

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091923AL\
 Data File : FE044349.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2023 20:01
 Operator : YP\AJ
 Sample : 04479-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

1028MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/20/2023

Supervised By :Ankita Jodhani 09/20/2023

Integration File: autoint1.e

Quant Time: Sep 20 01:41:34 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.934	5001916	26.402 ug/ml
Spiked Amount 50.000		Recovery =	52.80%
12) S 1-chlorooctadecane (S...	13.374	4300558	31.130 ug/ml
Spiked Amount 50.000		Recovery =	62.26%
Target Compounds			
1) T n-Nonane (C9)	3.316	3160099	19.371 ug/ml
2) T n-Decane (C10)	4.569	3710228	22.322 ug/ml
3) T A~Naphthalene (C11.7)	6.272	4104253	22.920 ug/ml
4) T n-Dodecane (C12)	6.734	4265112	25.361 ug/ml
5) T A~2-methylnaphthalene...	7.368	4333693	25.279 ug/ml
6) T n-Tetradecane (C14)	8.563	4686965	27.947 ug/ml
7) T n-Hexadecane (C16)	10.171	4950943	28.645 ug/ml
8) T n-Octadecane (C18)	11.617	4895466	28.123 ug/ml
10) T n-Eicosane (C20)	12.929	4995963	30.203 ug/ml
11) T n-Heneicosane (C21)	13.542	4832031	29.873 ug/ml
13) T n-Docosane (C22)	14.128	5021365	31.431 ug/ml
14) T n-Tetracosane (C24)	15.221	9327593	59.648 ug/ml
15) T n-Hexacosane (C26)	16.259	4595585	30.484 ug/ml
16) T n-Octacosane (C28)	17.210	5114872	35.443 ug/mlm
17) T n-Tricontane (C30)	18.102	4820016	33.177 ug/mlm
18) T n-Dotriacontane (C32)	18.939	4507687	31.645 ug/mlm
19) T n-Tetratriacontane (C34)	19.726	5052177	36.103 ug/mlm
20) T n-Hexatriacontane (C36)	20.471	4807881	35.070 ug/mlm
21) T n-Octatriacontane (C38)	21.221	5802395	41.799 ug/mlm
22) T n-Tetracontane (C40)	22.152	5209238	37.677 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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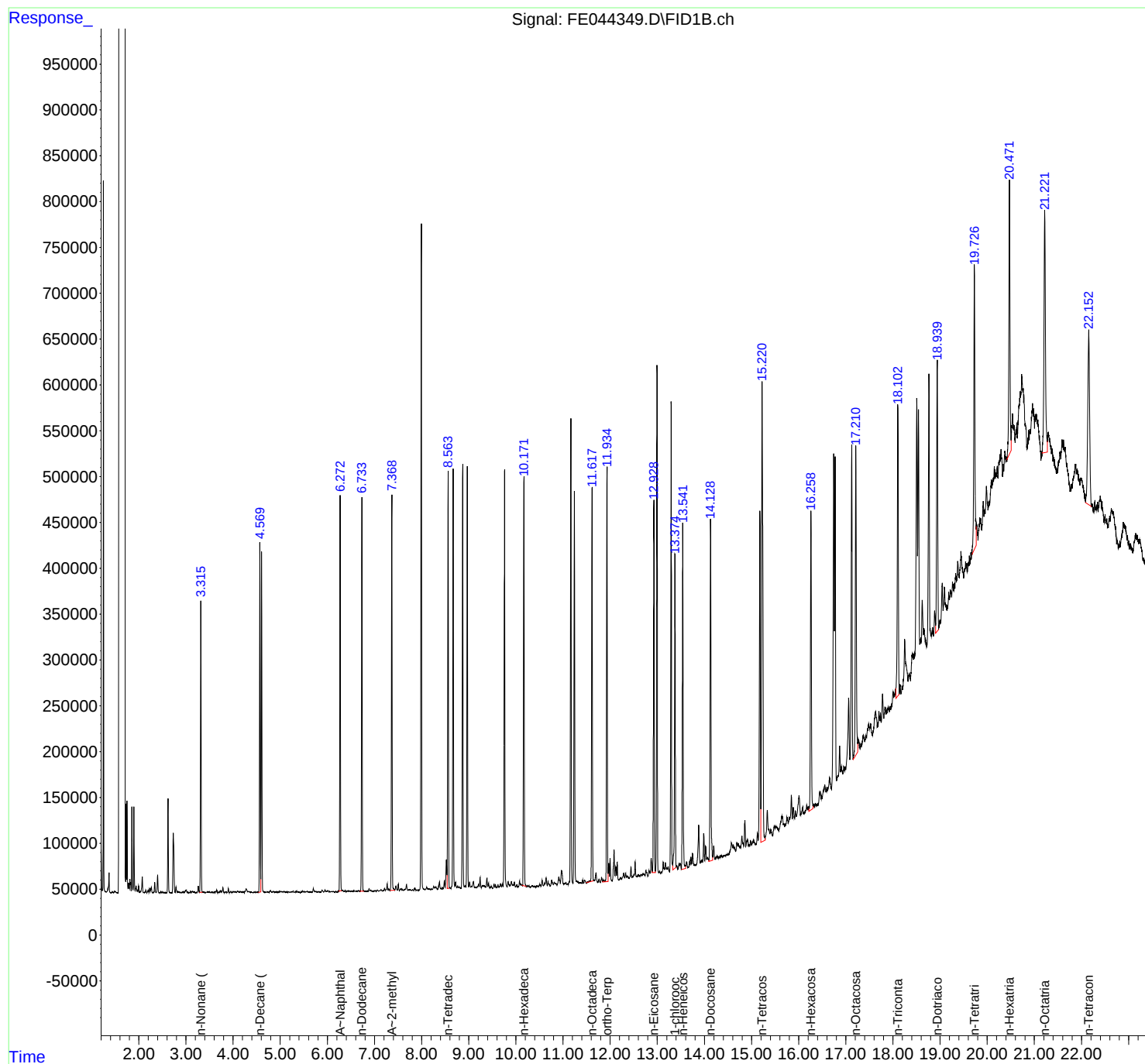
Instrument :
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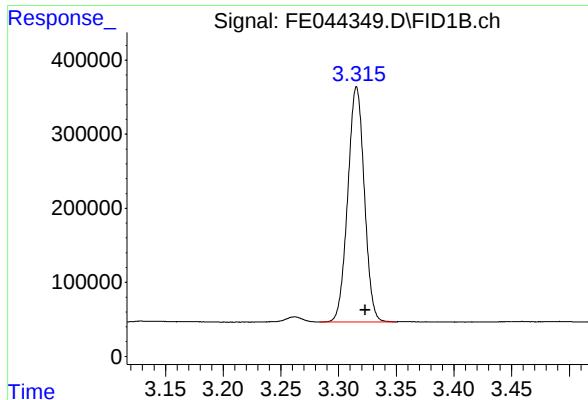
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Signal Phase : Rxi-1ms
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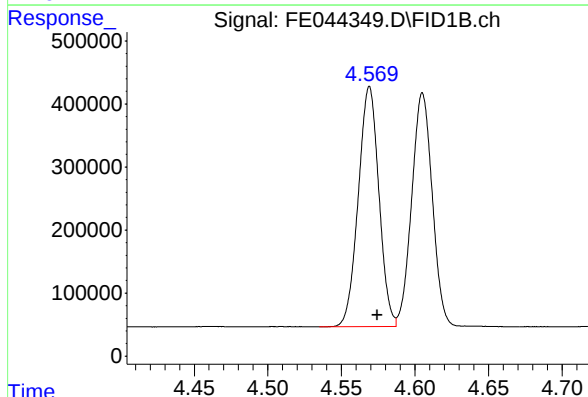
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 3160099
Conc: 19.37 ug/ml

Instrument :
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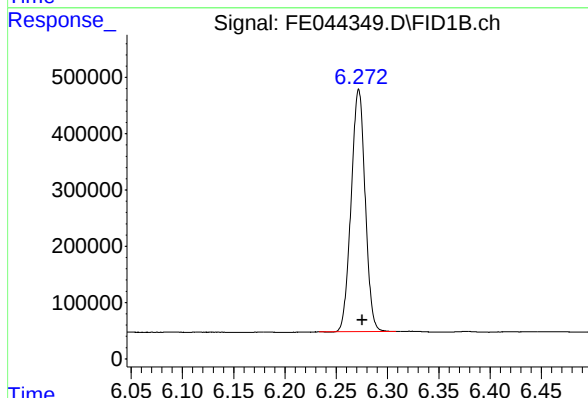
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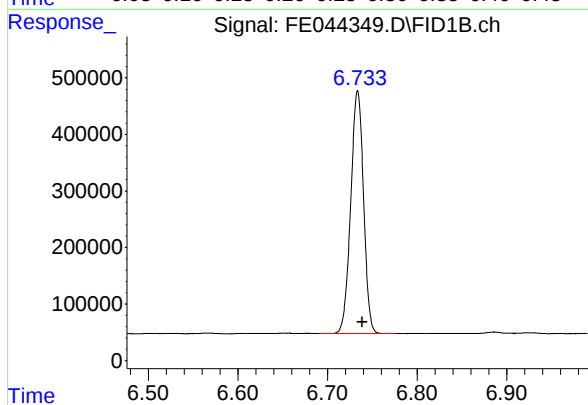
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.005 min
Response: 3710228
Conc: 22.32 ug/ml



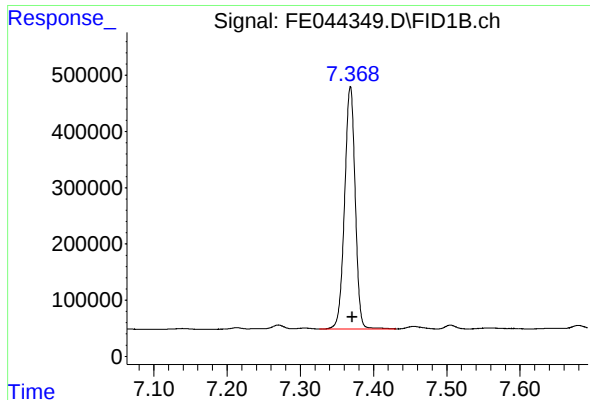
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 4104253
Conc: 22.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 4265112
Conc: 25.36 ug/ml



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

R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 4333693
Conc: 25.28 ug/ml

Instrument :

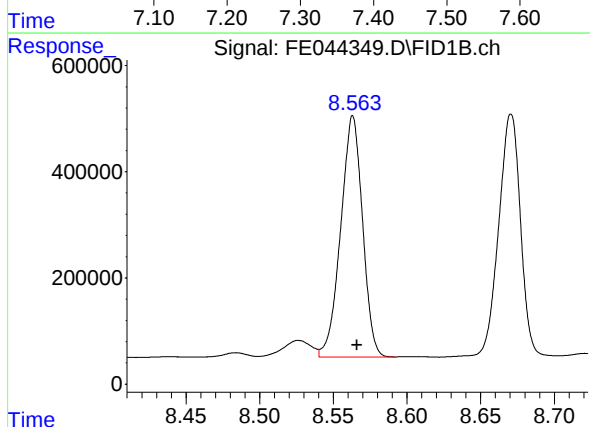
FID_E

ClientSampleId :

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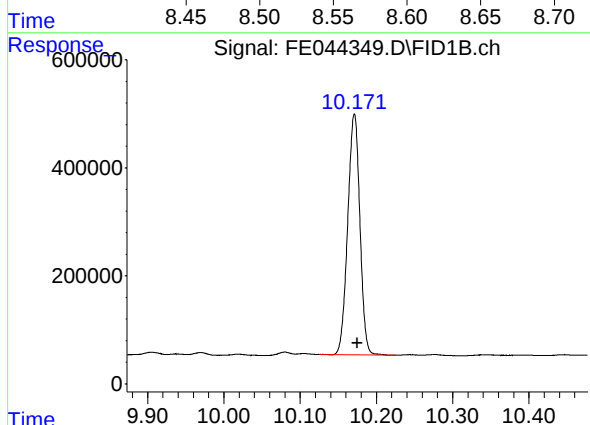
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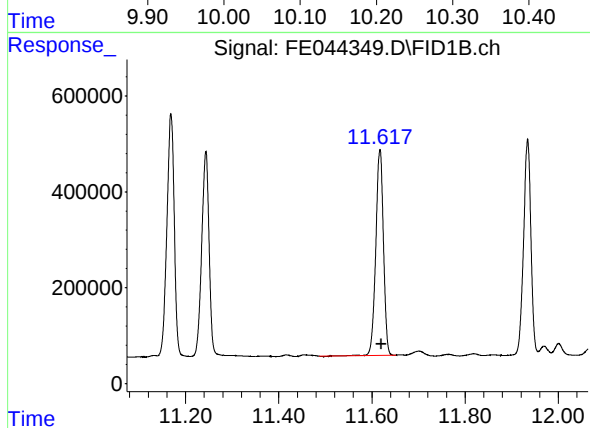
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 4686965
Conc: 27.95 ug/ml



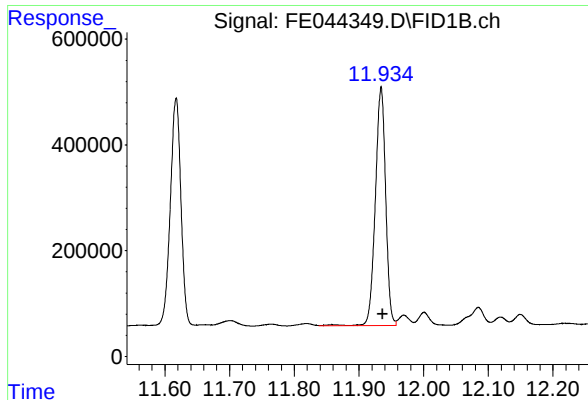
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.004 min
Response: 4950943
Conc: 28.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: -0.002 min
Response: 4895466
Conc: 28.12 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.002 min
Response: 5001916
Conc: 26.40 ug/ml

Instrument :

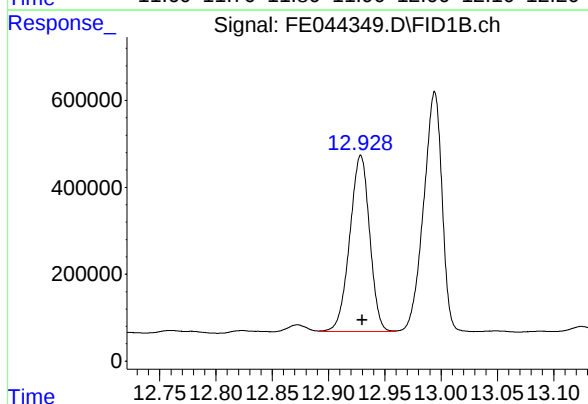
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ClientSampleId :

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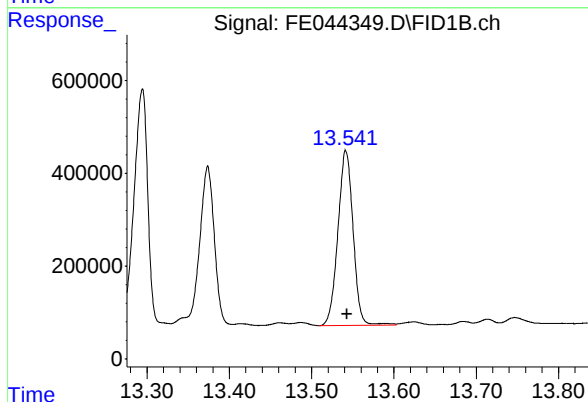
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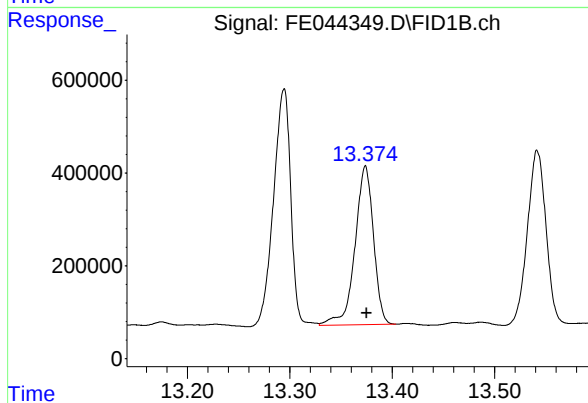
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 4995963
Conc: 30.20 ug/ml



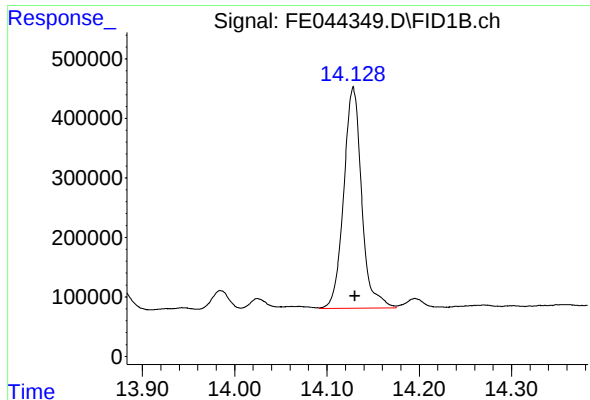
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.001 min
Response: 4832031
Conc: 29.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.001 min
Response: 4300558
Conc: 31.13 ug/ml



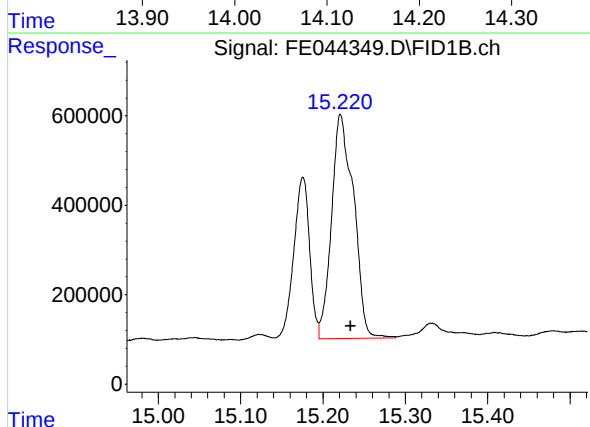
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.002 min
Response: 5021365
Conc: 31.43 ug/ml

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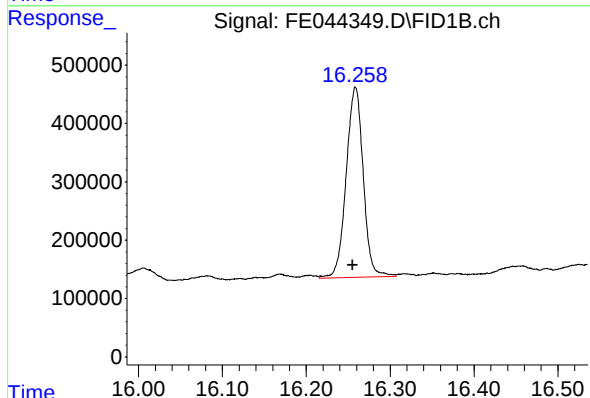
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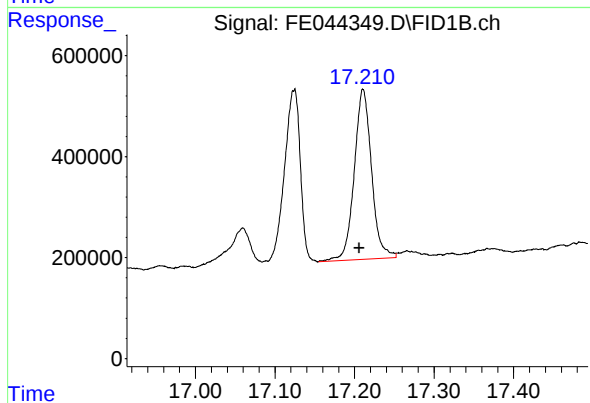
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.012 min
Response: 9327593
Conc: 59.65 ug/ml



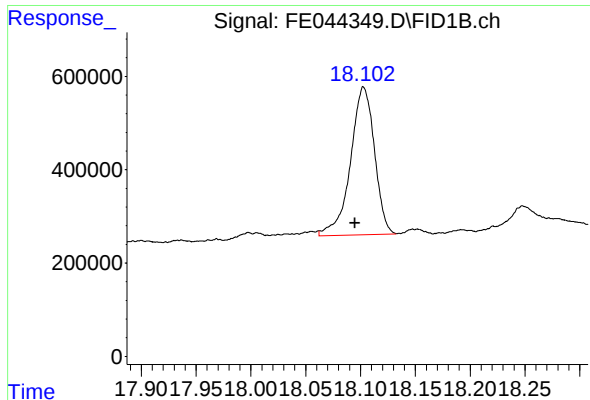
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.003 min
Response: 4595585
Conc: 30.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: 0.004 min
Response: 5114872
Conc: 35.44 ug/ml m



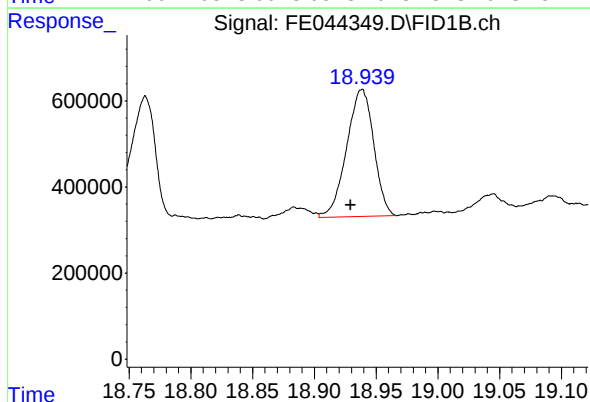
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.007 min
Response: 4820016
Conc: 33.18 ug/ml

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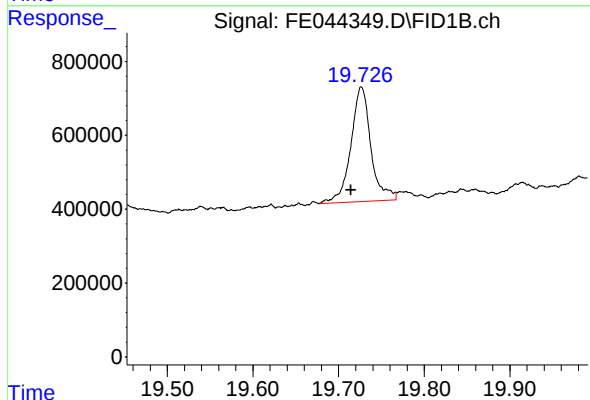
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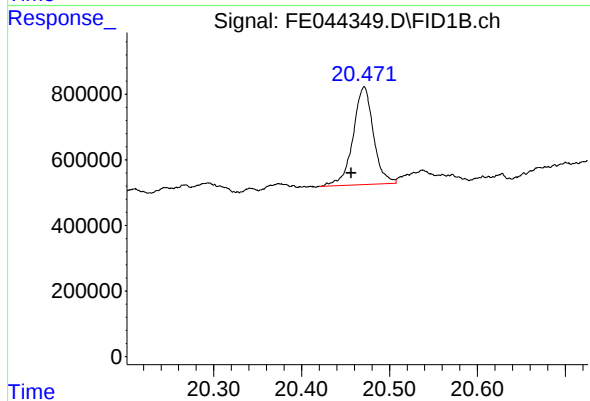
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.009 min
Response: 4507687
Conc: 31.64 ug/ml



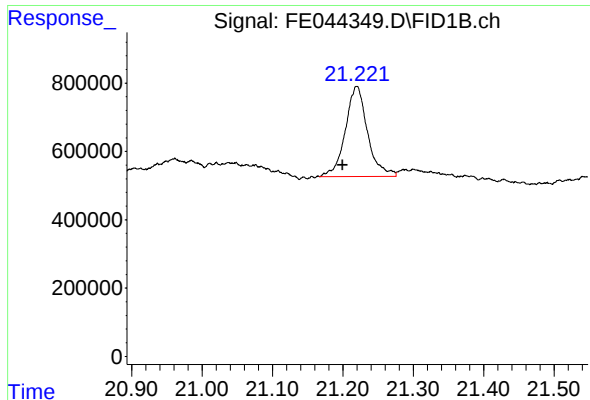
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.011 min
Response: 5052177
Conc: 36.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: 0.014 min
Response: 4807881
Conc: 35.07 ug/ml



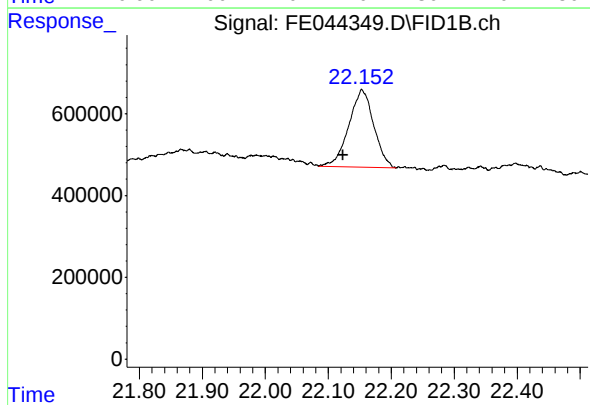
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.021 min
Response: 5802395
Conc: 41.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.029 min
Response: 5209238
Conc: 37.68 ug/ml m