

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE12222AL\
 Data File : FE039443.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2022 18:33
 Operator : YP\AJ
 Sample : N6163-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-122022MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2022
 Supervised By :Ankita Jodhani 12/23/2022

Integration File: autoint1.e
 Quant Time: Dec 23 02:36:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.935	5325026	35.683 ug/ml
Spiked Amount 50.000		Recovery =	71.37%
12) S 1-chlorooctadecane (S...	13.374	34942478	303.586 ug/ml
Spiked Amount 50.000		Recovery =	607.17%
Target Compounds			
1) T n-Nonane (C9)	3.328	4329456	33.495 ug/ml
2) T n-Decane (C10)	4.578	4956193	38.896 ug/ml
3) T A~Naphthalene (C11.7)	6.279	4656851	32.214 ug/ml
4) T n-Dodecane (C12)	6.741	5813343	44.778 ug/ml
5) T A~2-methylnaphthalene...	7.375	4904068	36.211 ug/ml
6) T n-Tetradecane (C14)	8.569	6609737	49.881 ug/ml
7) T n-Hexadecane (C16)	10.175	7674571	55.785 ug/ml
8) T n-Octadecane (C18)	11.618	8272098	59.060 ug/ml
10) T n-Eicosane (C20)	12.928	8241400	60.374 ug/ml
11) T n-Heneicosane (C21)	13.541	8089846	59.313 ug/ml
13) T n-Docosane (C22)	14.126	8283120	61.232 ug/ml
14) T n-Tetracosane (C24)	15.227	6088878	45.358 ug/ml
15) T n-Hexacosane (C26)	16.250	8004529	61.474 ug/ml
16) T n-Octacosane (C28)	17.199	7962434	61.867 ug/ml
17) T n-Tricontane (C30)	18.088	7647355	59.397 ug/mlm
18) T n-Dotriacontane (C32)	18.920	7558493	58.366 ug/ml
19) T n-Tetratriacontane (C34)	19.703	7007506	55.544 ug/ml
20) T n-Hexatriacontane (C36)	20.444	5926277	49.011 ug/ml
21) T n-Octatriacontane (C38)	21.182	6498744	52.622 ug/ml
22) T n-Tetracontane (C40)	22.097	4961383	39.507 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

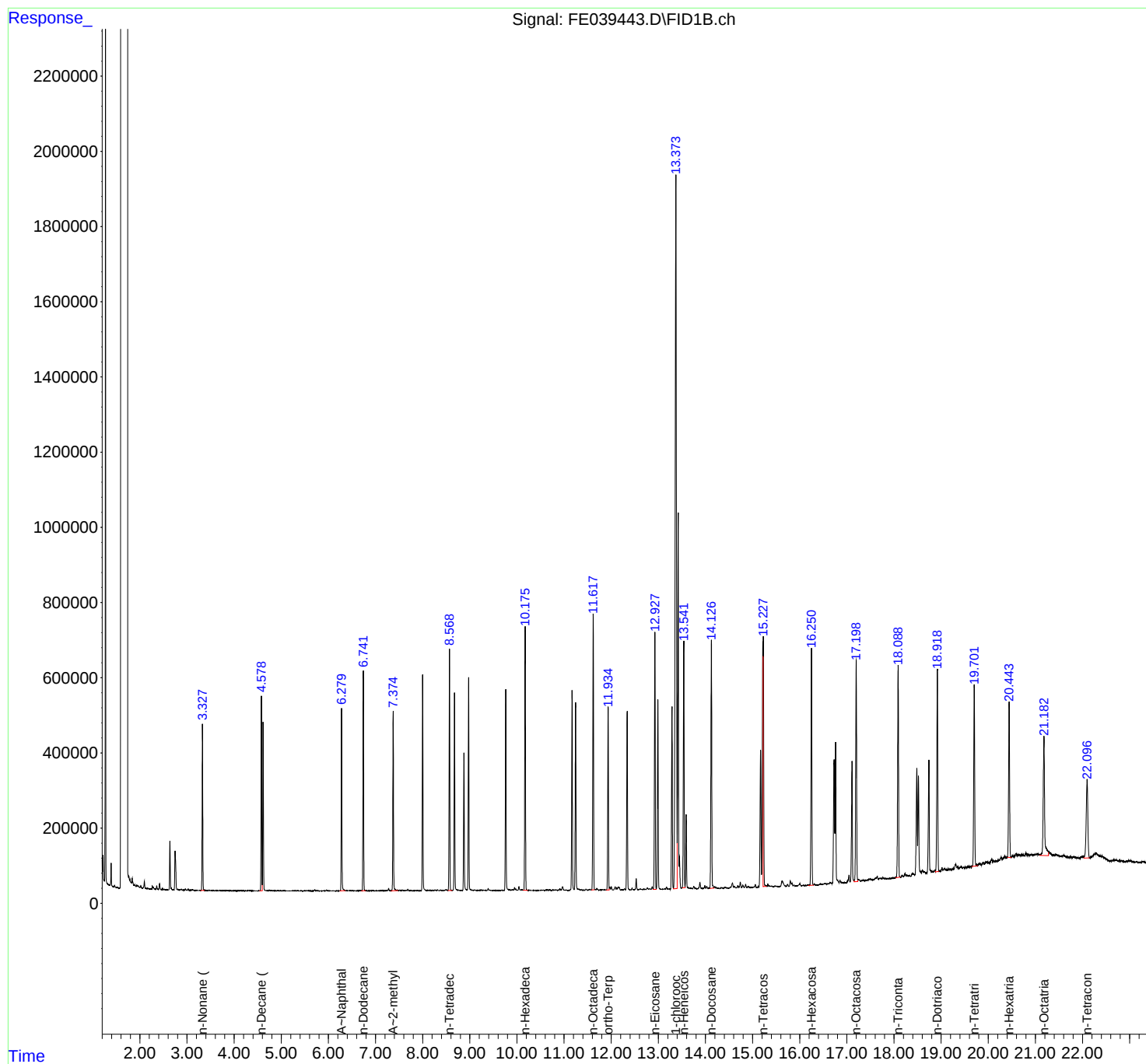
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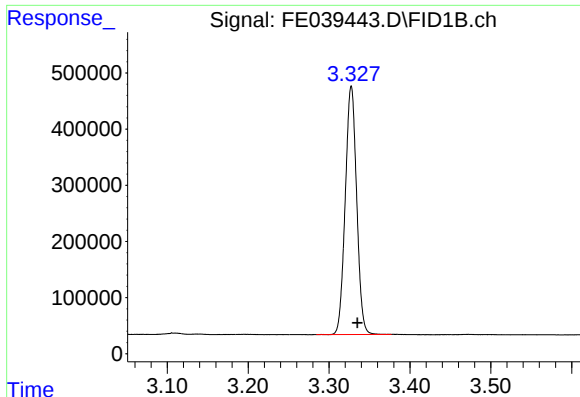
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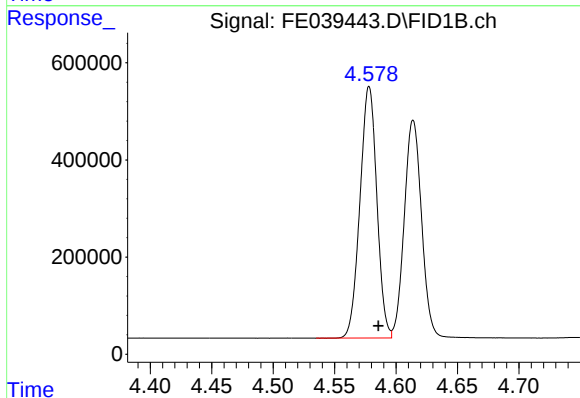
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 4329456
Conc: 33.49 ug/ml

Instrument :
FID_E
ClientSampleId :
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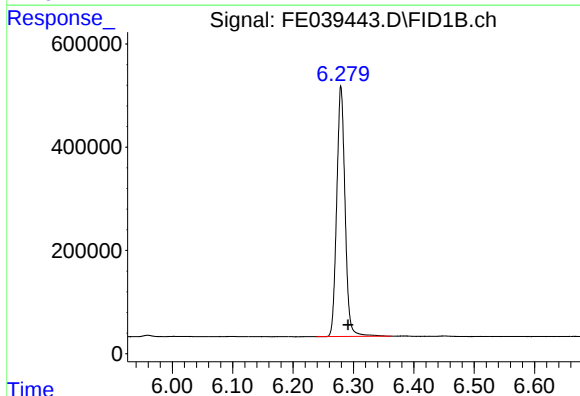
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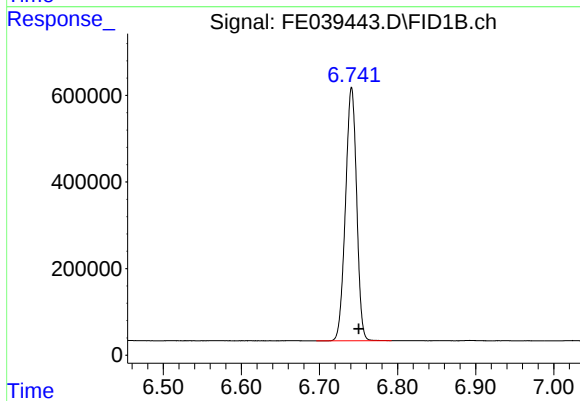
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.008 min
Response: 4956193
Conc: 38.90 ug/ml



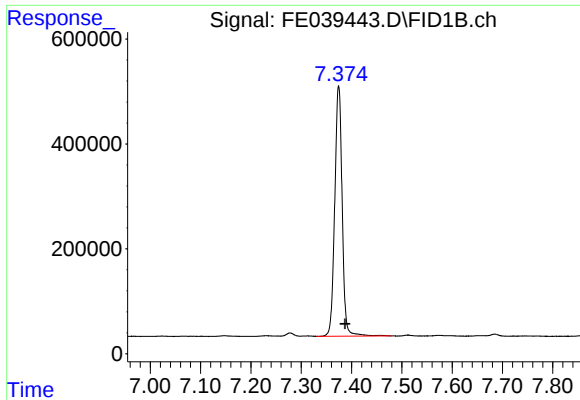
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.012 min
Response: 4656851
Conc: 32.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.009 min
Response: 5813343
Conc: 44.78 ug/ml



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

R.T.: 7.375 min
Delta R.T.: -0.012 min
Response: 4904068
Conc: 36.21 ug/ml

Instrument :

FID_E

ClientSampleId :

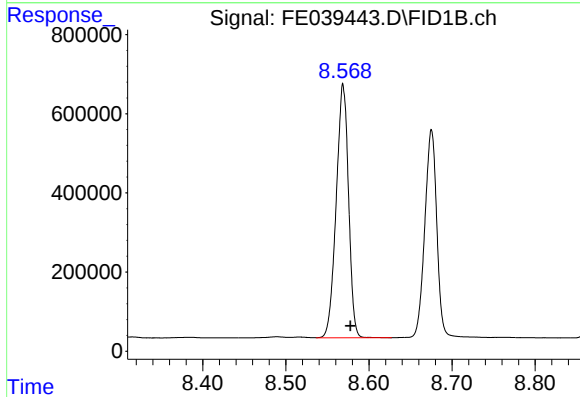
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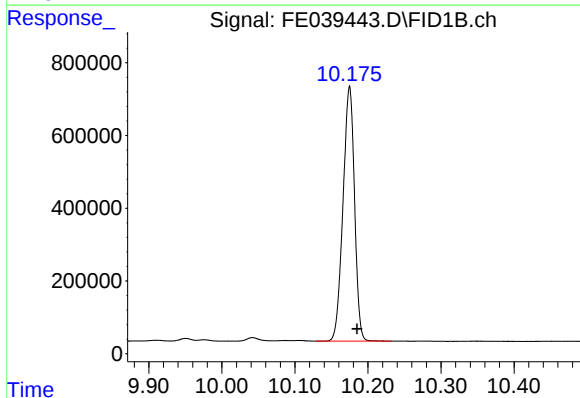
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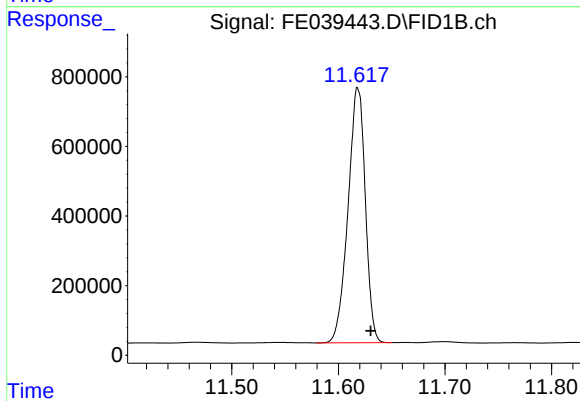
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.009 min
Response: 6609737
Conc: 49.88 ug/ml



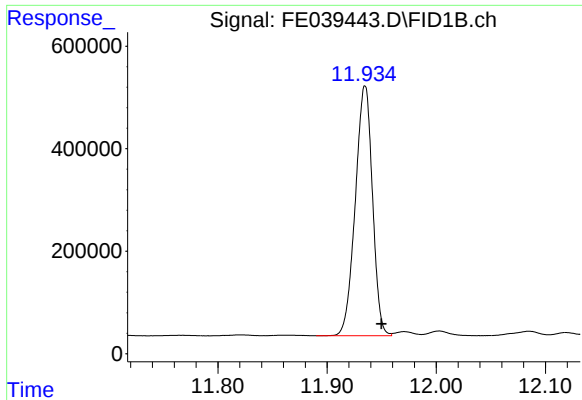
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.010 min
Response: 7674571
Conc: 55.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.012 min
Response: 8272098
Conc: 59.06 ug/ml



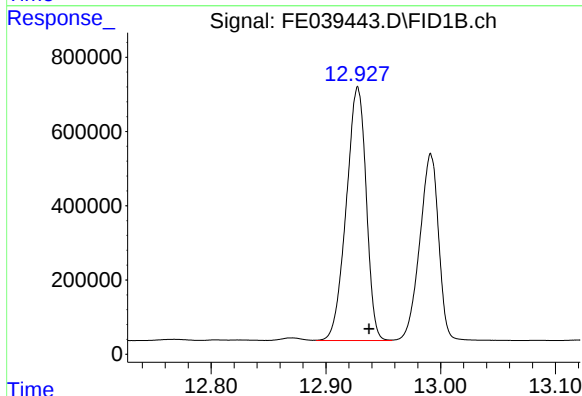
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.015 min
Response: 5325026
Conc: 35.68 ug/ml

Instrument :
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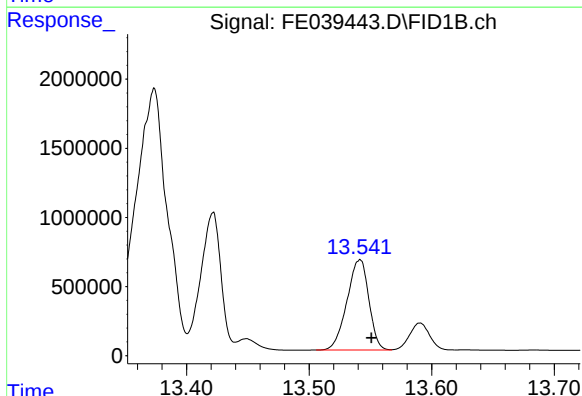
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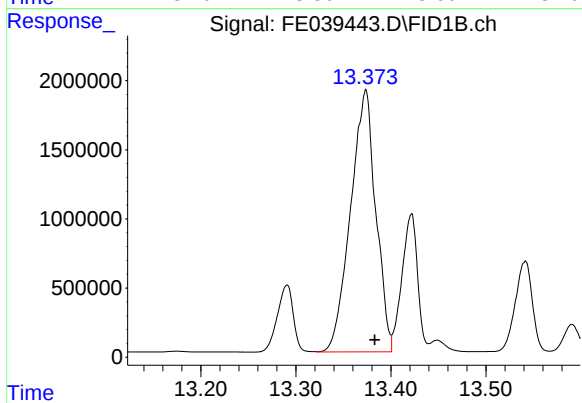
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.010 min
Response: 8241400
Conc: 60.37 ug/ml



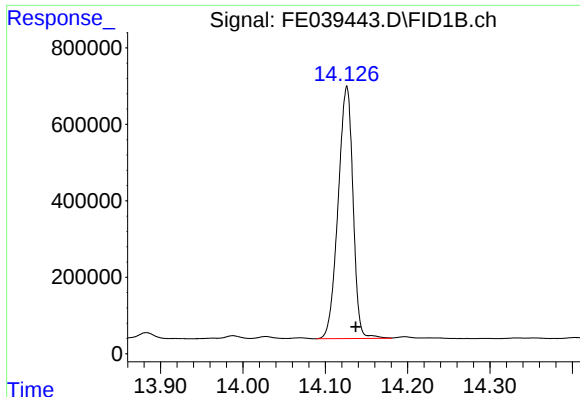
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.009 min
Response: 8089846
Conc: 59.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.009 min
Response: 34942478
Conc: 303.59 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.011 min
Response: 8283120
Conc: 61.23 ug/ml

Instrument :

FID_E

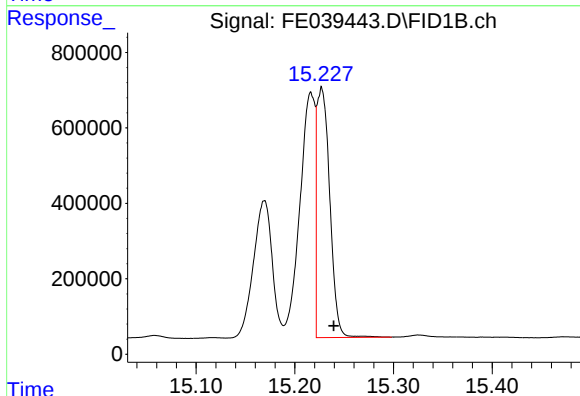
ClientSampleId :

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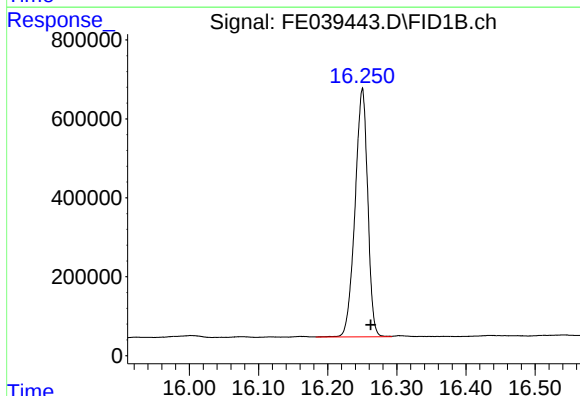
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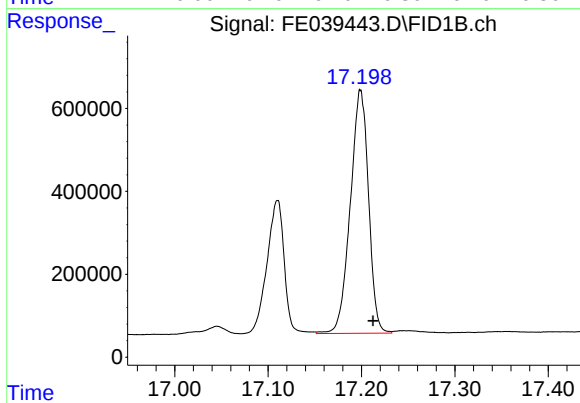
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.012 min
Response: 6088878
Conc: 45.36 ug/ml



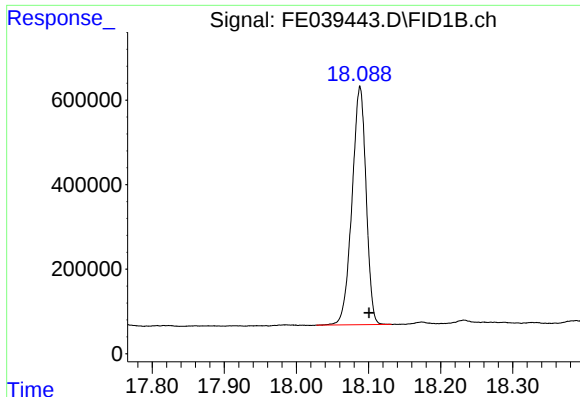
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.012 min
Response: 8004529
Conc: 61.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.013 min
Response: 7962434
Conc: 61.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.013 min
Response: 7647355
Conc: 59.40 ug/ml

Instrument :

FID_E

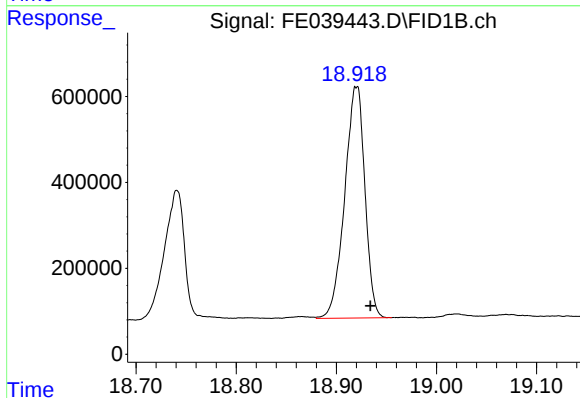
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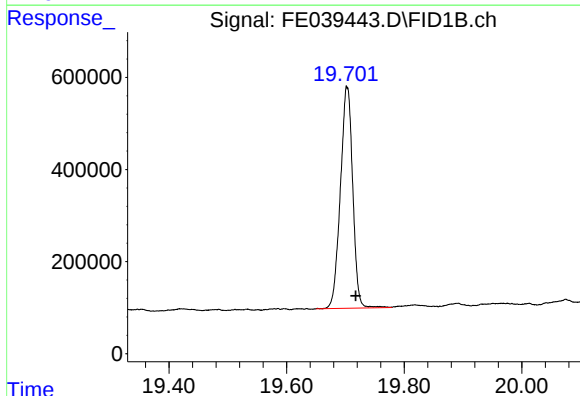
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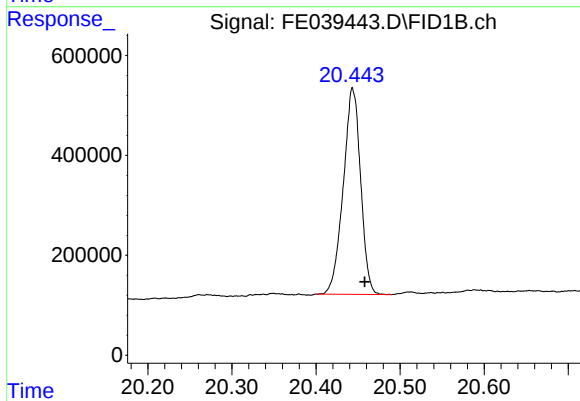
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.014 min
Response: 7558493
Conc: 58.37 ug/ml



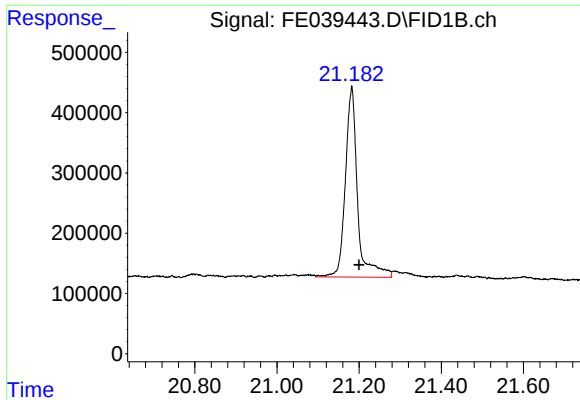
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.015 min
Response: 7007506
Conc: 55.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.014 min
Response: 5926277
Conc: 49.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.018 min
Response: 6498744
Conc: 52.62 ug/ml

Instrument :

FID_E

ClientSampleId :

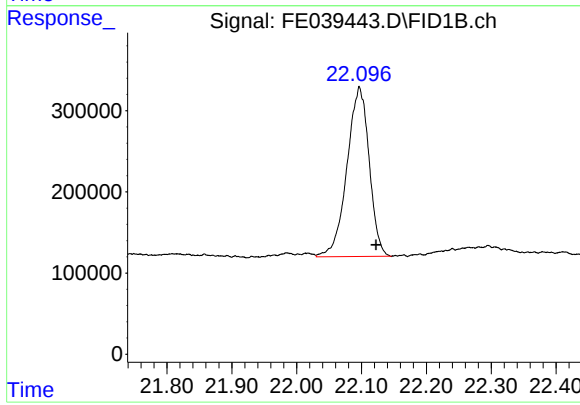
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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.026 min
Response: 4961383
Conc: 39.51 ug/ml