

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011425AL\
 Data File : FE051918.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jan 2025 16:12
 Operator : YP\AJ
 Sample : Q1076-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ARS20-0006MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e

Quant Time: Jan 15 01:27:47 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M

Quant Title : GC Extractables

QLast Update : Tue Jan 14 13:43:24 2025

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)	12.160	5038363	34.759 ug/mlm
Spiked Amount 50.000		Recovery =	69.52%
12) S 1-chlorooctadecane (S...	13.586	4204962	36.594 ug/mlm
Spiked Amount 50.000		Recovery =	73.19%
Target Compounds			
1) T n-Nonane (C9)	3.571	2859224	25.886 ug/ml
2) T n-Decane (C10)	4.812	3435119	30.187 ug/ml
3) T A~Naphthalene (C11.7)	6.516	4440510	34.818 ug/ml
4) T n-Dodecane (C12)	6.961	4105964	34.964 ug/ml
5) T A~2-methylnaphthalene...	7.606	4428758	35.386 ug/ml
6) T n-Tetradecane (C14)	8.784	4794101	39.985 ug/mlm
7) T n-Hexadecane (C16)	10.388	5020112	39.228 ug/mlm
8) T n-Octadecane (C18)	11.834	5290293	39.757 ug/mlm
10) T n-Eicosane (C20)	13.140	5562822	42.278 ug/mlm
11) T n-Heneicosane (C21)	13.749	5968484	45.414 ug/mlm
13) T n-Docosane (C22)	14.335	4938366	37.643 ug/mlm
14) T n-Tetracosane (C24)	15.437	9853323	74.389 ug/mlm
15) T n-Hexacosane (C26)	16.456	4833915	36.841 ug/ml
16) T n-Octacosane (C28)	17.402	4709623	36.476 ug/ml
17) T n-Tricontane (C30)	18.290	4663325	35.473 ug/ml
18) T n-Dotriacontane (C32)	19.119	4475326	35.265 ug/mlm
19) T n-Tetratriacontane (C34)	19.901	4118268	37.065 ug/ml
20) T n-Hexatriacontane (C36)	20.636	3660980	37.108 ug/mlm
21) T n-Octatriacontane (C38)	21.425	3629215	38.331 ug/mlm
22) T n-Tetracontane (C40)	22.435	3454094	37.523 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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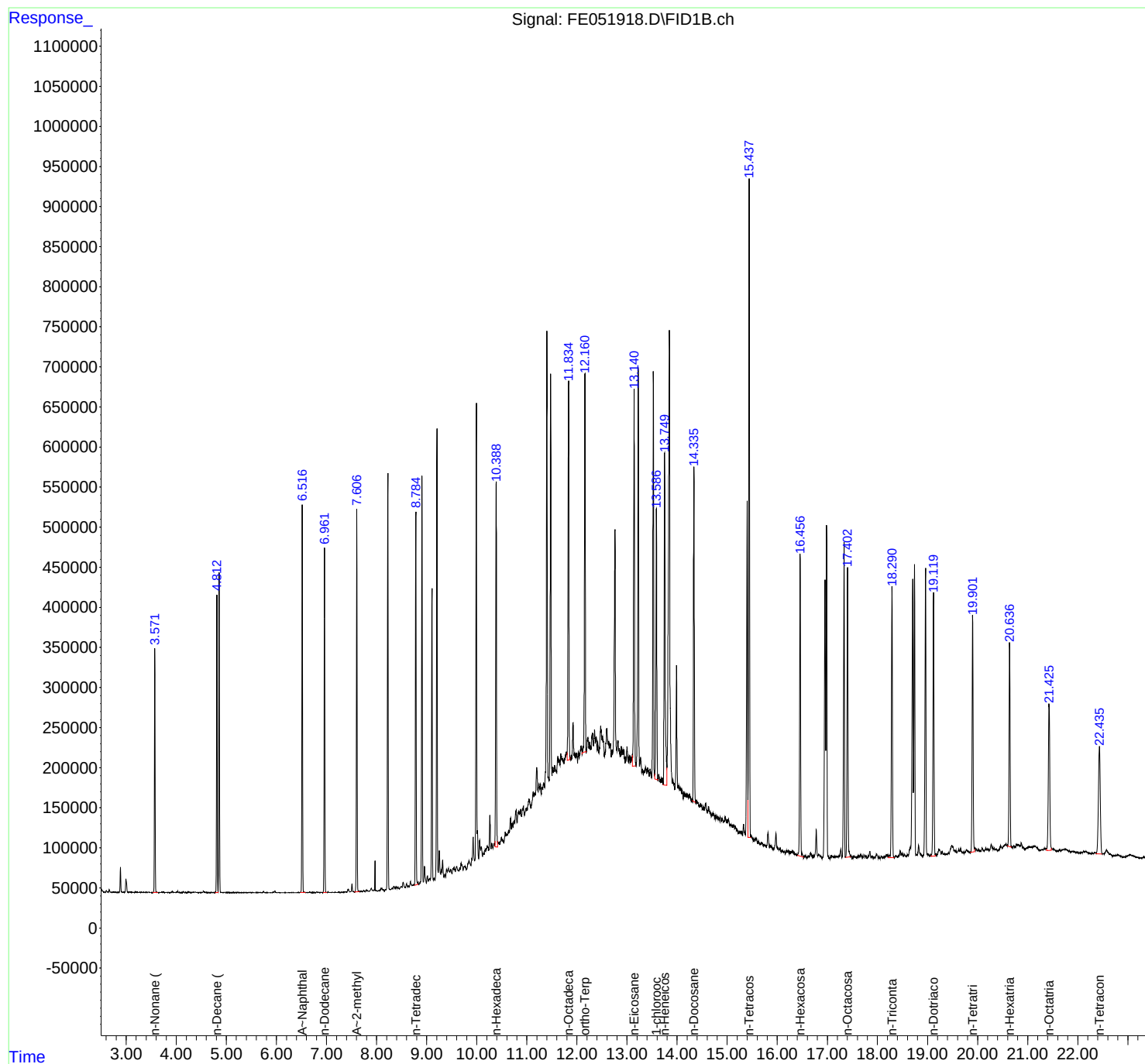
Instrument :
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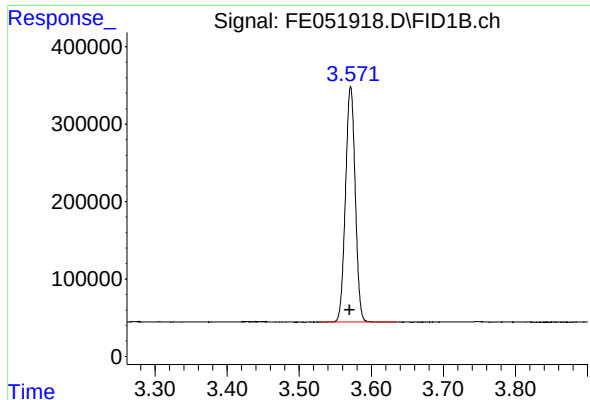
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Signal Phase : Rxi-1ms
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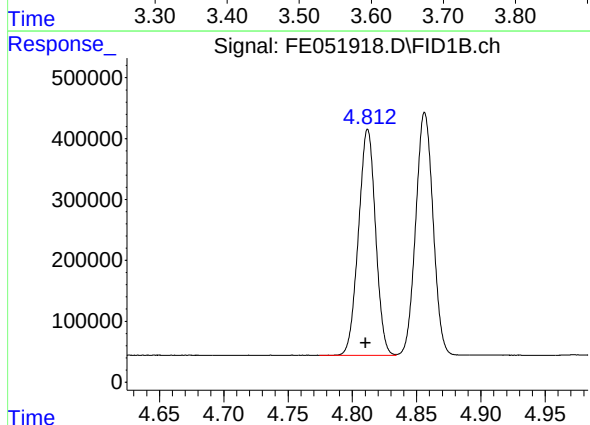
#1 n-Nonane (C9)

R.T.: 3.571 min
Delta R.T.: 0.001 min
Response: 2859224
Conc: 25.89 ug/ml

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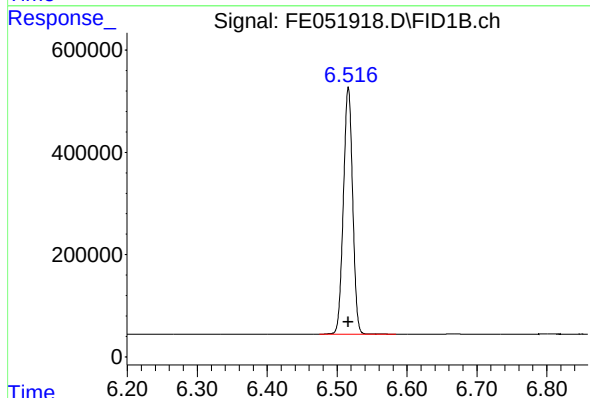
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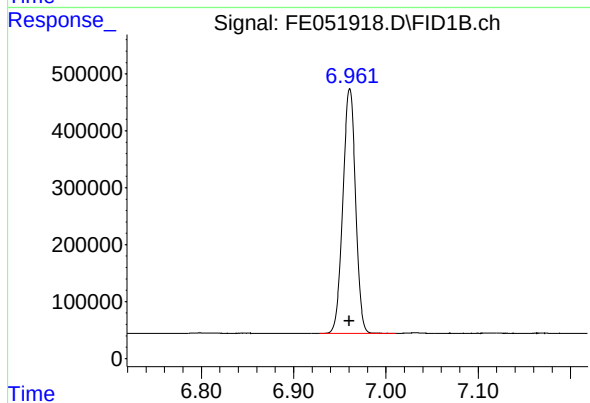
#2 n-Decane (C10)

R.T.: 4.812 min
Delta R.T.: 0.002 min
Response: 3435119
Conc: 30.19 ug/ml



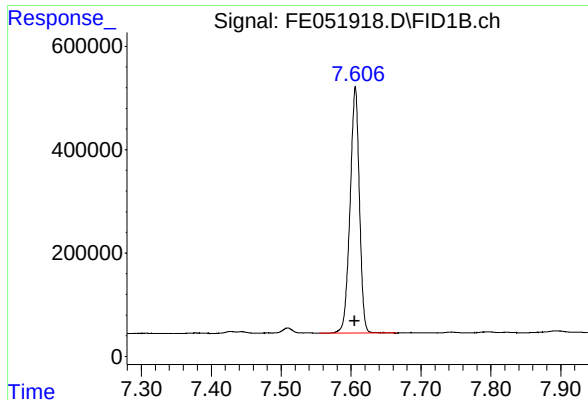
#3 A~Naphthalene (C11.7)

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 4440510
Conc: 34.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 4105964
Conc: 34.96 ug/ml



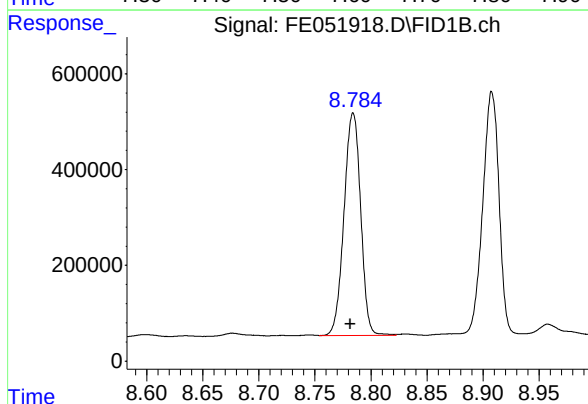
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.606 min
Delta R.T.: 0.001 min
Response: 4428758
Conc: 35.39 ug/ml

Instrument :
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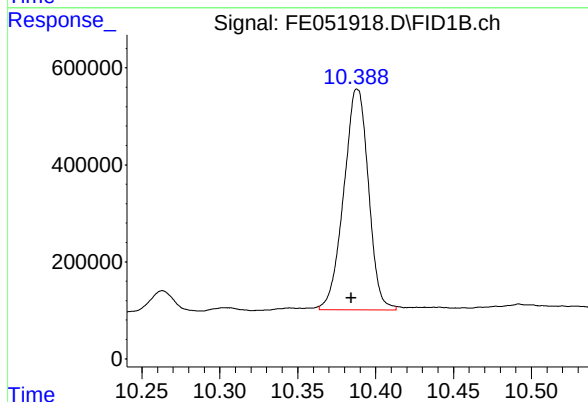
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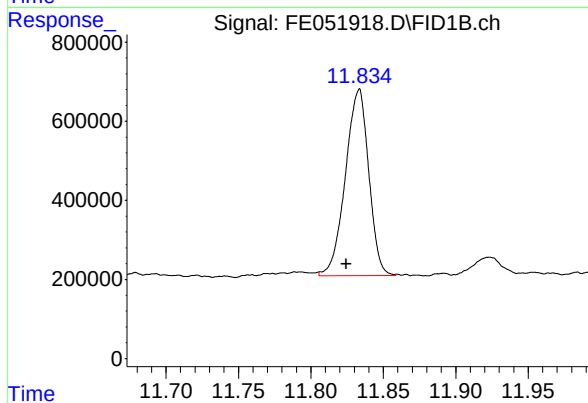
#6 n-Tetradecane (C14)

R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 4794101
Conc: 39.99 ug/ml m



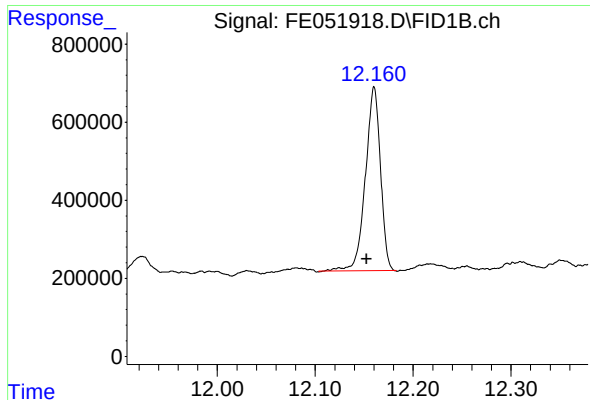
#7 n-Hexadecane (C16)

R.T.: 10.388 min
Delta R.T.: 0.003 min
Response: 5020112
Conc: 39.23 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.834 min
Delta R.T.: 0.009 min
Response: 5290293
Conc: 39.76 ug/ml m



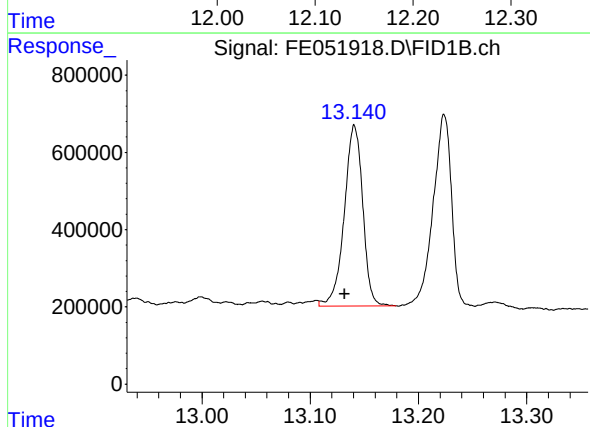
#9 ortho-Terphenyl (SURR)

R.T.: 12.160 min
Delta R.T.: 0.007 min
Response: 5038363
Conc: 34.76 ug/ml

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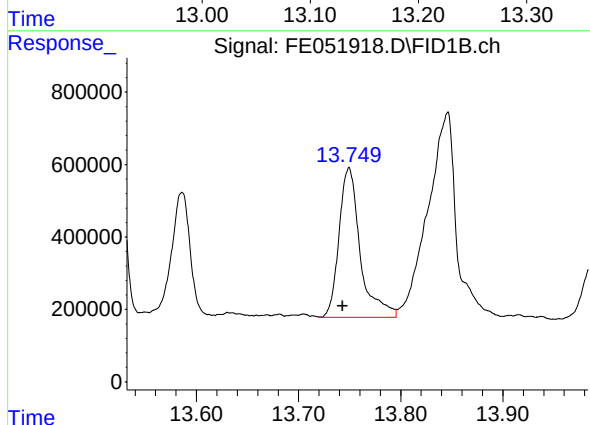
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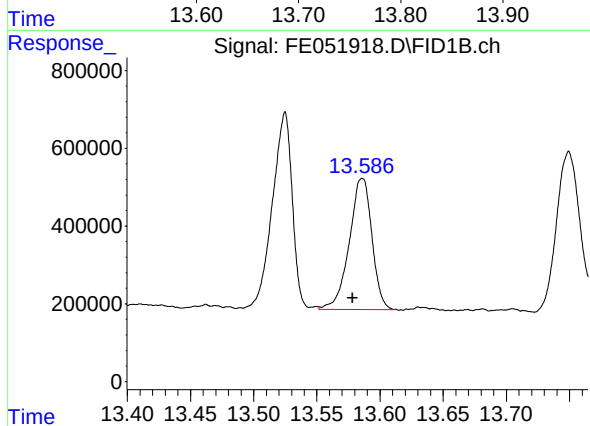
#10 n-Eicosane (C20)

R.T.: 13.140 min
Delta R.T.: 0.008 min
Response: 5562822
Conc: 42.28 ug/ml m



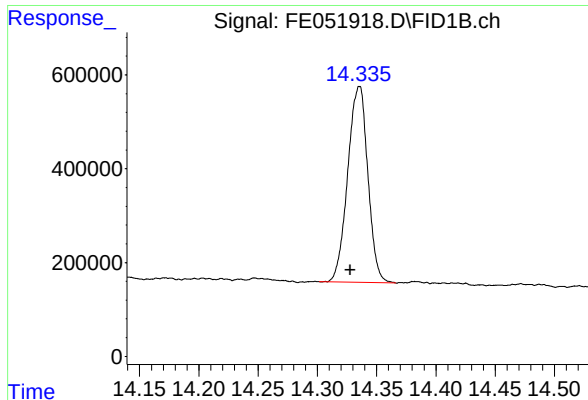
#11 n-Heneicosane (C21)

R.T.: 13.749 min
Delta R.T.: 0.006 min
Response: 5968484
Conc: 45.41 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.586 min
Delta R.T.: 0.007 min
Response: 4204962
Conc: 36.59 ug/ml m



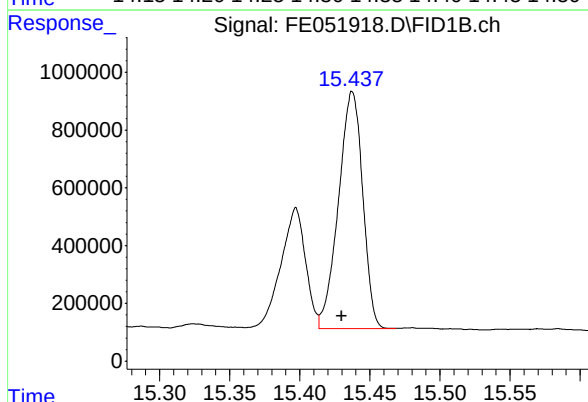
#13 n-Docosane (C22)

R.T.: 14.335 min
Delta R.T.: 0.007 min
Response: 4938366
Conc: 37.64 ug/ml

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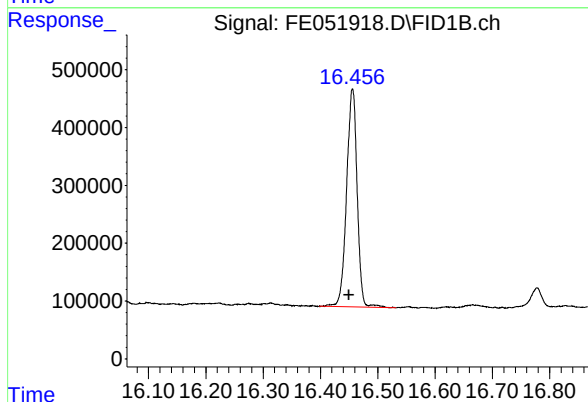
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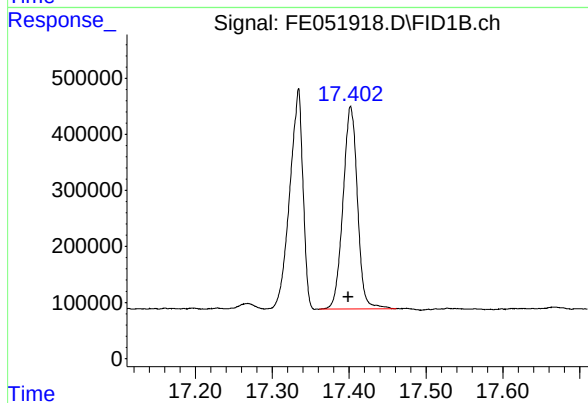
#14 n-Tetracosane (C24)

R.T.: 15.437 min
Delta R.T.: 0.007 min
Response: 9853323
Conc: 74.39 ug/ml



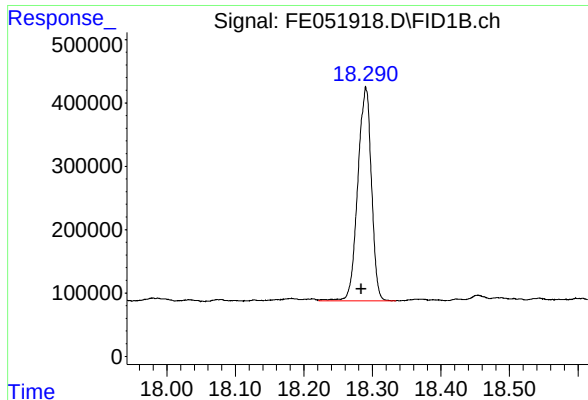
#15 n-Hexacosane (C26)

R.T.: 16.456 min
Delta R.T.: 0.006 min
Response: 4833915
Conc: 36.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.402 min
Delta R.T.: 0.003 min
Response: 4709623
Conc: 36.48 ug/ml



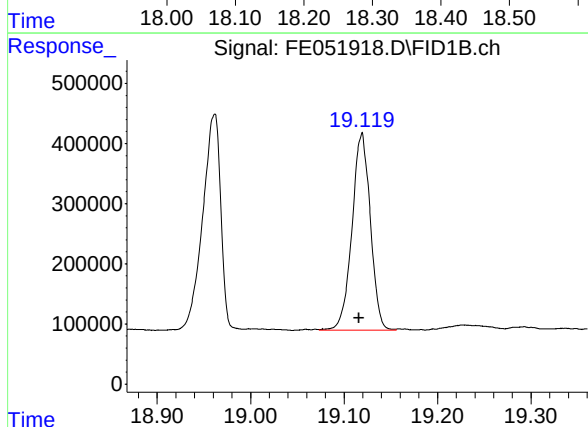
#17 n-Tricontane (C30)

R.T.: 18.290 min
Delta R.T.: 0.006 min
Response: 4663325
Conc: 35.47 ug/ml

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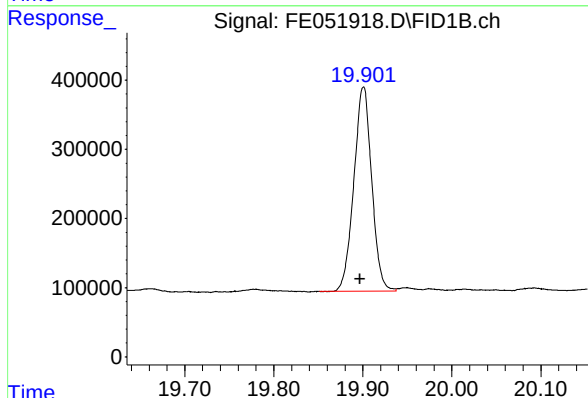
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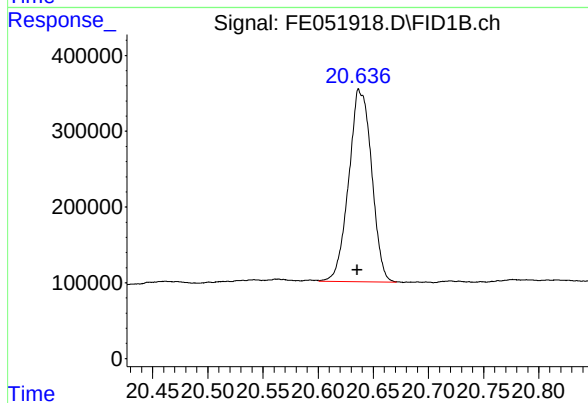
#18 n-Dotriacontane (C32)

R.T.: 19.119 min
Delta R.T.: 0.003 min
Response: 4475326
Conc: 35.26 ug/ml m



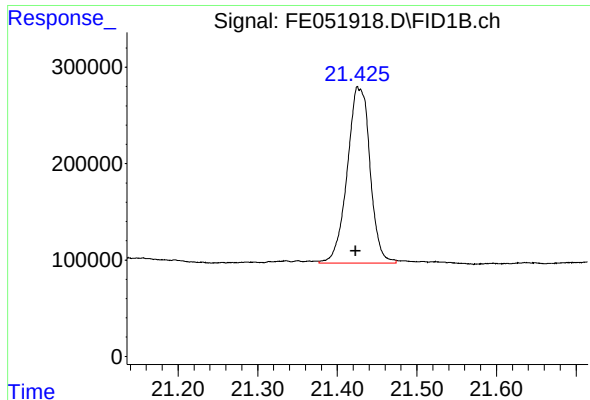
#19 n-Tetratriacontane (C34)

R.T.: 19.901 min
Delta R.T.: 0.004 min
Response: 4118268
Conc: 37.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.636 min
Delta R.T.: 0.000 min
Response: 3660980
Conc: 37.11 ug/ml m



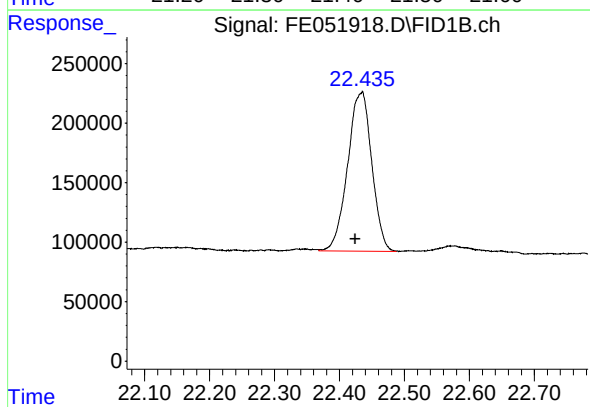
#21 n-Octatriacontane (C38)

R.T.: 21.425 min
Delta R.T.: 0.002 min
Response: 3629215
Conc: 38.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.011 min
Response: 3454094
Conc: 37.52 ug/ml m