

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041944.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 16:27
 Operator : YP\AJ
 Sample : 02802-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ORA-1639MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/17/2023

Supervised By :Ankita Jodhani 05/17/2023

Integration File: autoint1.e

Quant Time: May 17 01:15:36 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 2023

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)	11.975	5286783	28.180 ug/ml
Spiked Amount 50.000		Recovery =	56.36%
12) S 1-chlorooctadecane (S...	13.412	4786054	33.879 ug/ml
Spiked Amount 50.000		Recovery =	67.76%
Target Compounds			
1) T n-Nonane (C9)	3.349	4521188	30.757 ug/ml
2) T n-Decane (C10)	4.603	5122330	34.153 ug/ml
3) T A~Naphthalene (C11.7)	6.310	6344544	38.338 ug/ml
4) T n-Dodecane (C12)	6.771	6028644	39.651 ug/ml
5) T A~2-methylnaphthalene...	7.408	6667276	41.348 ug/ml
6) T n-Tetradecane (C14)	8.604	6915040	45.522 ug/ml
7) T n-Hexadecane (C16)	10.212	7543823	47.272 ug/ml
8) T n-Octadecane (C18)	11.657	7551570	46.071 ug/ml
10) T n-Eicosane (C20)	12.968	7896804	49.096 ug/ml
11) T n-Heneicosane (C21)	13.580	7291337	45.751 ug/ml
13) T n-Docosane (C22)	14.167	7245133	45.473 ug/ml
14) T n-Tetracosane (C24)	15.264	13497537	83.721 ug/ml
15) T n-Hexacosane (C26)	16.293	6636917	41.980 ug/ml
16) T n-Octacosane (C28)	17.244	6854244	44.545 ug/ml
17) T n-Tricontane (C30)	18.135	6638864	43.590 ug/ml
18) T n-Dotriacontane (C32)	18.967	6226779	41.796 ug/ml
19) T n-Tetratriacontane (C34)	19.753	6532263	46.369 ug/ml
20) T n-Hexatriacontane (C36)	20.494	5923551	44.295 ug/mlm
21) T n-Octatriacontane (C38)	21.251	6043656	45.739 ug/mlm
22) T n-Tetracontane (C40)	22.197	6582565	51.990 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 2023

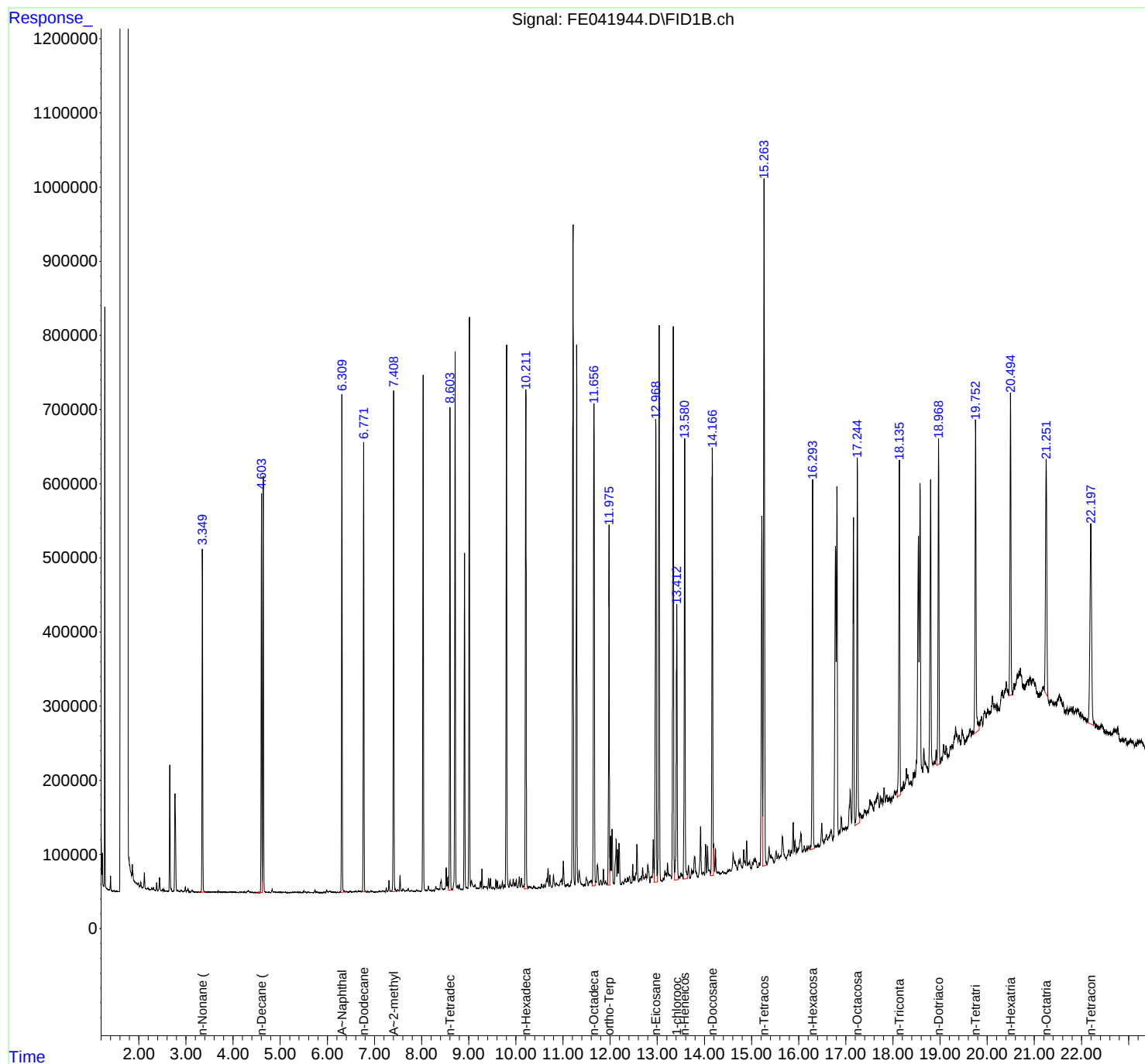
Response via : Initial Calibration

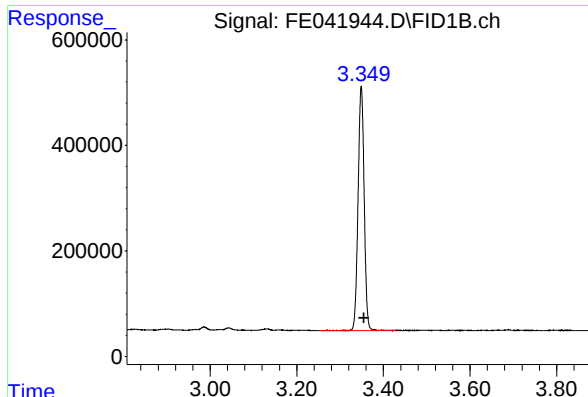
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





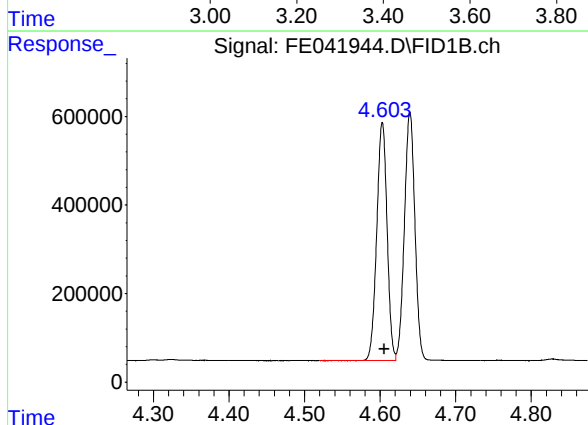
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.006 min
Response: 4521188
Conc: 30.76 ug/ml

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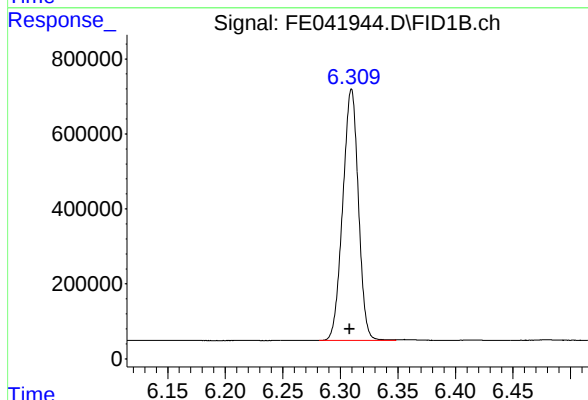
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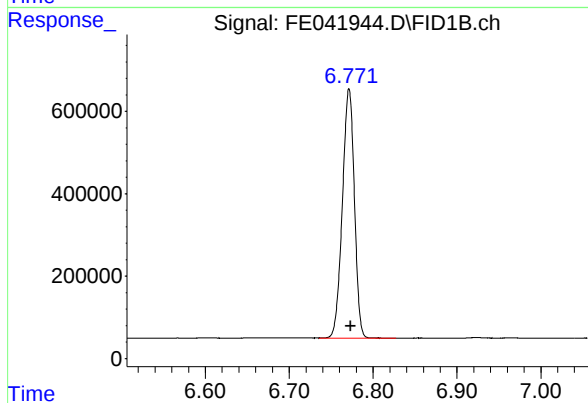
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.003 min
Response: 5122330
Conc: 34.15 ug/ml



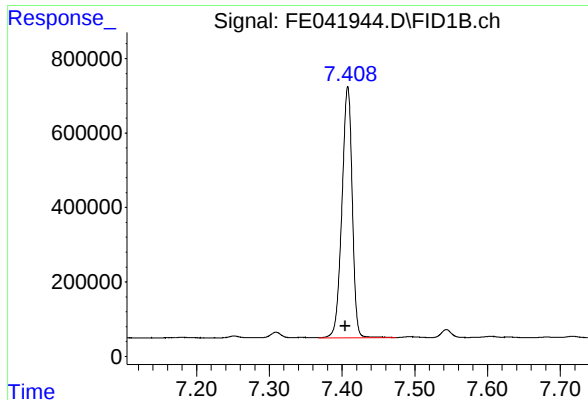
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.001 min
Response: 6344544
Conc: 38.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 6028644
Conc: 39.65 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 6667276
Conc: 41.35 ug/ml

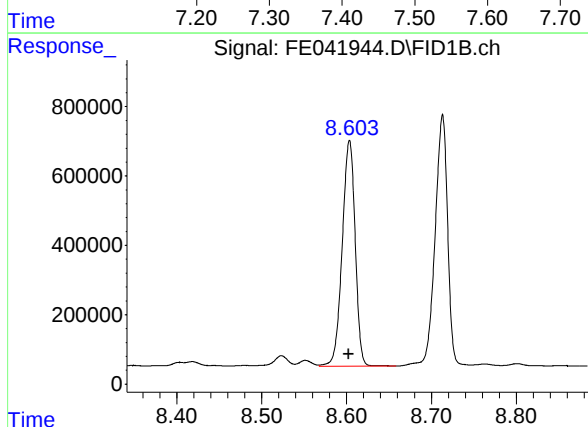
Instrument :

FID_E

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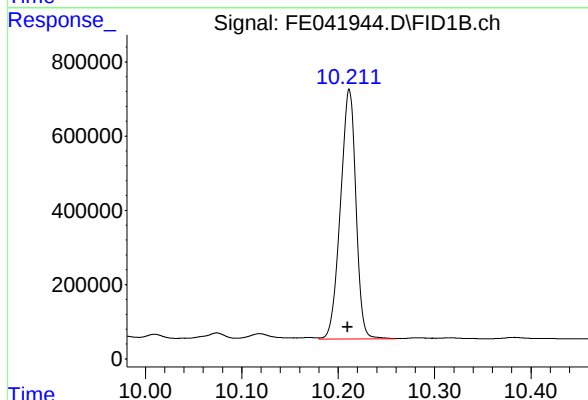
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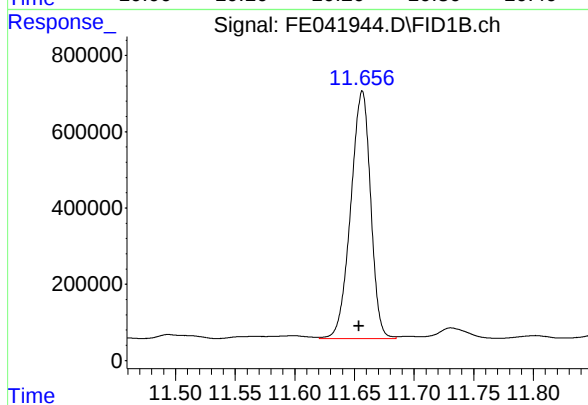
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.001 min
Response: 6915040
Conc: 45.52 ug/ml



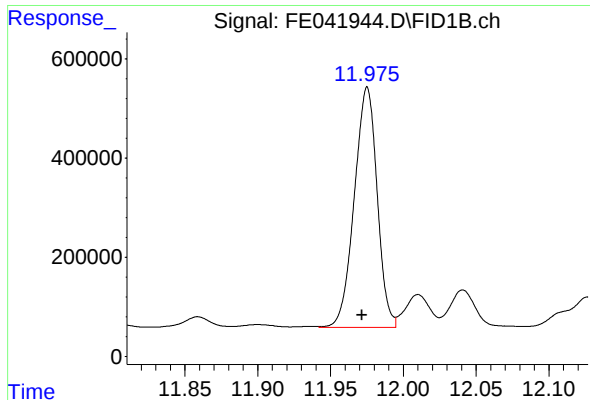
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.002 min
Response: 7543823
Conc: 47.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: 0.003 min
Response: 7551570
Conc: 46.07 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.004 min
Response: 5286783
Conc: 28.18 ug/ml

Instrument :

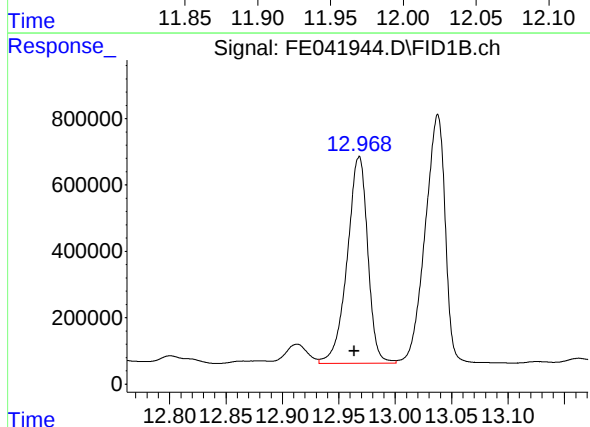
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ClientSampleId :

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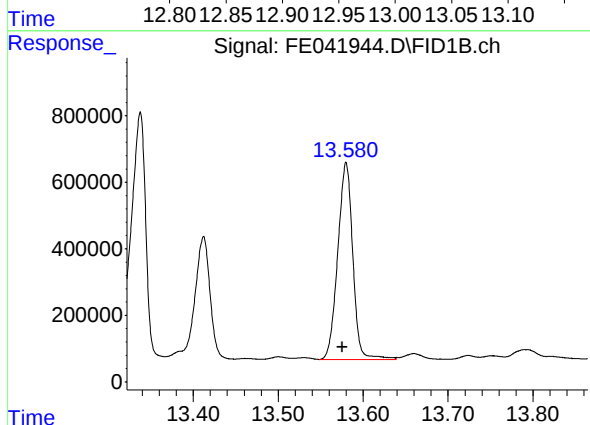
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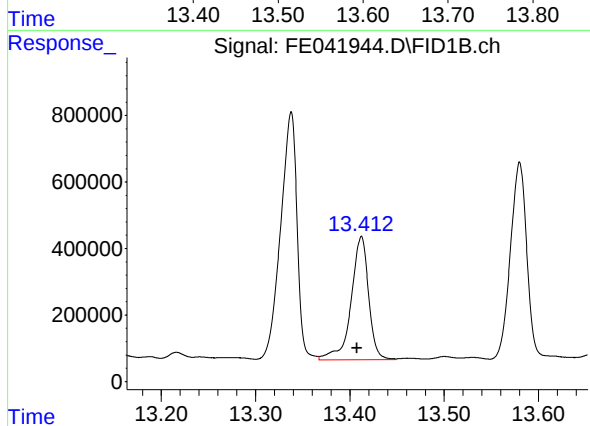
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.004 min
Response: 7896804
Conc: 49.10 ug/ml



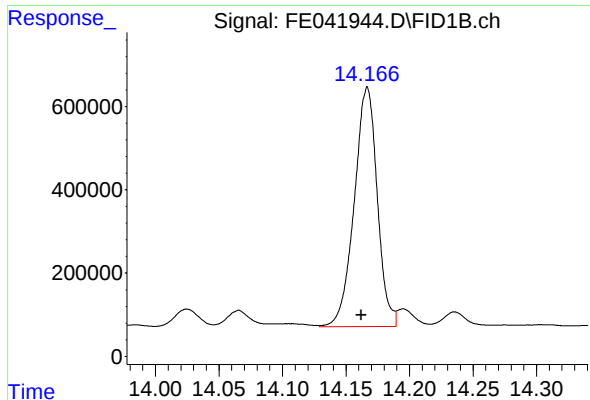
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.004 min
Response: 7291337
Conc: 45.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.005 min
Response: 4786054
Conc: 33.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.005 min
Response: 7245133
Conc: 45.47 ug/ml

Instrument :

FID_E

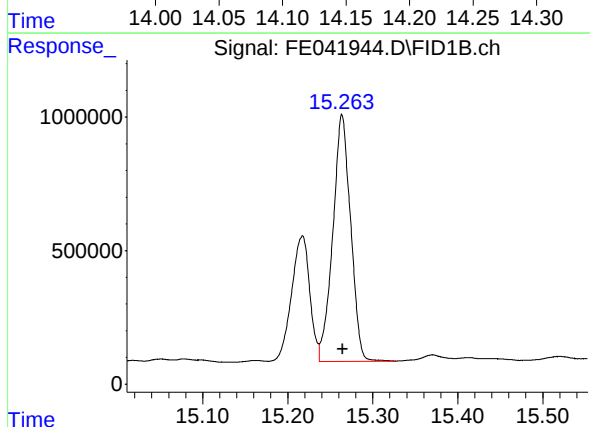
ClientSampleId :

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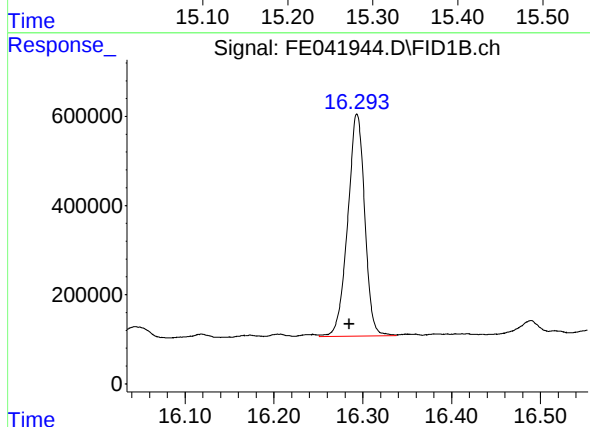
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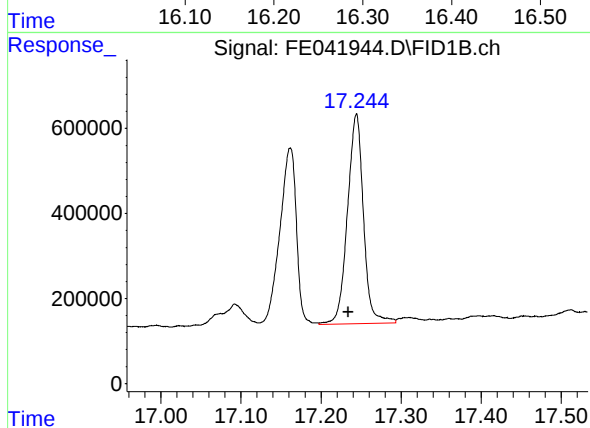
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.001 min
Response: 13497537
Conc: 83.72 ug/ml



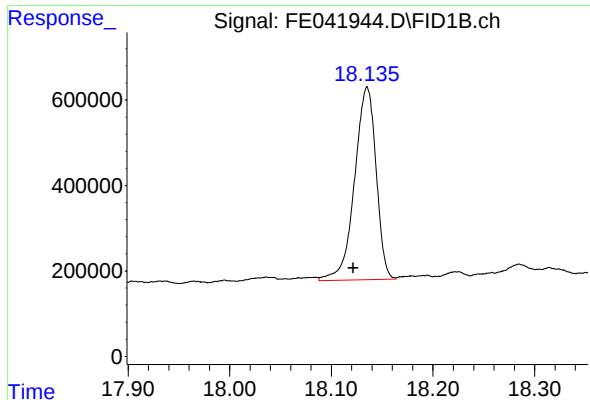
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.009 min
Response: 6636917
Conc: 41.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.010 min
Response: 6854244
Conc: 44.55 ug/ml



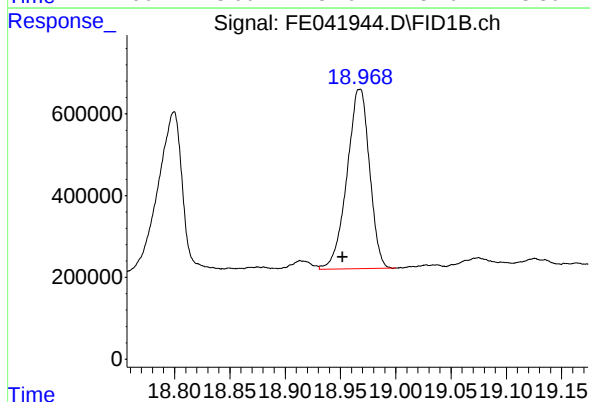
#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: 0.014 min
Response: 6638864
Conc: 43.59 ug/ml

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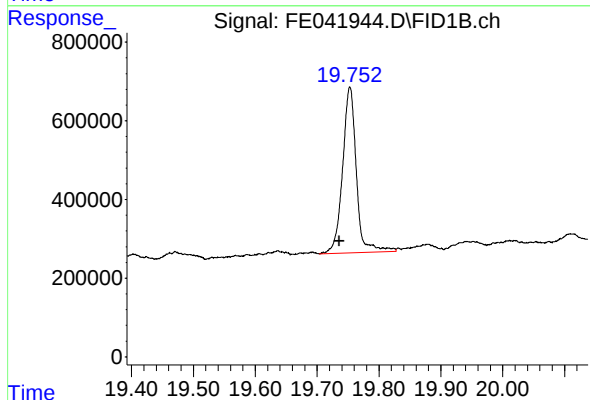
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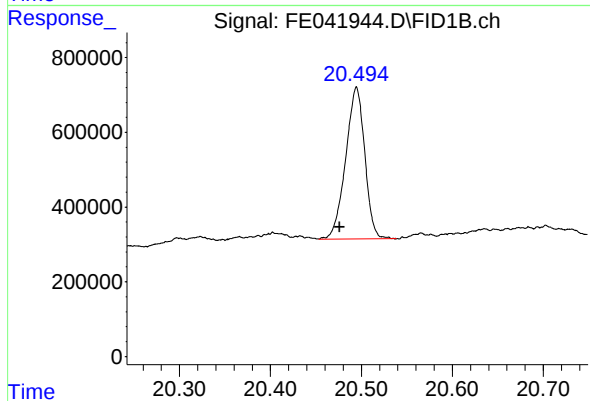
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: 0.015 min
Response: 6226779
Conc: 41.80 ug/ml



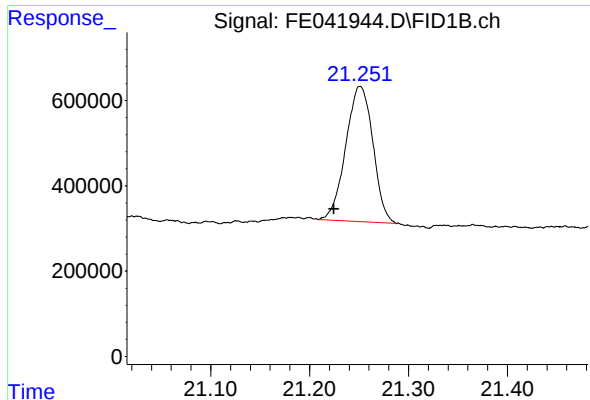
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.017 min
Response: 6532263
Conc: 46.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.494 min
Delta R.T.: 0.018 min
Response: 5923551
Conc: 44.30 ug/ml m



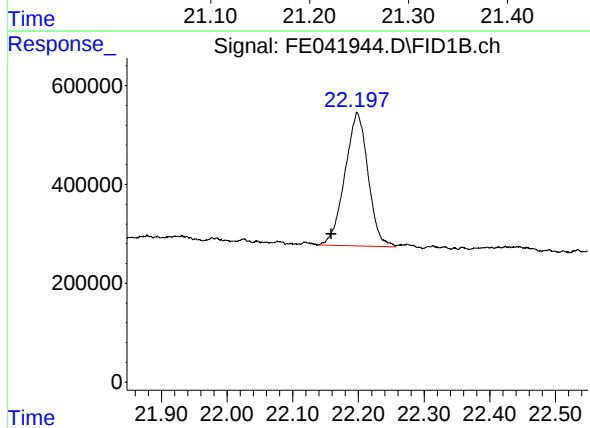
#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.026 min
Response: 6043656
Conc: 45.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.197 min
Delta R.T.: 0.039 min
Response: 6582565
Conc: 51.99 ug/ml