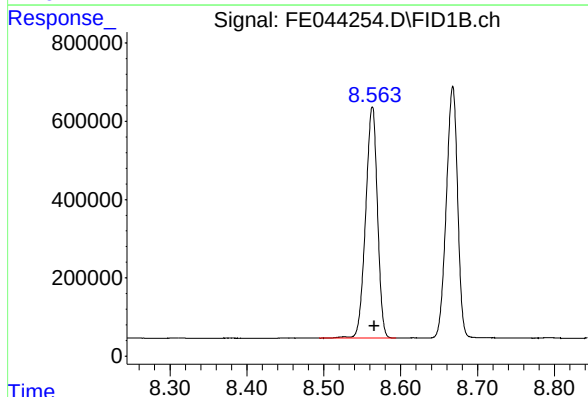
Instrument :

FID_E

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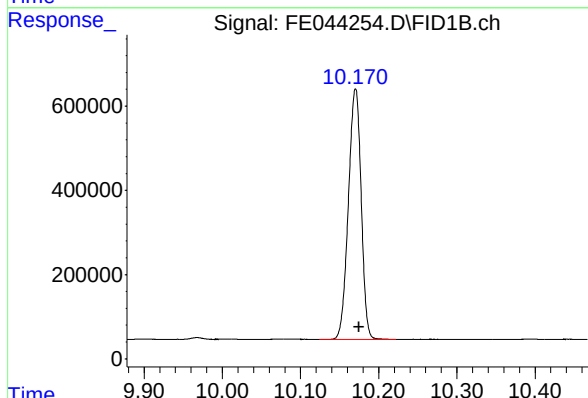
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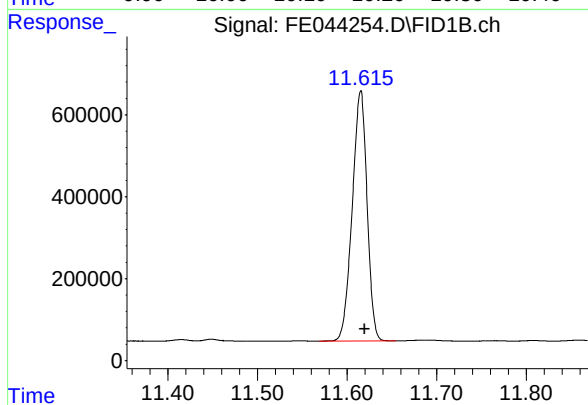
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 6313340
Conc: 37.65 ug/ml



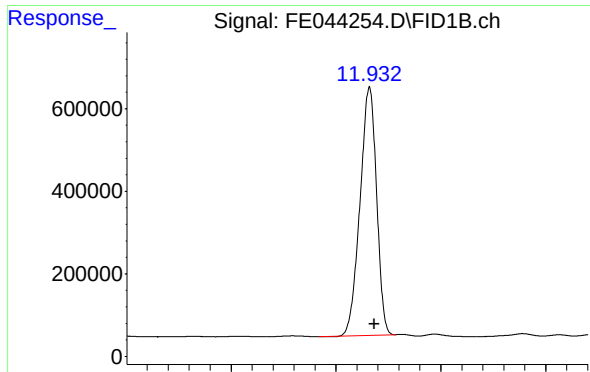
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.004 min
Response: 6760536
Conc: 39.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.615 min
Delta R.T.: -0.004 min
Response: 7013821
Conc: 40.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.005 min
Response: 6595347
Conc: 34.81 ug/ml

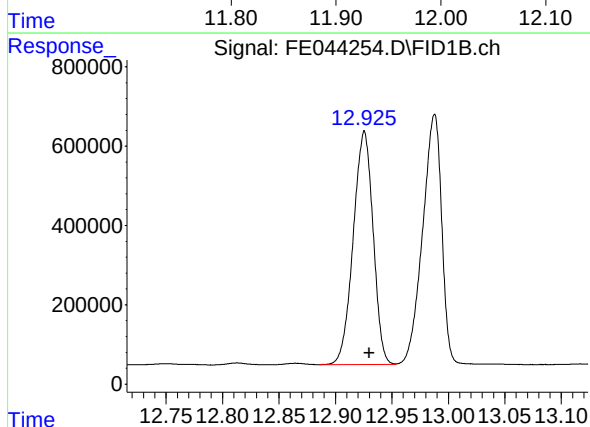
Instrument :

FID_E

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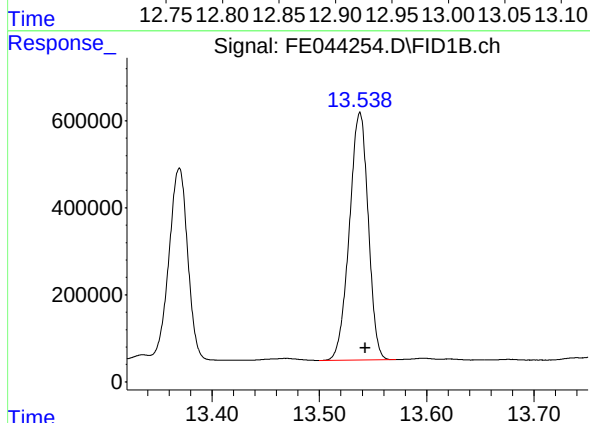
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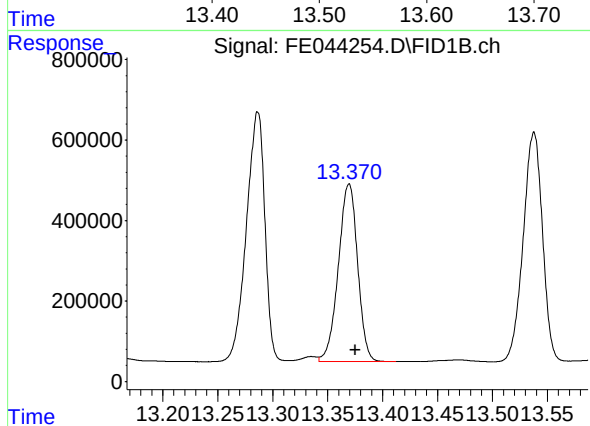
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.004 min
Response: 7195764
Conc: 43.50 ug/ml



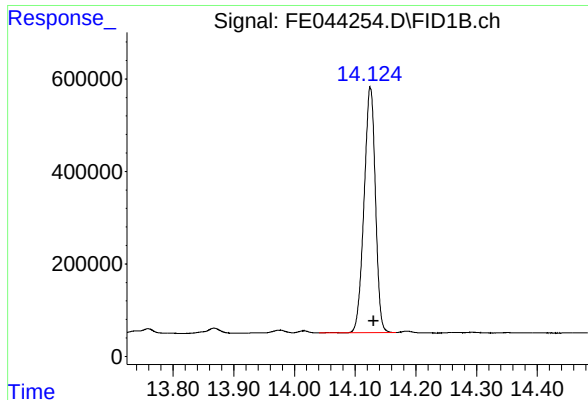
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.005 min
Response: 6938968
Conc: 42.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.005 min
Response: 5378742
Conc: 38.93 ug/ml



#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.005 min
Response: 6905891
Conc: 43.23 ug/ml

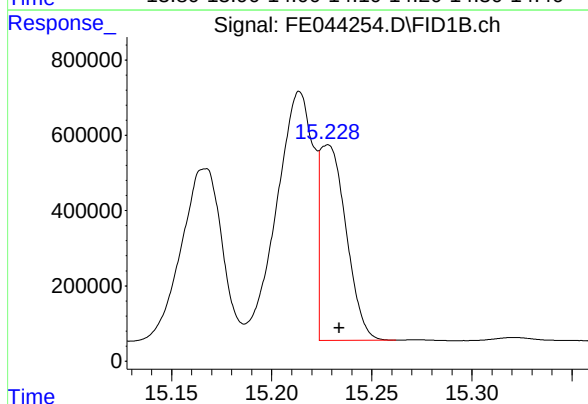
Instrument :

FID_E

ClientSampleId :
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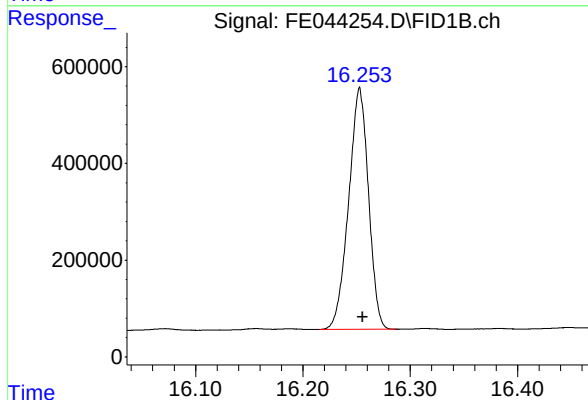
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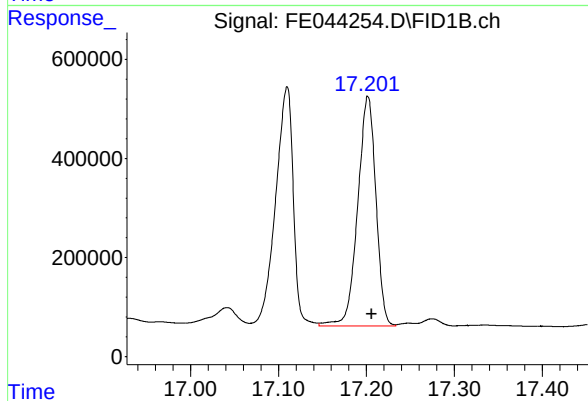
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.006 min
Response: 4762434
Conc: 30.45 ug/ml



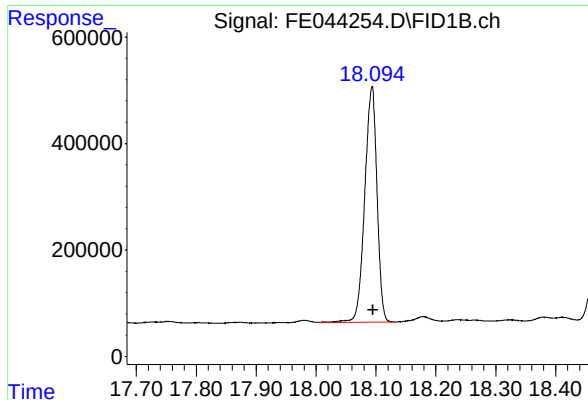
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.003 min
Response: 6420883
Conc: 42.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.004 min
Response: 6682904
Conc: 46.31 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.001 min
Response: 6298871
Conc: 43.36 ug/ml

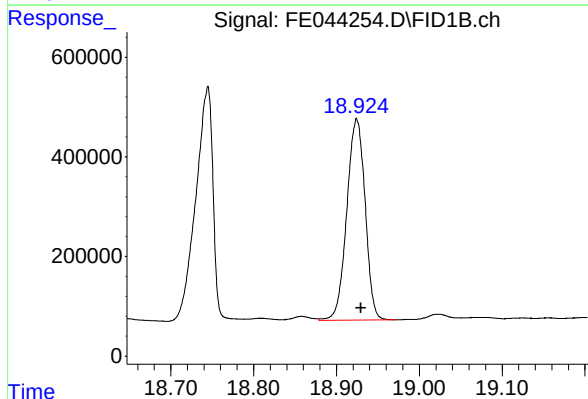
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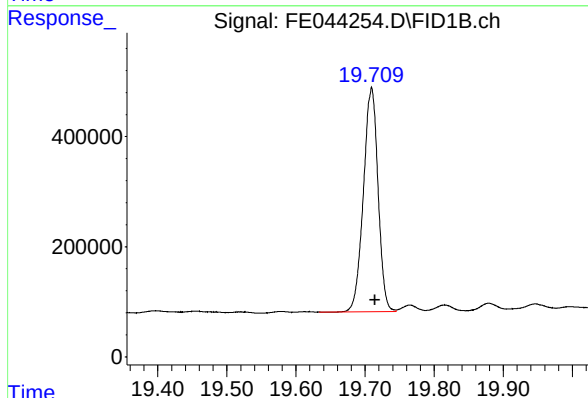
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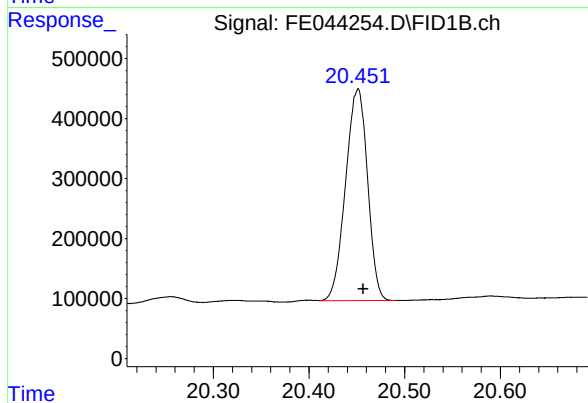
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.005 min
Response: 6198403
Conc: 43.51 ug/ml



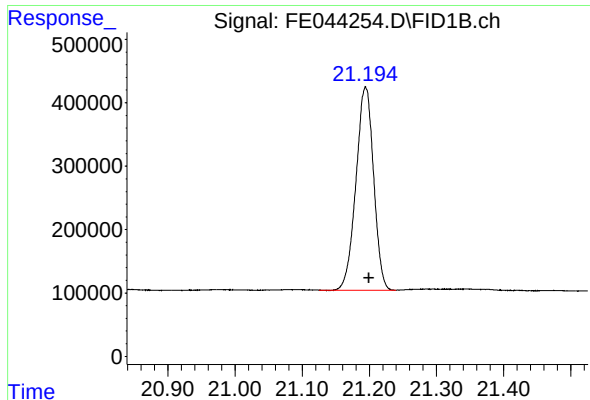
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.005 min
Response: 5976122
Conc: 42.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.006 min
Response: 5678858
Conc: 41.42 ug/ml m



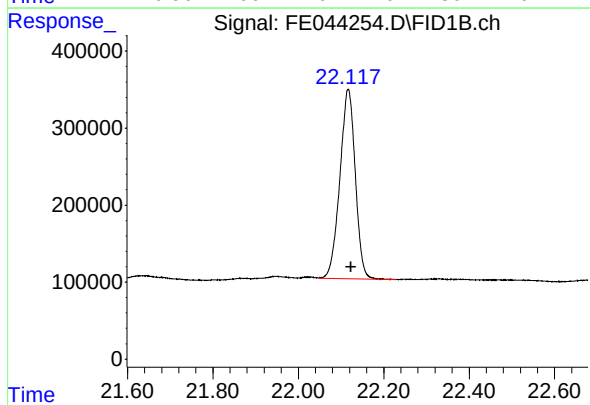
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.005 min
Response: 5848760
Conc: 42.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.007 min
Response: 6177702
Conc: 44.68 ug/ml