

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045427.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 15:36
 Operator : YP\AJ
 Sample : 05446-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

JC-03-111523AMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2023

Supervised By :Ankita Jodhani 11/20/2023

Integration File: autoint1.e

Quant Time: Nov 17 21:35:03 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.873	4824698	25.270 ug/ml
Spiked Amount 50.000		Recovery =	50.54%
12) S 1-chlorooctadecane (S...	13.307	11652694	84.600 ug/ml
Spiked Amount 50.000		Recovery =	169.20%
Target Compounds			
1) T n-Nonane (C9)	3.265	4667887	28.256 ug/ml
2) T n-Decane (C10)	4.515	5237876	31.237 ug/ml
3) T A~Naphthalene (C11.7)	6.212	6118708	34.279 ug/ml
4) T n-Dodecane (C12)	6.679	5858541	34.689 ug/ml
5) T A~2-methylnaphthalene...	7.308	6019545	35.055 ug/ml
6) T n-Tetradecane (C14)	8.507	6659219	39.955 ug/ml
7) T n-Hexadecane (C16)	10.115	6801448	40.436 ug/ml
8) T n-Octadecane (C18)	11.561	6820293	40.750 ug/ml
10) T n-Eicosane (C20)	12.873	6623998	41.816 ug/ml
11) T n-Heneicosane (C21)	13.486	6792702	44.178 ug/ml
13) T n-Docosane (C22)	14.072	6102312	40.275 ug/ml
14) T n-Tetracosane (C24)	15.155	12323257	83.203 ug/mlm
15) T n-Hexacosane (C26)	16.201	5761475	39.528 ug/ml
16) T n-Octacosane (C28)	17.152	5825242	39.864 ug/ml
17) T n-Tricontane (C30)	18.042	5844381	38.476 ug/ml
18) T n-Dotriacontane (C32)	18.876	6079836	38.918 ug/ml
19) T n-Tetratriacontane (C34)	19.662	5956788	38.151 ug/ml
20) T n-Hexatriacontane (C36)	20.405	5922260	36.485 ug/ml
21) T n-Octatriacontane (C38)	21.141	6083959	36.619 ug/ml
22) T n-Tetracontane (C40)	22.052	6161178	36.071 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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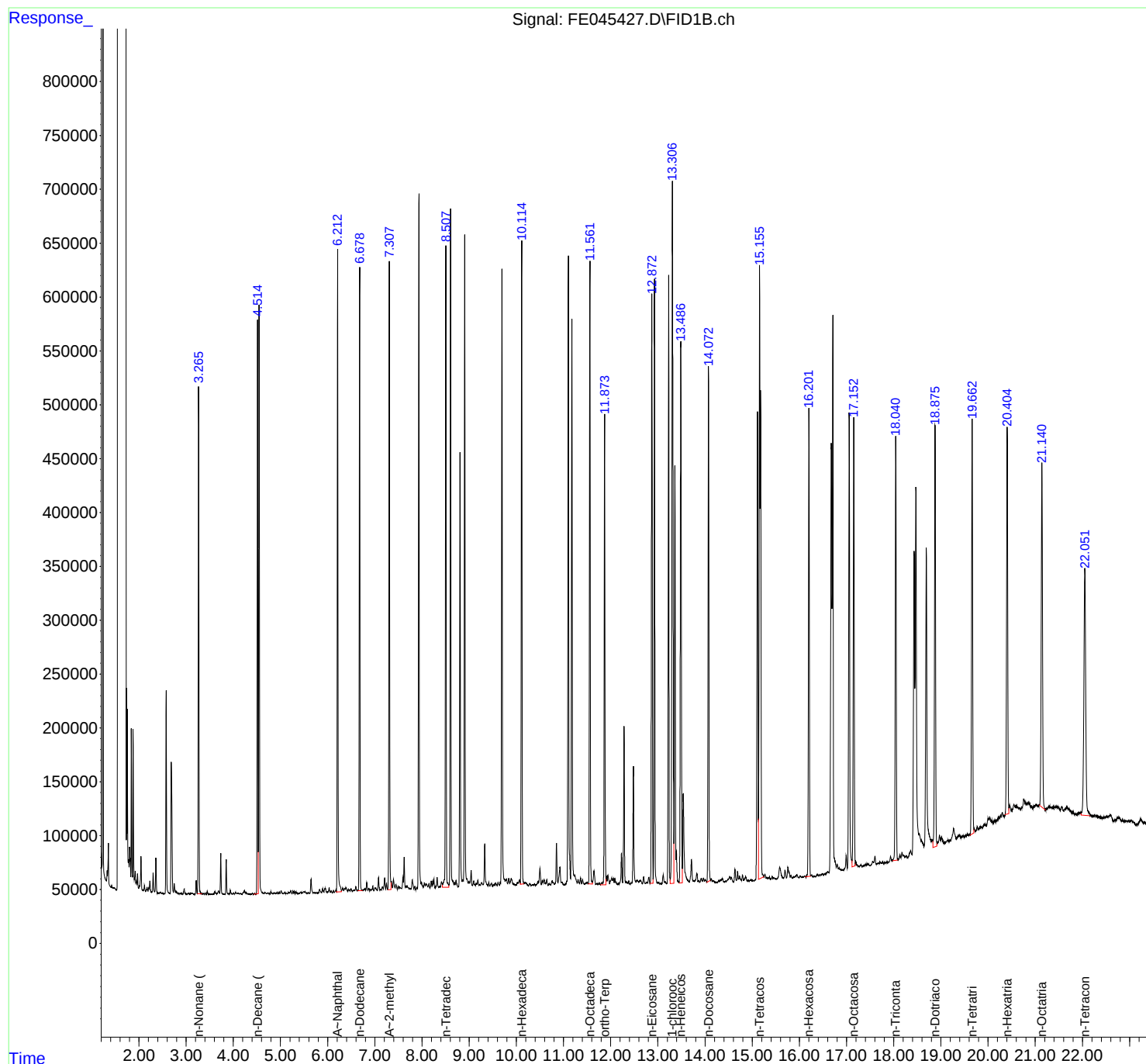
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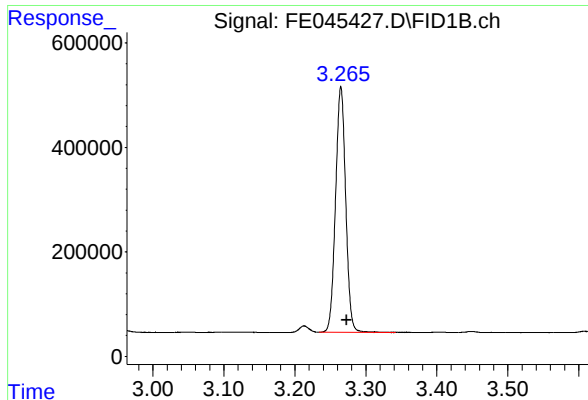
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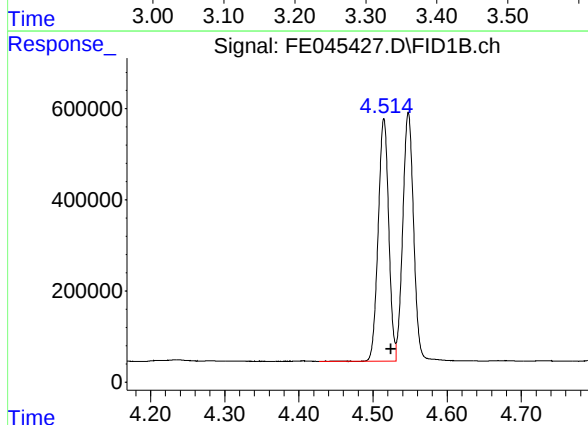
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.008 min
Response: 4667887
Conc: 28.26 ug/ml

Instrument :
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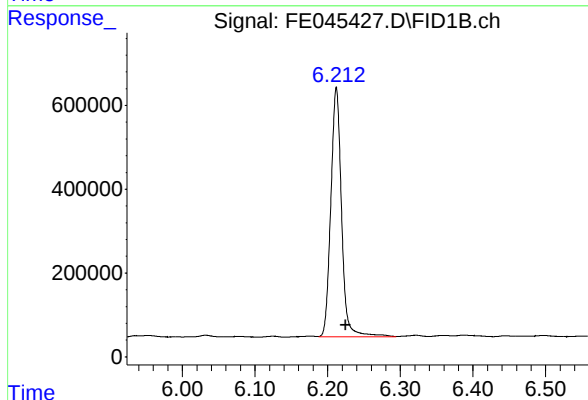
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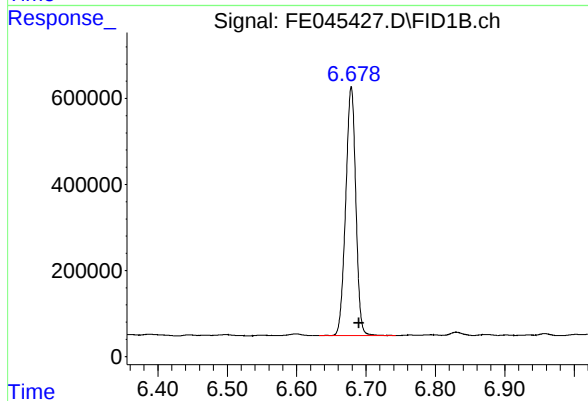
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.010 min
Response: 5237876
Conc: 31.24 ug/ml



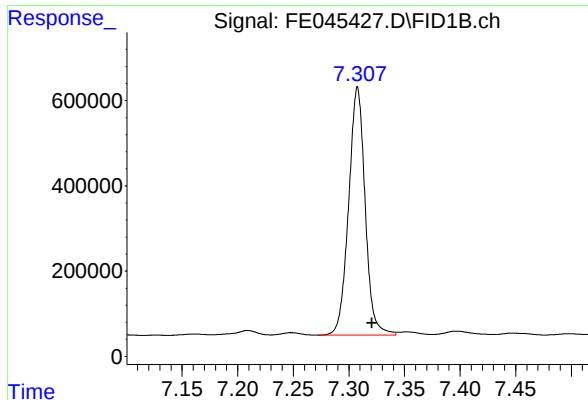
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.013 min
Response: 6118708
Conc: 34.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 5858541
Conc: 34.69 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.013 min
Response: 6019545
Conc: 35.05 ug/ml

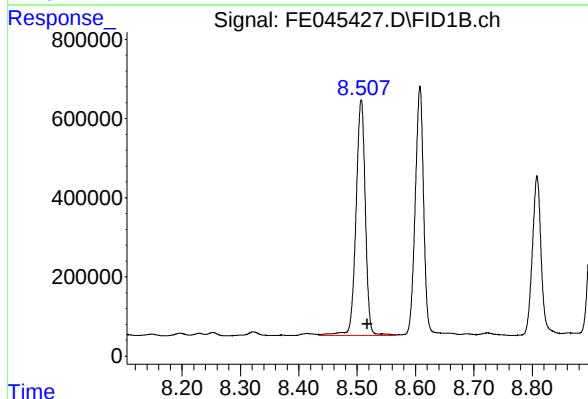
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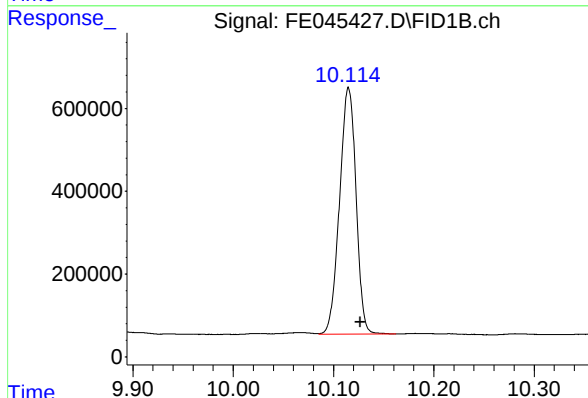
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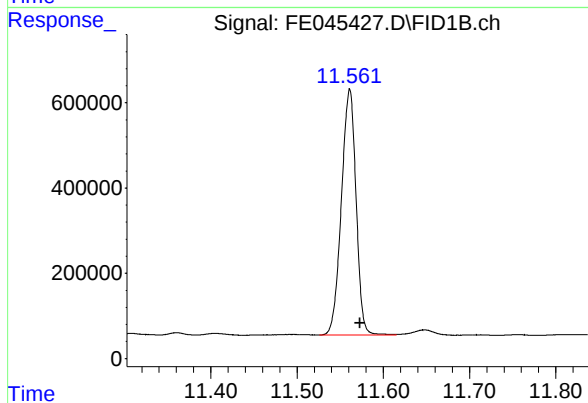
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.011 min
Response: 6659219
Conc: 39.96 ug/ml



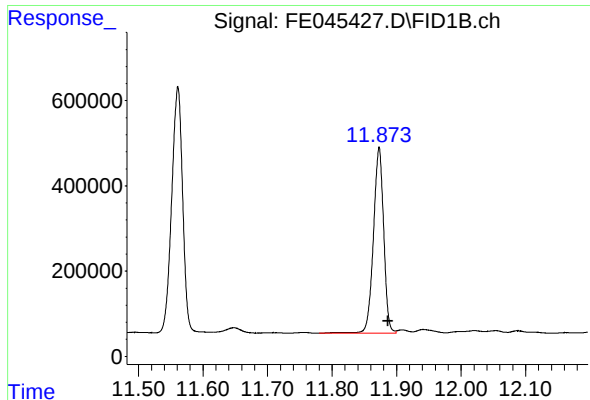
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.012 min
Response: 6801448
Conc: 40.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.012 min
Response: 6820293
Conc: 40.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.014 min
Response: 4824698
Conc: 25.27 ug/ml

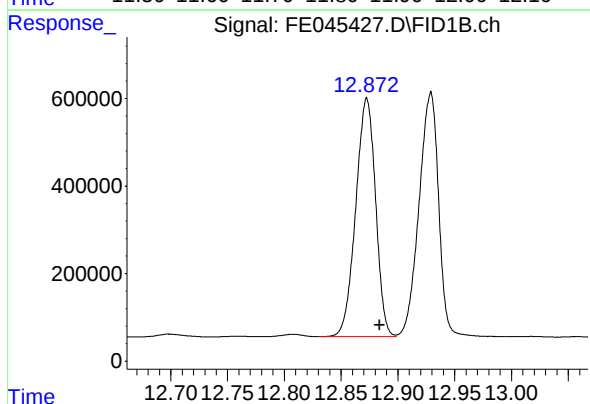
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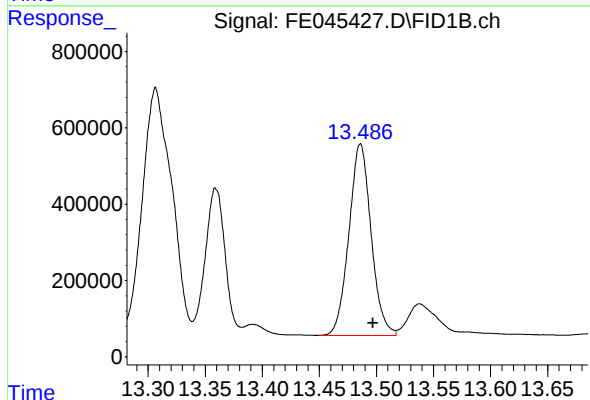
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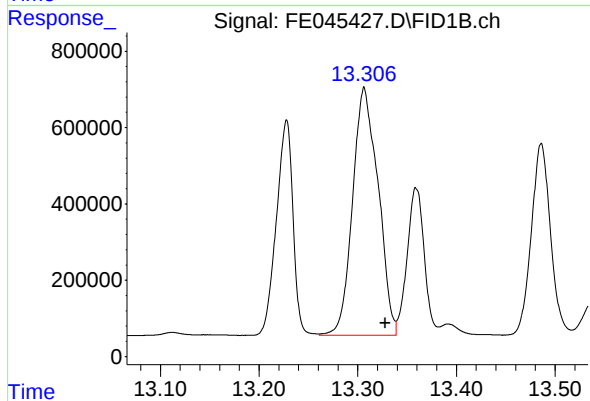
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 6623998
Conc: 41.82 ug/ml



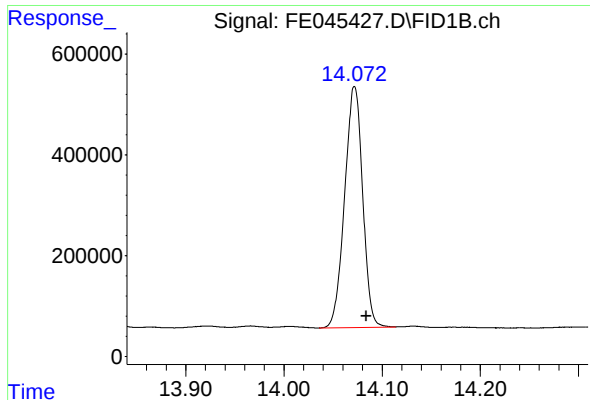
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.011 min
Response: 6792702
Conc: 44.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: -0.022 min
Response: 11652694
Conc: 84.60 ug/ml



#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.012 min
Response: 6102312
Conc: 40.28 ug/ml

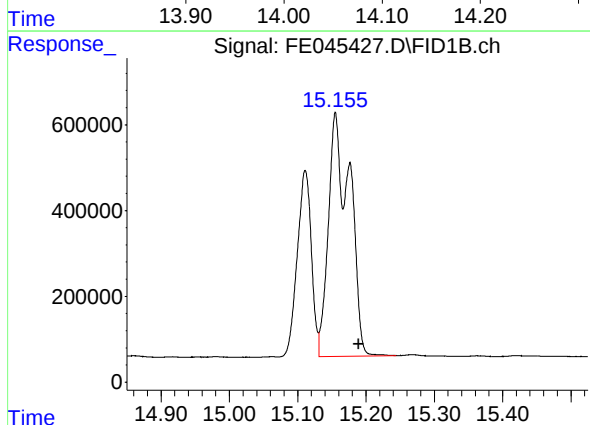
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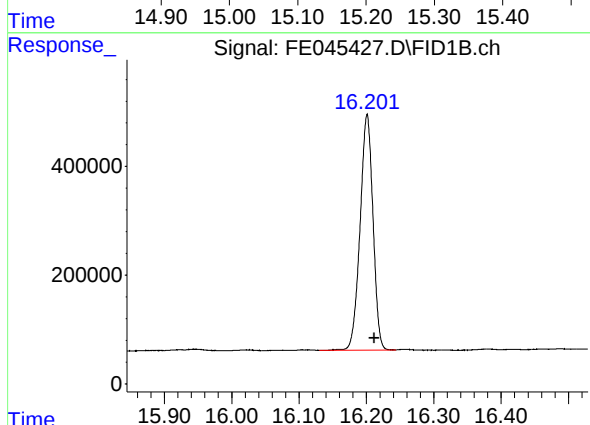
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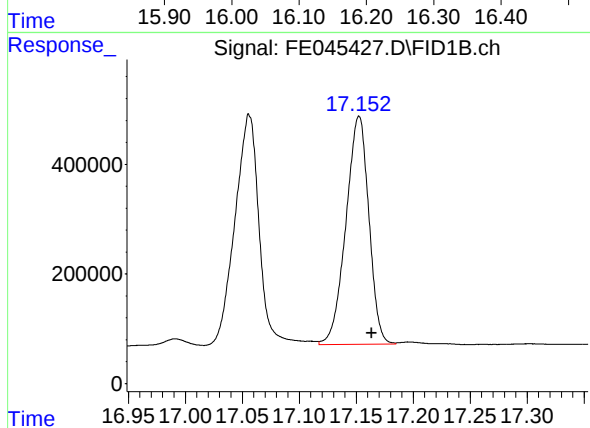
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.034 min
Response: 12323257
Conc: 83.20 ug/ml m



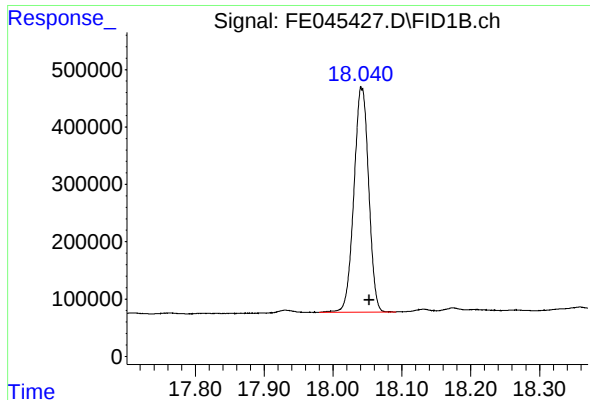
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.011 min
Response: 5761475
Conc: 39.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.011 min
Response: 5825242
Conc: 39.86 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 5844381
Conc: 38.48 ug/ml

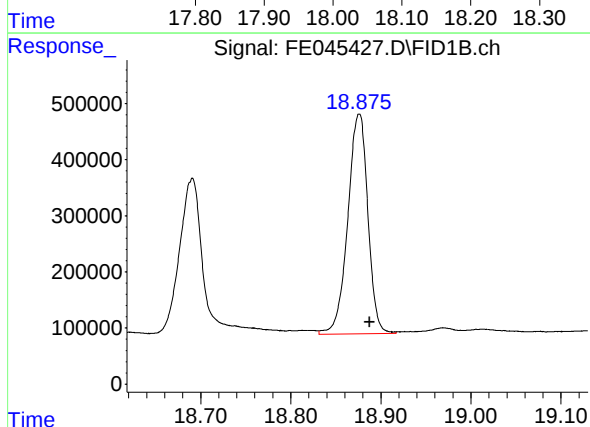
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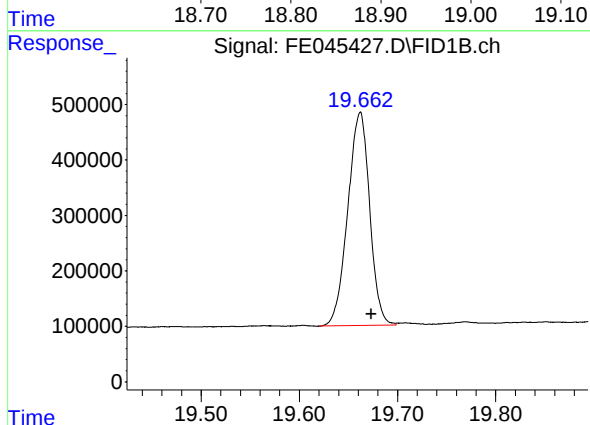
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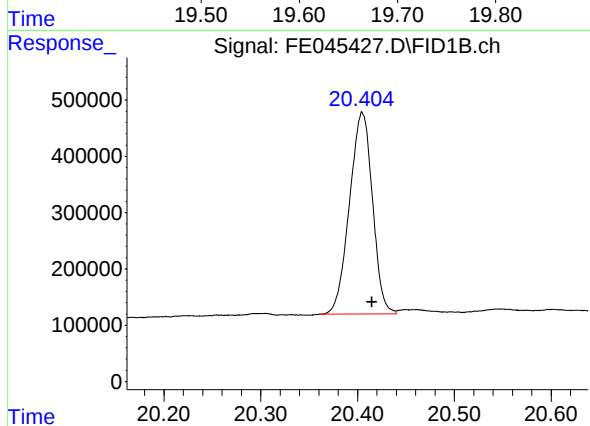
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.012 min
Response: 6079836
Conc: 38.92 ug/ml



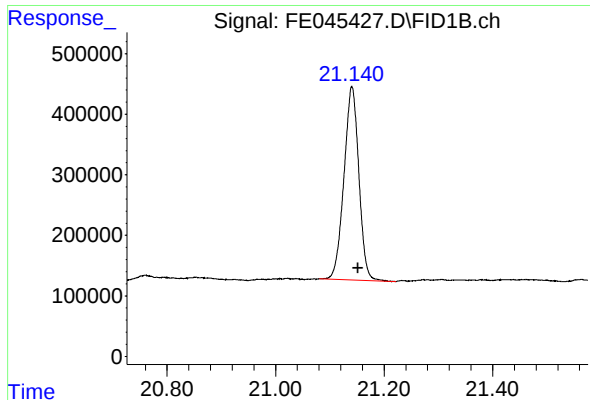
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.011 min
Response: 5956788
Conc: 38.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: -0.010 min
Response: 5922260
Conc: 36.49 ug/ml



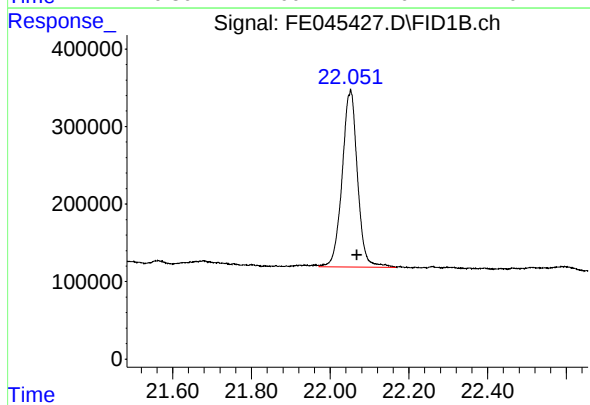
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: -0.012 min
Response: 6083959
Conc: 36.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: -0.015 min
Response: 6161178
Conc: 36.07 ug/ml