

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047729.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 16:28
 Operator : YP\AJ
 Sample : P2199-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/23/2024
 Supervised By :Ankita Jodhani 04/23/2024

Integration File: autoint1.e
 Quant Time: Apr 23 01:21:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.980	6416518	36.994 ug/ml
Spiked Amount 50.000		Recovery =	73.99%
12) S 1-chlorooctadecane (S...	13.413	5616398	41.759 ug/ml
Spiked Amount 50.000		Recovery =	83.52%
Target Compounds			
1) T n-Nonane (C9)	3.358	4838501	30.927 ug/ml
2) T n-Decane (C10)	4.611	5469344	34.031 ug/ml
3) T A~Naphthalene (C11.7)	6.319	6247080	36.844 ug/ml
4) T n-Dodecane (C12)	6.777	6222617	38.338 ug/ml
5) T A~2-methylnaphthalene...	7.415	6659668	40.553 ug/ml
6) T n-Tetradecane (C14)	8.608	7163573	44.529 ug/ml
7) T n-Hexadecane (C16)	10.215	7884725	47.476 ug/ml
8) T n-Octadecane (C18)	11.660	8338711	49.724 ug/ml
10) T n-Eicosane (C20)	12.969	8505697	52.503 ug/ml
11) T n-Heneicosane (C21)	13.580	8270096	52.120 ug/ml
13) T n-Docosane (C22)	14.167	8388831	52.273 ug/ml
14) T n-Tetracosane (C24)	15.265	14917646	90.375 ug/ml
15) T n-Hexacosane (C26)	16.292	8092171	48.956 ug/ml
16) T n-Octacosane (C28)	17.240	8545760	51.569 ug/ml
17) T n-Tricontane (C30)	18.127	8225851	48.451 ug/ml
18) T n-Dotriacontane (C32)	18.957	8106820	48.616 ug/mlm
19) T n-Tetratriacontane (C34)	19.743	8409713	52.434 ug/ml
20) T n-Hexatriacontane (C36)	20.482	8480148	53.168 ug/ml
21) T n-Octatriacontane (C38)	21.227	8851848	54.465 ug/mlm
22) T n-Tetracontane (C40)	22.159	8687417	53.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P2199-01MS
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ALS Vial : 11 Sample Multiplier: 1

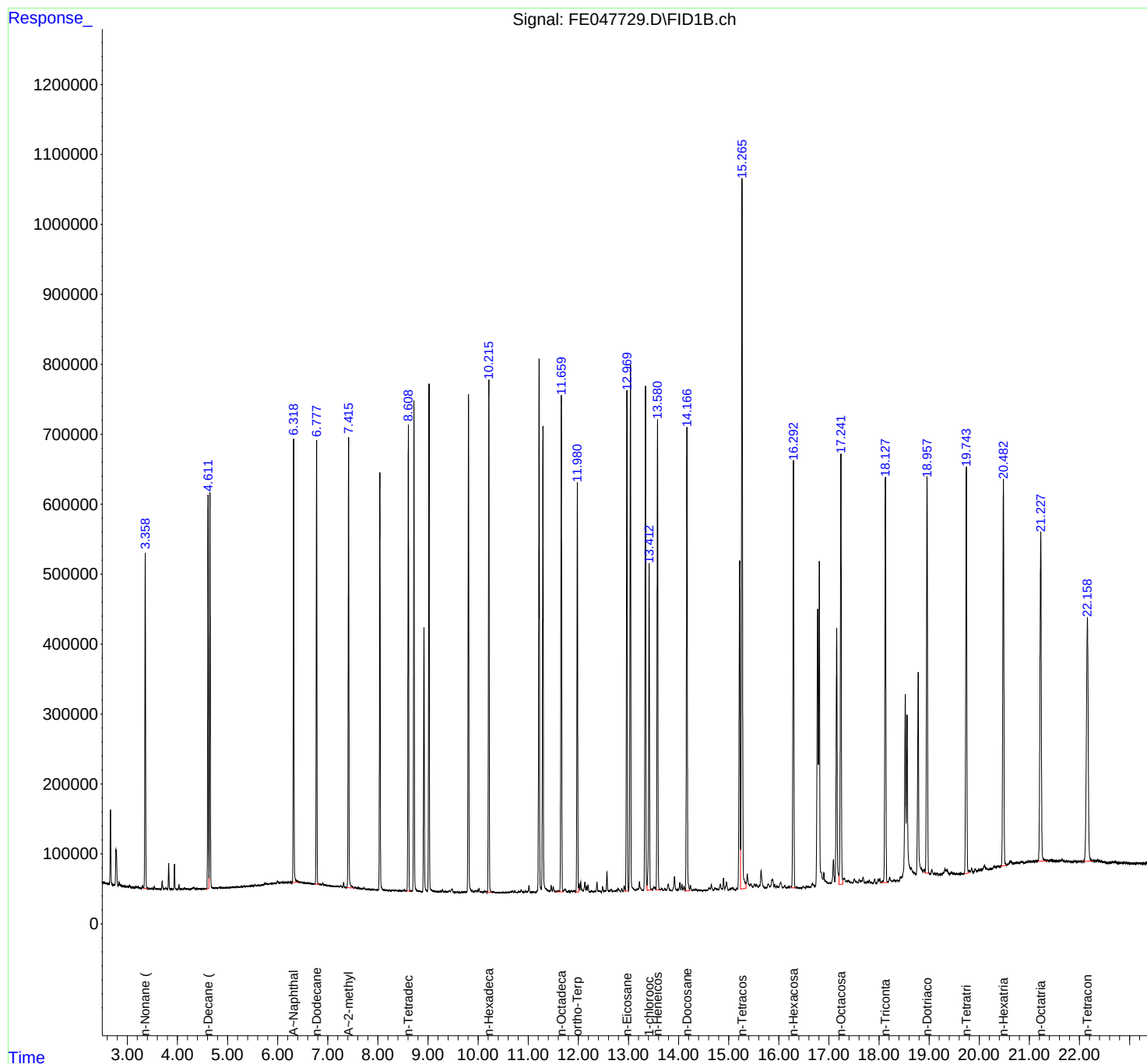
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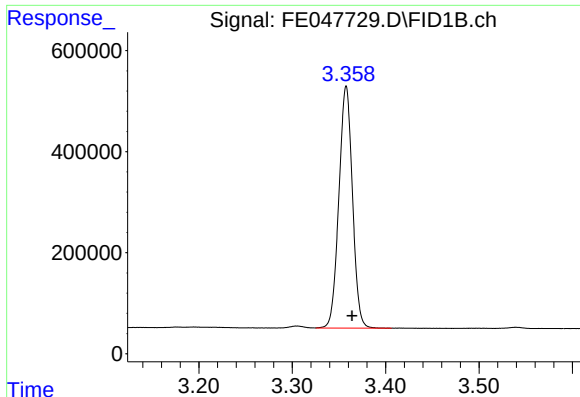
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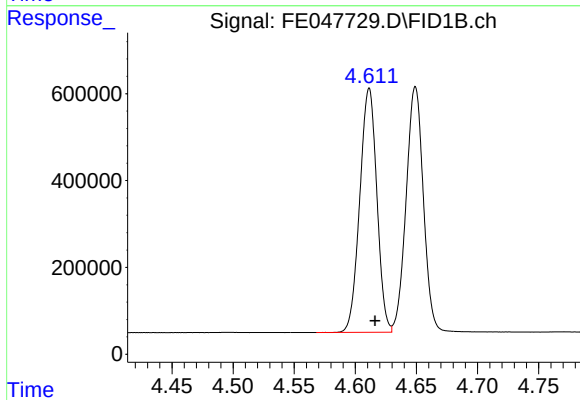
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.006 min
Response: 4838501
Conc: 30.93 ug/ml

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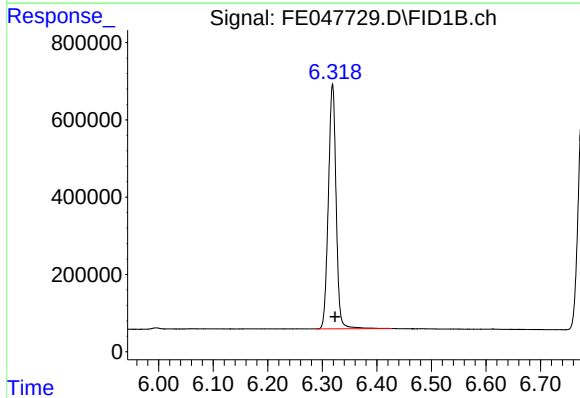
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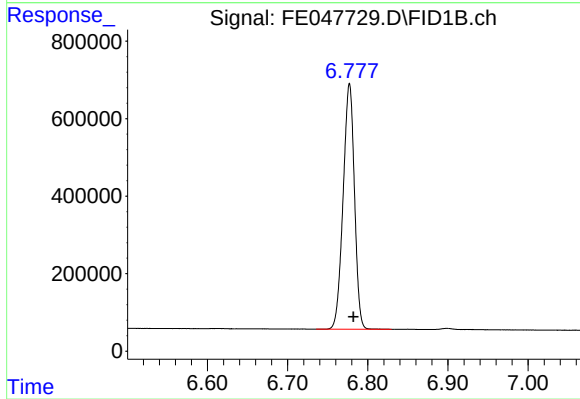
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.005 min
Response: 5469344
Conc: 34.03 ug/ml



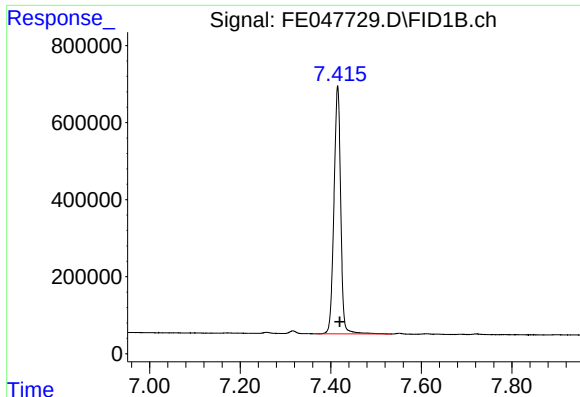
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 6247080
Conc: 36.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 6222617
Conc: 38.34 ug/ml



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

R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 6659668
Conc: 40.55 ug/ml

Instrument :

FID_E

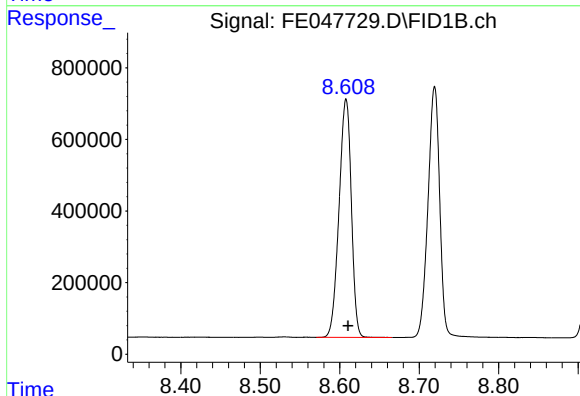
ClientSampleId :

STOCK-PILEMS

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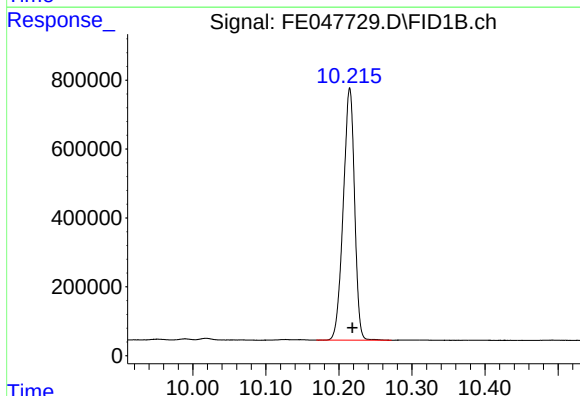
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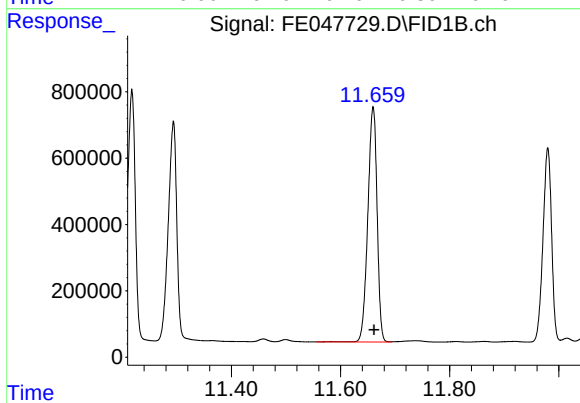
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.002 min
Response: 7163573
Conc: 44.53 ug/ml



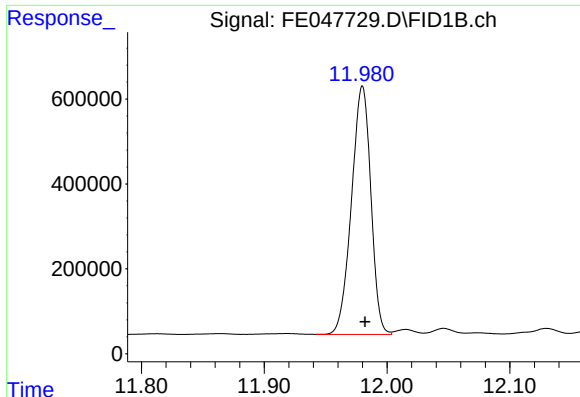
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 7884725
Conc: 47.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 8338711
Conc: 49.72 ug/ml



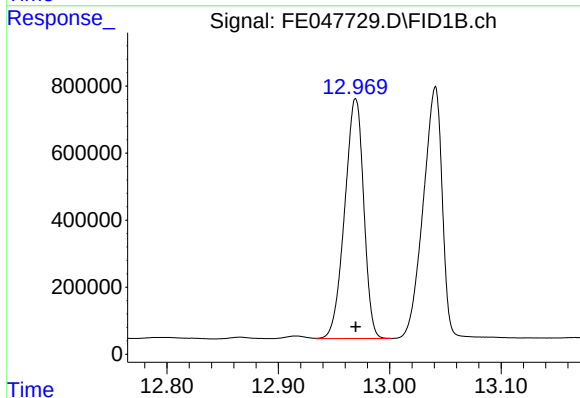
#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 6416518
Conc: 36.99 ug/ml

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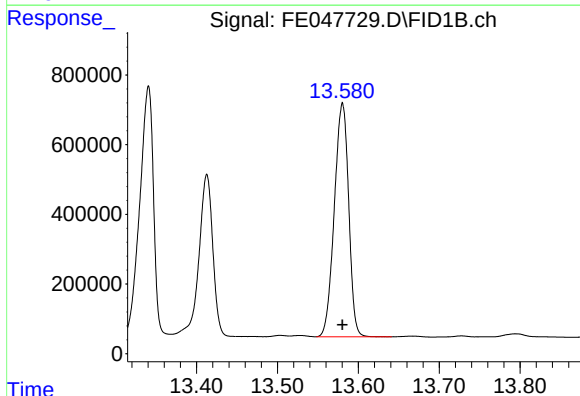
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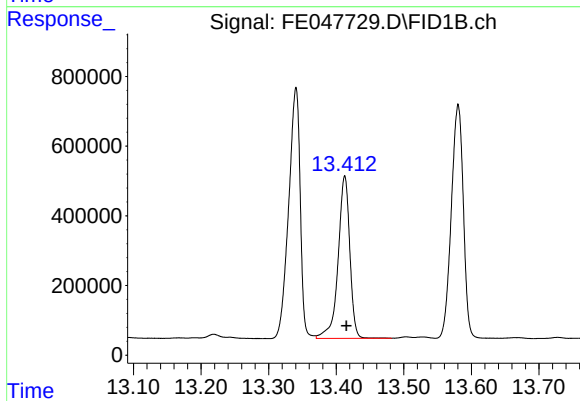
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 8505697
Conc: 52.50 ug/ml



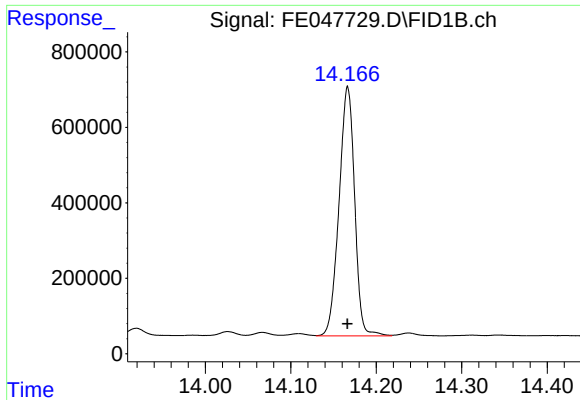
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 8270096
Conc: 52.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 5616398
Conc: 41.76 ug/ml



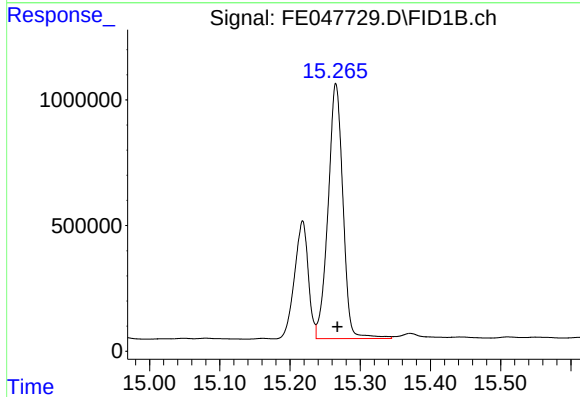
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 8388831
Conc: 52.27 ug/ml

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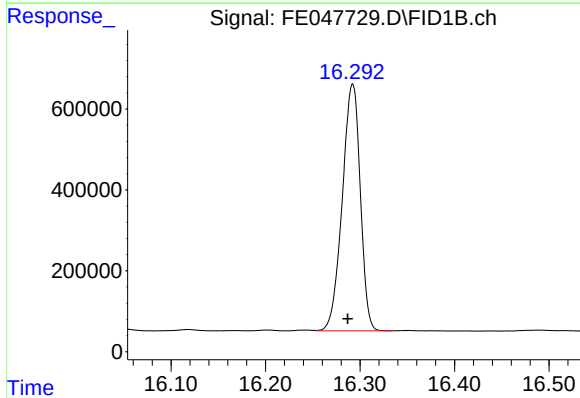
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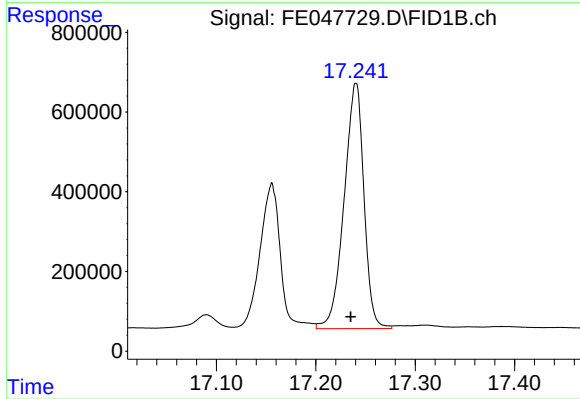
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.002 min
Response: 14917646
Conc: 90.37 ug/ml



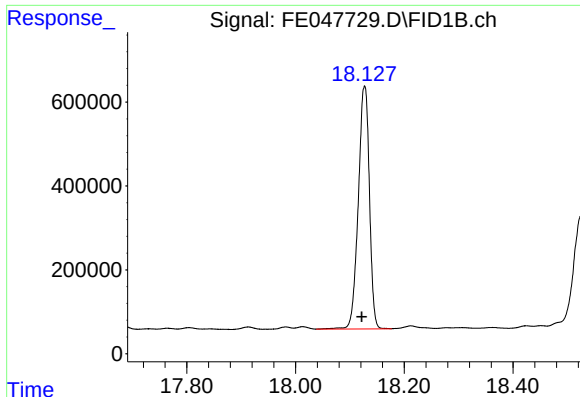
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.005 min
Response: 8092171
Conc: 48.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.005 min
Response: 8545760
Conc: 51.57 ug/ml



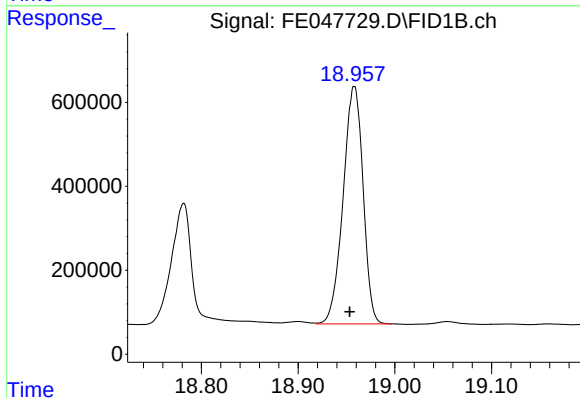
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.005 min
Response: 8225851
Conc: 48.45 ug/ml

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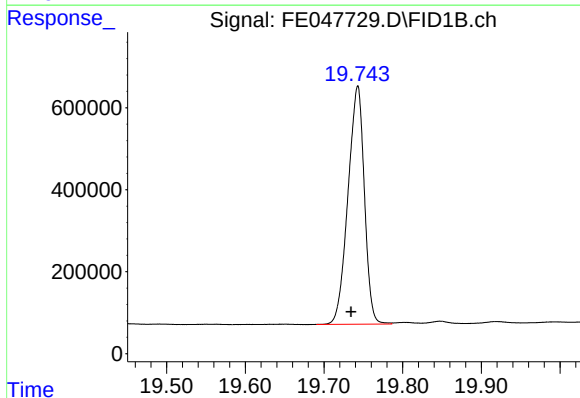
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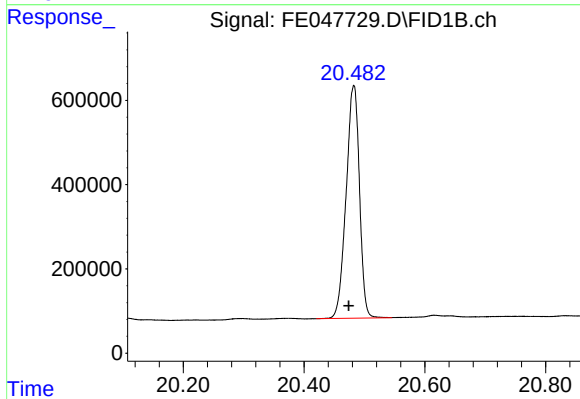
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.004 min
Response: 8106820
Conc: 48.62 ug/ml m



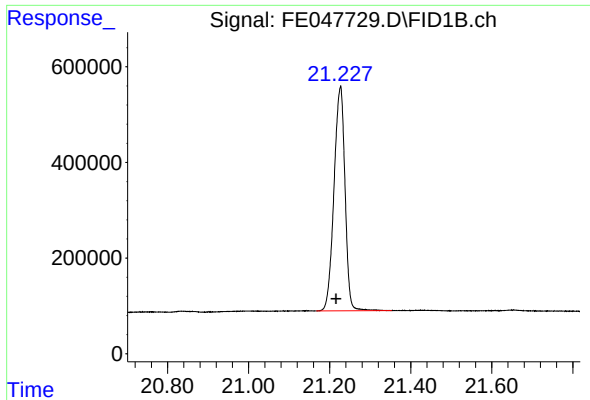
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.009 min
Response: 8409713
Conc: 52.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.009 min
Response: 8480148
Conc: 53.17 ug/ml



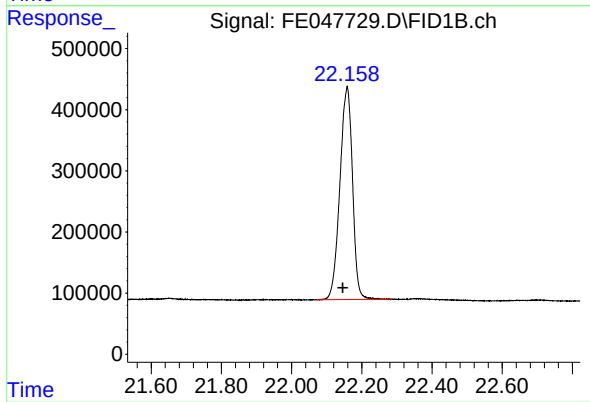
#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.011 min
Response: 8851848
Conc: 54.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.013 min
Response: 8687417
Conc: 53.06 ug/ml