

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051483.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 14:24
 Operator : YP\AJ
 Sample : PB165295BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165295BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: sample.E
 Quant Time: Nov 28 03:05:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.834	5853690	39.000 ug/ml
Spiked Amount 50.000		Recovery =	78.00%
12) S 1-chlorooctadecane (S...	13.265	5287496	46.573 ug/ml
Spiked Amount 50.000		Recovery =	93.15%
Target Compounds			
1) T n-Nonane (C9)	3.233	5549992	40.110 ug/ml
2) T n-Decane (C10)	4.477	5664288	40.408 ug/ml
3) T A~Naphthalene (C11.7)	6.186	6074084	46.068 ug/ml
4) T n-Dodecane (C12)	6.640	5869642	41.571 ug/ml
5) T A~2-methylnaphthalene...	7.281	5394848	43.126 ug/ml
6) T n-Tetradecane (C14)	8.467	5856529	42.023 ug/ml
7) T n-Hexadecane (C16)	10.070	5768410	40.649 ug/ml
8) T n-Octadecane (C18)	11.512	5898209	41.302 ug/ml
10) T n-Eicosane (C20)	12.820	5842081	42.688 ug/ml
11) T n-Heneicosane (C21)	13.430	5680209	42.503 ug/ml
13) T n-Docosane (C22)	14.014	5559303	41.815 ug/ml
14) T n-Tetracosane (C24)	15.118	11366862	85.686 ug/mlm
15) T n-Hexacosane (C26)	16.135	5406052	40.383 ug/ml
16) T n-Octacosane (C28)	17.083	6869807	50.391 ug/ml
17) T n-Tricontane (C30)	17.970	5359313	36.888 ug/ml
18) T n-Dotriacontane (C32)	18.801	6318265	42.552 ug/ml
19) T n-Tetratriacontane (C34)	19.584	5094946	37.919 ug/mlm
20) T n-Hexatriacontane (C36)	20.323	4814189	40.347 ug/mlm
21) T n-Octatriacontane (C38)	21.044	4685781	41.170 ug/mlm
22) T n-Tetracontane (C40)	21.919	4615545	41.499 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165295BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

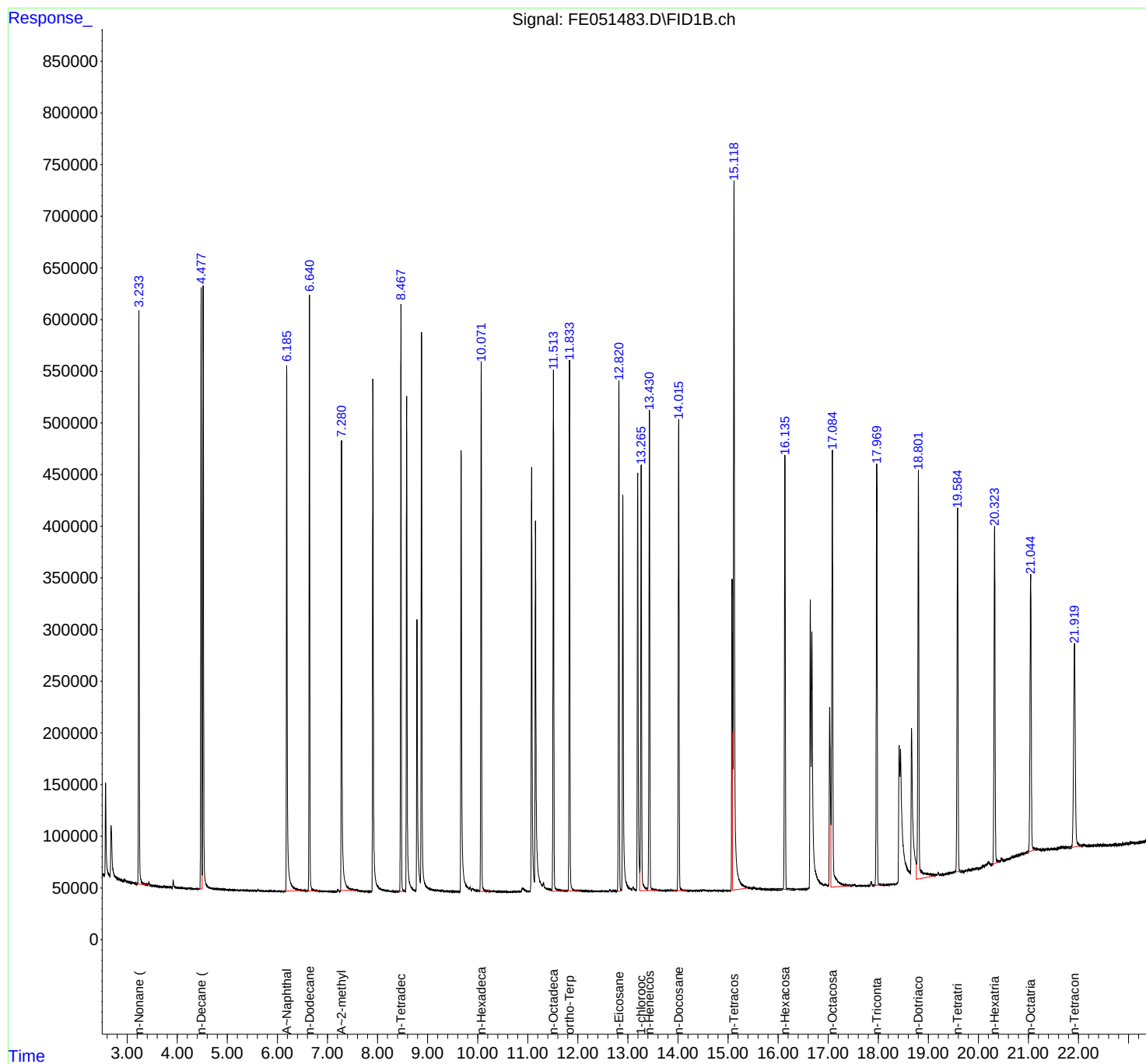
Instrument :
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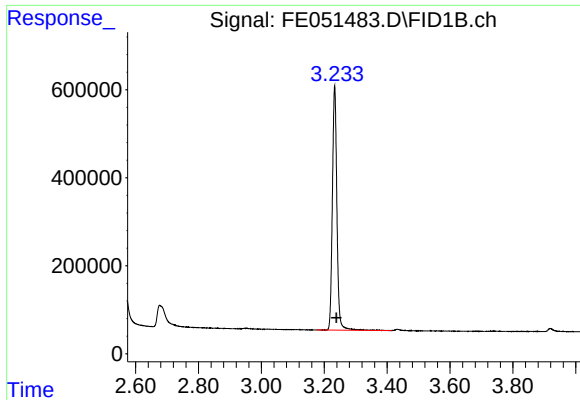
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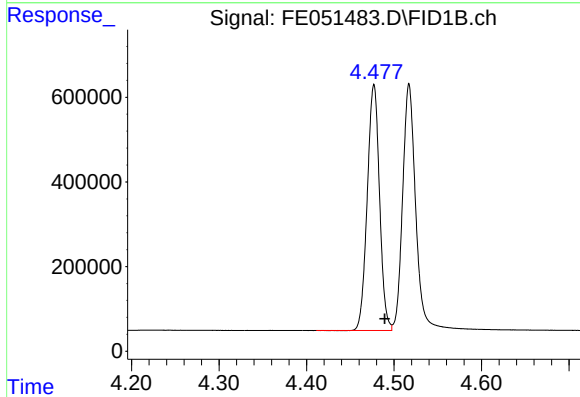
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 5549992
Conc: 40.11 ug/ml

Instrument :
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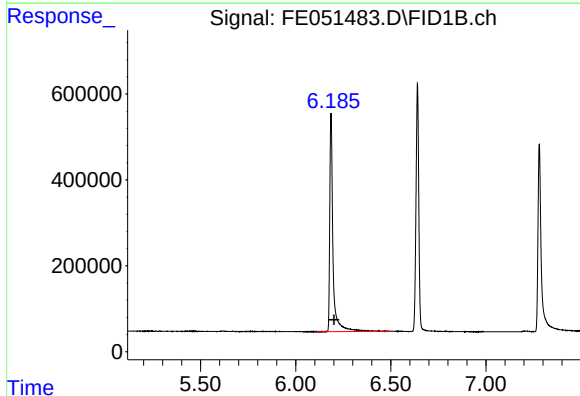
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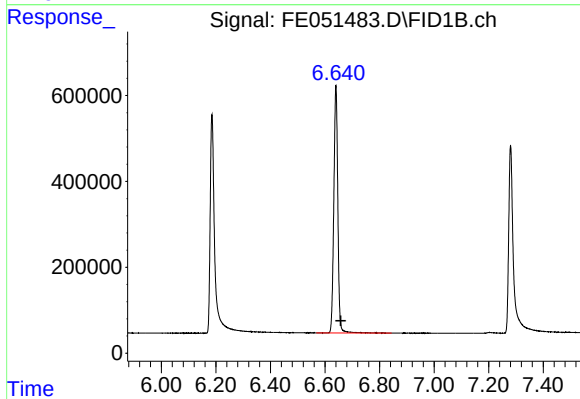
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.012 min
Response: 5664288
Conc: 40.41 ug/ml



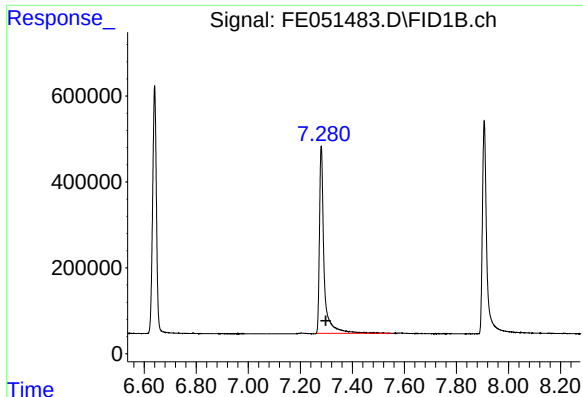
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.016 min
Response: 6074084
Conc: 46.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.017 min
Response: 5869642
Conc: 41.57 ug/ml



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

R.T.: 7.281 min
Delta R.T.: -0.017 min
Response: 5394848
Conc: 43.13 ug/ml

Instrument :

FID_E

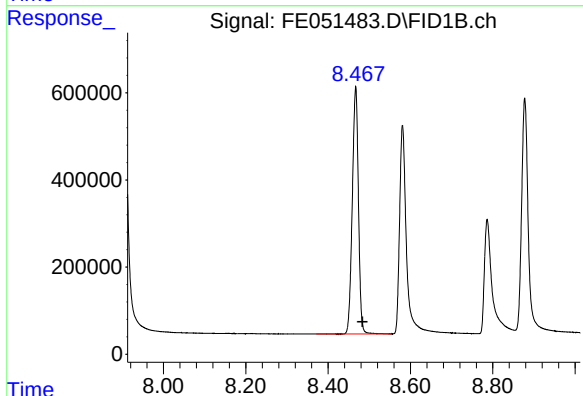
ClientSampleId :

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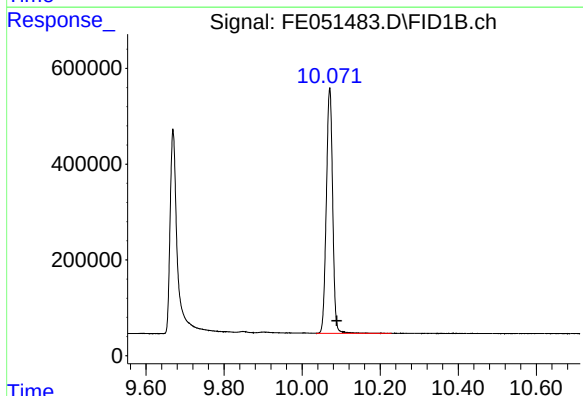
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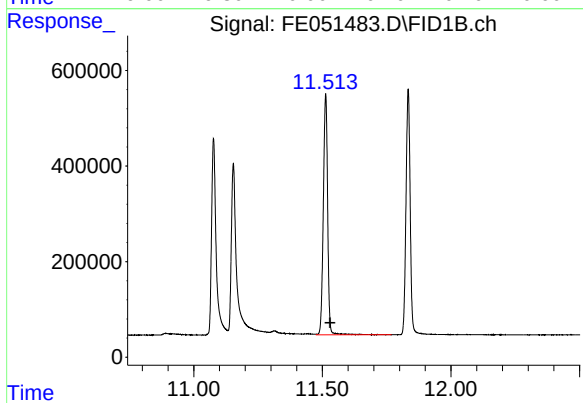
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.017 min
Response: 5856529
Conc: 42.02 ug/ml



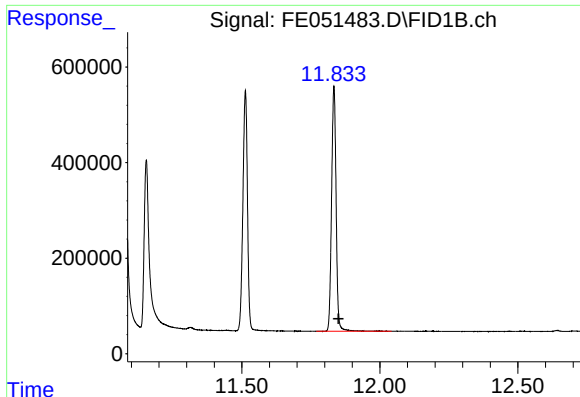
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.018 min
Response: 5768410
Conc: 40.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: -0.017 min
Response: 5898209
Conc: 41.30 ug/ml



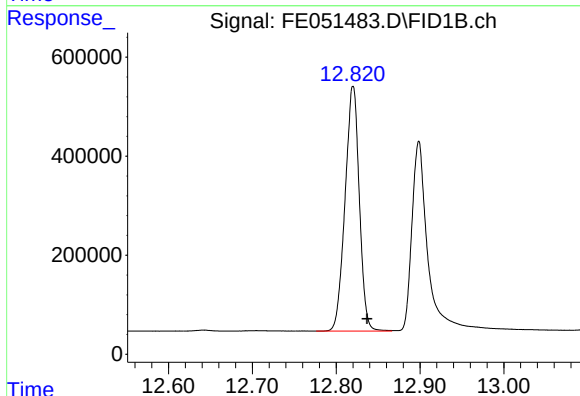
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.017 min
Response: 5853690
Conc: 39.00 ug/ml

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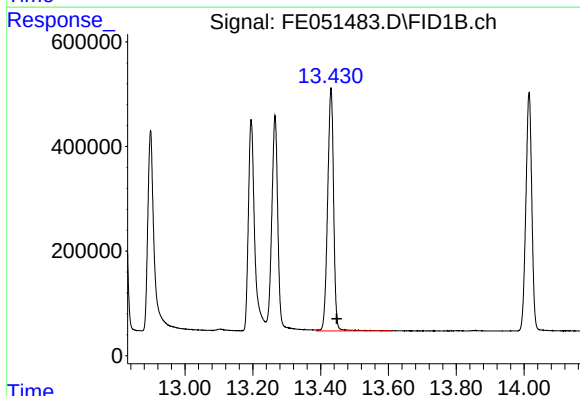
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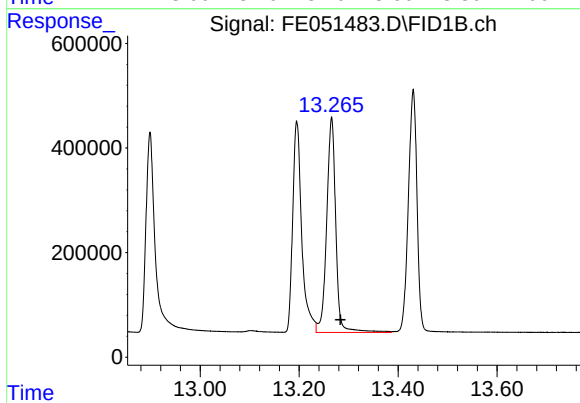
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: -0.017 min
Response: 5842081
Conc: 42.69 ug/ml



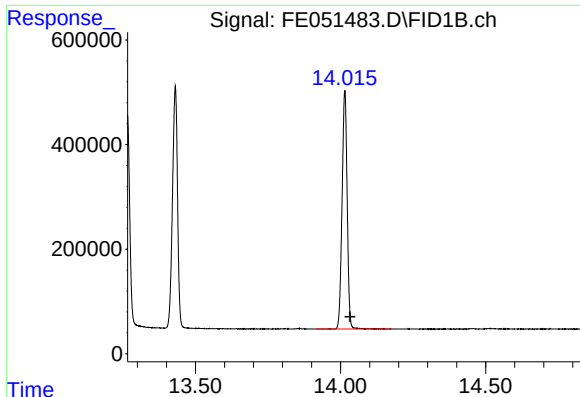
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.018 min
Response: 5680209
Conc: 42.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.018 min
Response: 5287496
Conc: 46.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.014 min
Delta R.T.: -0.019 min
Response: 5559303
Conc: 41.81 ug/ml

Instrument :

FID_E

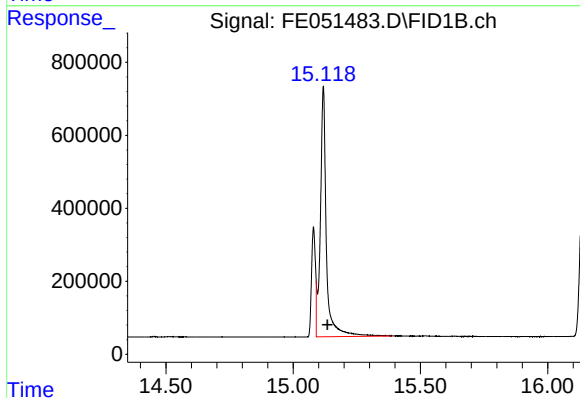
ClientSampleId :

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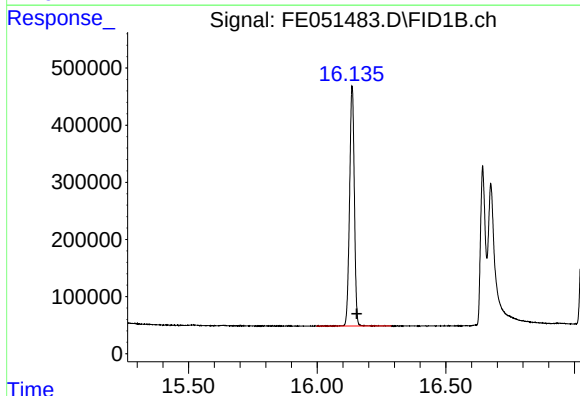
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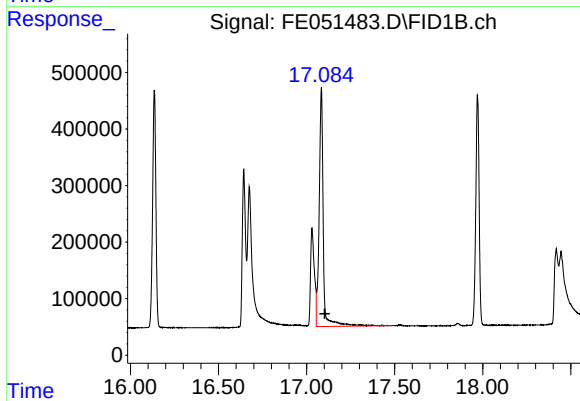
#14 n-Tetracosane (C24)

R.T.: 15.118 min
Delta R.T.: -0.016 min
Response: 11366862
Conc: 85.69 ug/ml m



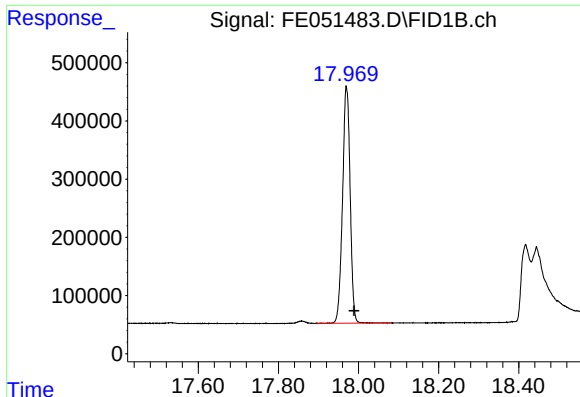
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.018 min
Response: 5406052
Conc: 40.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.019 min
Response: 6869807
Conc: 50.39 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.970 min
Delta R.T.: -0.019 min
Response: 5359313
Conc: 36.89 ug/ml

Instrument :

FID_E

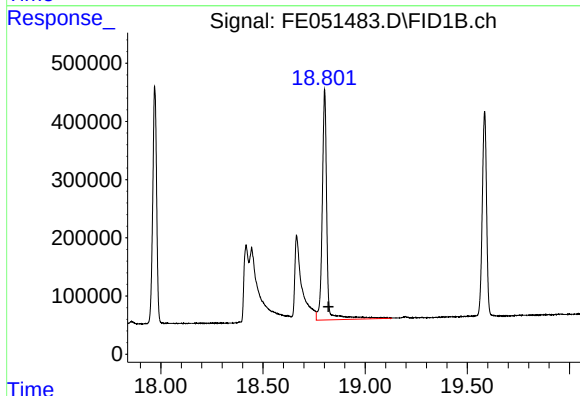
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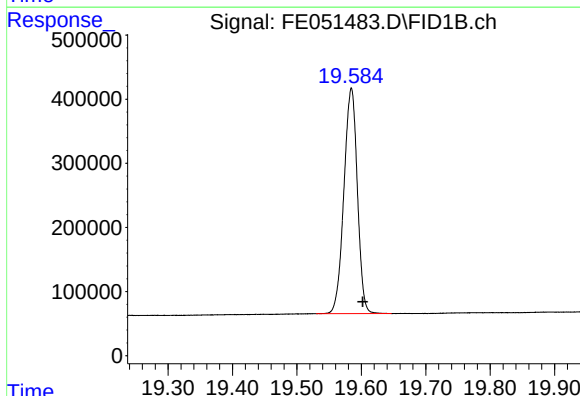
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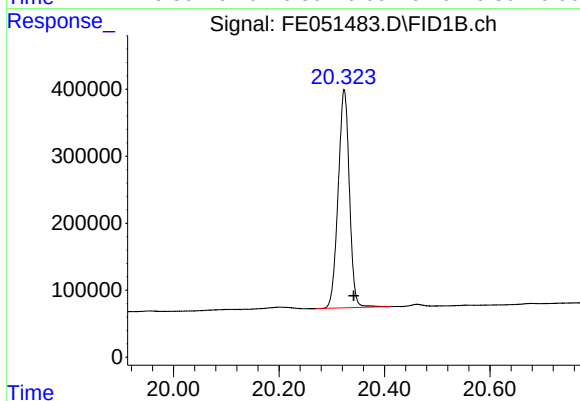
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: -0.019 min
Response: 6318265
Conc: 42.55 ug/ml



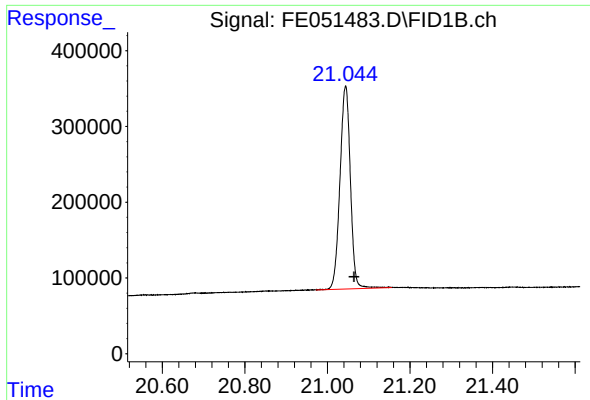
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min
Delta R.T.: -0.018 min
Response: 5094946
Conc: 37.92 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.323 min
Delta R.T.: -0.019 min
Response: 4814189
Conc: 40.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.044 min
Delta R.T.: -0.021 min
Response: 4685781
Conc: 41.17 ug/ml

Instrument :

FID_E

ClientSampleId :

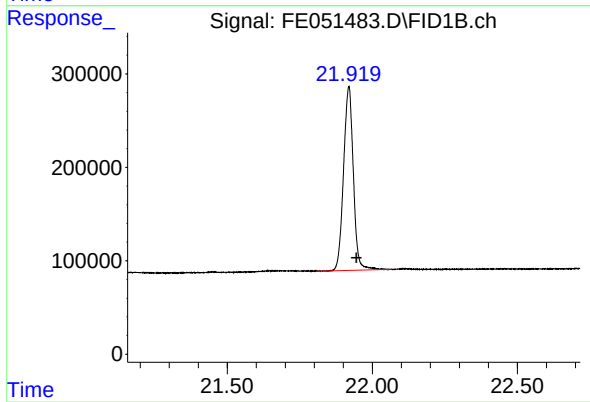
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#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: -0.025 min
Response: 4615545
Conc: 41.50 ug/ml m