

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080624AL\
 Data File : FE049476.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2024 16:55
 Operator : YP\AJ
 Sample : PB162535BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162535BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :Ankita Jodhani 08/07/2024

Integration File: autoint1.e

Quant Time: Aug 07 01:57:22 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.896	7261033	46.814 ug/ml
Spiked Amount 50.000		Recovery =	93.63%
12) S 1-chlorooctadecane (S...	13.331	5693409	48.730 ug/ml
Spiked Amount 50.000		Recovery =	97.46%
Target Compounds			
1) T n-Nonane (C9)	3.295	7405222	49.241 ug/ml
2) T n-Decane (C10)	4.541	8051628	52.130 ug/ml
3) T A~Naphthalene (C11.7)	6.241	9117336	58.518 ug/ml
4) T n-Dodecane (C12)	6.702	8103779	52.629 ug/ml
5) T A~2-methylnaphthalene...	7.337	8732326	60.004 ug/ml
6) T n-Tetradecane (C14)	8.531	8378315	55.202 ug/ml
7) T n-Hexadecane (C16)	10.136	8330269	54.929 ug/ml
8) T n-Octadecane (C18)	11.578	8207699	54.058 ug/ml
10) T n-Eicosane (C20)	12.887	8155398	56.397 ug/ml
11) T n-Heneicosane (C21)	13.498	7891835	55.651 ug/ml
13) T n-Docosane (C22)	14.083	7798198	55.506 ug/ml
14) T n-Tetracosane (C24)	15.180	15253337	108.835 ug/ml
15) T n-Hexacosane (C26)	16.206	7730555	55.131 ug/ml
16) T n-Octacosane (C28)	17.153	8332374	59.531 ug/ml
17) T n-Tricontane (C30)	18.041	7813560	53.564 ug/ml
18) T n-Dotriacontane (C32)	18.871	7964790	54.168 ug/mlm
19) T n-Tetratriacontane (C34)	19.655	8211596	56.217 ug/ml
20) T n-Hexatriacontane (C36)	20.395	8435867	58.518 ug/ml
21) T n-Octatriacontane (C38)	21.124	8791335	58.730 ug/ml
22) T n-Tetracontane (C40)	22.023	8636704	57.233 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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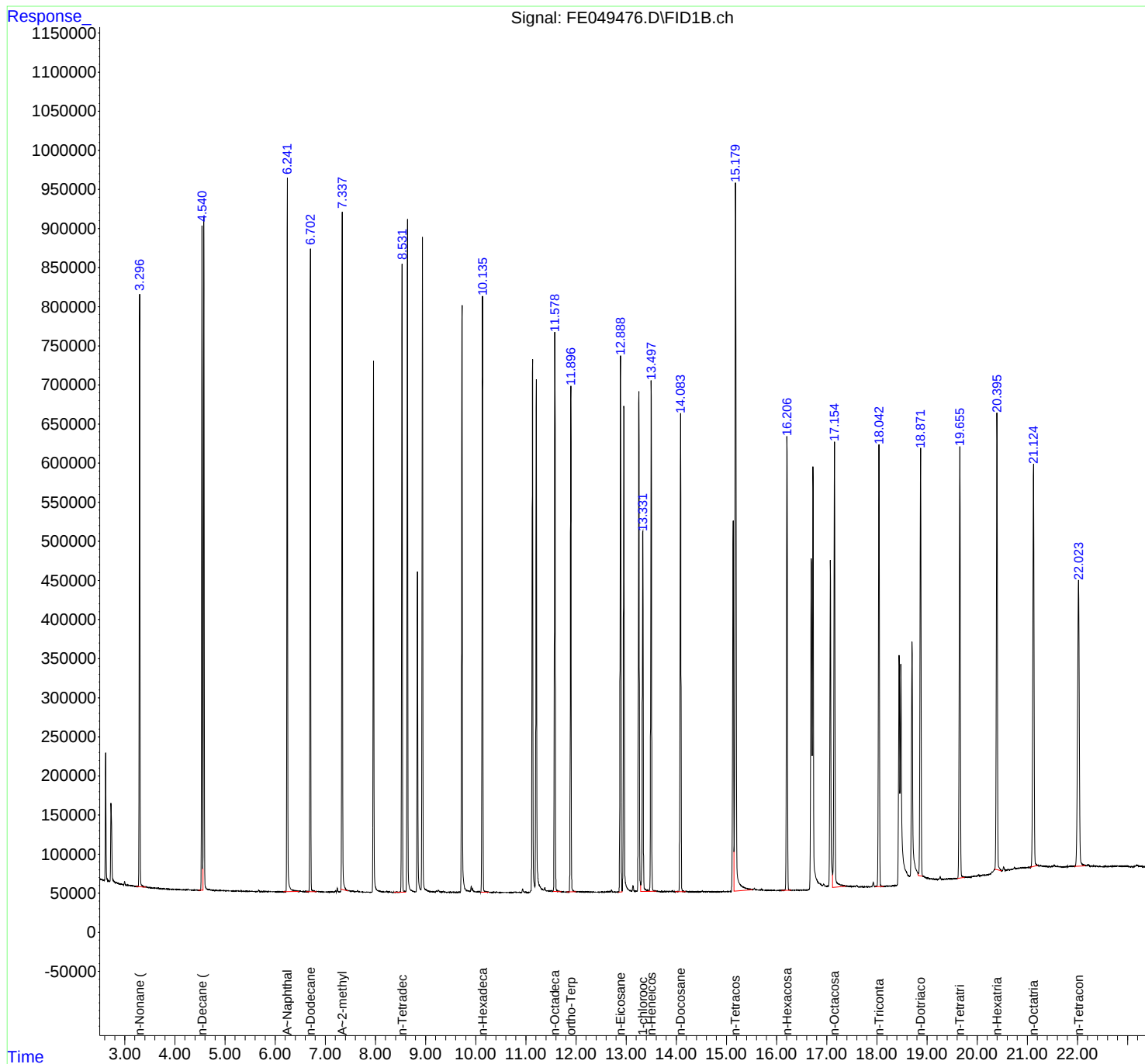
Instrument :
FID_E
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PB162535BSD

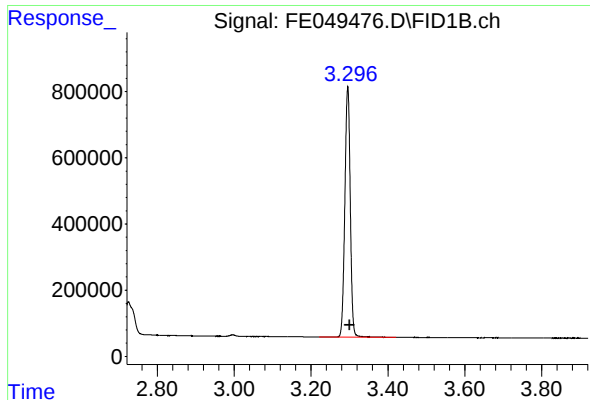
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.006 min
Response: 7405222
Conc: 49.24 ug/ml

Instrument :

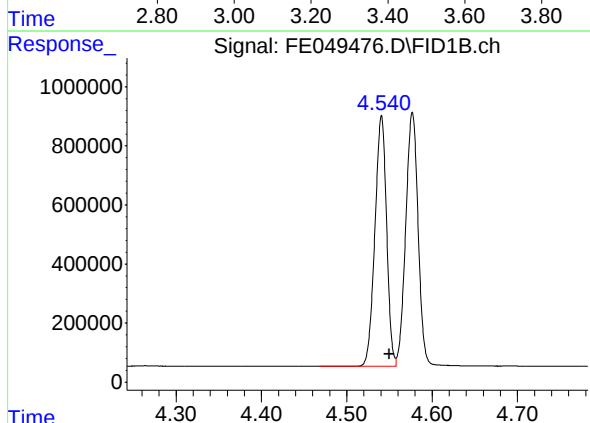
FID_E

ClientSampleId :

PB162535BSD

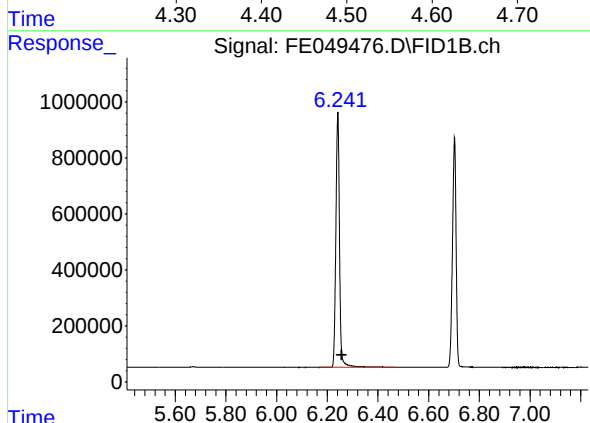
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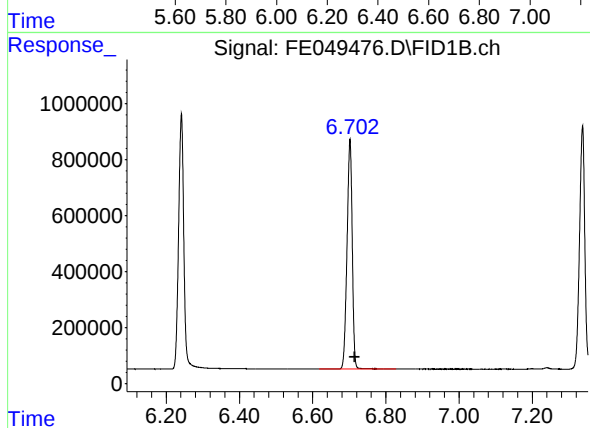
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.009 min
Response: 8051628
Conc: 52.13 ug/ml



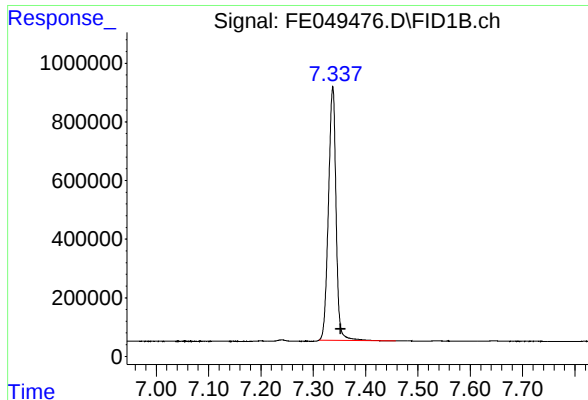
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.015 min
Response: 9117336
Conc: 58.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.013 min
Response: 8103779
Conc: 52.63 ug/ml



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

R.T.: 7.337 min
Delta R.T.: -0.015 min
Response: 8732326
Conc: 60.00 ug/ml

Instrument :

FID_E

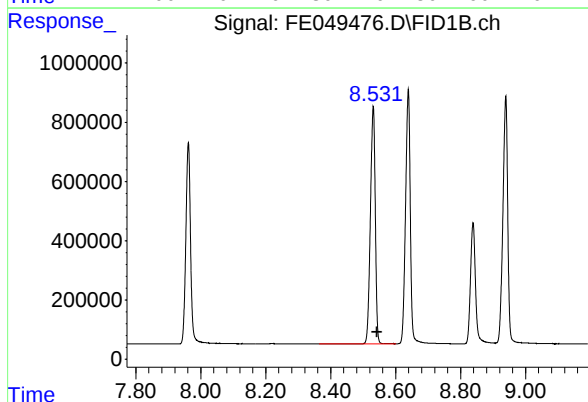
ClientSampleId :

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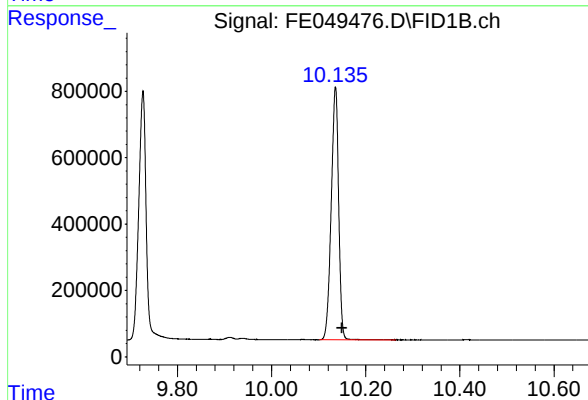
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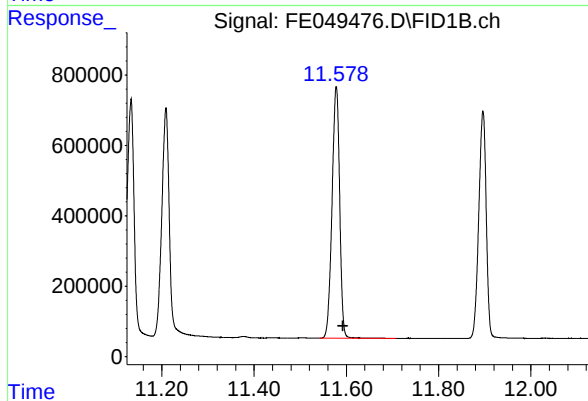
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.012 min
Response: 8378315
Conc: 55.20 ug/ml



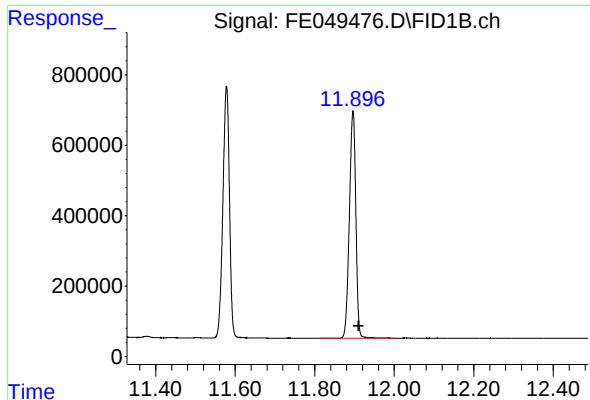
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.014 min
Response: 8330269
Conc: 54.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.015 min
Response: 8207699
Conc: 54.06 ug/ml



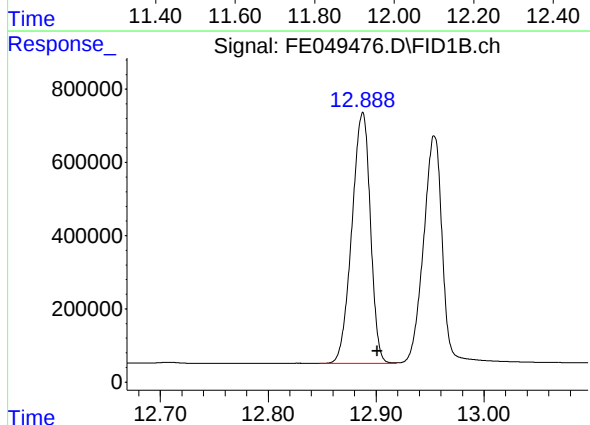
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.015 min
Response: 7261033
Conc: 46.81 ug/ml

Instrument :
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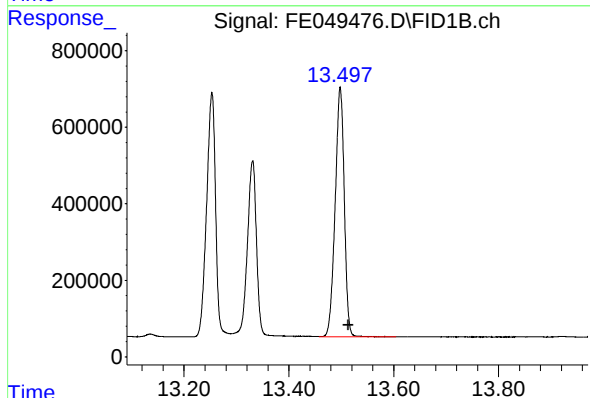
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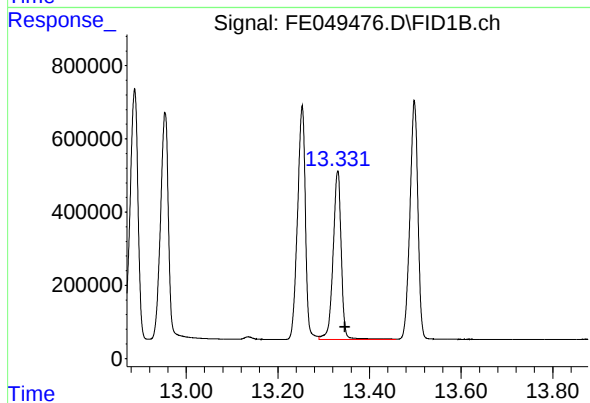
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.014 min
Response: 8155398
Conc: 56.40 ug/ml



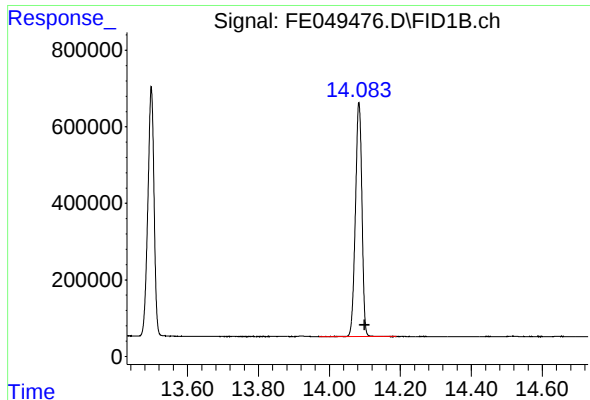
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.015 min
Response: 7891835
Conc: 55.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.016 min
Response: 5693409
Conc: 48.73 ug/ml



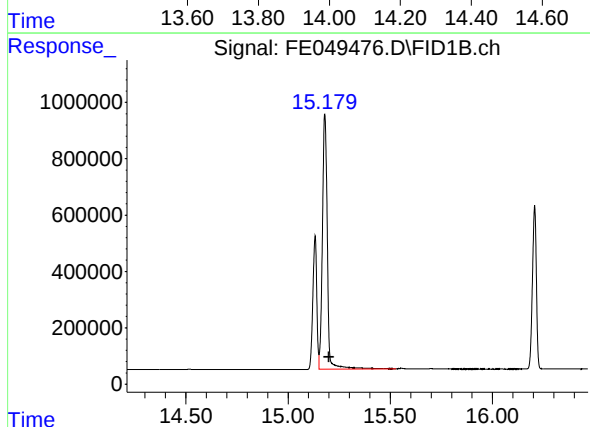
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.016 min
Response: 7798198
Conc: 55.51 ug/ml

Instrument :
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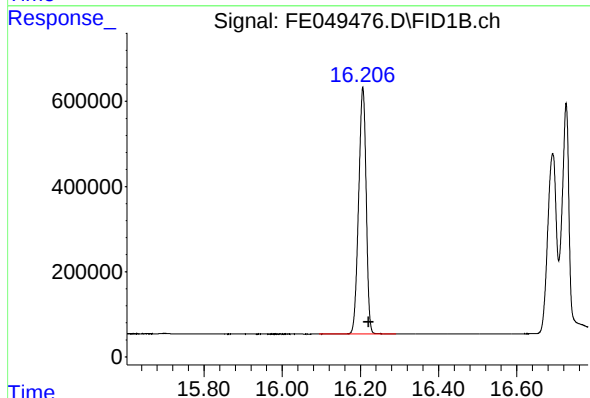
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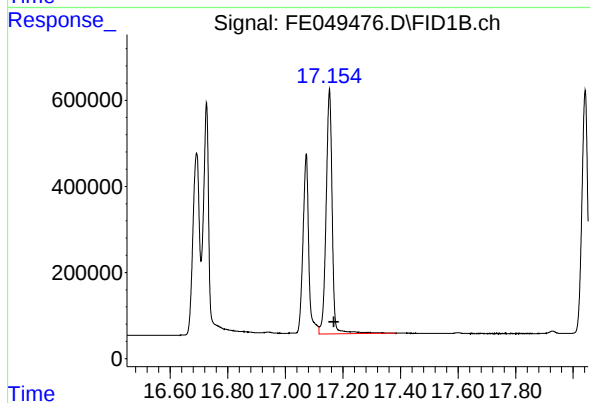
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.021 min
Response: 15253337
Conc: 108.83 ug/ml



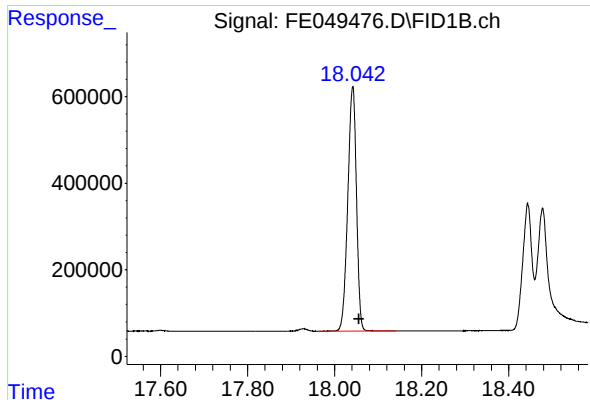
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: -0.015 min
Response: 7730555
Conc: 55.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: -0.016 min
Response: 8332374
Conc: 59.53 ug/ml



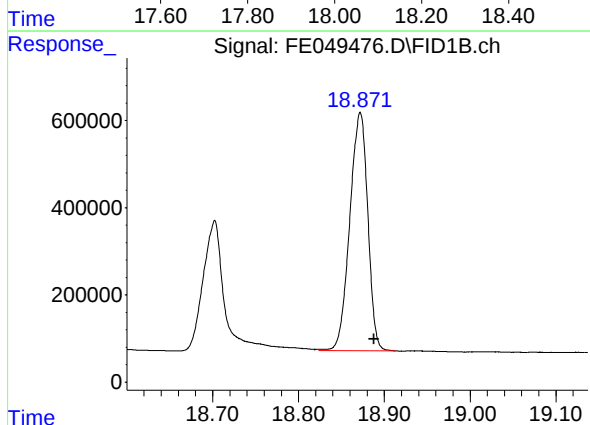
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: -0.015 min
Response: 7813560
Conc: 53.56 ug/ml

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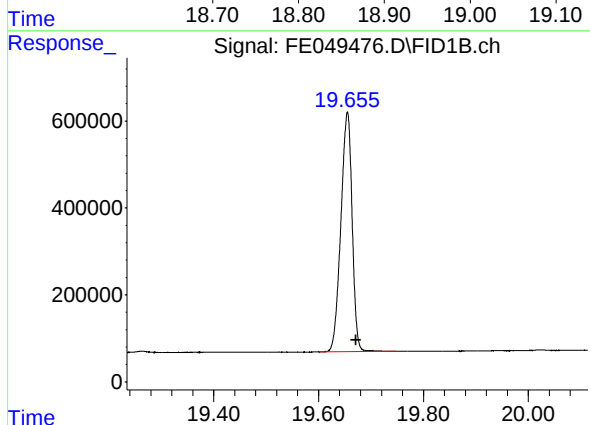
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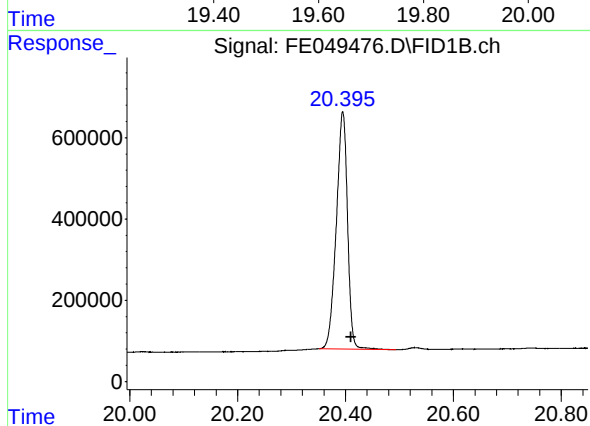
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 7964790
Conc: 54.17 ug/ml



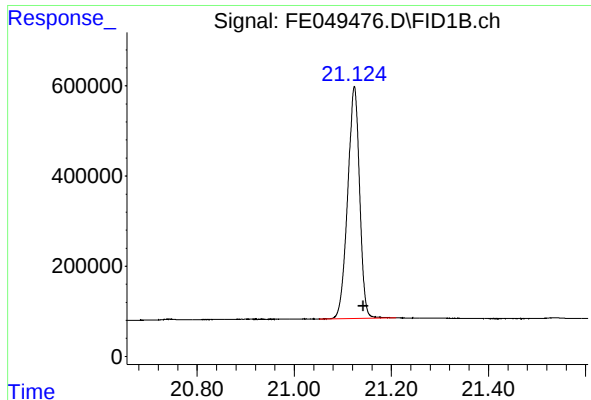
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.016 min
Response: 8211596
Conc: 56.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.016 min
Response: 8435867
Conc: 58.52 ug/ml



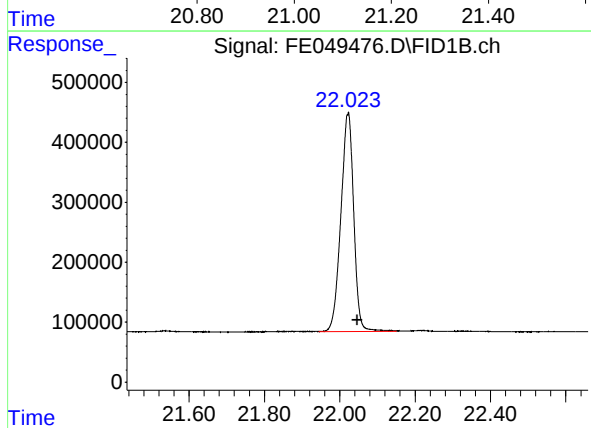
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.018 min
Response: 8791335
Conc: 58.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.024 min
Response: 8636704
Conc: 57.23 ug/ml m