

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091923AL\
 Data File : FE044348.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2023 19:30
 Operator : YP\AJ
 Sample : 04479-06MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

1028MS

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 01:41:25 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)	11.933	5050307	26.658 ug/ml
Spiked Amount 50.000		Recovery =	53.32%
12) S 1-chlorooctadecane (S...	13.373	4524567	32.752 ug/ml
Spiked Amount 50.000		Recovery =	65.50%
Target Compounds			
1) T n-Nonane (C9)	3.315	3229070	19.794 ug/ml
2) T n-Decane (C10)	4.568	3769196	22.677 ug/ml
3) T A~Naphthalene (C11.7)	6.271	4141216	23.126 ug/ml
4) T n-Dodecane (C12)	6.733	4301122	25.575 ug/ml
5) T A~2-methylnaphthalene...	7.367	4373973	25.514 ug/ml
6) T n-Tetradecane (C14)	8.562	4705732	28.059 ug/ml
7) T n-Hexadecane (C16)	10.171	4987683	28.858 ug/ml
8) T n-Octadecane (C18)	11.616	4986041	28.644 ug/ml
10) T n-Eicosane (C20)	12.929	5149345	31.131 ug/ml
11) T n-Heneicosane (C21)	13.540	4909963	30.355 ug/ml
13) T n-Docosane (C22)	14.127	5060396	31.675 ug/ml
14) T n-Tetracosane (C24)	15.220	9376089	59.958 ug/ml
15) T n-Hexacosane (C26)	16.258	4669999	30.977 ug/ml
16) T n-Octacosane (C28)	17.208	5222642	36.190 ug/mlm
17) T n-Tricontane (C30)	18.101	5135678	35.350 ug/mlm
18) T n-Dotriacontane (C32)	18.936	4765244	33.453 ug/mlm
19) T n-Tetratriacontane (C34)	19.726	5083417	36.326 ug/mlm
20) T n-Hexatriacontane (C36)	20.469	5150404	37.568 ug/mlm
21) T n-Octatriacontane (C38)	21.219	5209247	37.526 ug/mlm
22) T n-Tetracontane (C40)	22.156	5407909	39.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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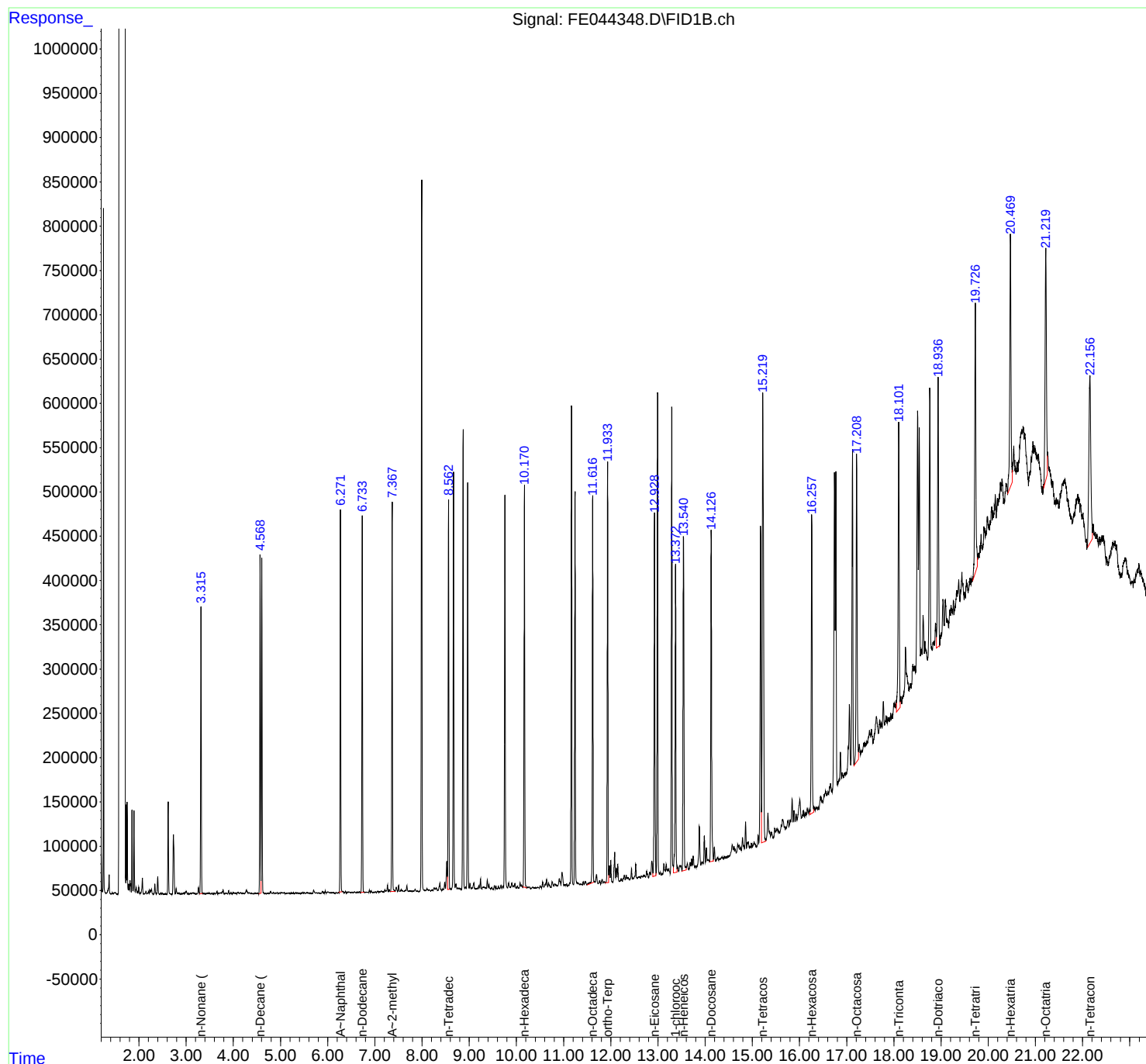
Instrument :
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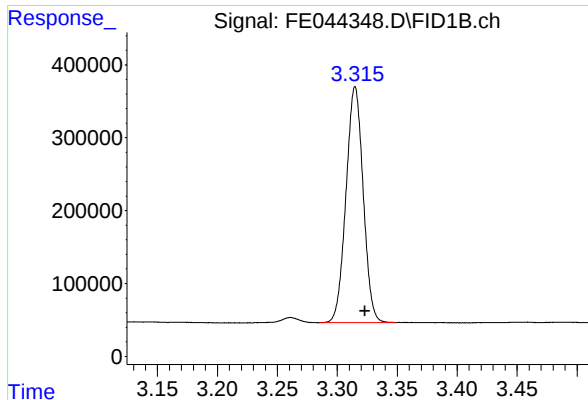
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





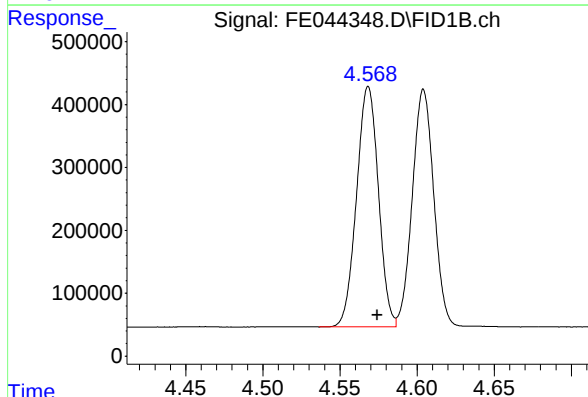
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3229070
Conc: 19.79 ug/ml

Instrument :
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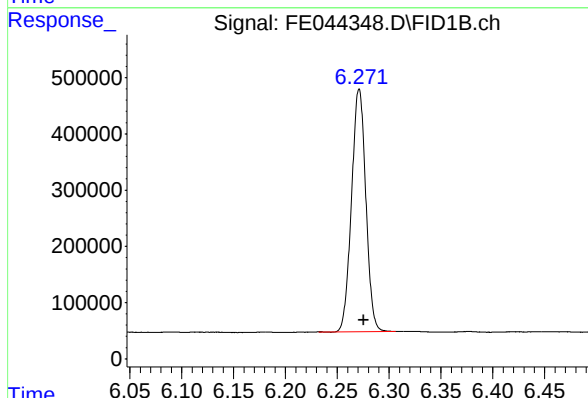
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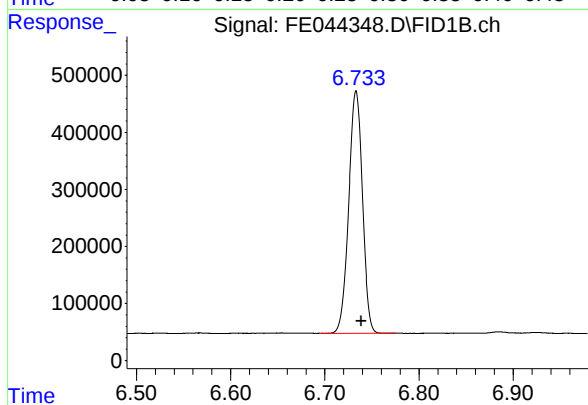
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.006 min
Response: 3769196
Conc: 22.68 ug/ml



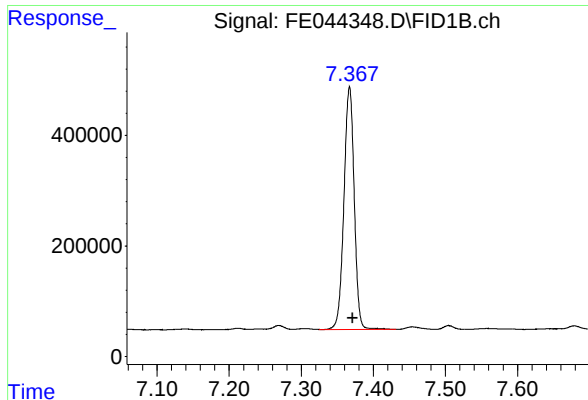
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 4141216
Conc: 23.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 4301122
Conc: 25.58 ug/ml



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

R.T.: 7.367 min
Delta R.T.: -0.004 min
Response: 4373973
Conc: 25.51 ug/ml

Instrument :

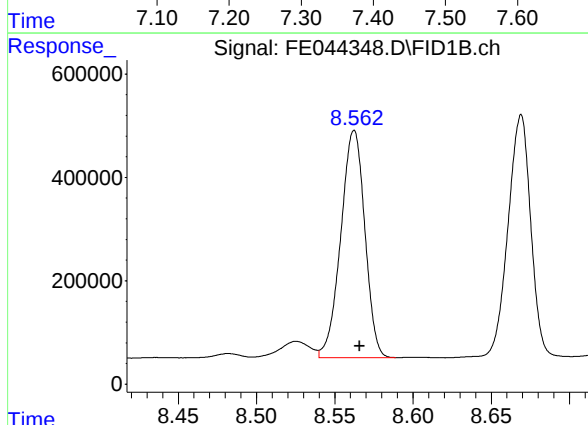
FID_E

ClientSampleId :

1028MS

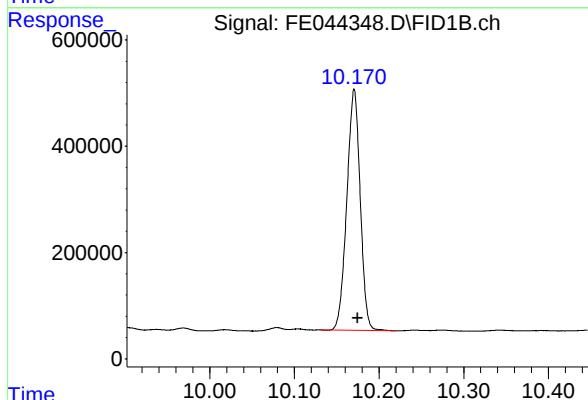
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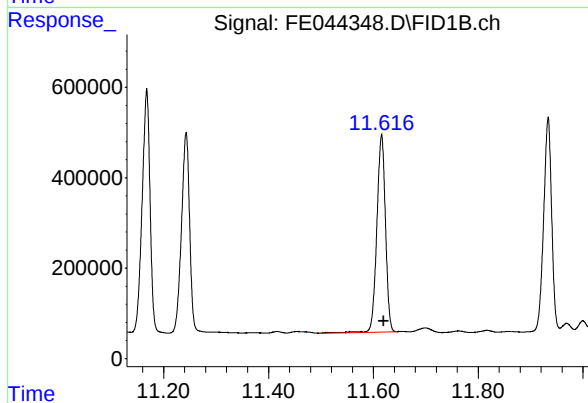
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 4705732
Conc: 28.06 ug/ml



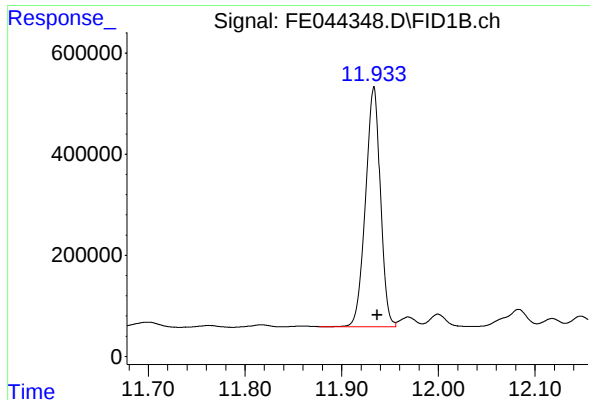
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.004 min
Response: 4987683
Conc: 28.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.004 min
Response: 4986041
Conc: 28.64 ug/ml



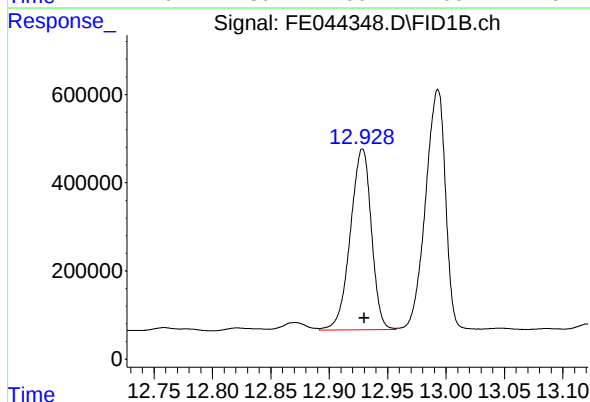
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.003 min
Response: 5050307
Conc: 26.66 ug/ml

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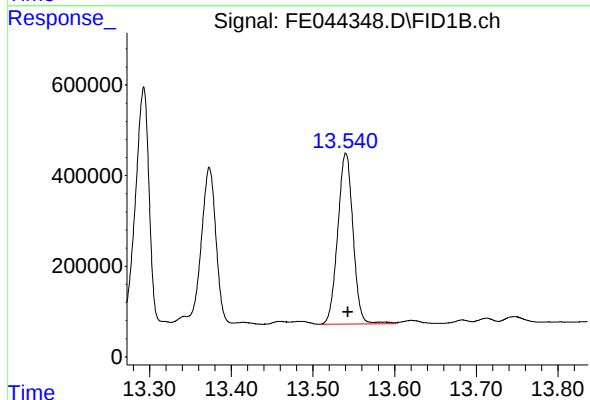
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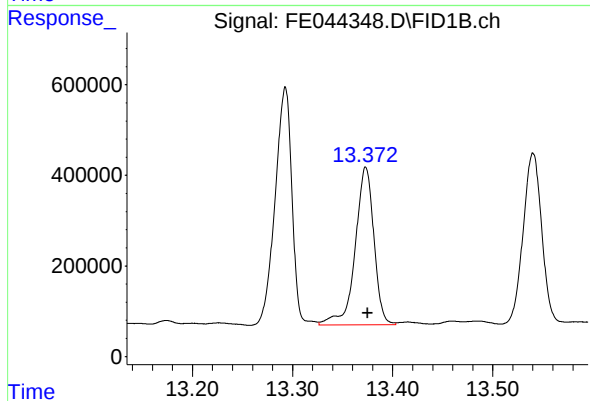
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.002 min
Response: 5149345
Conc: 31.13 ug/ml



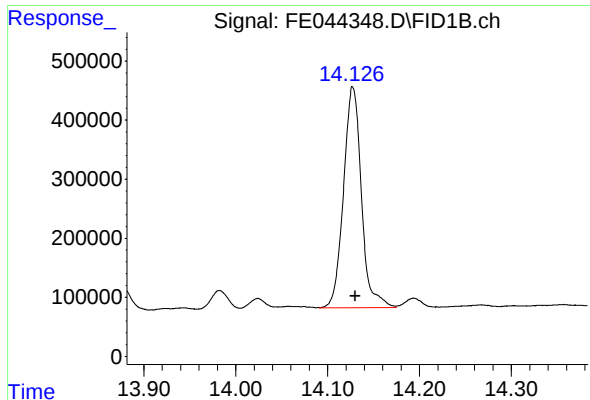
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.002 min
Response: 4909963
Conc: 30.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.002 min
Response: 4524567
Conc: 32.75 ug/ml



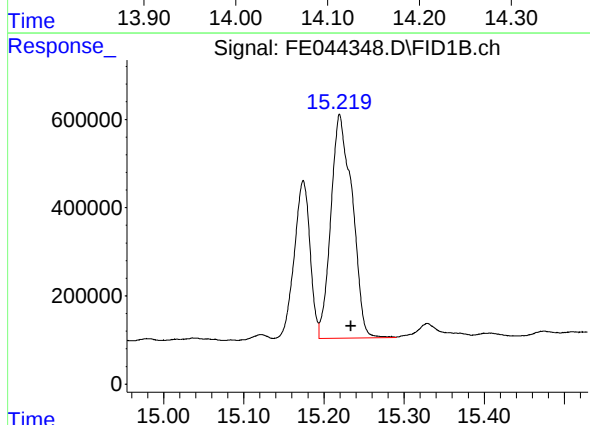
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.003 min
Response: 5060396
Conc: 31.67 ug/ml

Instrument :
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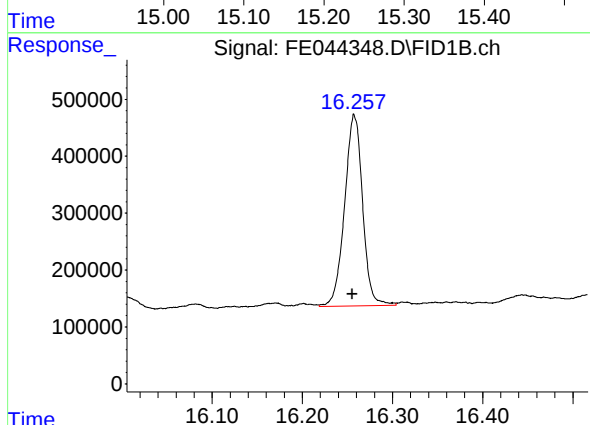
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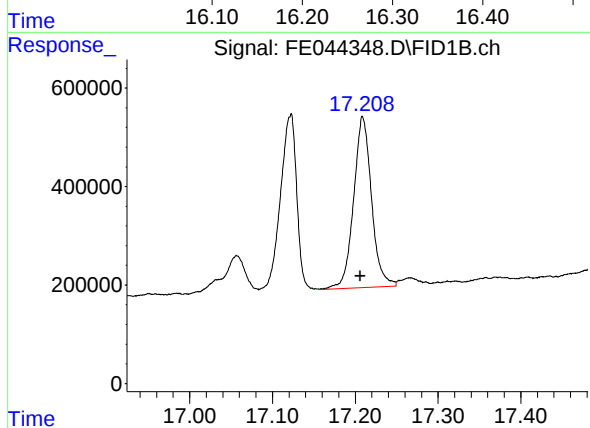
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.014 min
Response: 9376089
Conc: 59.96 ug/ml



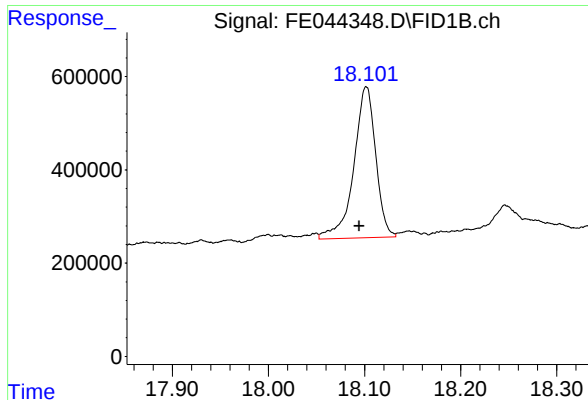
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.002 min
Response: 4669999
Conc: 30.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.002 min
Response: 5222642
Conc: 36.19 ug/ml m



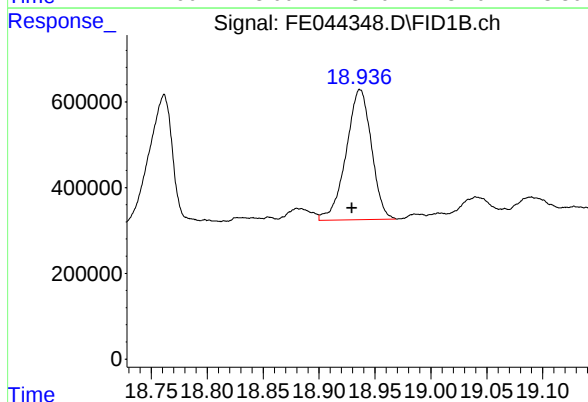
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.006 min
Response: 5135678
Conc: 35.35 ug/ml

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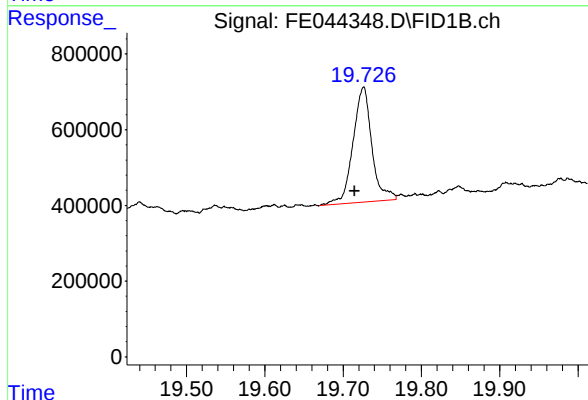
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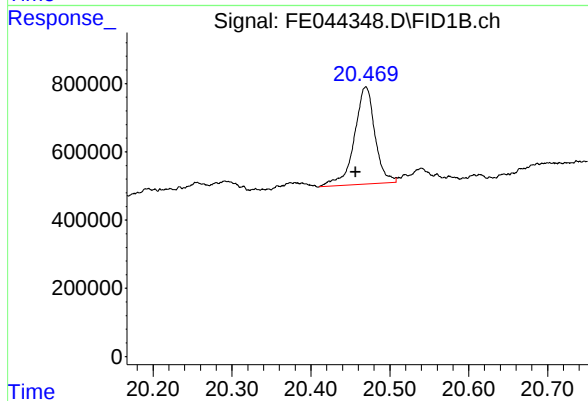
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.006 min
Response: 4765244
Conc: 33.45 ug/ml m



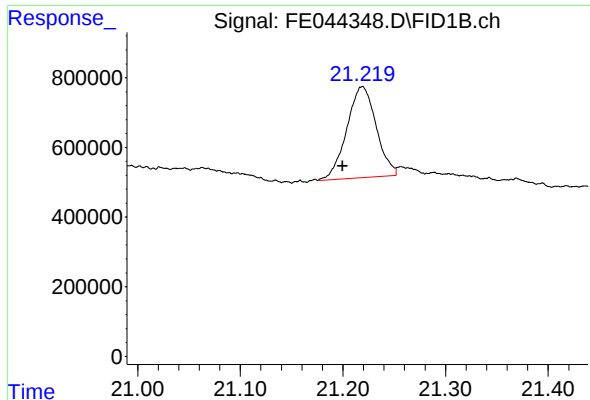
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.012 min
Response: 5083417
Conc: 36.33 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.013 min
Response: 5150404
Conc: 37.57 ug/ml m



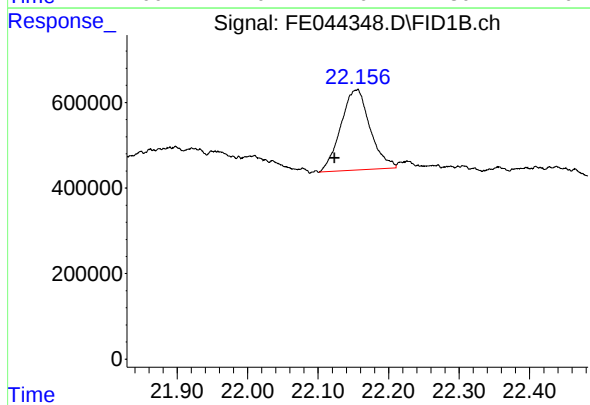
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.019 min
Response: 5209247
Conc: 37.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.032 min
Response: 5407909
Conc: 39.11 ug/ml