

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082324AL\
 Data File : FE049729.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2024 15:33
 Operator : YP\AJ
 Sample : PB162938BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162938BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/26/2024

Supervised By :Ankita Jodhani 08/26/2024

Integration File: autoint1.e

Quant Time: Aug 24 01:17:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.886	6689705	41.368 ug/ml
Spiked Amount 50.000		Recovery =	82.74%
12) S 1-chlorooctadecane (S...	13.319	5203178	42.647 ug/ml
Spiked Amount 50.000		Recovery =	85.29%
Target Compounds			
1) T n-Nonane (C9)	3.282	6224217	40.220 ug/ml
2) T n-Decane (C10)	4.529	6556096	41.523 ug/ml
3) T A~Naphthalene (C11.7)	6.232	6764949	42.161 ug/ml
4) T n-Dodecane (C12)	6.693	6747419	42.920 ug/ml
5) T A~2-methylnaphthalene...	7.328	6487736	43.323 ug/ml
6) T n-Tetradecane (C14)	8.521	6732696	43.611 ug/ml
7) T n-Hexadecane (C16)	10.126	6616450	42.364 ug/ml
8) T n-Octadecane (C18)	11.567	6681918	42.546 ug/ml
10) T n-Eicosane (C20)	12.876	6686452	44.783 ug/ml
11) T n-Heneicosane (C21)	13.485	6503112	44.330 ug/ml
13) T n-Docosane (C22)	14.071	6407700	43.963 ug/ml
14) T n-Tetracosane (C24)	15.168	11730839	80.643 ug/ml
15) T n-Hexacosane (C26)	16.193	6286583	43.559 ug/ml
16) T n-Octacosane (C28)	17.141	6879863	47.764 ug/ml
17) T n-Tricontane (C30)	18.028	6424370	42.914 ug/ml
18) T n-Dotriacontane (C32)	18.859	6514667	43.063 ug/mlm
19) T n-Tetratriacontane (C34)	19.643	6671909	43.641 ug/ml
20) T n-Hexatriacontane (C36)	20.383	6685852	44.028 ug/ml
21) T n-Octatriacontane (C38)	21.110	6901270	43.970 ug/ml
22) T n-Tetracontane (C40)	22.003	6843863	44.825 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162938BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

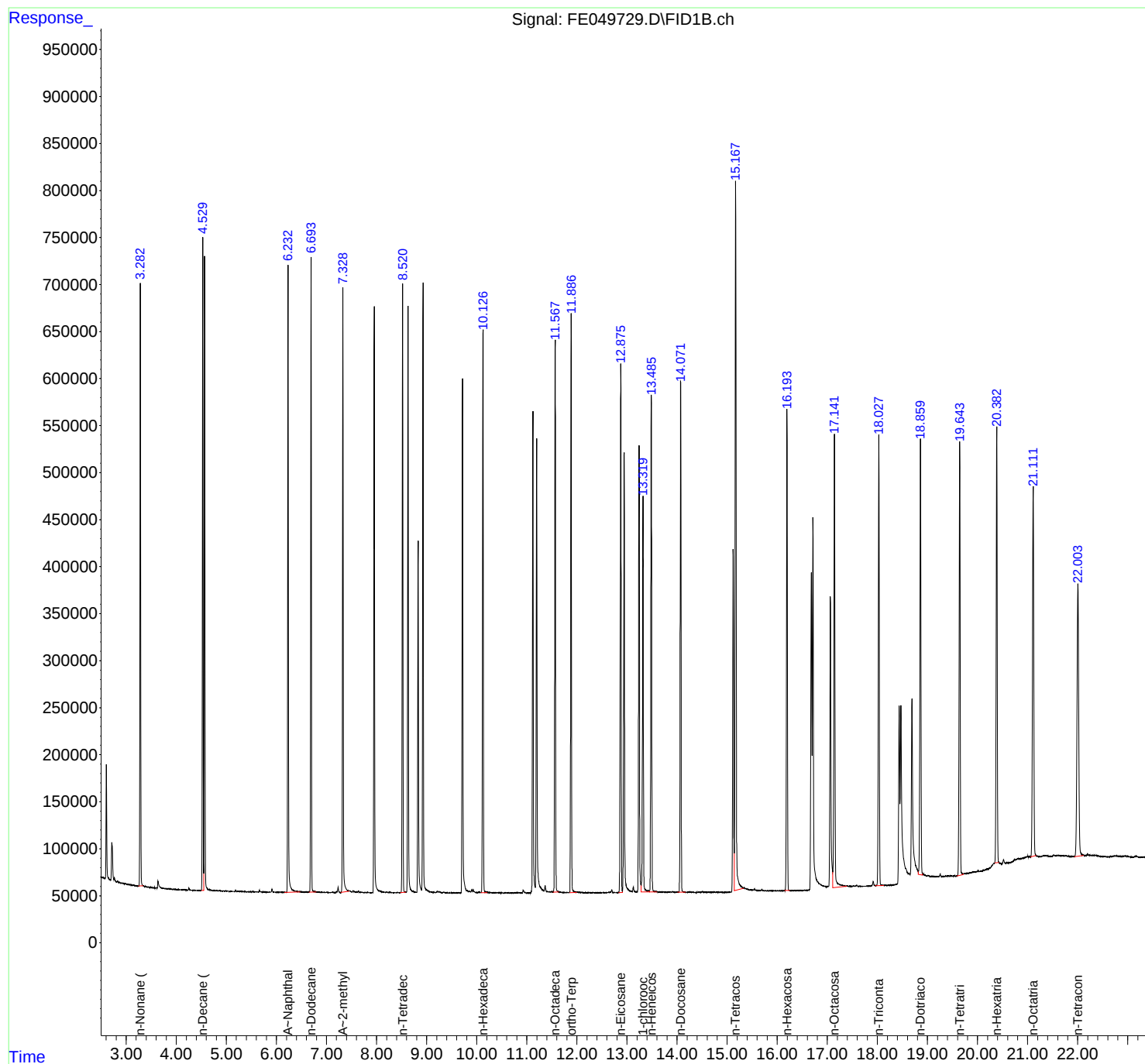
Instrument :
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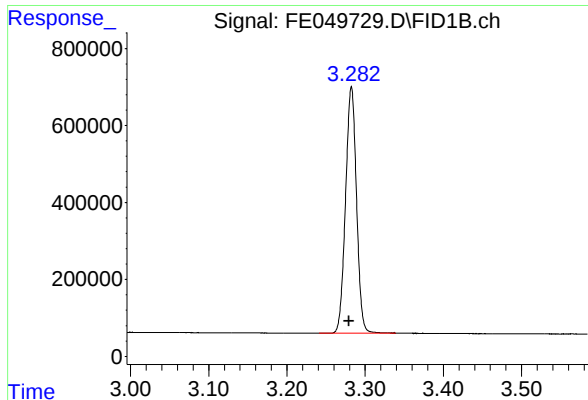
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Quant Title : GC Extractables
QLast Update : Wed Aug 14 11:05:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.003 min
Response: 6224217
Conc: 40.22 ug/ml

Instrument :

FID_E

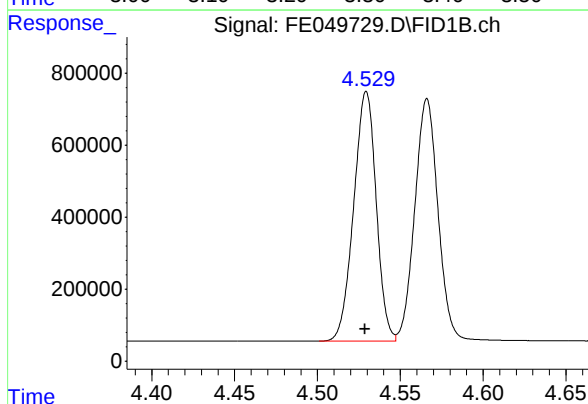
ClientSampleId :

PB162938BSD

Manual Integrations

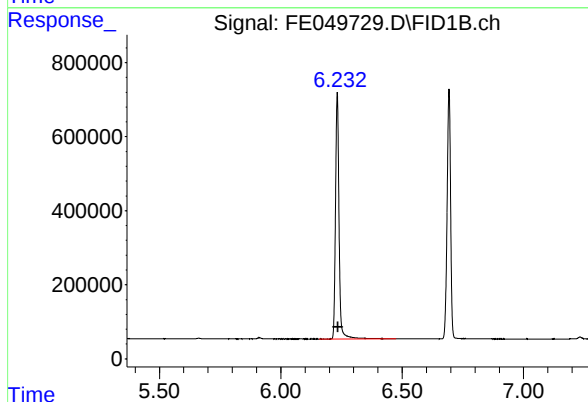
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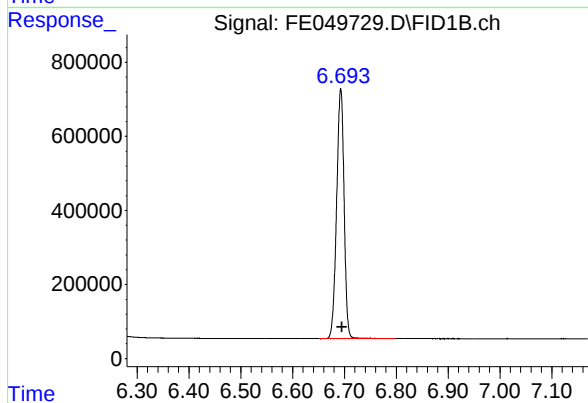
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 6556096
Conc: 41.52 ug/ml



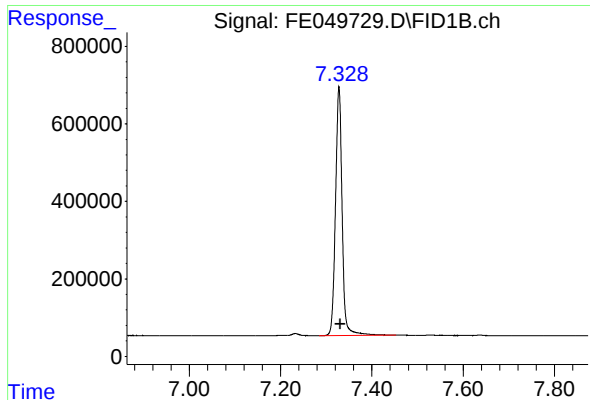
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 6764949
Conc: 42.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 6747419
Conc: 42.92 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 6487736
Conc: 43.32 ug/ml

Instrument :

FID_E

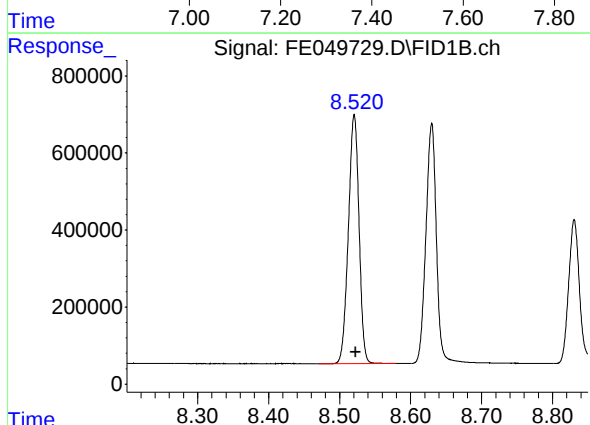
ClientSampleId :

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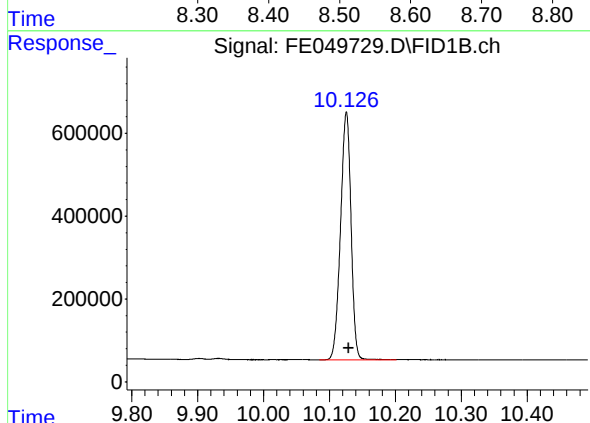
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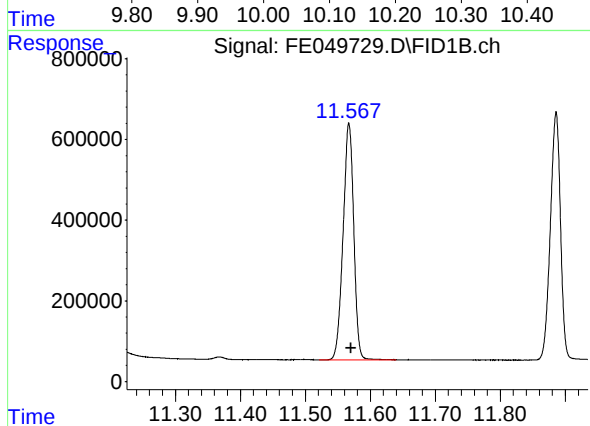
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.002 min
Response: 6732696
Conc: 43.61 ug/ml



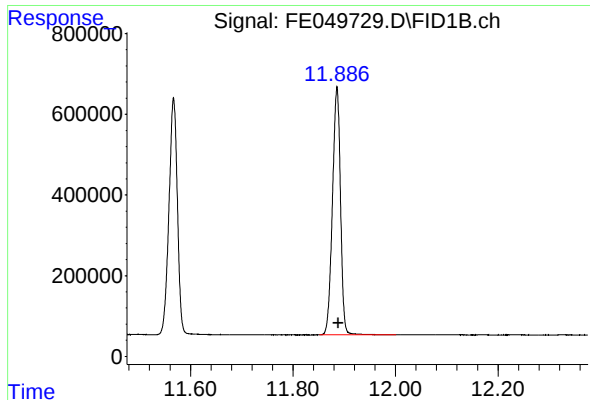
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.003 min
Response: 6616450
Conc: 42.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 6681918
Conc: 42.55 ug/ml



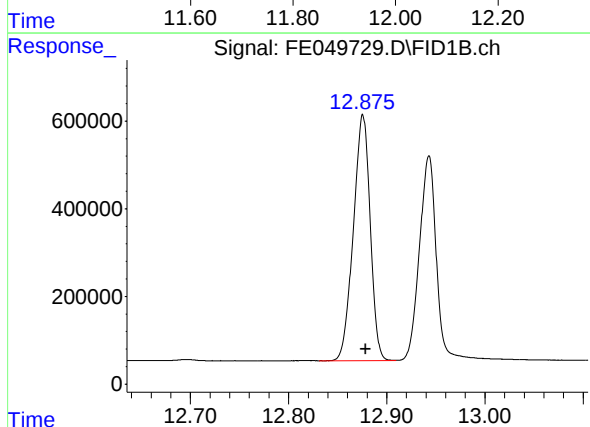
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: -0.003 min
Response: 6689705
Conc: 41.37 ug/ml

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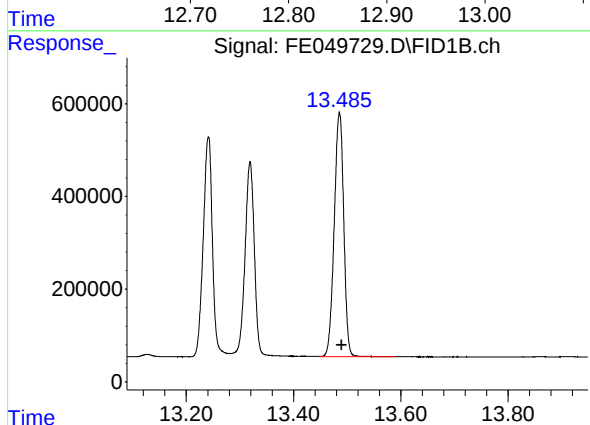
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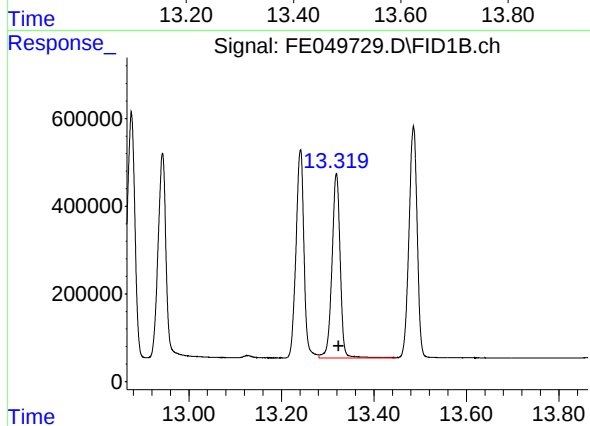
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 6686452
Conc: 44.78 ug/ml



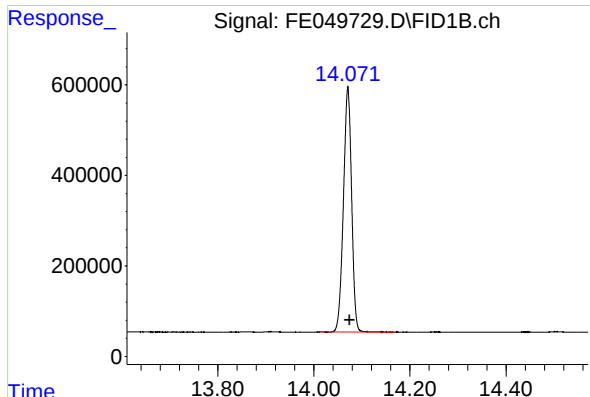
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.004 min
Response: 6503112
Conc: 44.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: -0.005 min
Response: 5203178
Conc: 42.65 ug/ml



#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: -0.004 min
Response: 6407700
Conc: 43.96 ug/ml

Instrument :

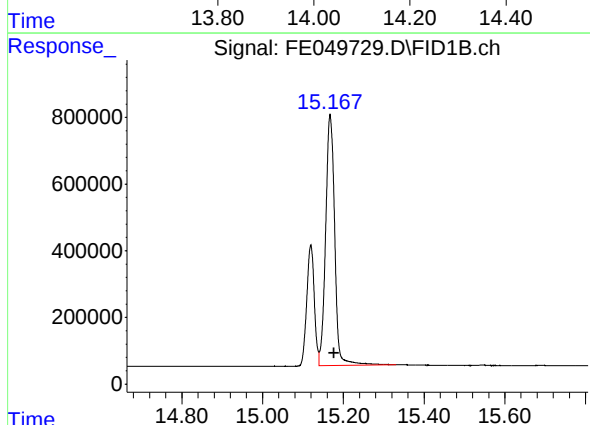
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ClientSampleId :

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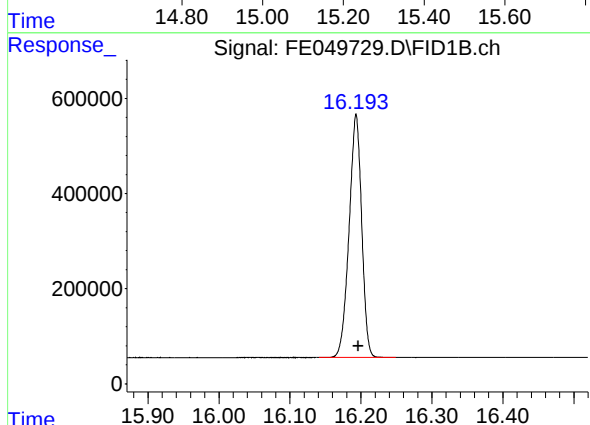
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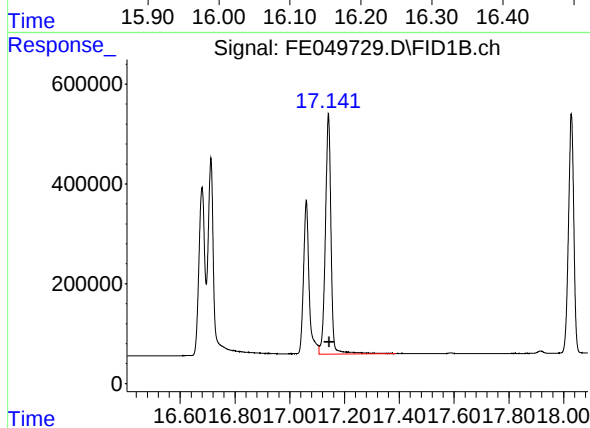
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.009 min
Response: 11730839
Conc: 80.64 ug/ml



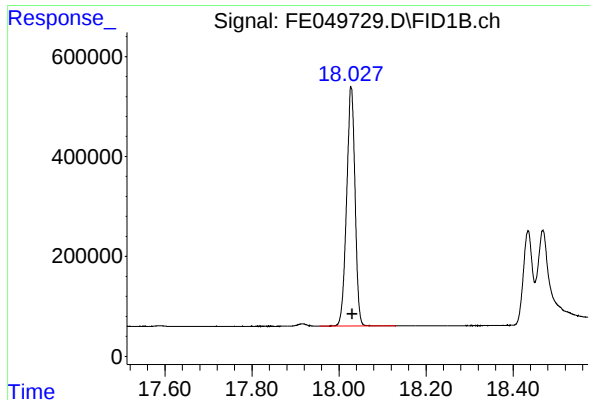
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.003 min
Response: 6286583
Conc: 43.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: -0.004 min
Response: 6879863
Conc: 47.76 ug/ml



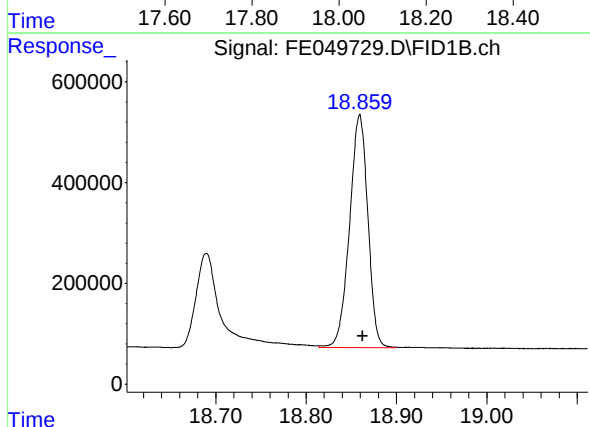
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 6424370
Conc: 42.91 ug/ml

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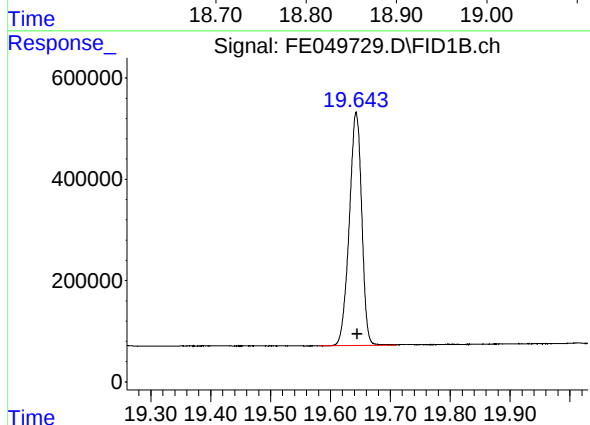
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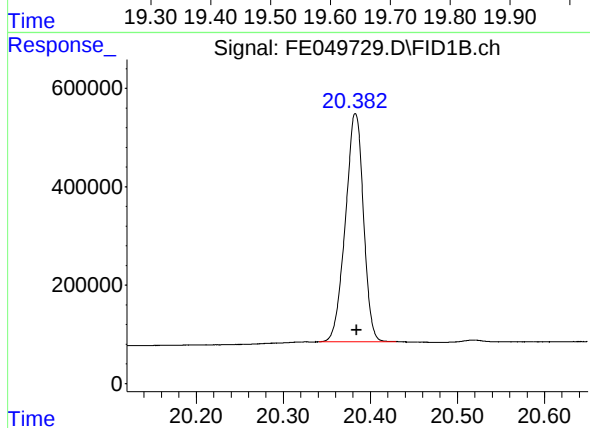
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.003 min
Response: 6514667
Conc: 43.06 ug/ml



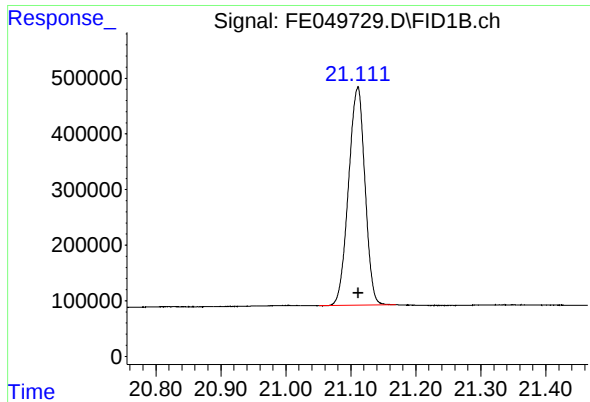
#19 n-Tetatriacontane (C34)

R.T.: 19.643 min
Delta R.T.: -0.001 min
Response: 6671909
Conc: 43.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: -0.001 min
Response: 6685852
Conc: 44.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.001 min
Response: 6901270
Conc: 43.97 ug/ml

Instrument :

FID_E

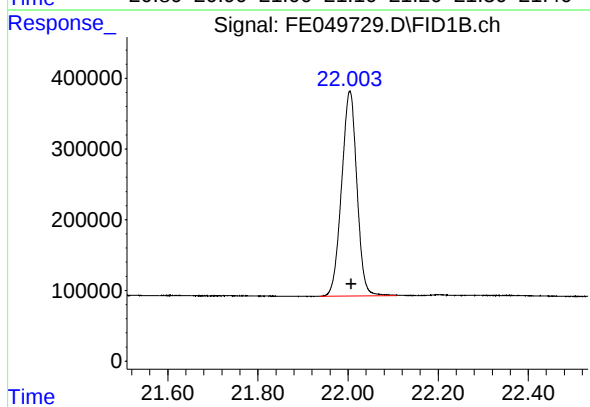
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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.004 min
Response: 6843863
Conc: 44.83 ug/ml m