

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091224AL\
 Data File : FE050047.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2024 16:46
 Operator : YP\AJ
 Sample : PB163294BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163294BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2024

Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E

Quant Time: Sep 12 03:17:29 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)	11.876	5898206	39.644 ug/ml
Spiked Amount 50.000		Recovery =	79.29%
12) S 1-chlorooctadecane (S...	13.309	4921314	43.812 ug/ml
Spiked Amount 50.000		Recovery =	87.62%
Target Compounds			
1) T n-Nonane (C9)	3.271	5088041	37.537 ug/ml
2) T n-Decane (C10)	4.518	5432474	39.363 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5774039	41.252 ug/ml
4) T n-Dodecane (C12)	6.683	5564973	40.243 ug/ml
5) T A~2-methylnaphthalene...	7.319	5197922	39.546 ug/ml
6) T n-Tetradecane (C14)	8.511	5834005	42.843 ug/ml
7) T n-Hexadecane (C16)	10.116	5871410	42.270 ug/ml
8) T n-Octadecane (C18)	11.557	5846648	41.731 ug/ml
10) T n-Eicosane (C20)	12.865	5830568	43.465 ug/ml
11) T n-Heneicosane (C21)	13.475	5649822	42.998 ug/ml
13) T n-Docosane (C22)	14.061	5572836	42.796 ug/ml
14) T n-Tetracosane (C24)	15.159	10622163	81.340 ug/ml
15) T n-Hexacosane (C26)	16.184	5444667	42.557 ug/ml
16) T n-Octacosane (C28)	17.131	6087478	47.260 ug/ml
17) T n-Tricontane (C30)	18.018	5616140	41.999 ug/ml
18) T n-Dotriacontane (C32)	18.848	5636537	42.298 ug/ml
19) T n-Tetratriacontane (C34)	19.633	5790385	46.863 ug/ml
20) T n-Hexatriacontane (C36)	20.370	5700595	51.380 ug/mlm
21) T n-Octatriacontane (C38)	21.098	5596162	50.745 ug/ml
22) T n-Tetracontane (C40)	21.987	5119543	47.048 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091224AL\
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Operator : YP\AJ
Sample : PB163294BS
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Integration File: sample.E

Quant Time: Sep 12 03:17:29 2024

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

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

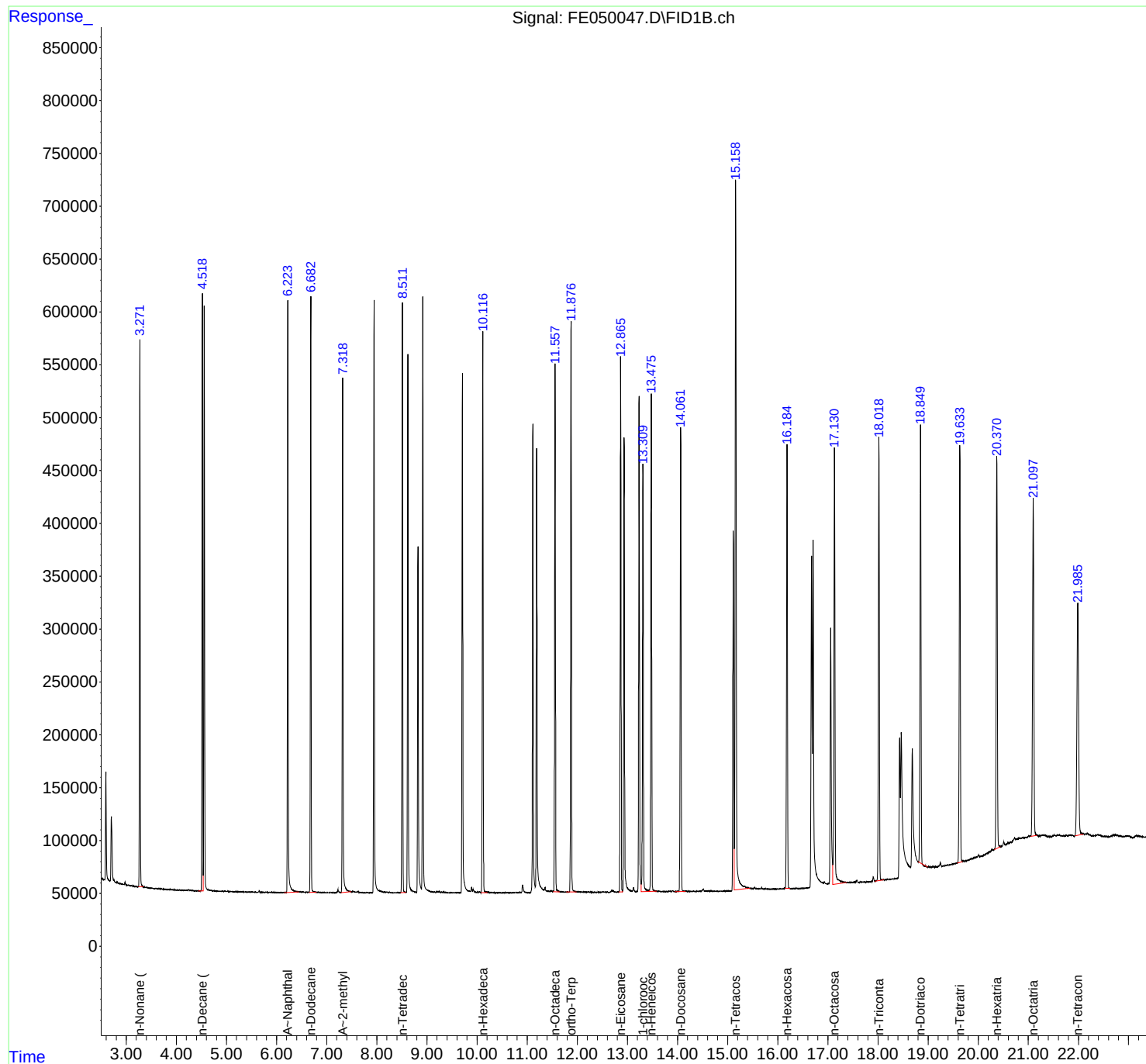
Response via : Initial Calibration

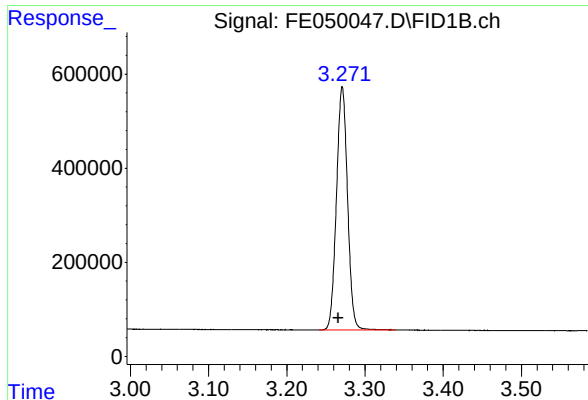
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





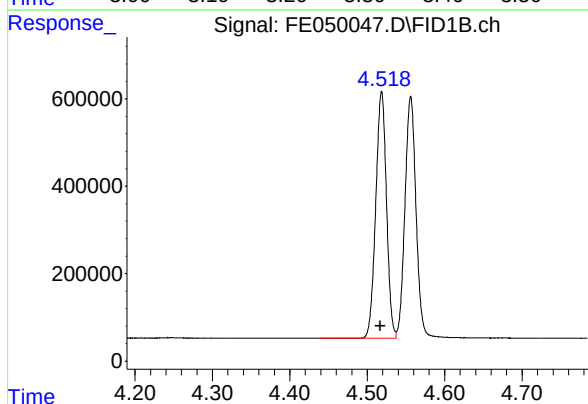
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: 0.005 min
Response: 5088041
Conc: 37.54 ug/ml

Instrument :
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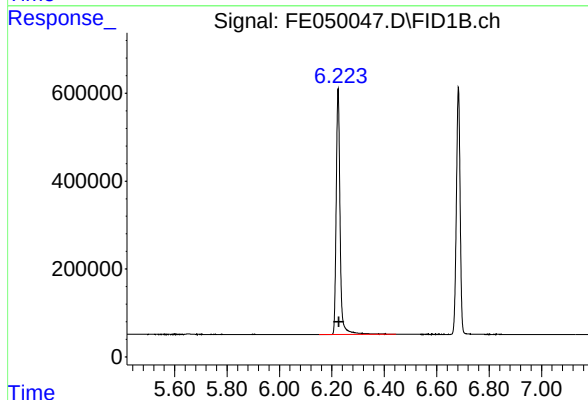
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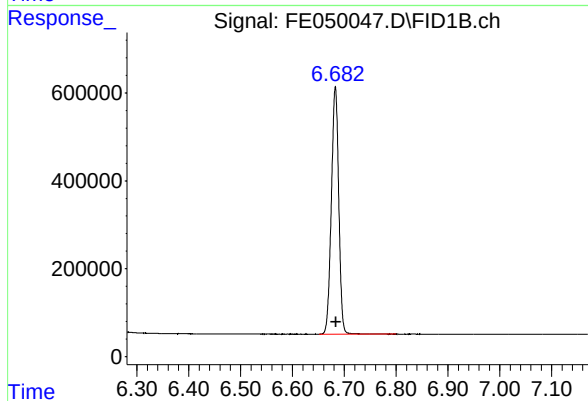
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 5432474
Conc: 39.36 ug/ml



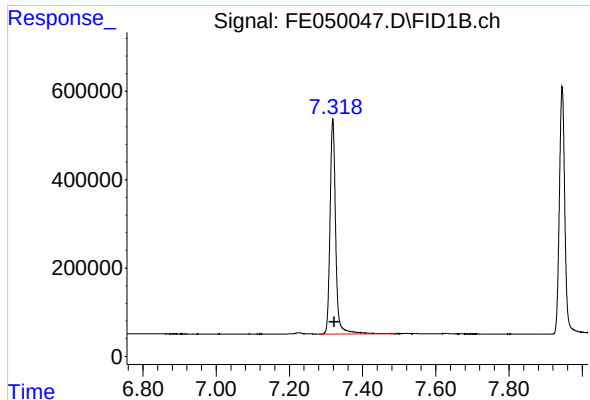
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5774039
Conc: 41.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 5564973
Conc: 40.24 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 5197922
Conc: 39.55 ug/ml

Instrument :

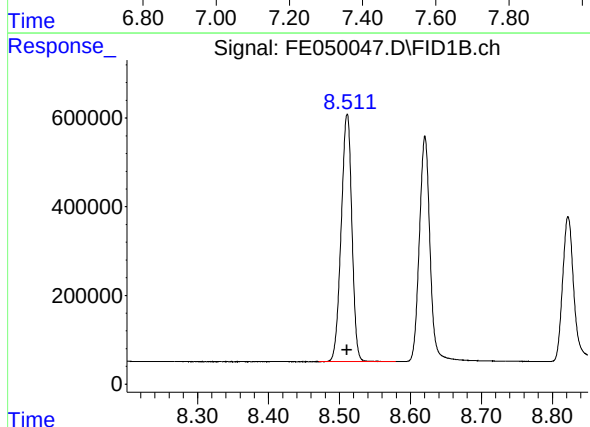
FID_E

ClientSampleId :

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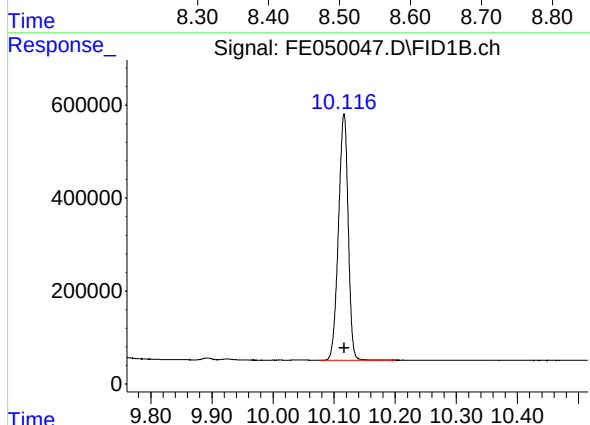
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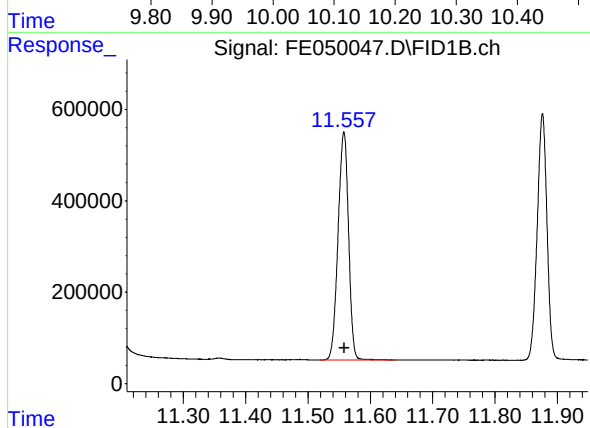
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 5834005
Conc: 42.84 ug/ml



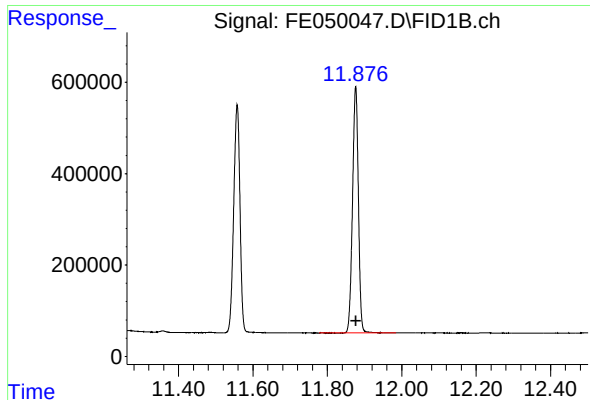
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 5871410
Conc: 42.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 5846648
Conc: 41.73 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 5898206
Conc: 39.64 ug/ml

Instrument :

FID_E

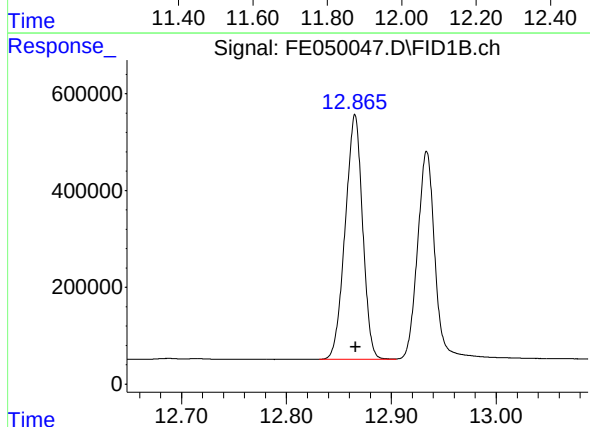
ClientSampleId :

PB163294BS

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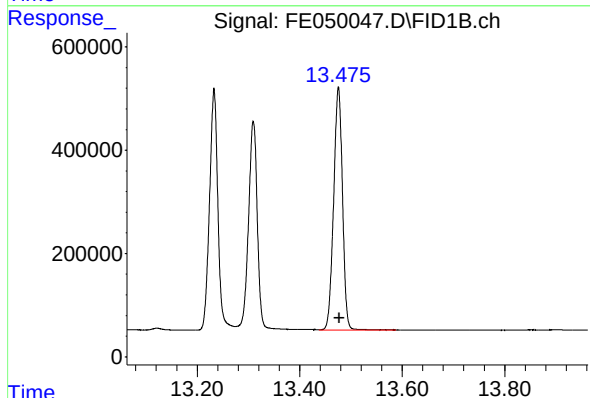
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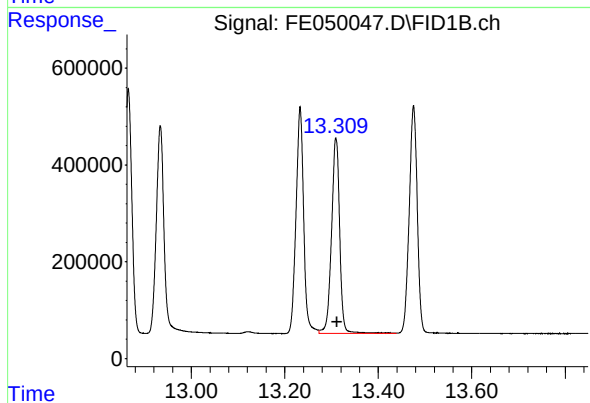
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.001 min
Response: 5830568
Conc: 43.46 ug/ml



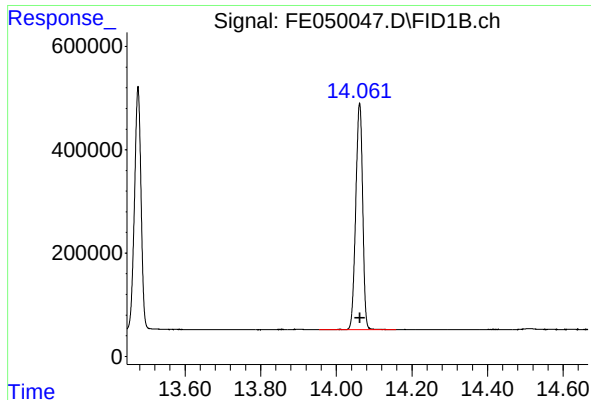
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.002 min
Response: 5649822
Conc: 43.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 4921314
Conc: 43.81 ug/ml



#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 5572836
Conc: 42.80 ug/ml

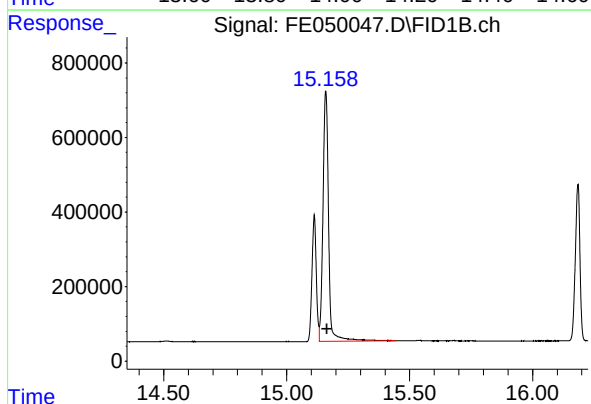
Instrument :

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ClientSampleId :
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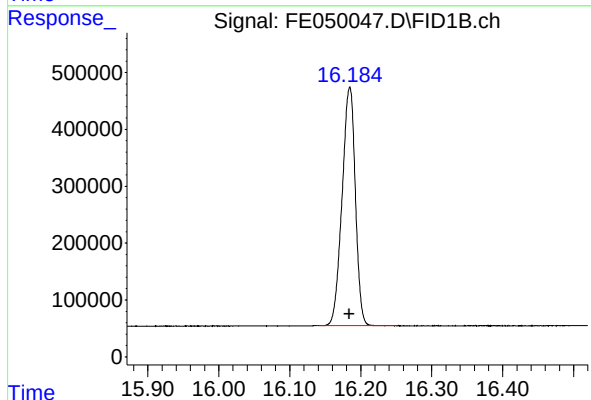
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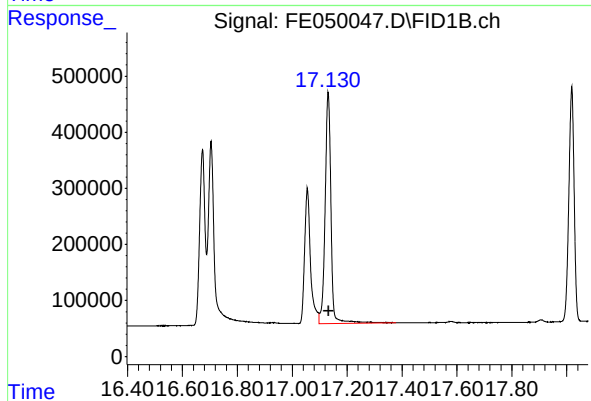
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.005 min
Response: 10622163
Conc: 81.34 ug/ml



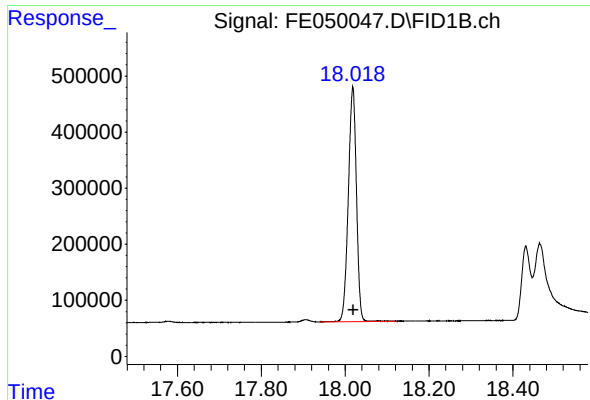
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 5444667
Conc: 42.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.002 min
Response: 6087478
Conc: 47.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.002 min
Response: 5616140
Conc: 42.00 ug/ml

Instrument :

FID_E

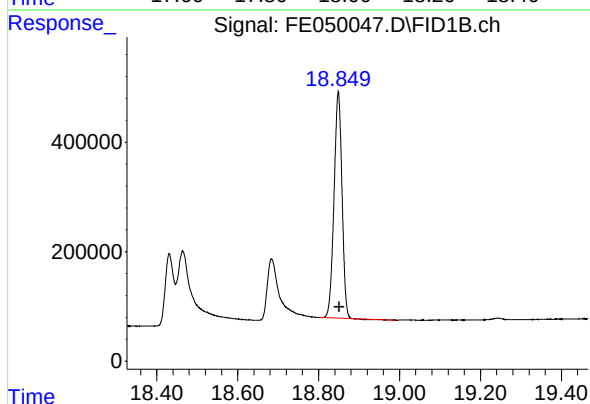
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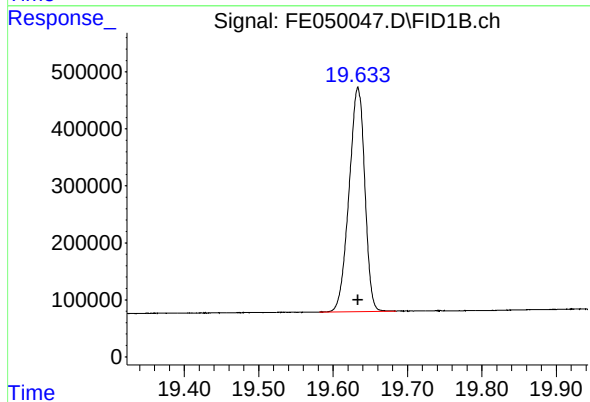
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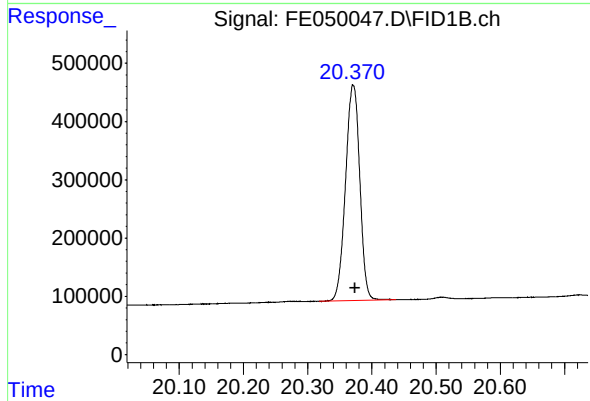
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 5636537
Conc: 42.30 ug/ml



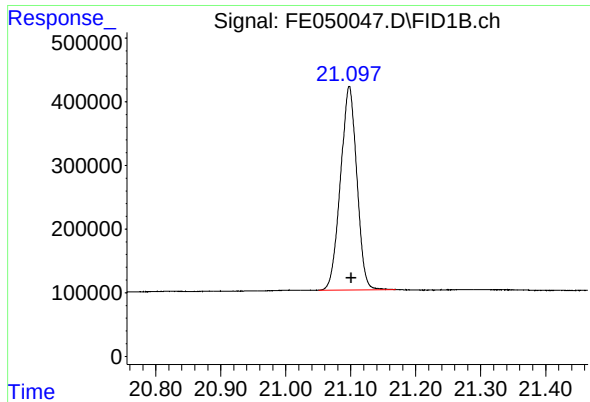
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.000 min
Response: 5790385
Conc: 46.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.004 min
Response: 5700595
Conc: 51.38 ug/ml m



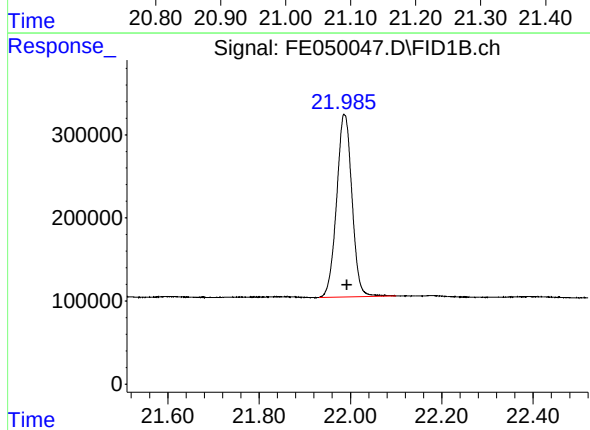
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.003 min
Response: 5596162
Conc: 50.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.005 min
Response: 5119543
Conc: 47.05 ug/ml