

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
 Data File : FE050861.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2024 15:23
 Operator : YP\AJ
 Sample : P4567-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 03:46:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.859	4477681	28.402 ug/ml
Spiked Amount 50.000		Recovery =	56.80%
12) S 1-chlorooctadecane (S...	13.292	3829647	32.374 ug/ml
Spiked Amount 50.000		Recovery =	64.75%
Target Compounds			
1) T n-Nonane (C9)	3.251	6042654	42.768 ug/ml
2) T n-Decane (C10)	4.501	6881342	47.962 ug/ml
3) T A~Naphthalene (C11.7)	6.210	7914391	55.349 ug/ml
4) T n-Dodecane (C12)	6.667	7878657	54.738 ug/ml
5) T A~2-methylnaphthalene...	7.306	7801392	58.887 ug/ml
6) T n-Tetradecane (C14)	8.495	8608320	60.170 ug/ml
7) T n-Hexadecane (C16)	10.099	8781120	59.667 ug/ml
8) T n-Octadecane (C18)	11.541	8852413	59.265 ug/ml
10) T n-Eicosane (C20)	12.849	8873907	61.882 ug/ml
11) T n-Heneicosane (C21)	13.460	8491034	60.463 ug/ml
13) T n-Docosane (C22)	14.046	8492396	60.532 ug/ml
14) T n-Tetracosane (C24)	15.148	16984597	120.222 ug/ml
15) T n-Hexacosane (C26)	16.168	8356718	59.387 ug/mlm
16) T n-Octacosane (C28)	17.116	9666195	66.057 ug/ml
17) T n-Tricontane (C30)	18.003	8722996	54.861 ug/ml
18) T n-Dotriacontane (C32)	18.835	8835282	54.500 ug/ml
19) T n-Tetratriacontane (C34)	19.618	9285113	63.211 ug/ml
20) T n-Hexatriacontane (C36)	20.358	9280828	73.185 ug/ml
21) T n-Octatriacontane (C38)	21.084	9289473	75.129 ug/ml
22) T n-Tetracontane (C40)	21.972	8597455	77.211 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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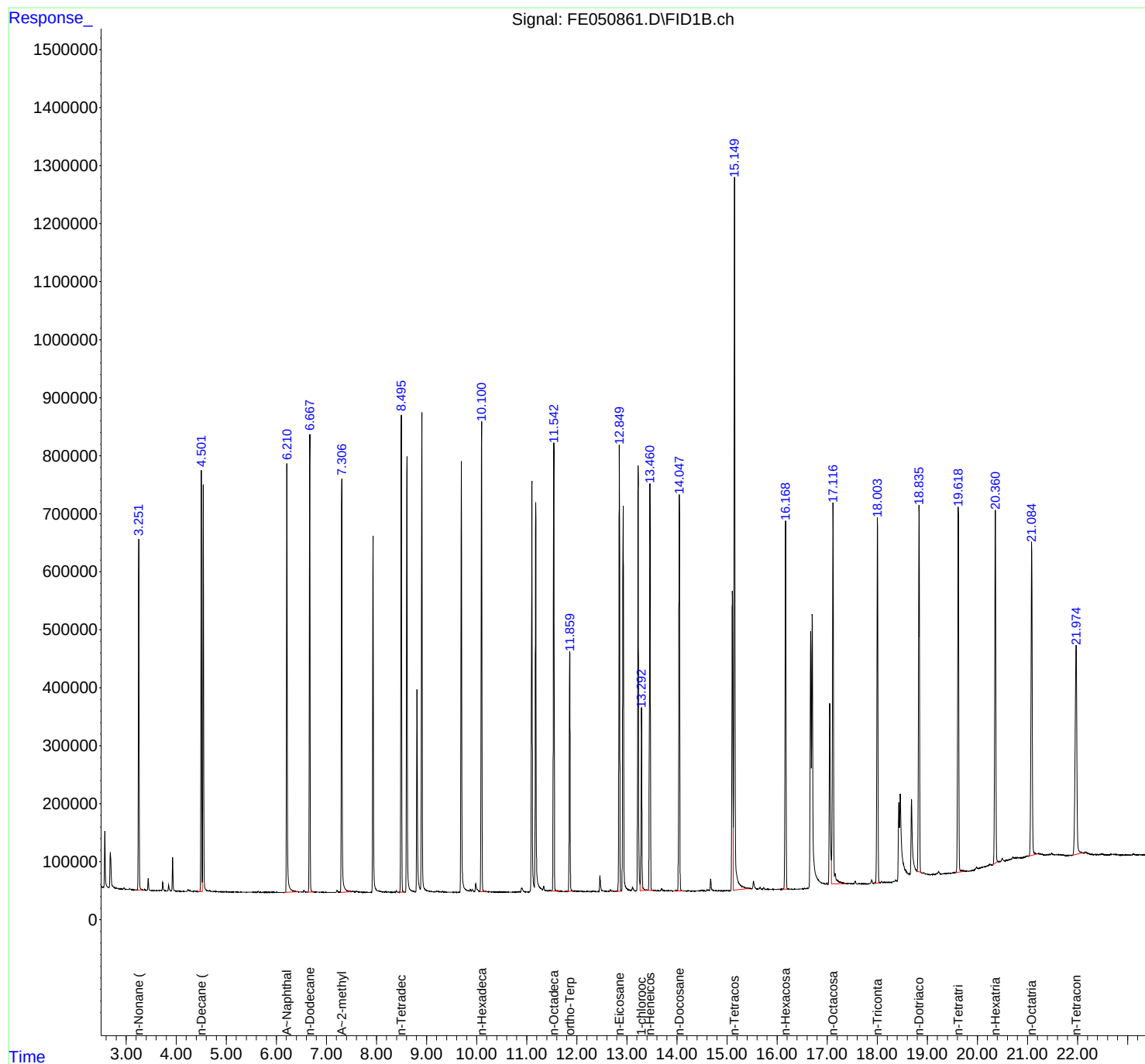
Instrument :
FID_E
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WC-1MS

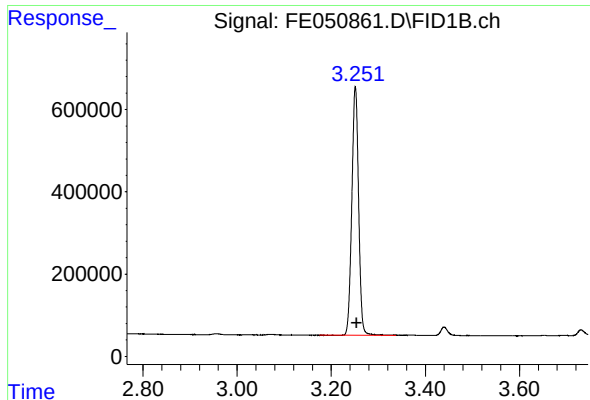
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QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 6042654
Conc: 42.77 ug/ml

Instrument :

FID_E

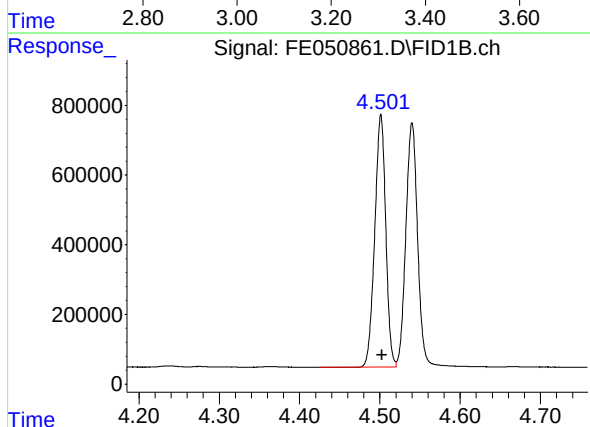
ClientSampleId :

WC-1MS

Manual Integrations

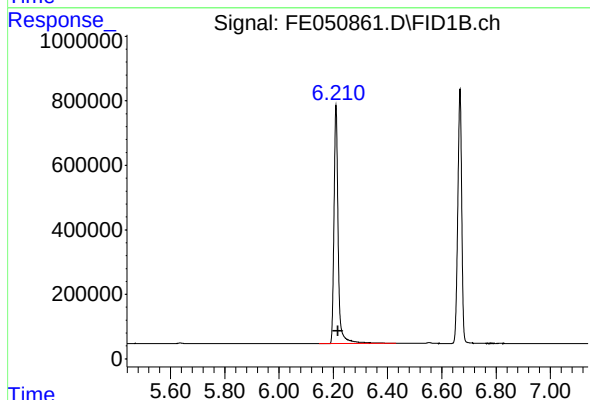
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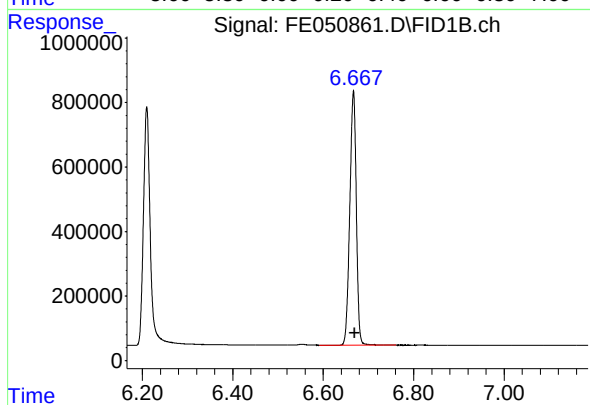
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 6881342
Conc: 47.96 ug/ml



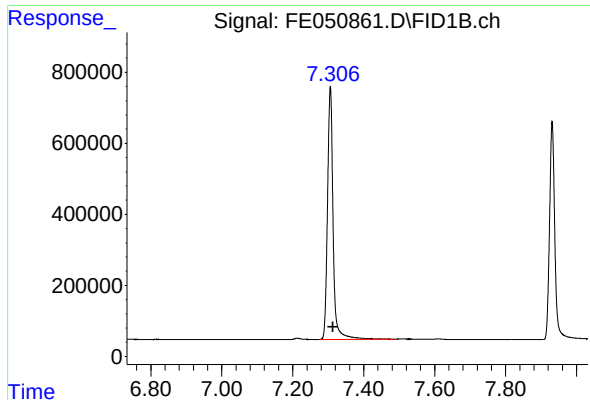
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 7914391
Conc: 55.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 7878657
Conc: 54.74 ug/ml



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

R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 7801392
Conc: 58.89 ug/ml

Instrument :

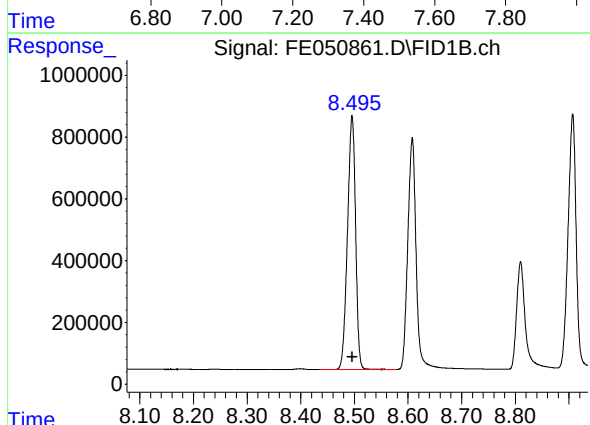
FID_E

ClientSampleId :

WC-1MS

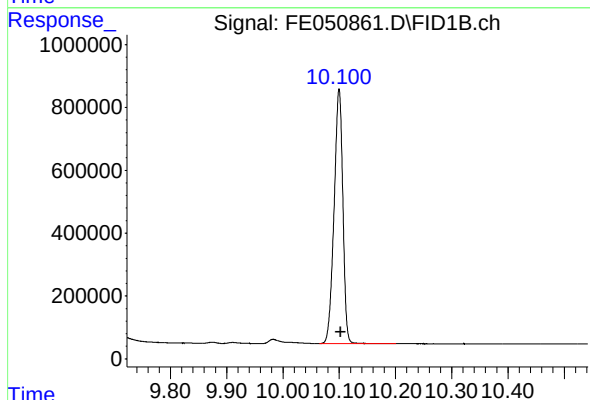
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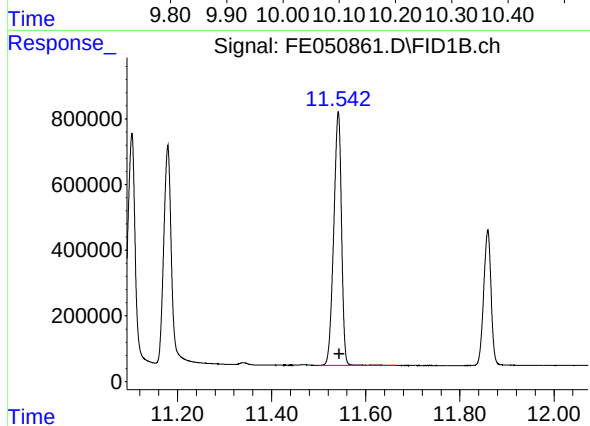
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 8608320
Conc: 60.17 ug/ml



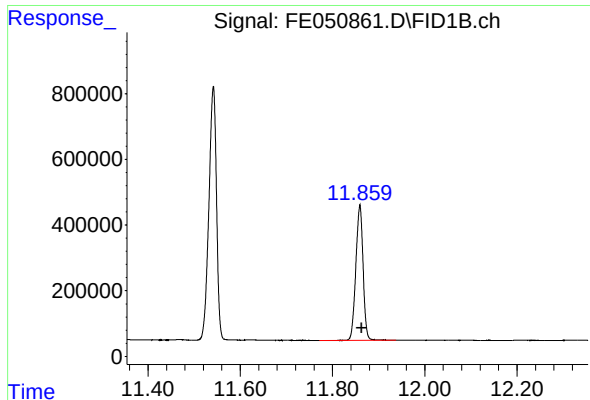
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 8781120
Conc: 59.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 8852413
Conc: 59.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 4477681
Conc: 28.40 ug/ml

Instrument :

FID_E

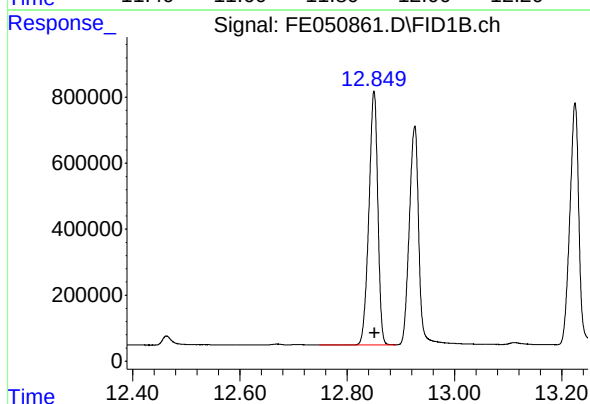
ClientSampleId :

WC-1MS

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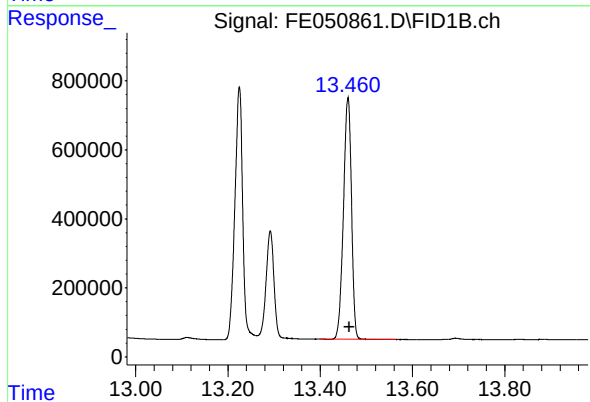
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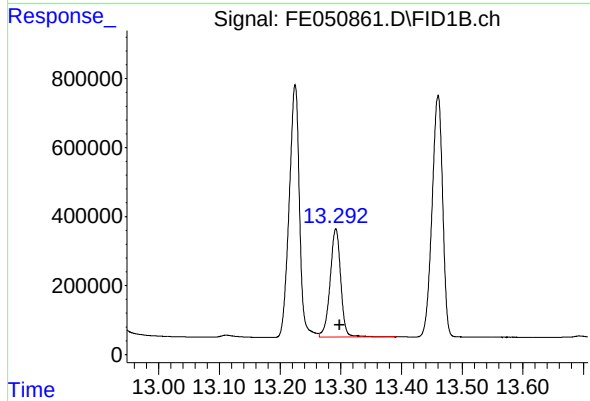
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.002 min
Response: 8873907
Conc: 61.88 ug/ml



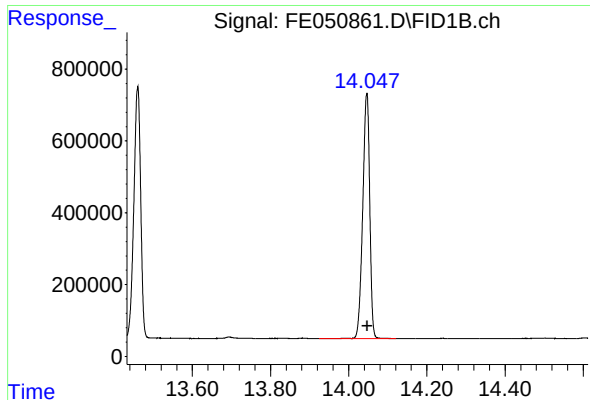
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.003 min
Response: 8491034
Conc: 60.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 3829647
Conc: 32.37 ug/ml



#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 8492396
Conc: 60.53 ug/ml

Instrument :

FID_E

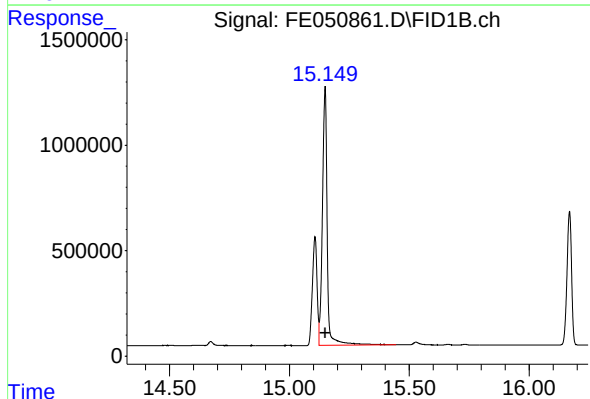
ClientSampleId :

WC-1MS

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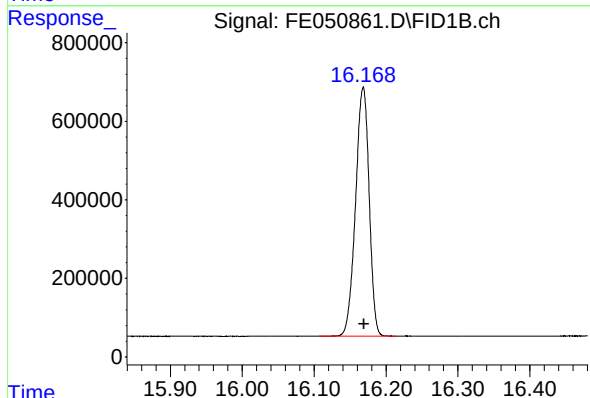
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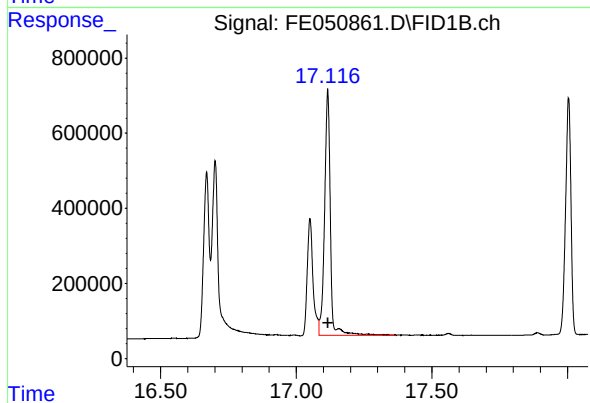
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 16984597
Conc: 120.22 ug/ml



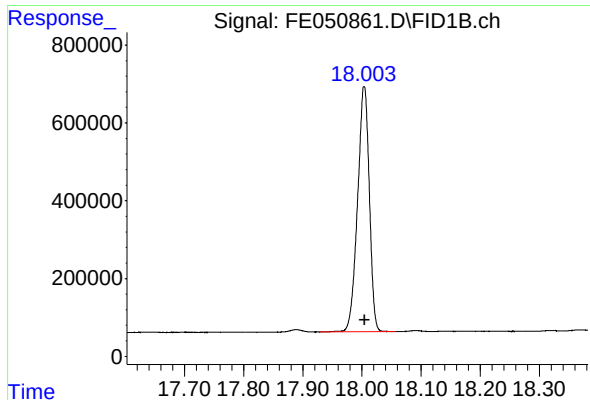
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.001 min
Response: 8356718
Conc: 59.39 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.002 min
Response: 9666195
Conc: 66.06 ug/ml



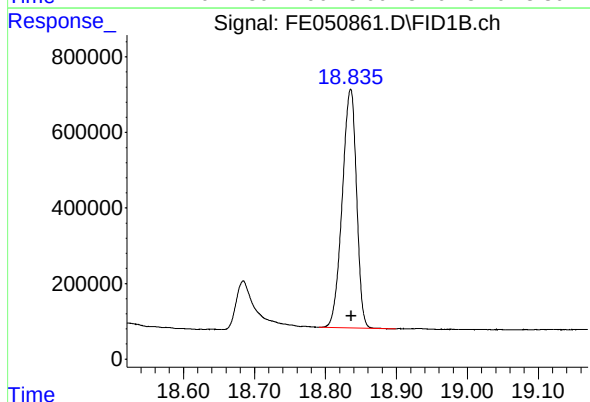
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 8722996
Conc: 54.86 ug/ml

Instrument :
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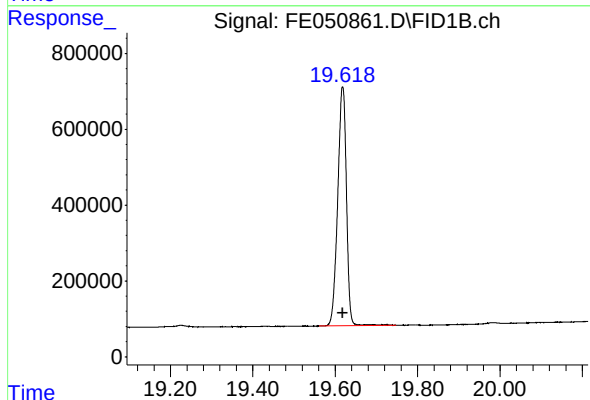
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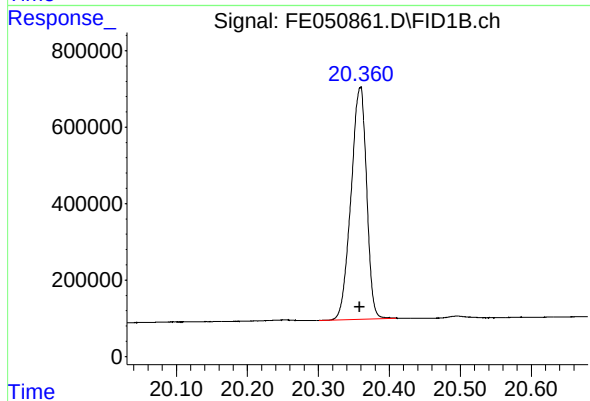
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 8835282
Conc: 54.50 ug/ml



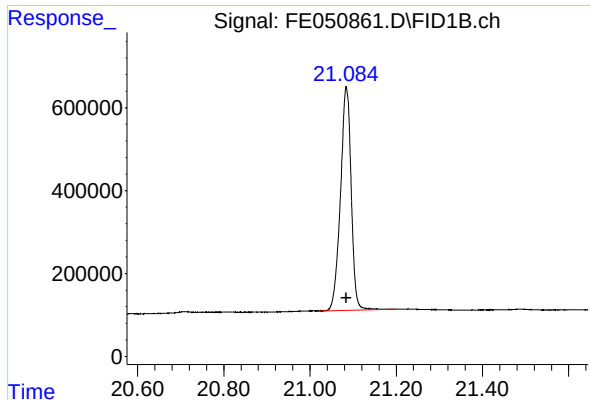
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.001 min
Response: 9285113
Conc: 63.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 9280828
Conc: 73.18 ug/ml



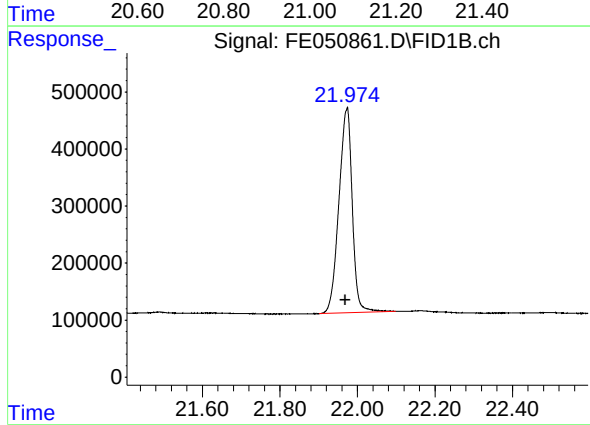
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 9289473
Conc: 75.13 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.003 min
Response: 8597455
Conc: 77.21 ug/ml