

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
 Data File : FE044738.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2023 19:20
 Operator : YP\AJ
 Sample : 04800-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

EO-01-100623MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2023

Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e

Quant Time: Oct 09 23:45:39 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 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)	11.917	6217503	33.118 ug/ml
Spiked Amount 50.000		Recovery =	66.24%
12) S 1-chlorooctadecane (S...	13.357	4862527	35.742 ug/ml
Spiked Amount 50.000		Recovery =	71.48%
Target Compounds			
1) T n-Nonane (C9)	3.299	3939715	24.267 ug/ml
2) T n-Decane (C10)	4.552	4568382	27.589 ug/ml
3) T A~Naphthalene (C11.7)	6.251	5163554	28.881 ug/ml
4) T n-Dodecane (C12)	6.716	5099086	30.656 ug/ml
5) T A~2-methylnaphthalene...	7.347	5387377	31.489 ug/ml
6) T n-Tetradecane (C14)	8.545	5681833	34.610 ug/ml
7) T n-Hexadecane (C16)	10.155	6083181	35.909 ug/ml
8) T n-Octadecane (C18)	11.601	6278422	36.978 ug/ml
10) T n-Eicosane (C20)	12.913	6312715	39.236 ug/ml
11) T n-Heneicosane (C21)	13.526	6012106	38.395 ug/ml
13) T n-Docosane (C22)	14.112	5950559	38.582 ug/ml
14) T n-Tetracosane (C24)	15.195	11196587	74.068 ug/mlm
15) T n-Hexacosane (C26)	16.243	5599265	38.065 ug/ml
16) T n-Octacosane (C28)	17.193	5505022	38.383 ug/ml
17) T n-Tricontane (C30)	18.084	5515972	37.211 ug/ml
18) T n-Dotriacontane (C32)	18.918	5342558	36.090 ug/ml
19) T n-Tetratriacontane (C34)	19.703	5350604	36.612 ug/ml
20) T n-Hexatriacontane (C36)	20.443	4950793	34.131 ug/ml
21) T n-Octatriacontane (C38)	21.187	4805500	32.082 ug/ml
22) T n-Tetracontane (C40)	22.107	4904606	31.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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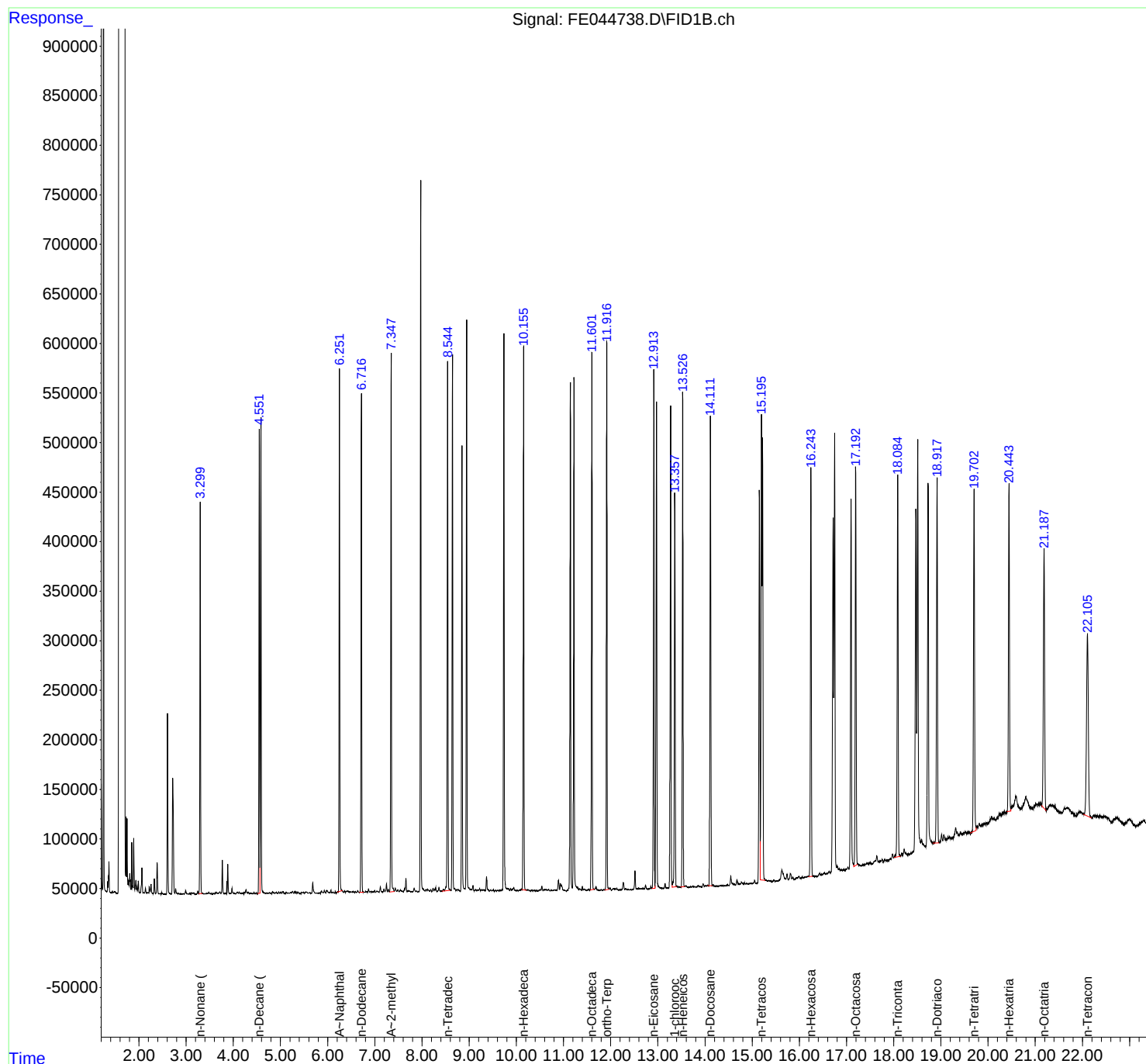
Instrument :
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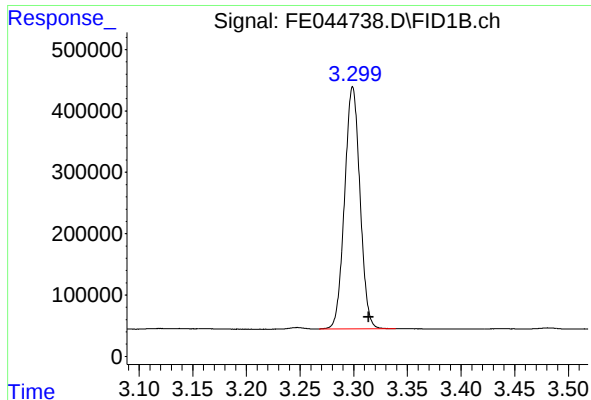
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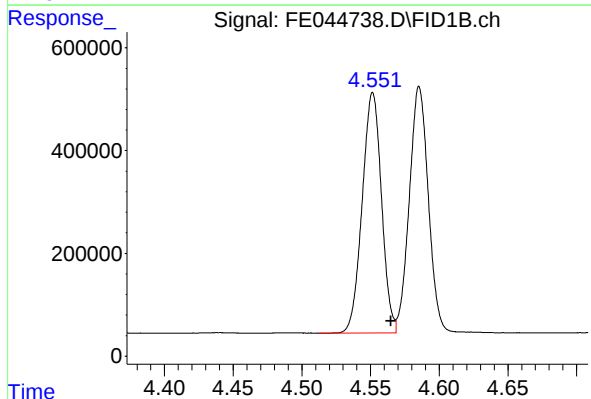
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.015 min
Response: 3939715
Conc: 24.27 ug/ml

Instrument :
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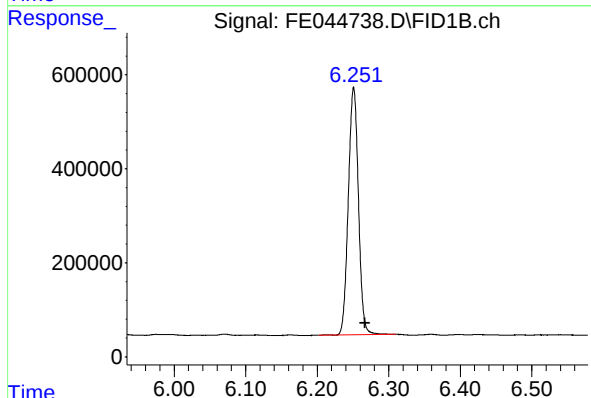
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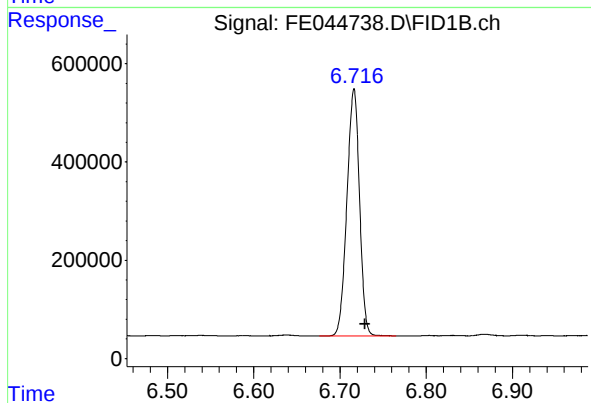
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.013 min
Response: 4568382
Conc: 27.59 ug/ml



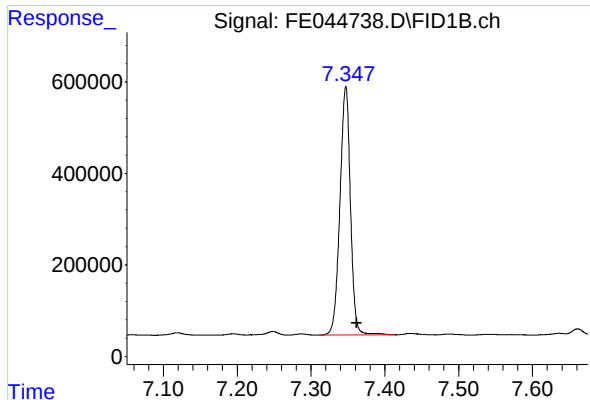
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.015 min
Response: 5163554
Conc: 28.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 5099086
Conc: 30.66 ug/ml



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

R.T.: 7.347 min
Delta R.T.: -0.015 min
Response: 5387377
Conc: 31.49 ug/ml

Instrument :

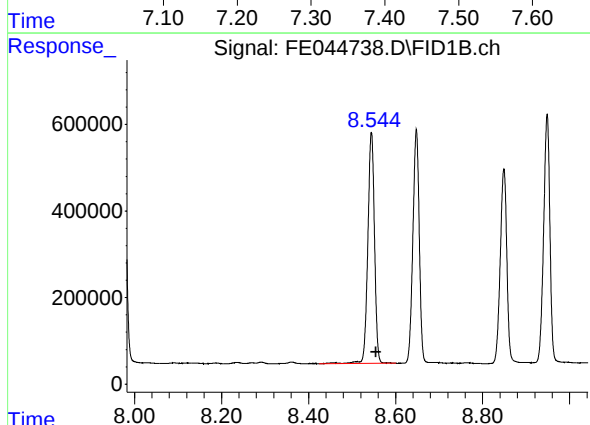
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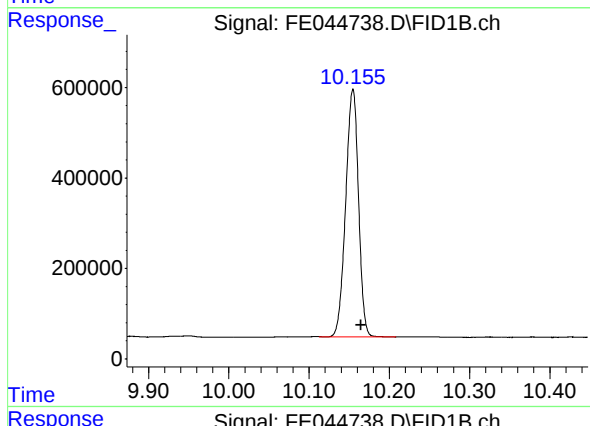
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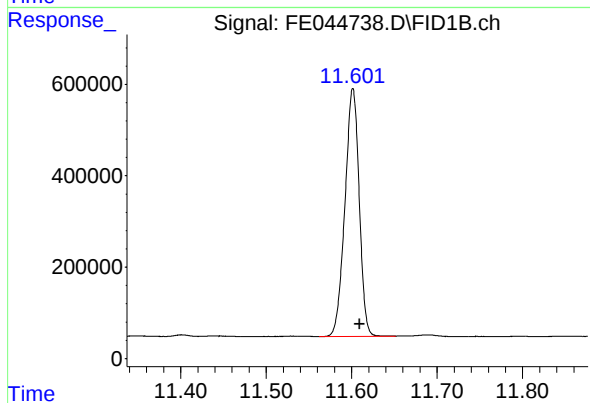
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 5681833
Conc: 34.61 ug/ml



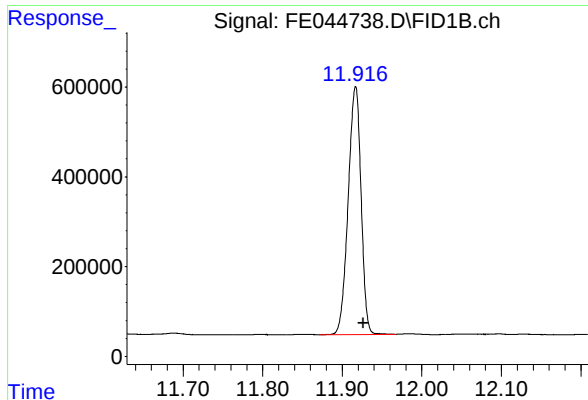
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.010 min
Response: 6083181
Conc: 35.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.601 min
Delta R.T.: -0.008 min
Response: 6278422
Conc: 36.98 ug/ml



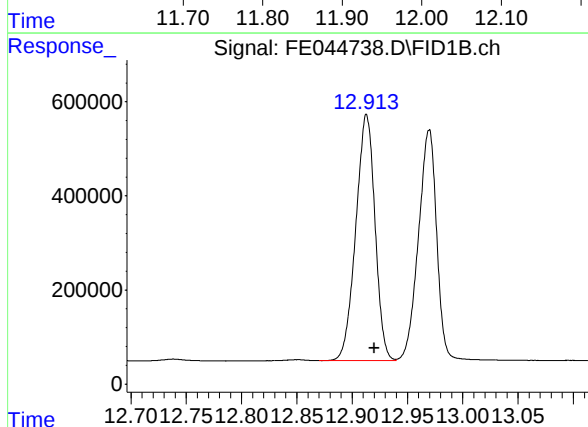
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: -0.009 min
Response: 6217503
Conc: 33.12 ug/ml

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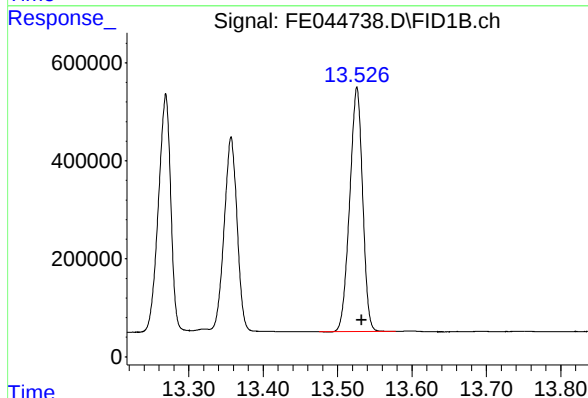
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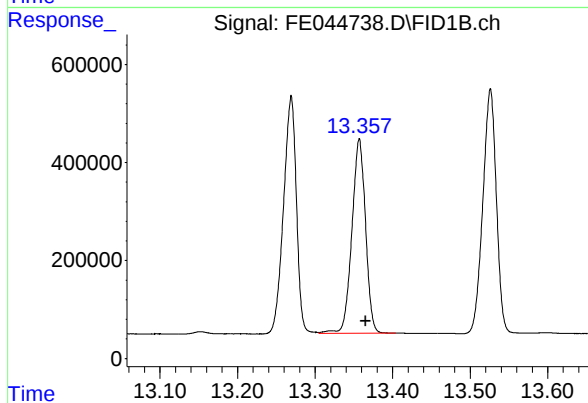
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 6312715
Conc: 39.24 ug/ml



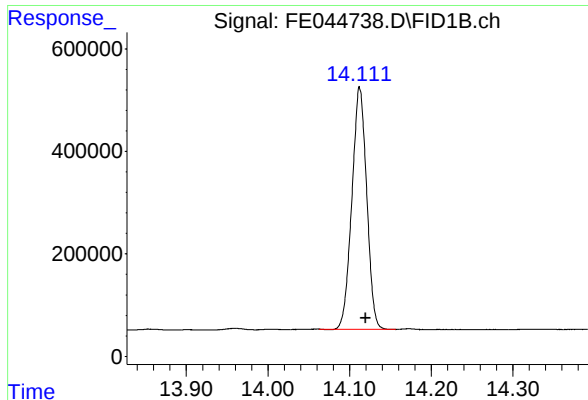
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.006 min
Response: 6012106
Conc: 38.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.008 min
Response: 4862527
Conc: 35.74 ug/ml



#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.007 min
Response: 5950559
Conc: 38.58 ug/ml

Instrument :

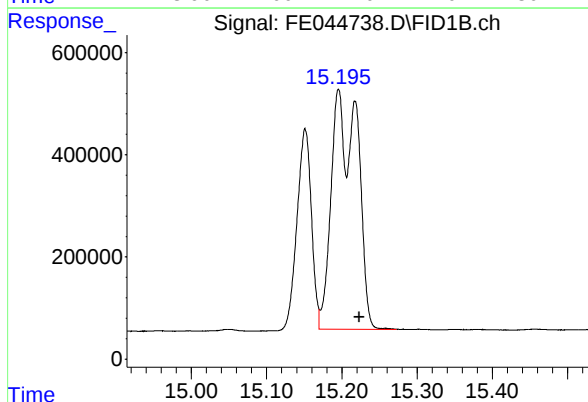
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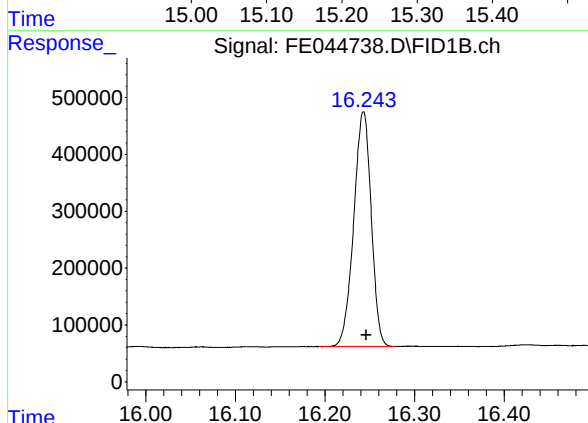
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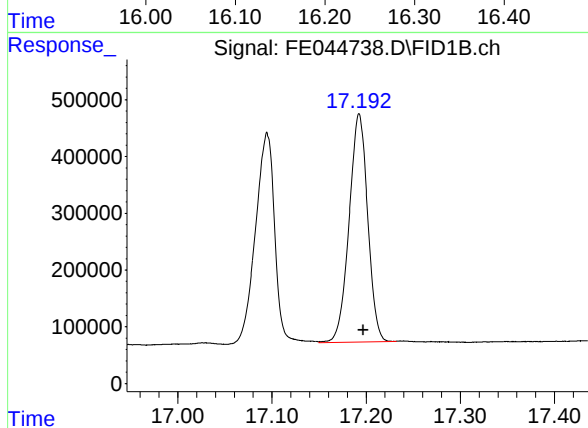
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.028 min
Response: 11196587
Conc: 74.07 ug/ml m



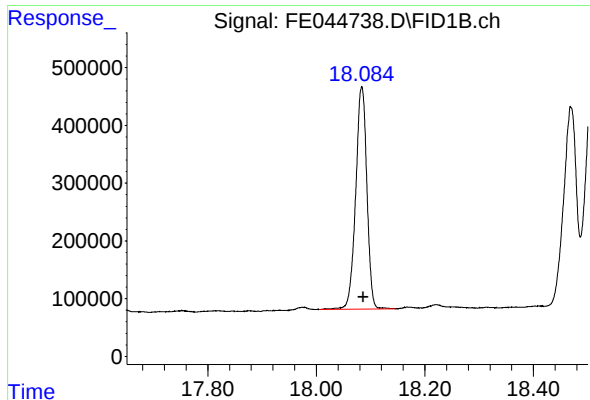
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.003 min
Response: 5599265
Conc: 38.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.005 min
Response: 5505022
Conc: 38.38 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: -0.003 min
Response: 5515972
Conc: 37.21 ug/ml

Instrument :

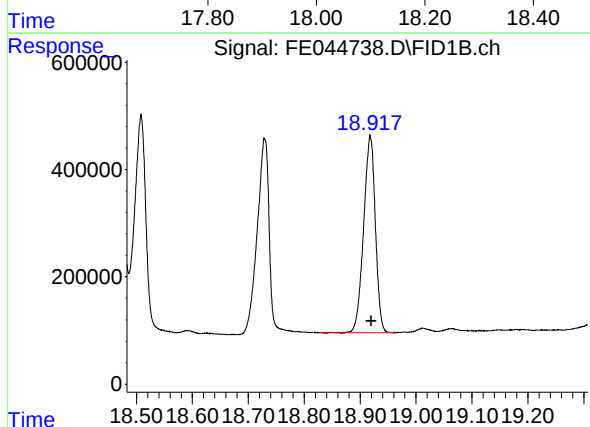
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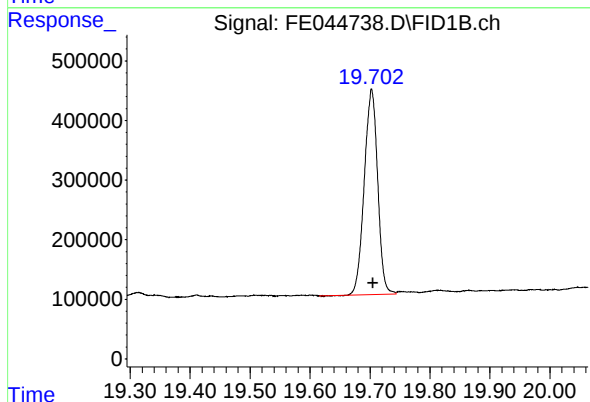
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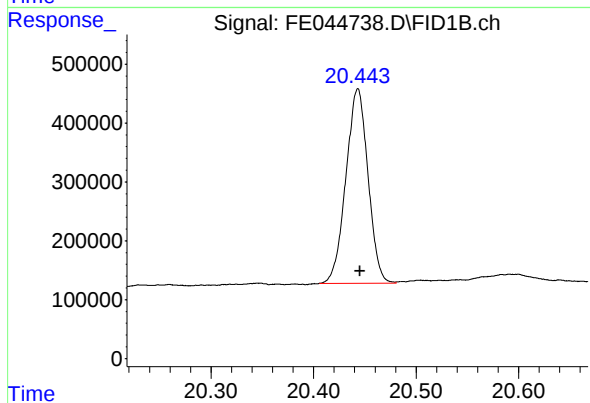
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.001 min
Response: 5342558
Conc: 36.09 ug/ml



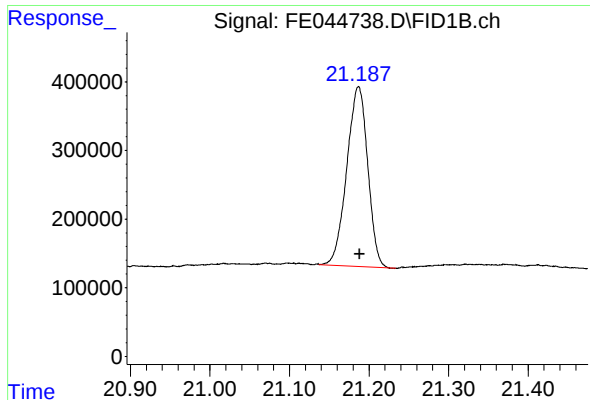
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 5350604
Conc: 36.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 4950793
Conc: 34.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.002 min
Response: 4805500
Conc: 32.08 ug/ml

Instrument :

FID_E

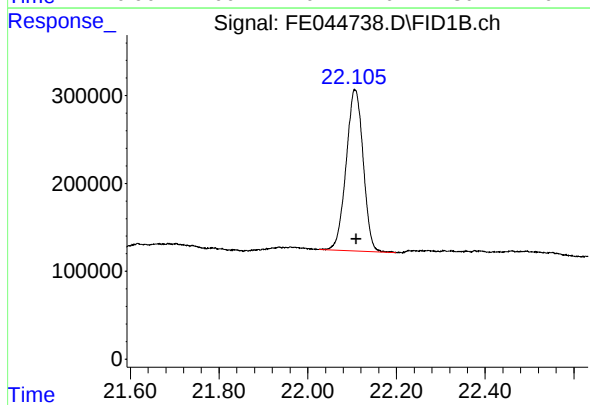
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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.003 min
Response: 4904606
Conc: 31.08 ug/ml