

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051768.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 15:59
 Operator : YP\AJ
 Sample : PB165846BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165846BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 27 01:16:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M

Quant Title : GC Extractables

QLast Update : Tue Dec 17 15:04:25 2024

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)	12.030	5732828	35.709 ug/ml
Spiked Amount 50.000		Recovery =	71.42%
12) S 1-chlorooctadecane (S...	13.452	4792442	37.991 ug/ml
Spiked Amount 50.000		Recovery =	75.98%
Target Compounds			
1) T n-Nonane (C9)	3.496	4282887	35.744 ug/ml
2) T n-Decane (C10)	4.727	4536266	36.485 ug/ml
3) T A~Naphthalene (C11.7)	6.414	5426387	38.080 ug/ml
4) T n-Dodecane (C12)	6.863	4749109	36.498 ug/ml
5) T A~2-methylnaphthalene...	7.498	5087676	35.950 ug/ml
6) T n-Tetradecane (C14)	8.677	4960253	36.995 ug/ml
7) T n-Hexadecane (C16)	10.272	5085398	35.585 ug/ml
8) T n-Octadecane (C18)	11.707	5186645	35.184 ug/ml
10) T n-Eicosane (C20)	13.009	5374235	37.356 ug/ml
11) T n-Heneicosane (C21)	13.617	5160534	36.314 ug/ml
13) T n-Docosane (C22)	14.200	5115189	36.282 ug/ml
14) T n-Tetracosane (C24)	15.291	10125329	72.571 ug/ml
15) T n-Hexacosane (C26)	16.311	4848638	35.986 ug/ml
16) T n-Octacosane (C28)	17.254	4745551	36.479 ug/ml
17) T n-Tricontane (C30)	18.138	4645182	35.099 ug/ml
18) T n-Dotriacontane (C32)	18.963	4416064	35.225 ug/ml
19) T n-Tetratriacontane (C34)	19.741	4068164	36.976 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3354934	34.943 ug/mlm
21) T n-Octatriacontane (C38)	21.218	2879207	31.975 ug/ml
22) T n-Tetracontane (C40)	22.151	2502274	25.637 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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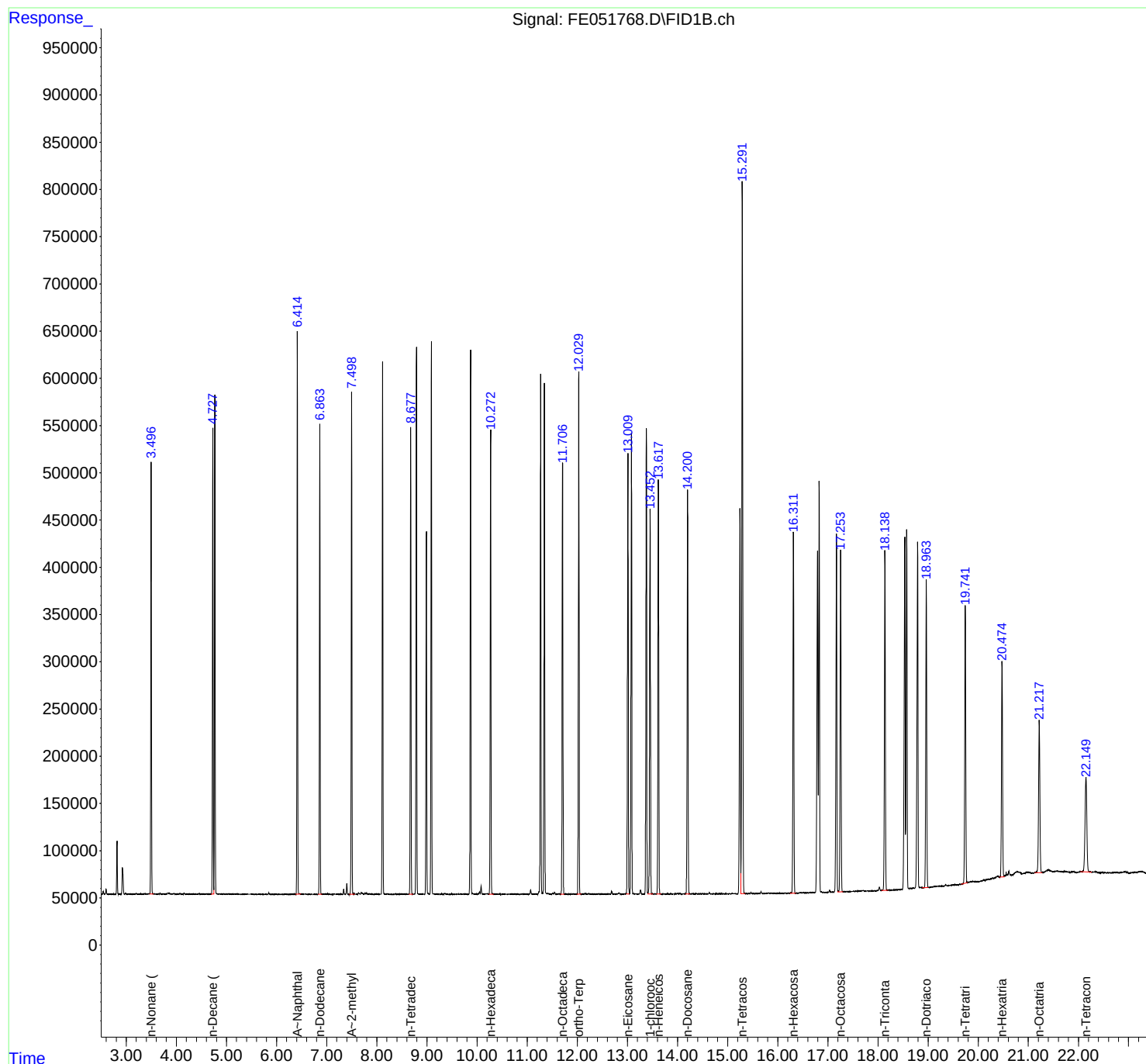
Response via : Initial Calibration

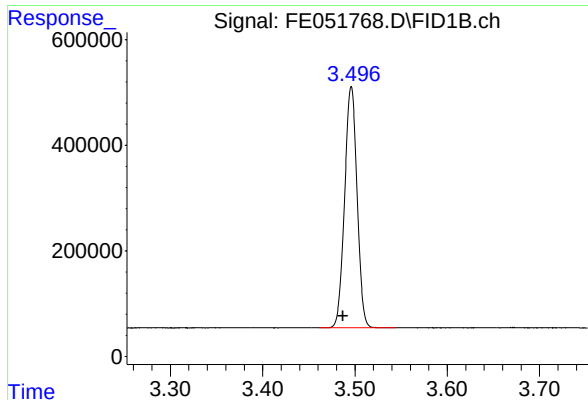
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





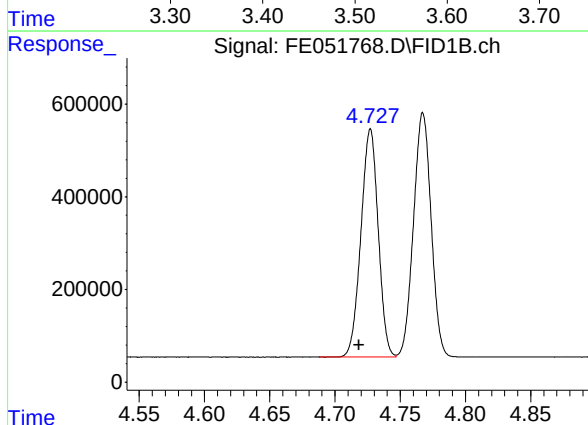
#1 n-Nonane (C9)

R.T.: 3.496 min
Delta R.T.: 0.009 min
Response: 4282887
Conc: 35.74 ug/ml

Instrument :
FID_E
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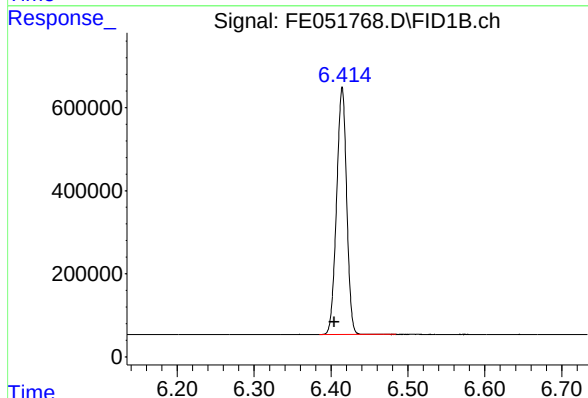
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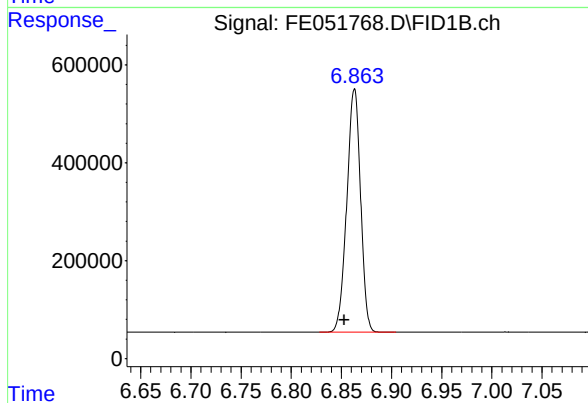
#2 n-Decane (C10)

R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 4536266
Conc: 36.48 ug/ml



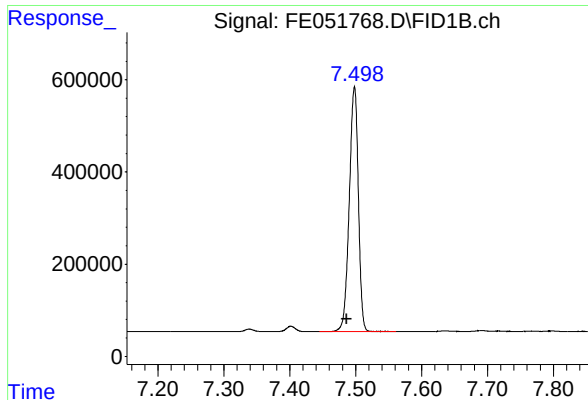
#3 A~Naphthalene (C11.7)

R.T.: 6.414 min
Delta R.T.: 0.010 min
Response: 5426387
Conc: 38.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.863 min
Delta R.T.: 0.010 min
Response: 4749109
Conc: 36.50 ug/ml



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

R.T.: 7.498 min
Delta R.T.: 0.012 min
Response: 5087676
Conc: 35.95 ug/ml

Instrument :

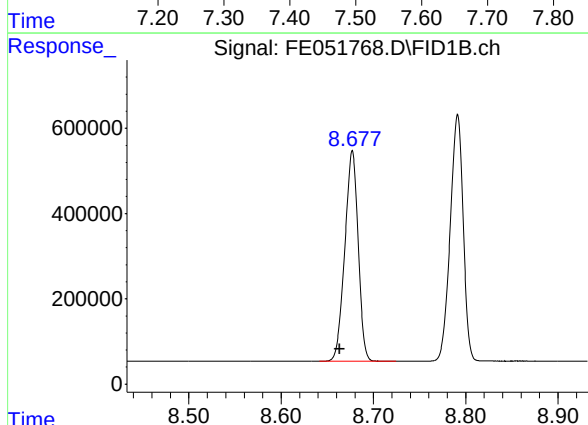
FID_E

ClientSampleId :

PB165846BS

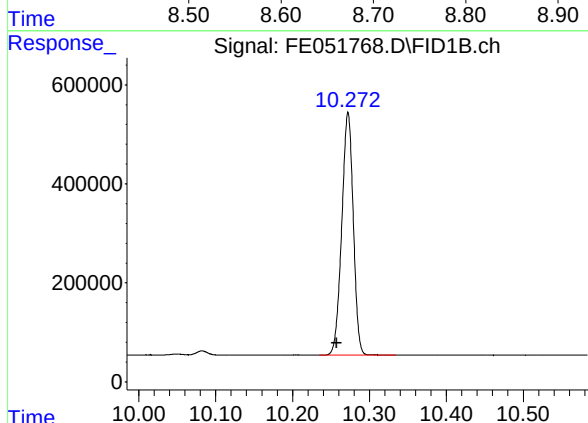
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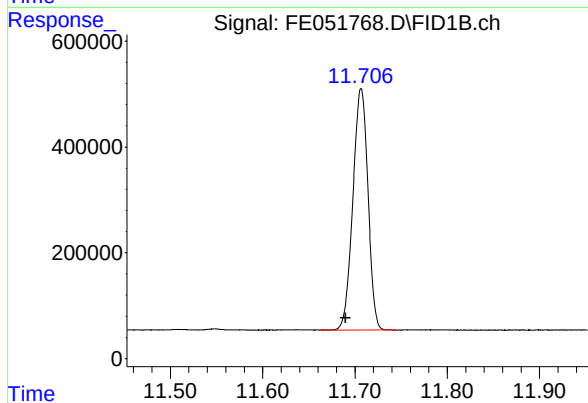
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.014 min
Response: 4960253
Conc: 36.99 ug/ml



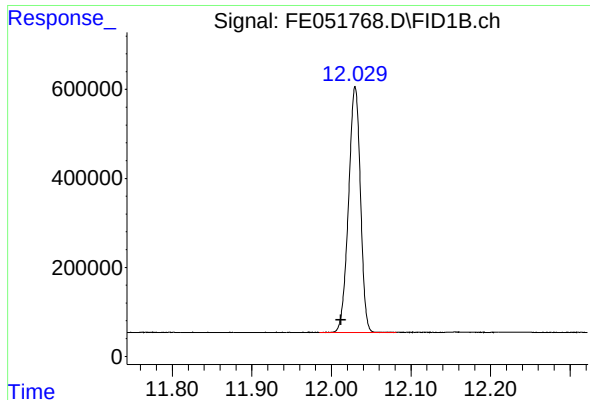
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: 0.015 min
Response: 5085398
Conc: 35.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.707 min
Delta R.T.: 0.017 min
Response: 5186645
Conc: 35.18 ug/ml



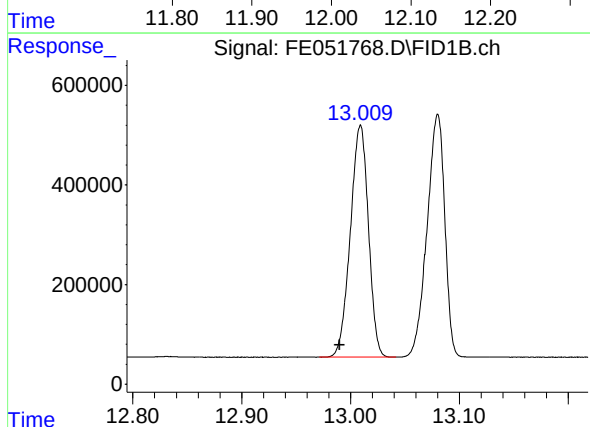
#9 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.018 min
Response: 5732828
Conc: 35.71 ug/ml

Instrument :
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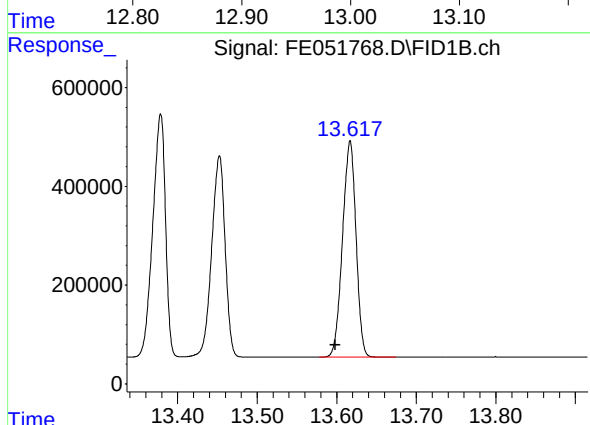
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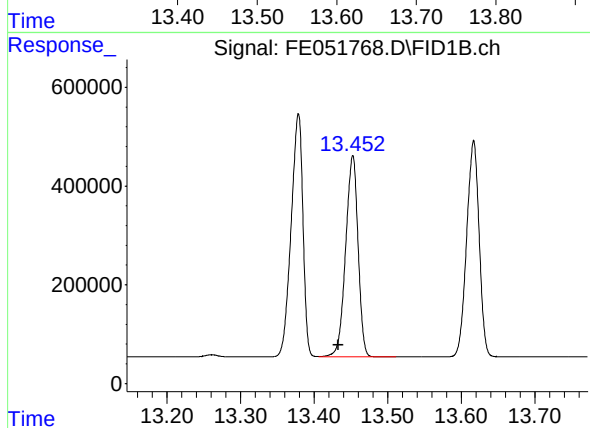
#10 n-Eicosane (C20)

R.T.: 13.009 min
Delta R.T.: 0.019 min
Response: 5374235
Conc: 37.36 ug/ml



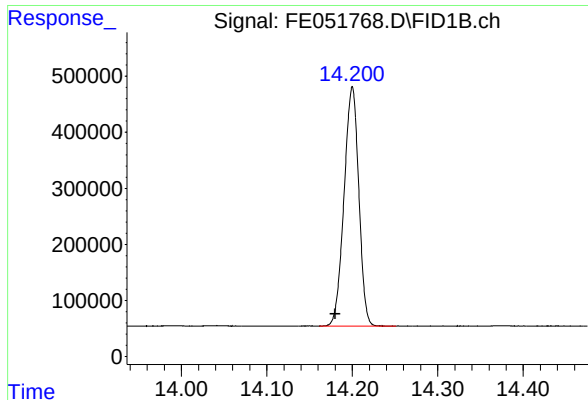
#11 n-Heneicosane (C21)

R.T.: 13.617 min
Delta R.T.: 0.018 min
Response: 5160534
Conc: 36.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.452 min
Delta R.T.: 0.019 min
Response: 4792442
Conc: 37.99 ug/ml



#13 n-Docosane (C22)

R.T.: 14.200 min
Delta R.T.: 0.020 min
Response: 5115189
Conc: 36.28 ug/ml

Instrument :

FID_E

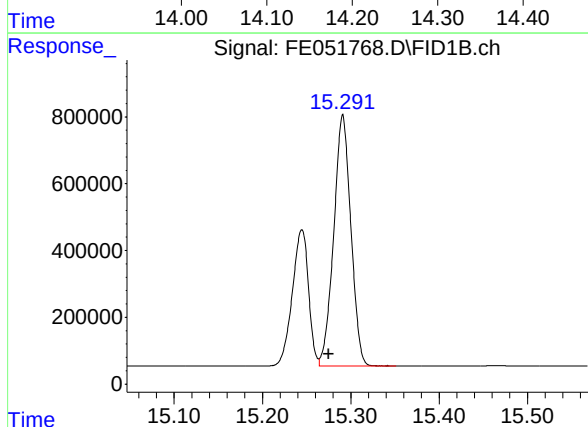
ClientSampleId :

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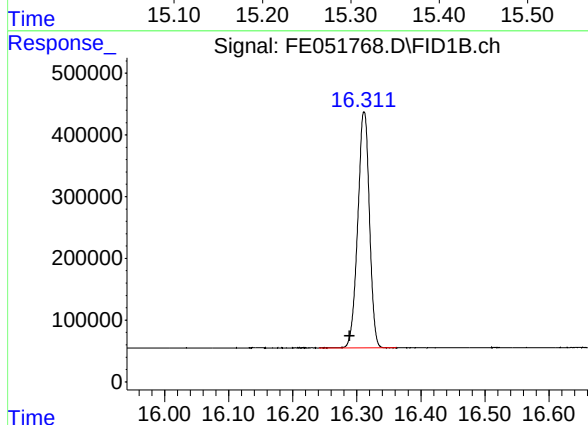
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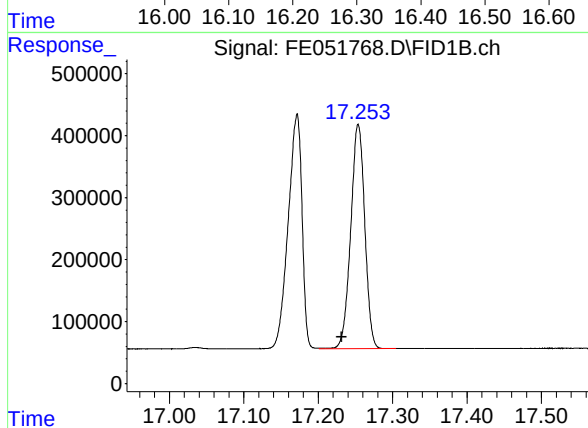
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.016 min
Response: 10125329
Conc: 72.57 ug/ml



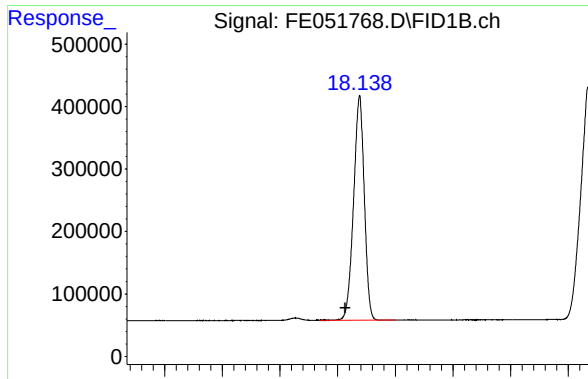
#15 n-Hexacosane (C26)

R.T.: 16.311 min
Delta R.T.: 0.023 min
Response: 4848638
Conc: 35.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.254 min
Delta R.T.: 0.023 min
Response: 4745551
Conc: 36.48 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.138 min
Delta R.T.: 0.025 min
Response: 4645182
Conc: 35.10 ug/ml

Instrument :

FID_E

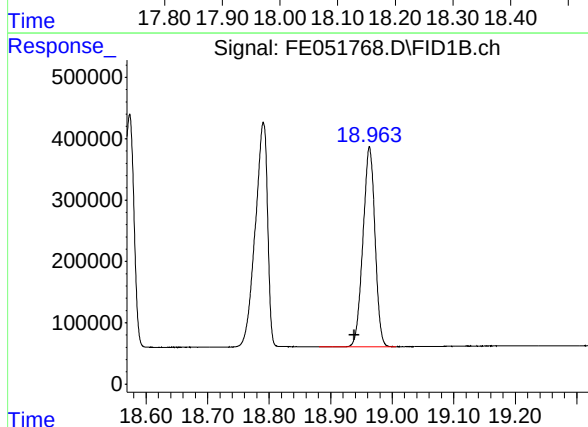
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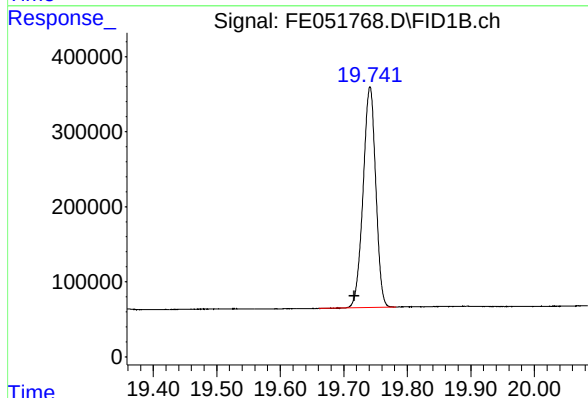
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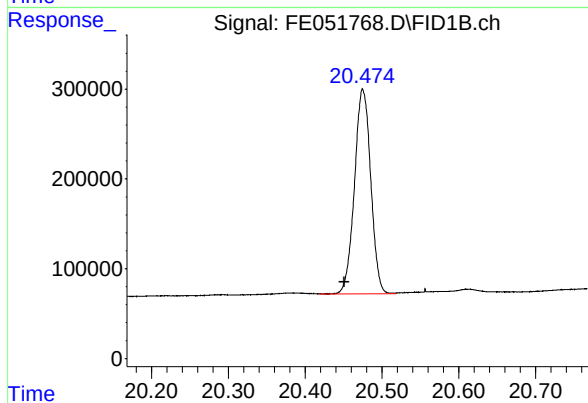
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: 0.025 min
Response: 4416064
Conc: 35.23 ug/ml



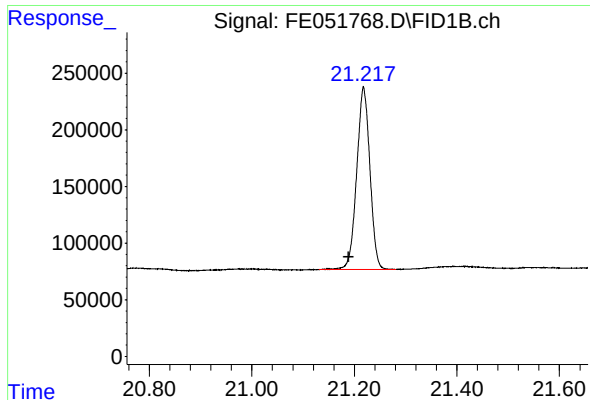
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.025 min
Response: 4068164
Conc: 36.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.023 min
Response: 3354934
Conc: 34.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.029 min
Response: 2879207
Conc: 31.97 ug/ml

Instrument :

FID_E

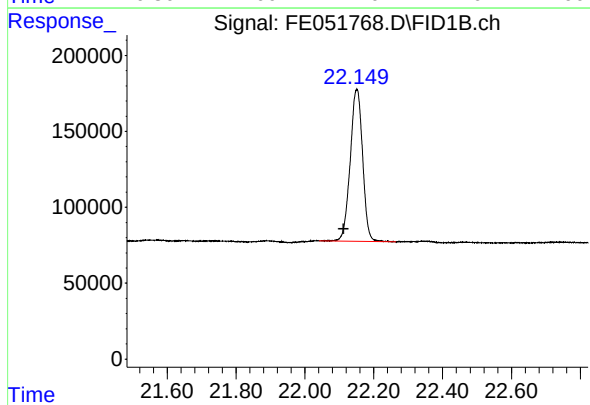
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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.037 min
Response: 2502274
Conc: 25.64 ug/ml