

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021925AL\
 Data File : FE052402.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2025 13:32
 Operator : YP\AJ
 Sample : PB166773BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166773BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/20/2025

Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e

Quant Time: Feb 20 00:17:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.916	6704229	35.865 ug/ml
Spiked Amount 50.000		Recovery =	71.73%
12) S 1-chlorooctadecane (S...	13.361	5237197	37.679 ug/ml
Spiked Amount 50.000		Recovery =	75.36%
Target Compounds			
1) T n-Nonane (C9)	3.261	5609139	36.542 ug/ml
2) T n-Decane (C10)	4.520	5979637	38.285 ug/ml
3) T A~Naphthalene (C11.7)	6.228	7082145	40.992 ug/ml
4) T n-Dodecane (C12)	6.698	6188354	39.206 ug/ml
5) T A~2-methylnaphthalene...	7.330	6532414	38.895 ug/ml
6) T n-Tetradecane (C14)	8.537	6260485	39.746 ug/ml
7) T n-Hexadecane (C16)	10.151	6198558	37.926 ug/ml
8) T n-Octadecane (C18)	11.601	6144668	37.137 ug/ml
10) T n-Eicosane (C20)	12.916	6259091	39.261 ug/ml
11) T n-Heneicosane (C21)	13.530	5976918	38.149 ug/ml
13) T n-Docosane (C22)	14.118	5921201	37.836 ug/ml
14) T n-Tetracosane (C24)	15.203	12436085	79.075 ug/mlm
15) T n-Hexacosane (C26)	16.251	5718283	36.919 ug/ml
16) T n-Octacosane (C28)	17.202	5712346	37.345 ug/ml
17) T n-Tricontane (C30)	18.094	5666898	36.304 ug/ml
18) T n-Dotriacontane (C32)	18.928	5573746	36.425 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5514525	38.763 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5236719	42.016 ug/ml
21) T n-Octatriacontane (C38)	21.200	5046079	46.166 ug/ml
22) T n-Tetracontane (C40)	22.124	5104543	50.746 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166773BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

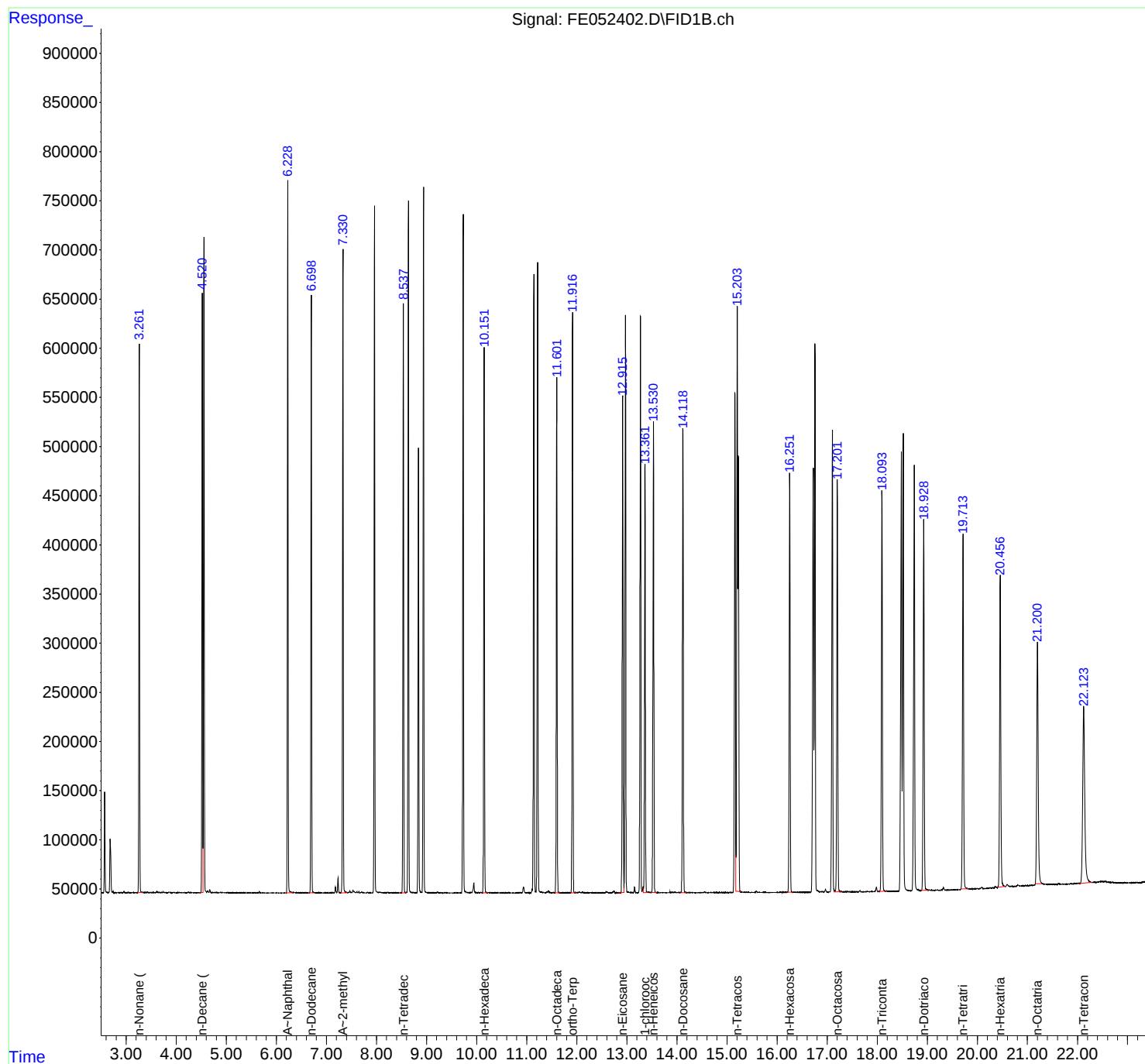
Instrument :
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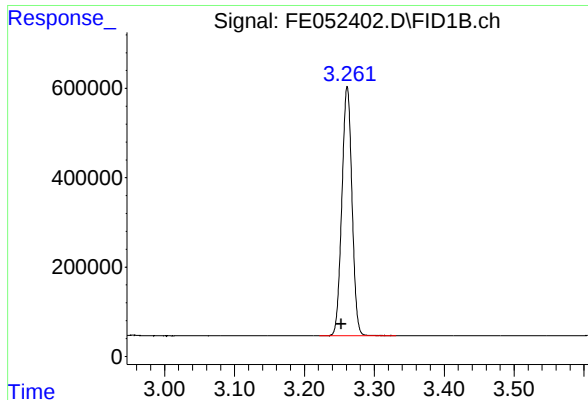
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Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: 0.008 min
Response: 5609139
Conc: 36.54 ug/ml

Instrument :

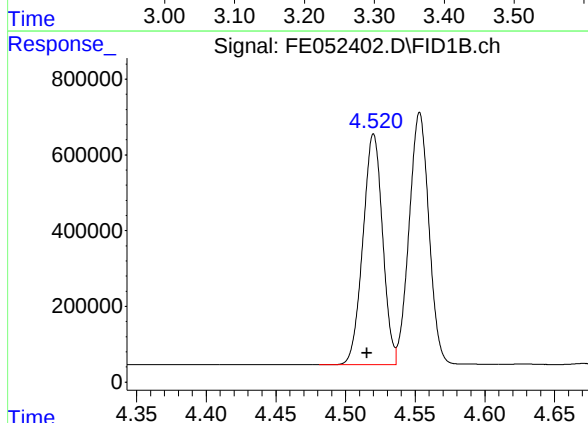
FID_E

ClientSampleId :

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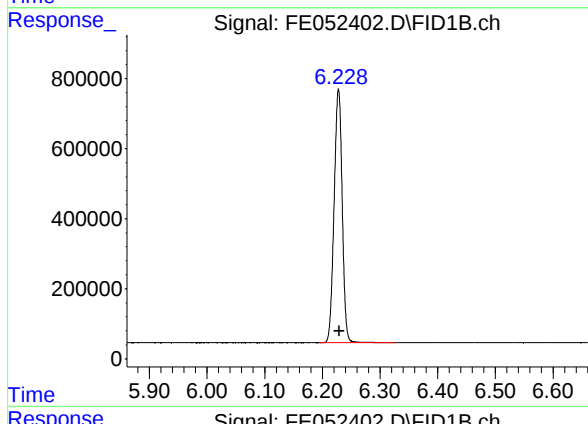
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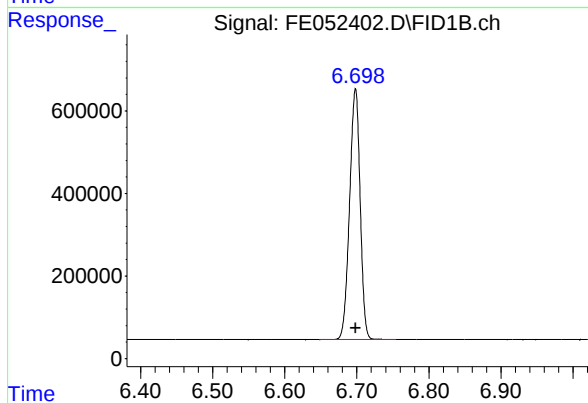
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 5979637
Conc: 38.28 ug/ml



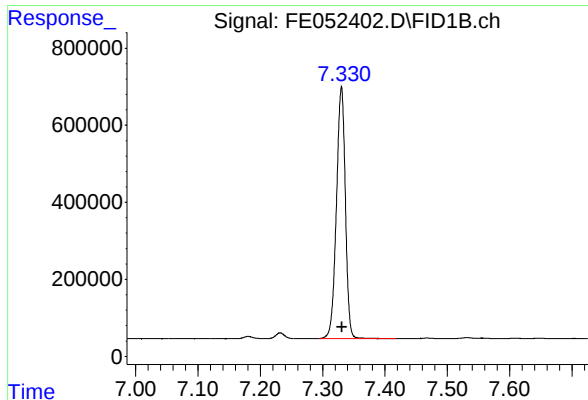
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 7082145
Conc: 40.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 6188354
Conc: 39.21 ug/ml



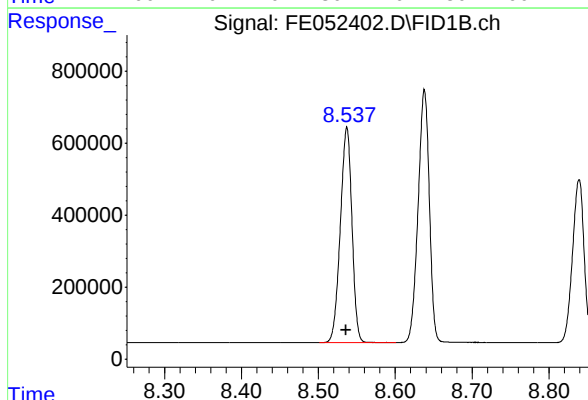
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 6532414
Conc: 38.90 ug/ml

Instrument :
FID_E
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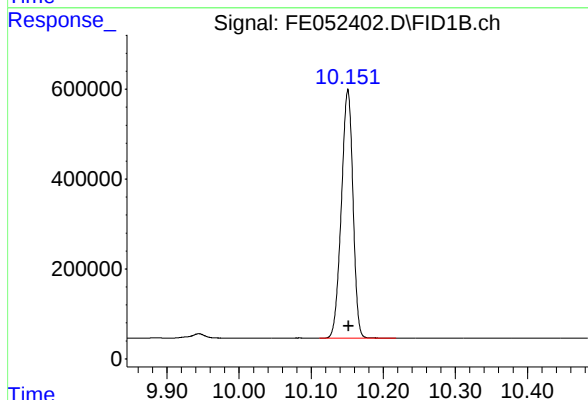
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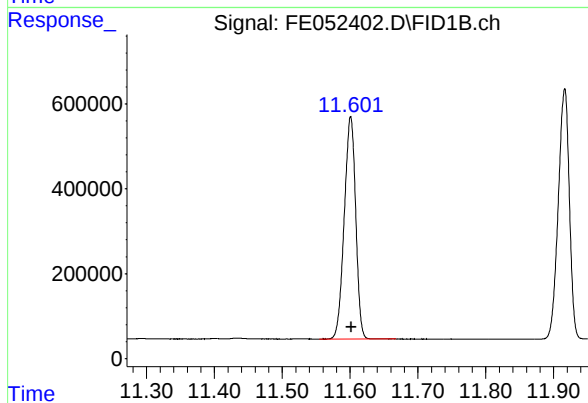
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 6260485
Conc: 39.75 ug/ml



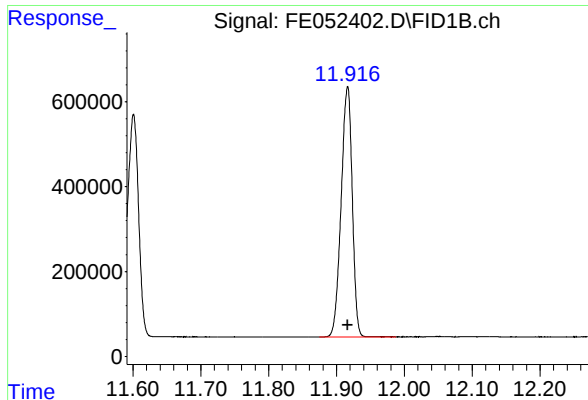
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 6198558
Conc: 37.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.001 min
Response: 6144668
Conc: 37.14 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 6704229
Conc: 35.86 ug/ml

Instrument :

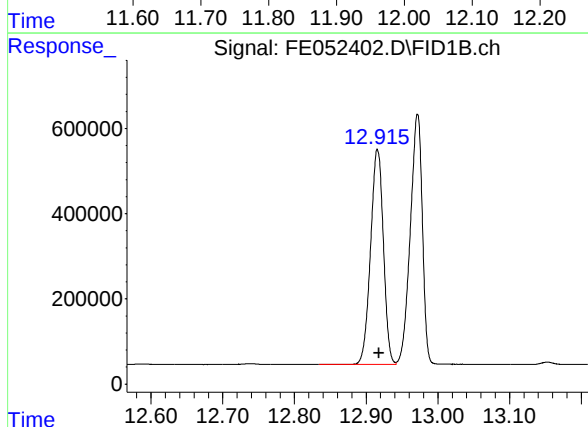
FID_E

ClientSampleId :

PB166773BS

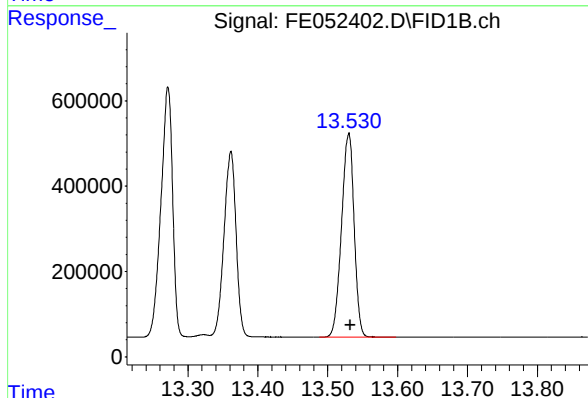
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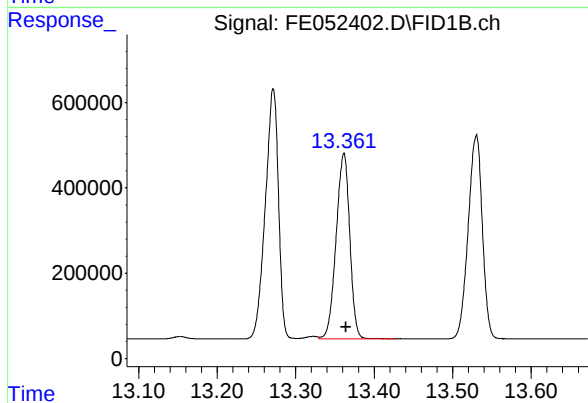
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 6259091
Conc: 39.26 ug/ml



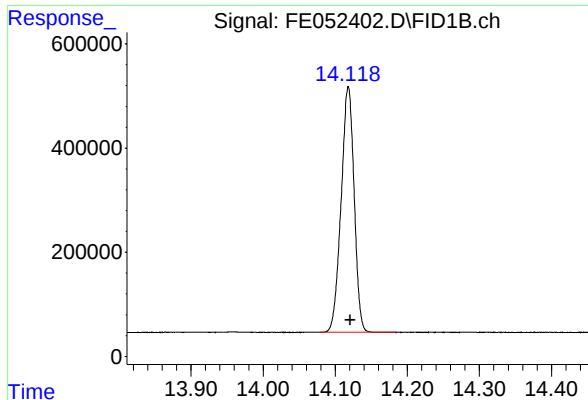
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.002 min
Response: 5976918
Conc: 38.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 5237197
Conc: 37.68 ug/ml



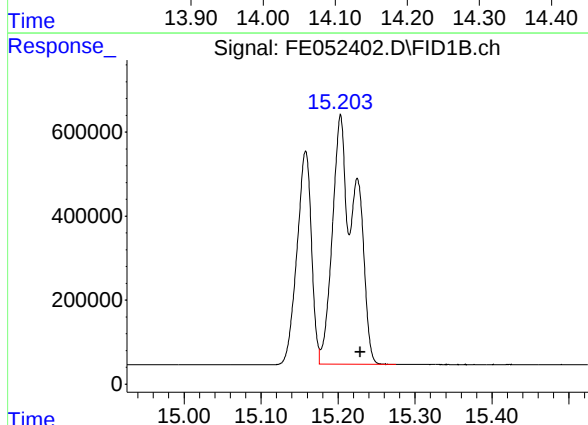
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 5921201
Conc: 37.84 ug/ml

Instrument :
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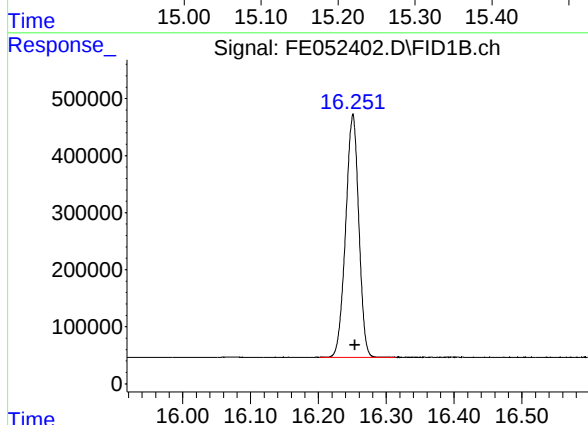
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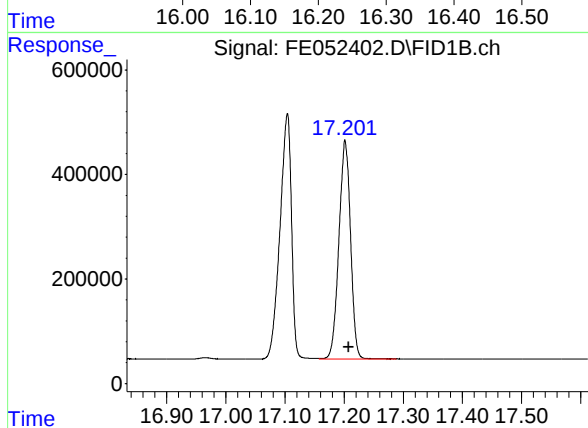
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.026 min
Response: 12436085
Conc: 79.07 ug/ml m



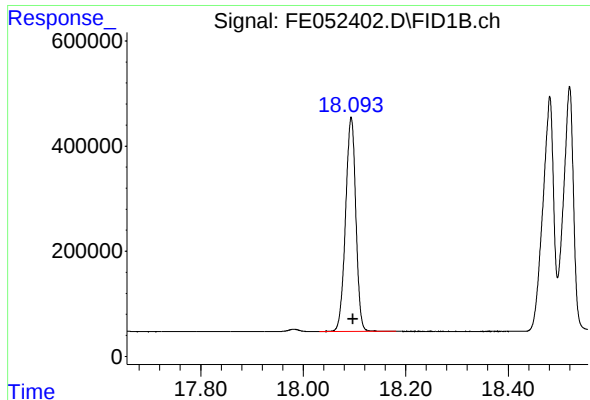
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 5718283
Conc: 36.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.006 min
Response: 5712346
Conc: 37.34 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.004 min
Response: 5666898
Conc: 36.30 ug/ml

Instrument :

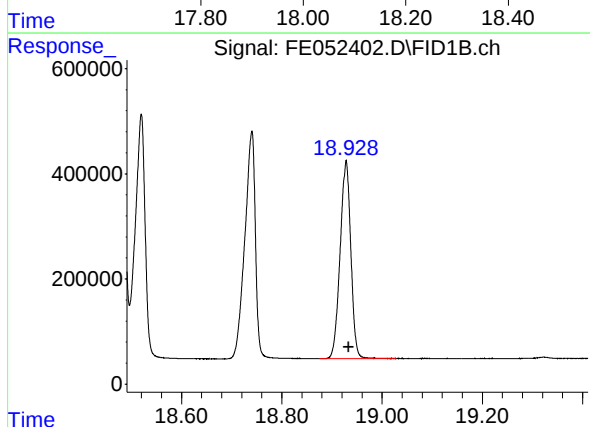
FID_E

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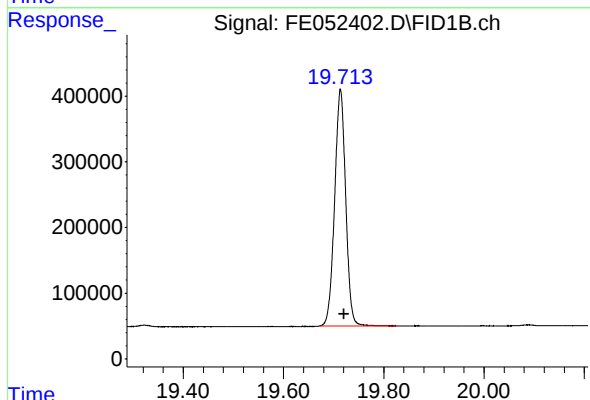
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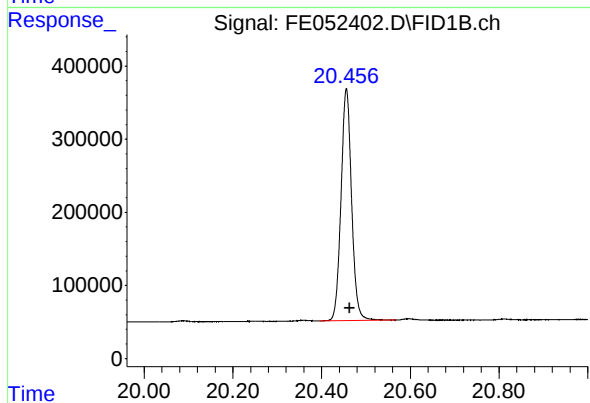
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 5573746
Conc: 36.43 ug/ml



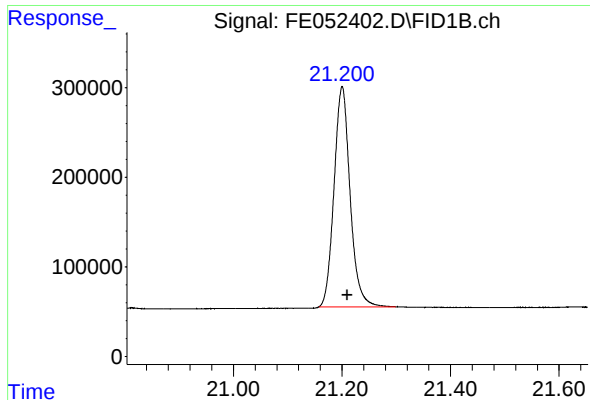
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.007 min
Response: 5514525
Conc: 38.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.008 min
Response: 5236719
Conc: 42.02 ug/ml



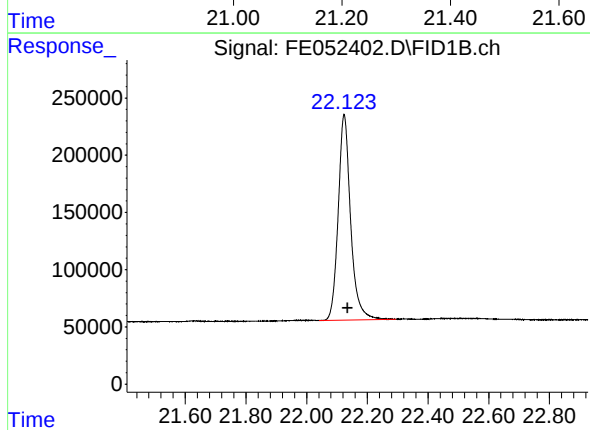
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.009 min
Response: 5046079
Conc: 46.17 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.012 min
Response: 5104543
Conc: 50.75 ug/ml