

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723AL\
 Data File : FE041229.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 16:30
 Operator : YP\AJ
 Sample : 02219-08MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

6MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/10/2023

Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e

Quant Time: Apr 10 01:01:43 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.842	4829041	25.695 ug/ml
Spiked Amount 50.000		Recovery =	51.39%
12) S 1-chlorooctadecane (S...	13.280	3969179	27.587 ug/ml
Spiked Amount 50.000		Recovery =	55.17%
Target Compounds			
1) T n-Nonane (C9)	3.263	6645865	38.302 ug/ml
2) T n-Decane (C10)	4.499	6770605	39.776 ug/ml
3) T A~Naphthalene (C11.7)	6.193	6941453	37.950 ug/ml
4) T n-Dodecane (C12)	6.655	6927239	39.935 ug/ml
5) T A~2-methylnaphthalene...	7.287	6566474	39.649 ug/ml
6) T n-Tetradecane (C14)	8.482	6798904	38.992 ug/ml
7) T n-Hexadecane (C16)	10.086	6873603	38.648 ug/ml
8) T n-Octadecane (C18)	11.529	6688155	37.458 ug/ml
10) T n-Eicosane (C20)	12.838	6583561	38.597 ug/ml
11) T n-Heneicosane (C21)	13.449	6203017	36.664 ug/ml
13) T n-Docosane (C22)	14.036	6109064	36.916 ug/ml
14) T n-Tetracosane (C24)	15.133	12184576	75.313 ug/ml
15) T n-Hexacosane (C26)	16.162	6001180	38.713 ug/ml
16) T n-Octacosane (C28)	17.111	6103831	39.847 ug/ml
17) T n-Tricontane (C30)	18.003	6053862	39.605 ug/ml
18) T n-Dotriacontane (C32)	18.834	6014956	38.526 ug/mlm
19) T n-Tetratriacontane (C34)	19.621	6015553	38.818 ug/mlm
20) T n-Hexatriacontane (C36)	20.361	6066129	39.935 ug/ml
21) T n-Octatriacontane (C38)	21.087	6226058	39.855 ug/mlm
22) T n-Tetracontane (C40)	21.967	6491503	40.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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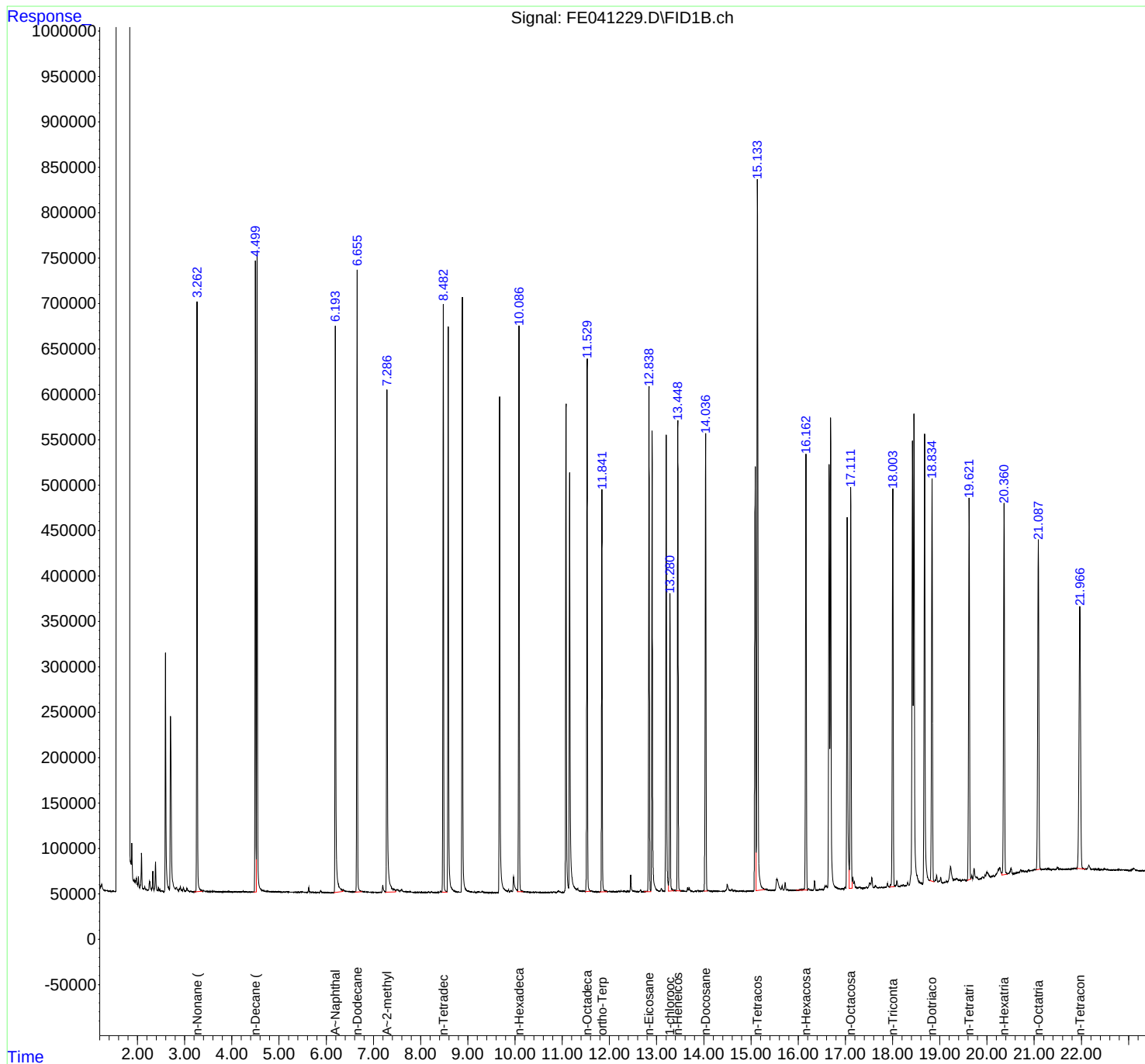
Instrument :
FID_E
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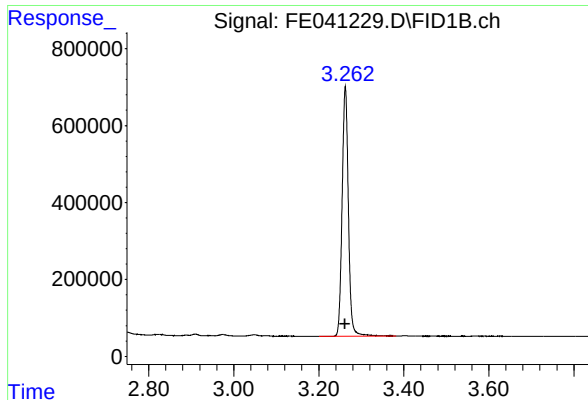
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Quant Title : GC Extractables
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





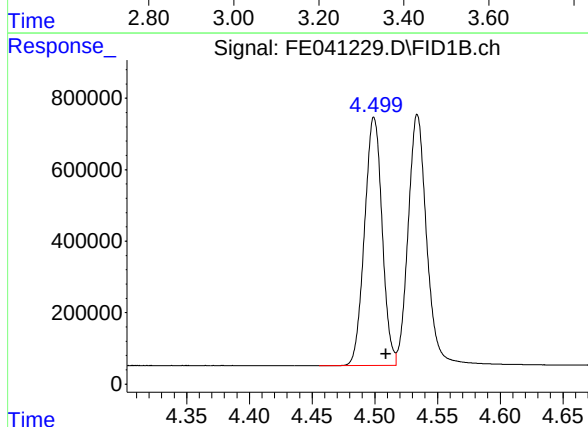
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 6645865
Conc: 38.30 ug/ml

Instrument :
FID_E
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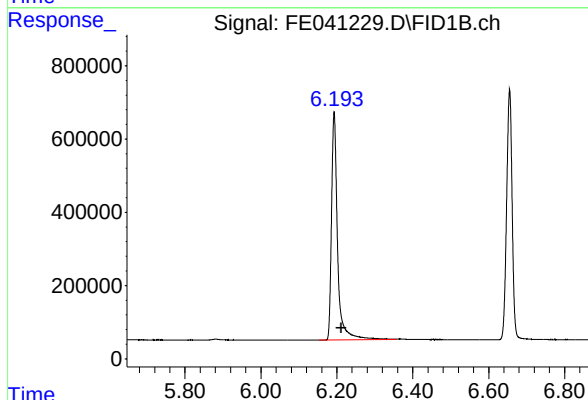
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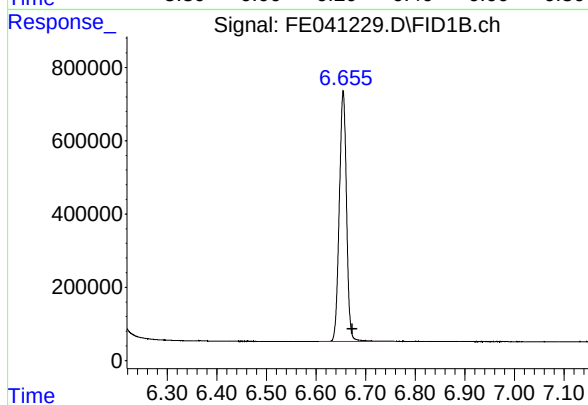
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.009 min
Response: 6770605
Conc: 39.78 ug/ml



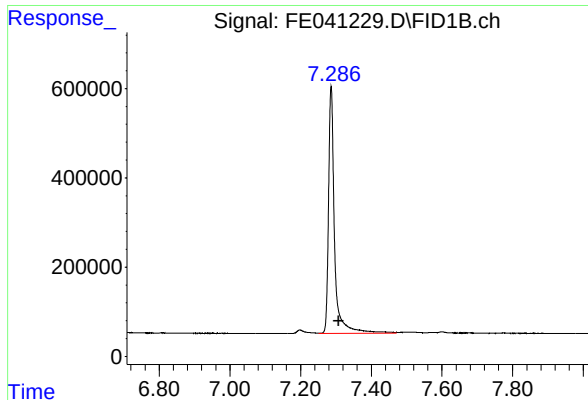
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.019 min
Response: 6941453
Conc: 37.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.019 min
Response: 6927239
Conc: 39.94 ug/ml



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

R.T.: 7.287 min
Delta R.T.: -0.021 min
Response: 6566474
Conc: 39.65 ug/ml

Instrument :

FID_E

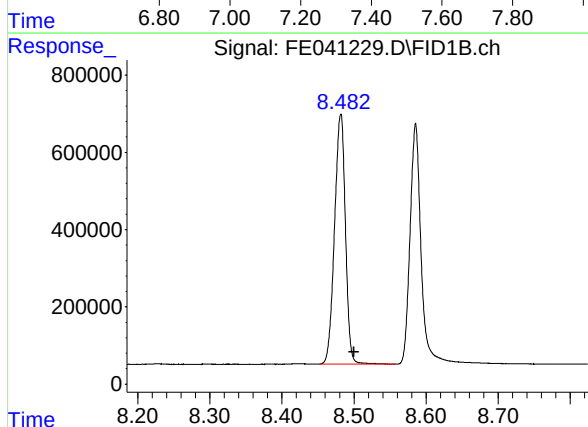
ClientSampleId :

6MSD

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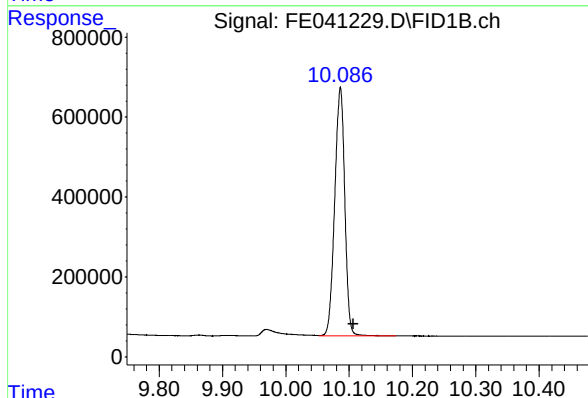
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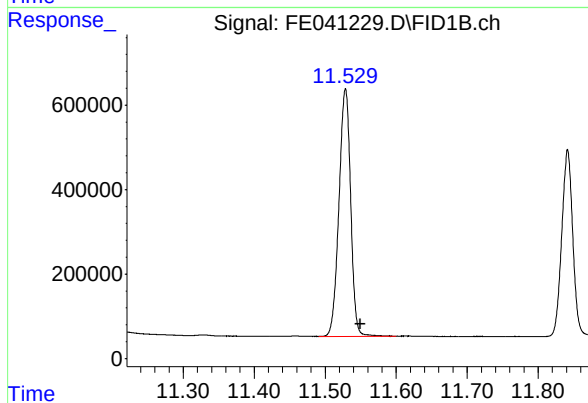
#6 n-Tetradecane (C14)

R.T.: 8.482 min
Delta R.T.: -0.018 min
Response: 6798904
Conc: 38.99 ug/ml



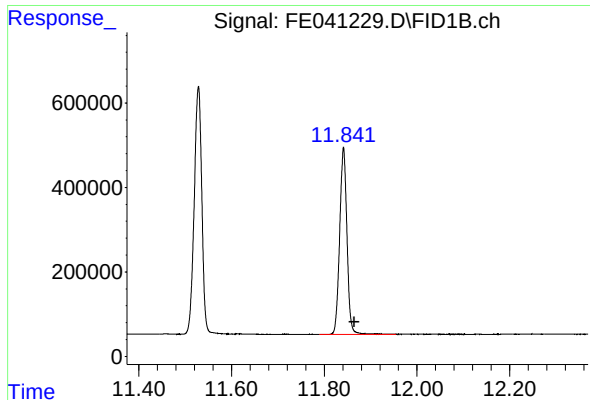
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.020 min
Response: 6873603
Conc: 38.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.021 min
Response: 6688155
Conc: 37.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.023 min
Response: 4829041
Conc: 25.69 ug/ml

Instrument :

FID_E

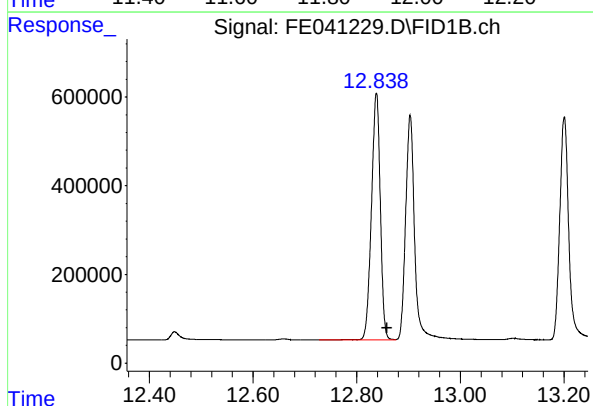
ClientSampleId :

6MSD

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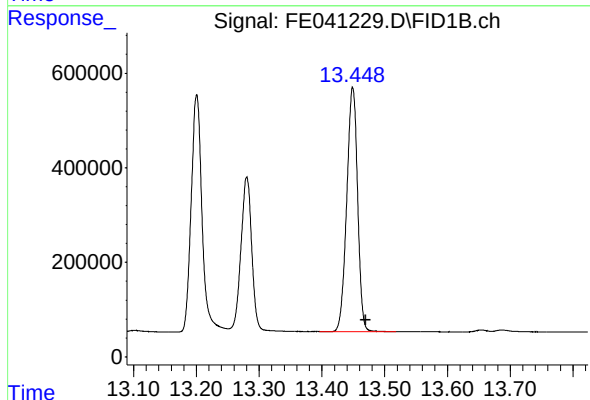
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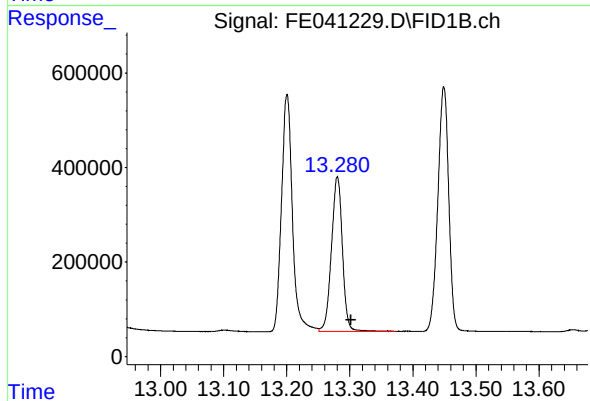
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 6583561
Conc: 38.60 ug/ml



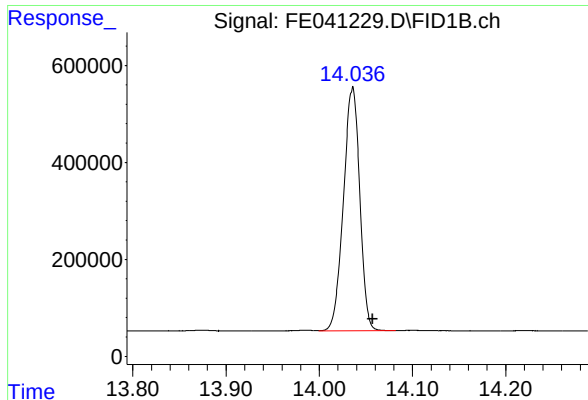
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.021 min
Response: 6203017
Conc: 36.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.022 min
Response: 3969179
Conc: 27.59 ug/ml



#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.021 min
Response: 6109064
Conc: 36.92 ug/ml

Instrument :

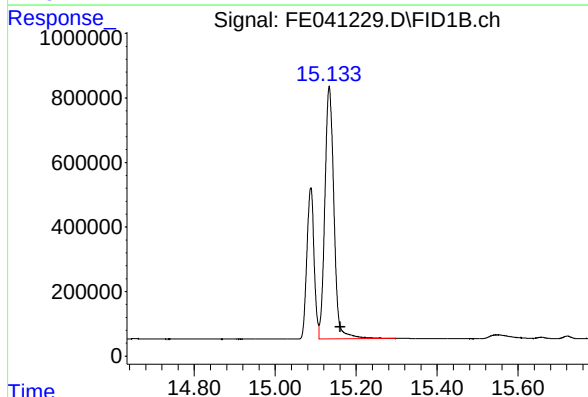
FID_E

ClientSampleId :

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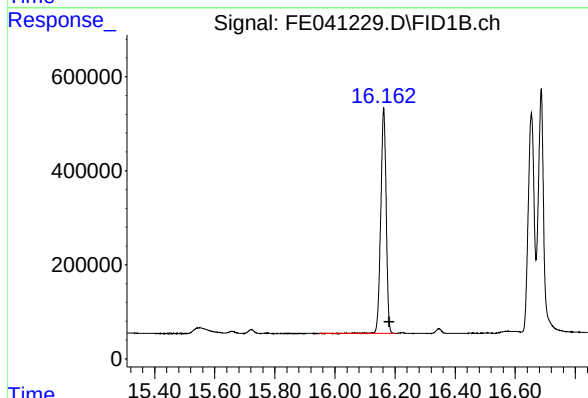
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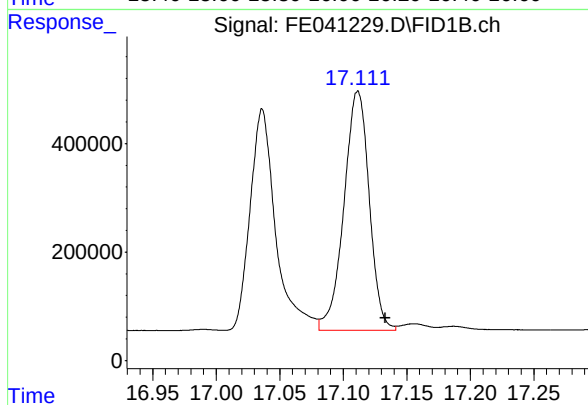
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.027 min
Response: 12184576
Conc: 75.31 ug/ml



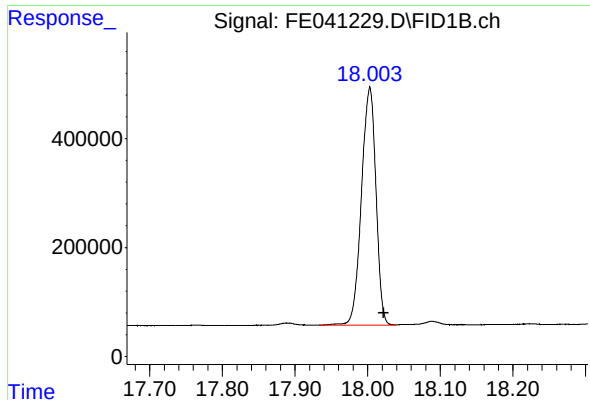
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.020 min
Response: 6001180
Conc: 38.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.022 min
Response: 6103831
Conc: 39.85 ug/ml



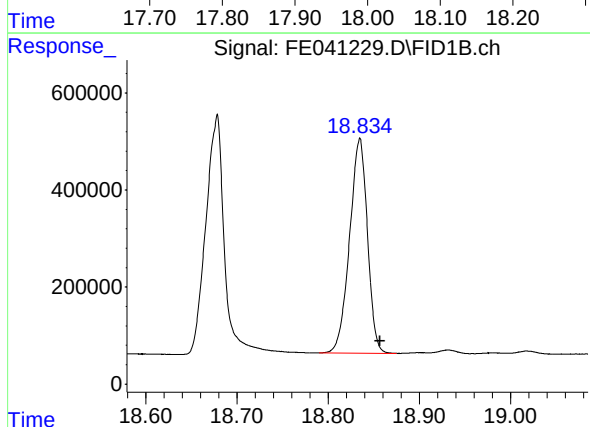
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.019 min
Response: 6053862
Conc: 39.61 ug/ml

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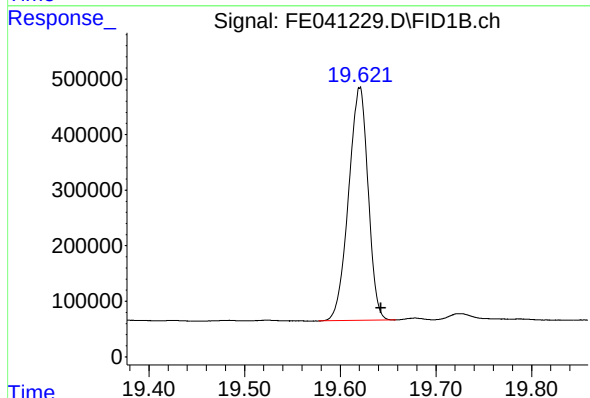
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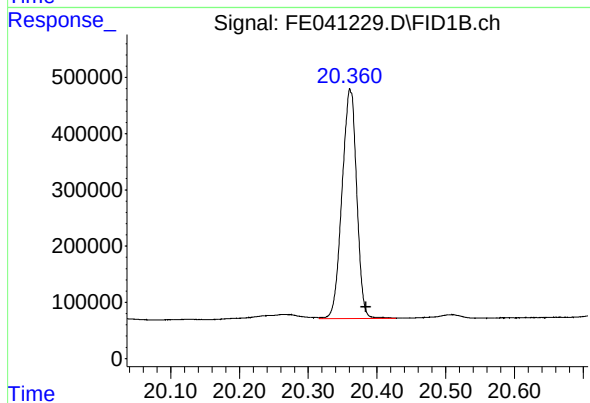
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.022 min
Response: 6014956
Conc: 38.53 ug/ml m



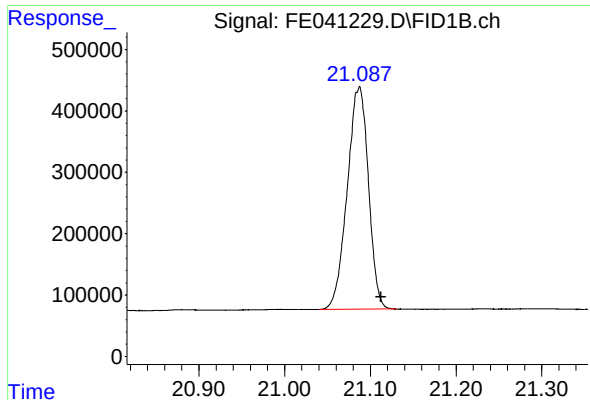
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.021 min
Response: 6015553
Conc: 38.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.023 min
Response: 6066129
Conc: 39.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.025 min
Response: 6226058
Conc: 39.85 ug/ml

Instrument :

FID_E

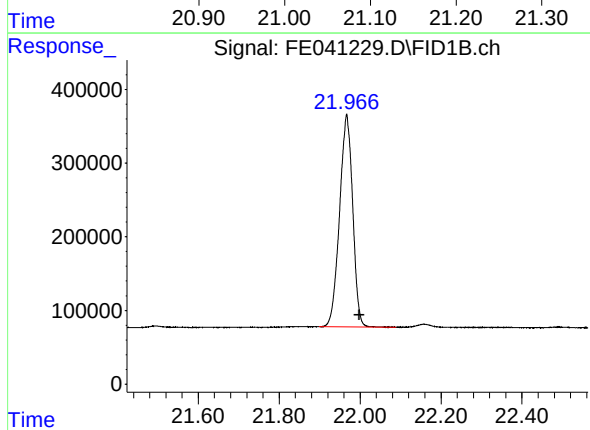
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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.031 min
Response: 6491503
Conc: 40.67 ug/ml