

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
 Data File : FE051621.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2024 13:46
 Operator : YP\AJ
 Sample : PB165545BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165545BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 00:34:27 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M

Quant Title : GC Extractables

QLast Update : Mon Dec 02 14:18:35 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)	11.828	6549565	43.341 ug/ml
Spiked Amount 50.000		Recovery =	86.68%
12) S 1-chlorooctadecane (S...	13.261	5881242	52.627 ug/ml
Spiked Amount 50.000		Recovery =	105.25%
Target Compounds			
1) T n-Nonane (C9)	3.228	6952296	49.606 ug/ml
2) T n-Decane (C10)	4.471	7297418	51.460 ug/ml
3) T A~Naphthalene (C11.7)	6.179	7559682	57.187 ug/ml
4) T n-Dodecane (C12)	6.634	7545164	53.007 ug/ml
5) T A~2-methylnaphthalene...	7.274	6863961	57.216 ug/ml
6) T n-Tetradecane (C14)	8.461	7585453	54.415 ug/ml
7) T n-Hexadecane (C16)	10.065	7441444	52.374 ug/ml
8) T n-Octadecane (C18)	11.507	7459094	51.904 ug/ml
10) T n-Eicosane (C20)	12.815	7497789	54.315 ug/ml
11) T n-Heneicosane (C21)	13.426	7240997	53.420 ug/ml
13) T n-Docosane (C22)	14.012	7148389	53.386 ug/ml
14) T n-Tetracosane (C24)	15.116	13364383	101.142 ug/mlm
15) T n-Hexacosane (C26)	16.134	6986810	53.878 ug/ml
16) T n-Octacosane (C28)	17.082	8048325	63.127 ug/ml
17) T n-Tricontane (C30)	17.969	7023946	54.247 ug/ml
18) T n-Dotriacontane (C32)	18.799	7300727	58.318 ug/mlm
19) T n-Tetratriacontane (C34)	19.583	7016607	62.127 ug/ml
20) T n-Hexatriacontane (C36)	20.324	7036658	73.065 ug/ml
21) T n-Octatriacontane (C38)	21.044	7338402	80.601 ug/ml
22) T n-Tetracontane (C40)	21.919	7627521	87.036 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165545BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

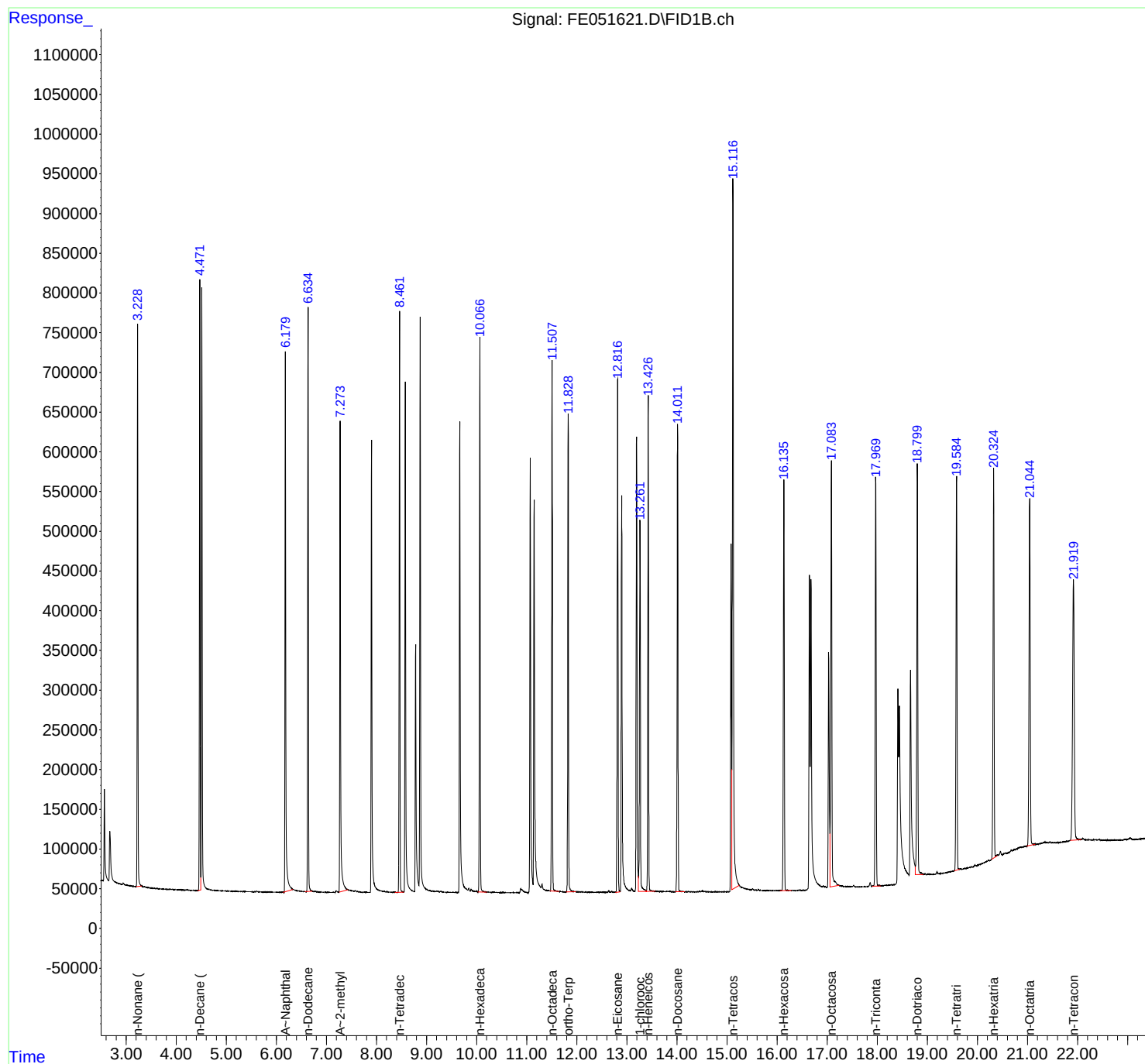
Instrument :
FID_E
ClientSampleId :
PB165545BS

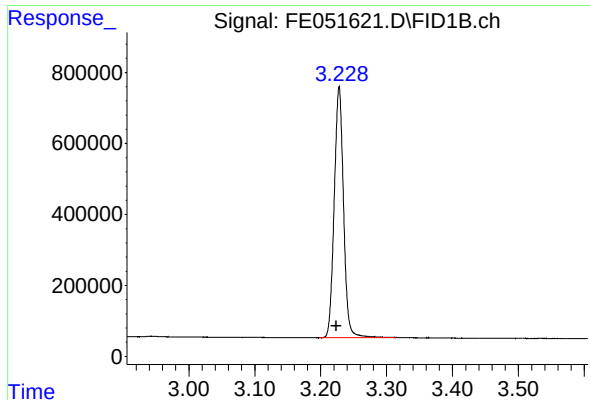
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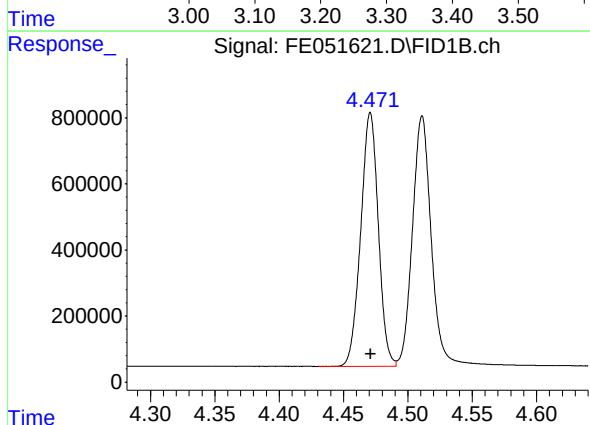
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: 0.004 min
Response: 6952296
Conc: 49.61 ug/ml

Instrument :
FID_E
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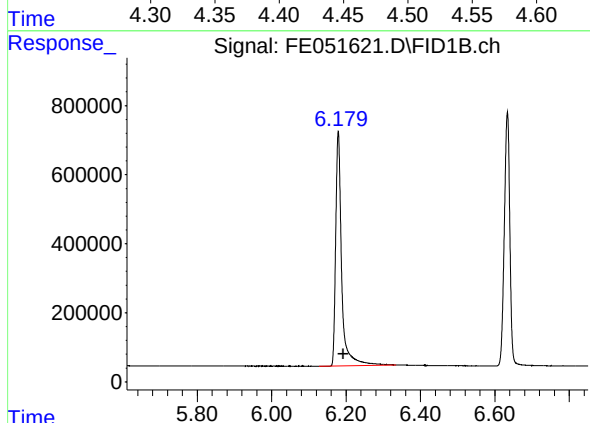
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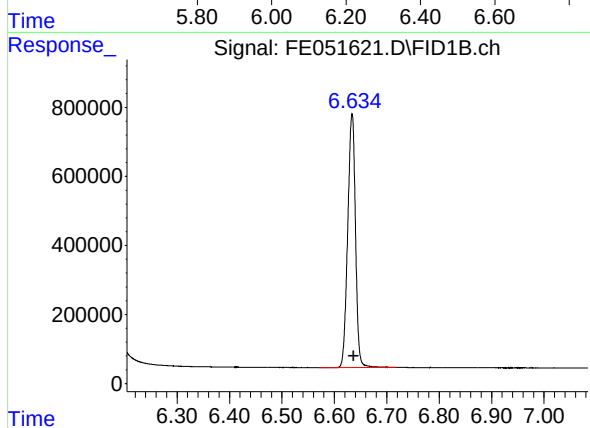
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 7297418
Conc: 51.46 ug/ml



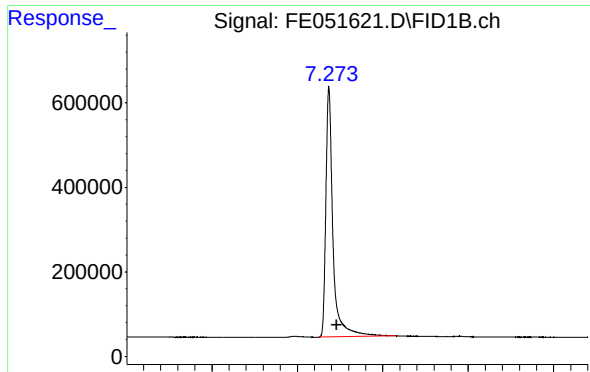
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.013 min
Response: 7559682
Conc: 57.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 7545164
Conc: 53.01 ug/ml



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

R.T.: 7.274 min
Delta R.T.: -0.018 min
Response: 6863961
Conc: 57.22 ug/ml

Instrument :

FID_E

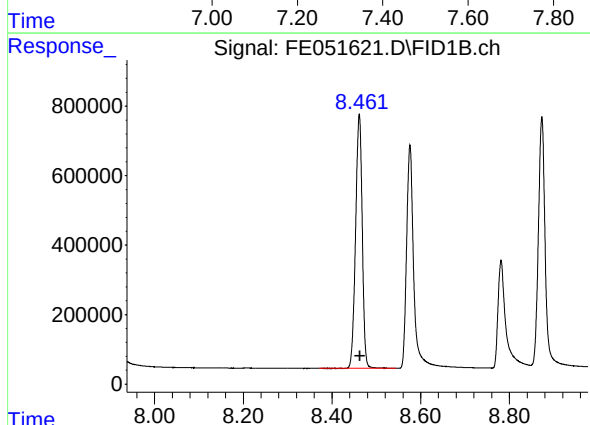
ClientSampleId :

PB165545BS

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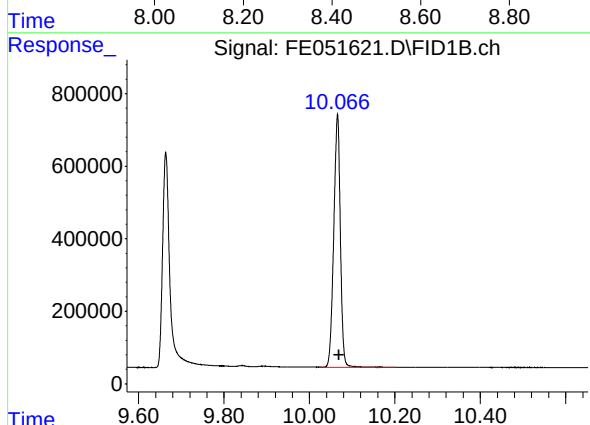
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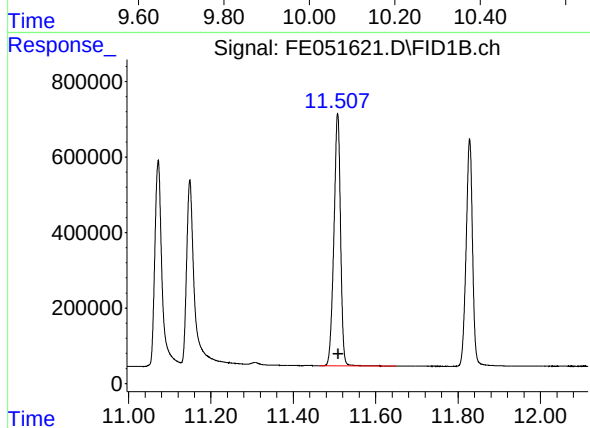
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 7585453
Conc: 54.42 ug/ml



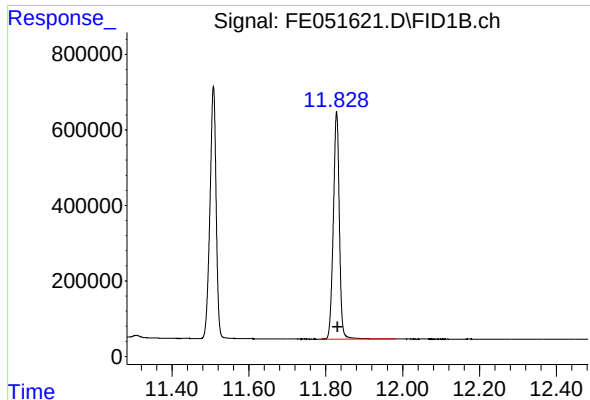
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.004 min
Response: 7441444
Conc: 52.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 7459094
Conc: 51.90 ug/ml



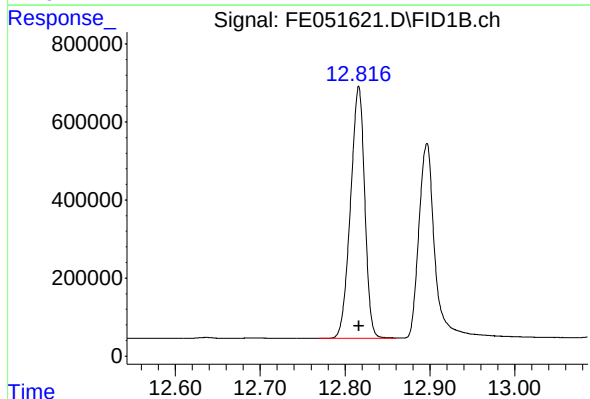
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.003 min
Response: 6549565
Conc: 43.34 ug/ml

Instrument :
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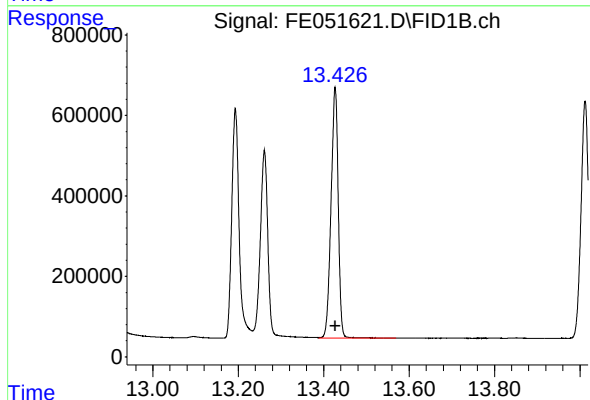
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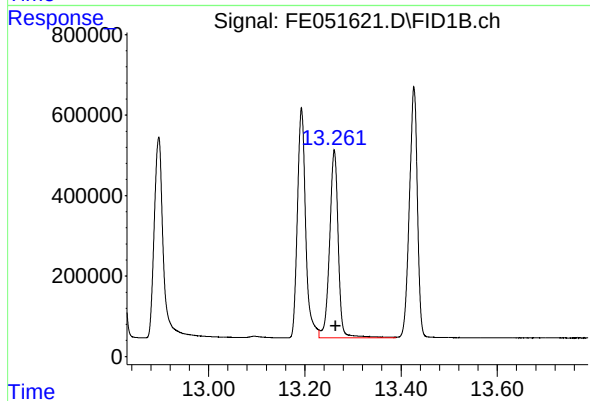
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 7497789
Conc: 54.32 ug/ml



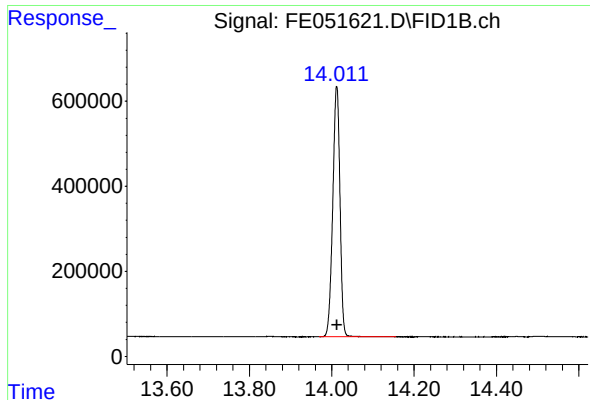
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.001 min
Response: 7240997
Conc: 53.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 5881242
Conc: 52.63 ug/ml



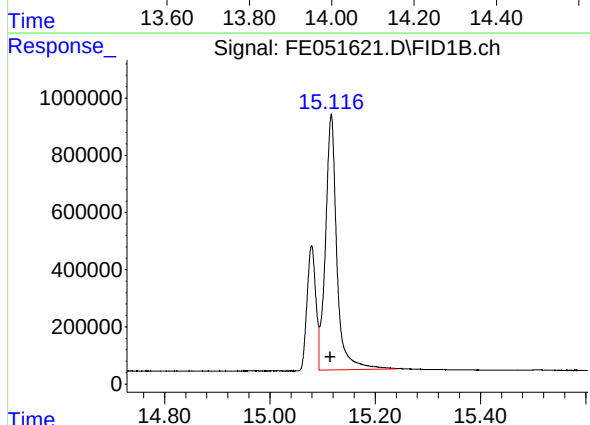
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.002 min
Response: 7148389
Conc: 53.39 ug/ml

Instrument :
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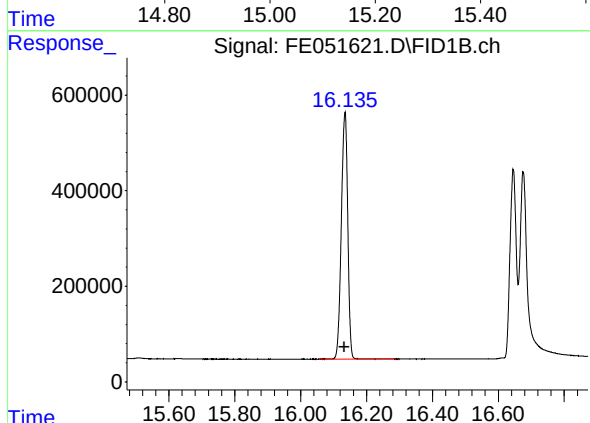
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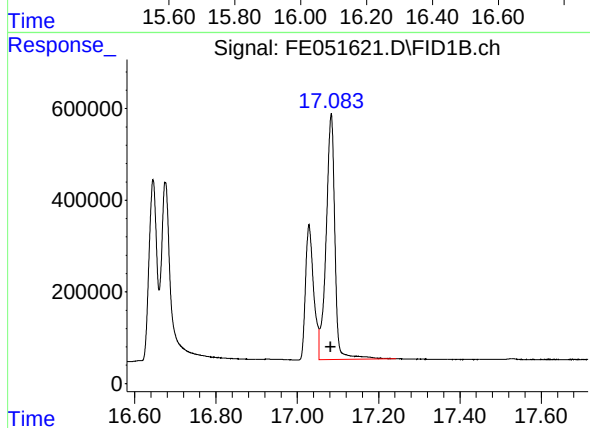
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: 0.002 min
Response: 13364383
Conc: 101.14 ug/ml m



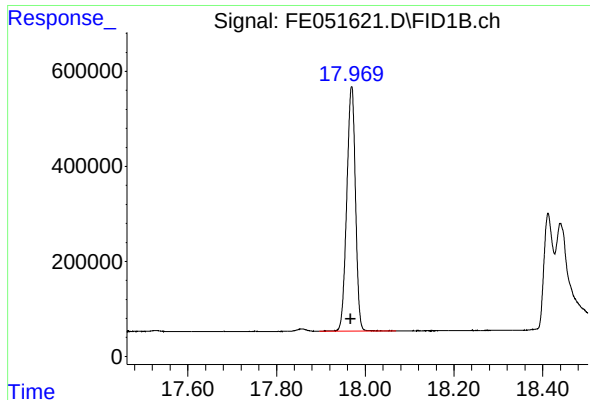
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 6986810
Conc: 53.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: 0.000 min
Response: 8048325
Conc: 63.13 ug/ml



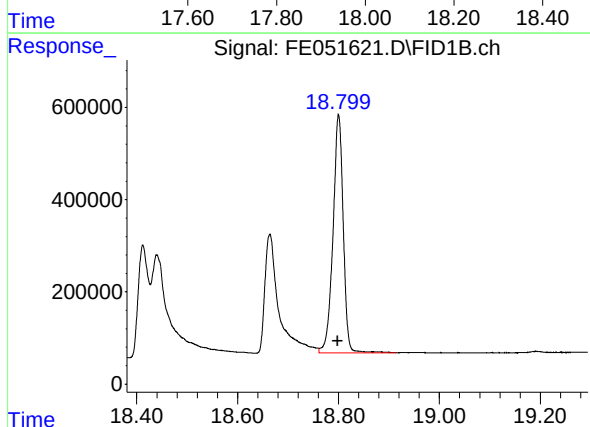
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: 0.001 min
Response: 7023946
Conc: 54.25 ug/ml

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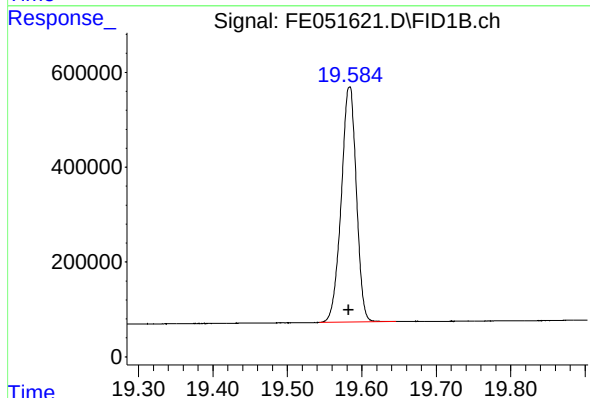
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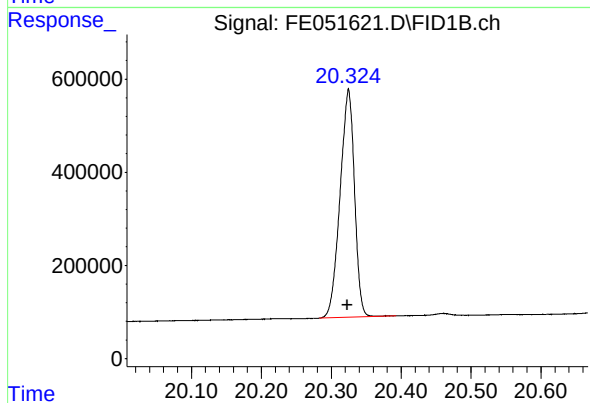
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: 0.000 min
Response: 7300727
Conc: 58.32 ug/ml



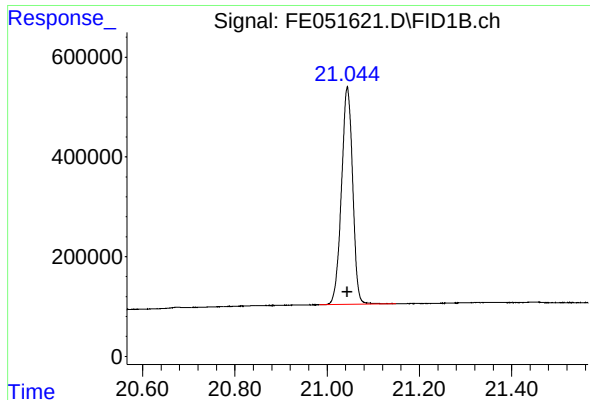
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: 0.001 min
Response: 7016607
Conc: 62.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.324 min
Delta R.T.: 0.000 min
Response: 7036658
Conc: 73.07 ug/ml



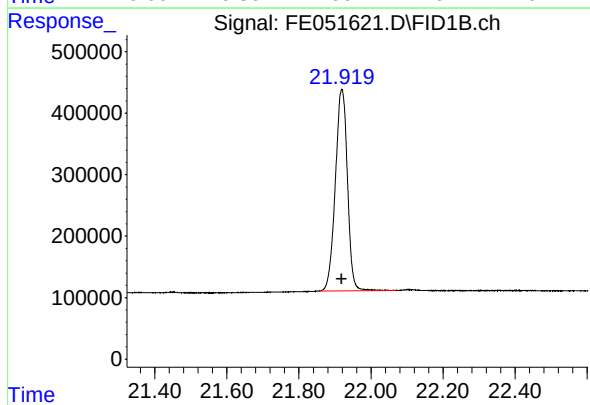
#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: 0.000 min
Response: 7338402
Conc: 80.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: 0.000 min
Response: 7627521
Conc: 87.04 ug/ml