

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045860.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 14:32
 Operator : YP\AJ
 Sample : PB157811BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157811BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e

Quant Time: Dec 15 22:35:53 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 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)	11.841	8280752	39.599 ug/ml
Spiked Amount 50.000		Recovery =	79.20%
12) S 1-chlorooctadecane (S...	13.282	6372541	40.500 ug/ml
Spiked Amount 50.000		Recovery =	81.00%
Target Compounds			
1) T n-Nonane (C9)	3.240	5946408	37.499 ug/ml
2) T n-Decane (C10)	4.486	6363982	39.742 ug/ml
3) T A~Naphthalene (C11.7)	6.182	7635816	43.835 ug/ml
4) T n-Dodecane (C12)	6.649	7118868	44.072 ug/ml
5) T A~2-methylnaphthalene...	7.277	7961160	46.880 ug/ml
6) T n-Tetradecane (C14)	8.477	8000520	49.871 ug/ml
7) T n-Hexadecane (C16)	10.084	8290585	50.066 ug/ml
8) T n-Octadecane (C18)	11.529	8364209	48.785 ug/ml
10) T n-Eicosane (C20)	12.840	8295227	47.943 ug/ml
11) T n-Heneicosane (C21)	13.452	7855096	45.661 ug/ml
13) T n-Docosane (C22)	14.039	7744116	44.914 ug/ml
14) T n-Tetracosane (C24)	15.128	15231679	87.248 ug/ml
15) T n-Hexacosane (C26)	16.167	7347328	42.189 ug/ml
16) T n-Octacosane (C28)	17.117	7282728	42.137 ug/ml
17) T n-Tricontane (C30)	18.008	7222906	41.286 ug/ml
18) T n-Dotriacontane (C32)	18.840	7233423	39.649 ug/ml
19) T n-Tetratriacontane (C34)	19.627	7223676	43.534 ug/ml
20) T n-Hexatriacontane (C36)	20.368	7231287	45.555 ug/ml
21) T n-Octatriacontane (C38)	21.100	7570507	48.275 ug/ml
22) T n-Tetracontane (C40)	21.997	8011062	56.370 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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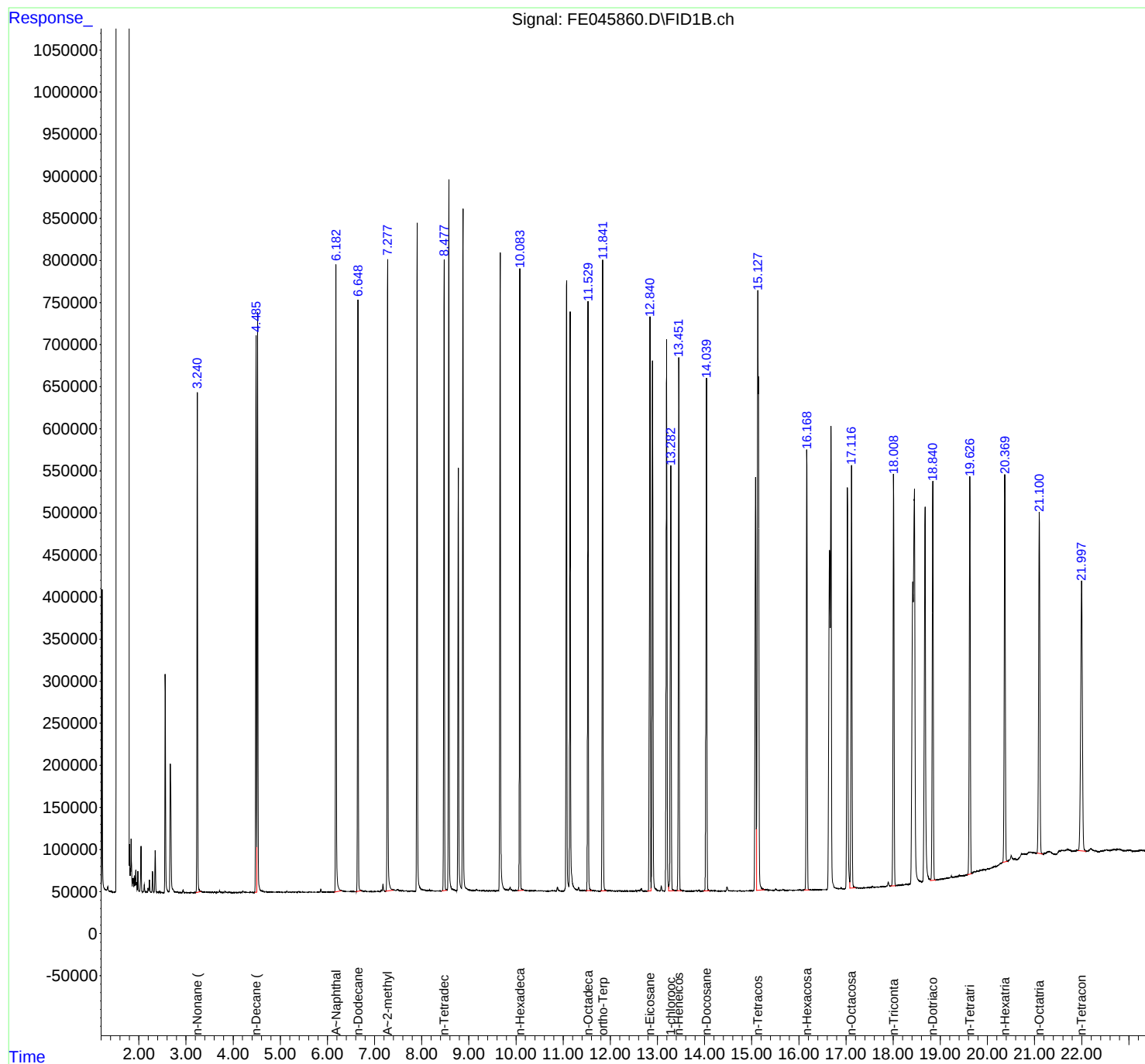
Response via : Initial Calibration

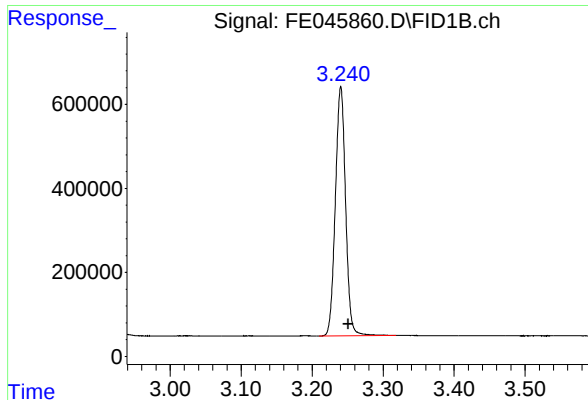
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.011 min
Response: 5946408
Conc: 37.50 ug/ml

Instrument :

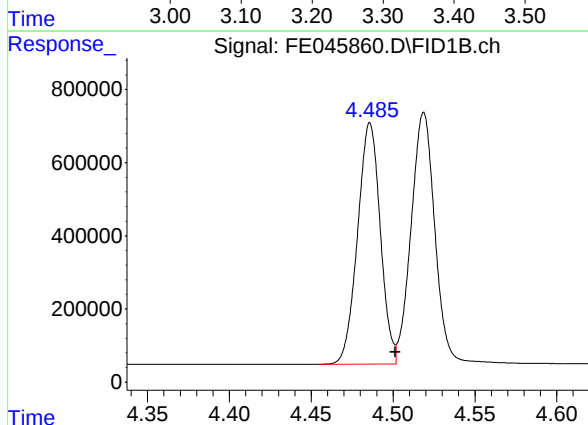
FID_E

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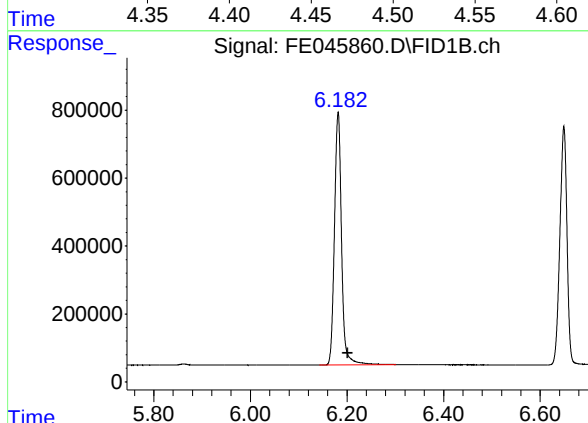
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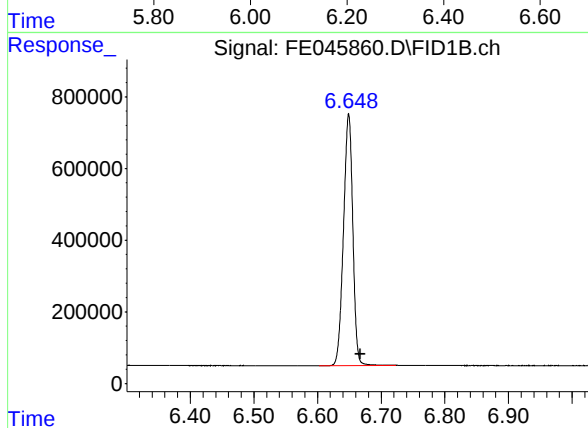
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.015 min
Response: 6363982
Conc: 39.74 ug/ml



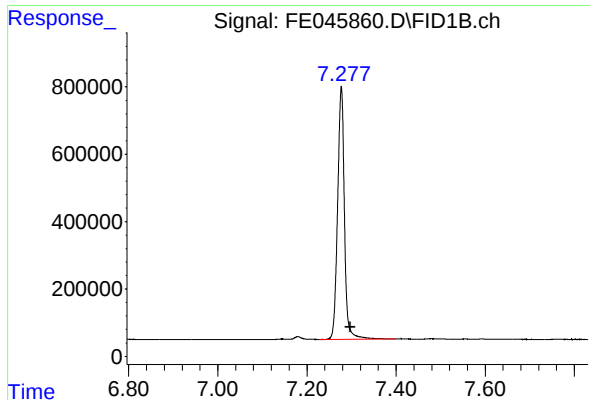
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.020 min
Response: 7635816
Conc: 43.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.018 min
Response: 7118868
Conc: 44.07 ug/ml



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

R.T.: 7.277 min
Delta R.T.: -0.020 min
Response: 7961160
Conc: 46.88 ug/ml

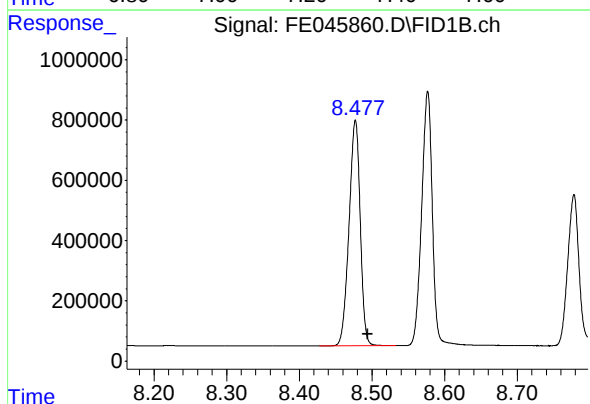
Instrument :

FID_E

ClientSampleId :
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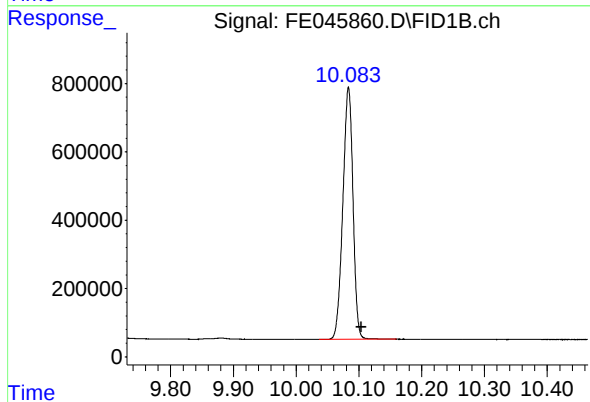
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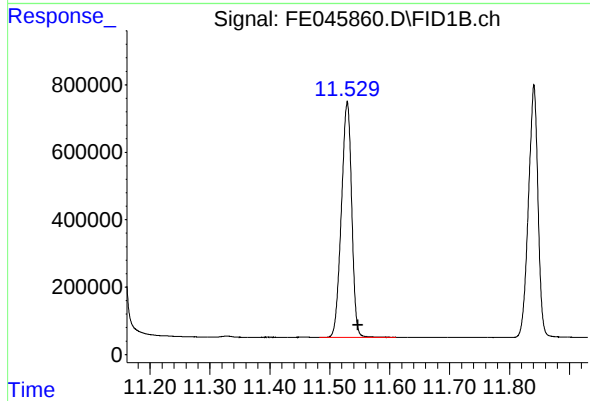
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.017 min
Response: 8000520
Conc: 49.87 ug/ml



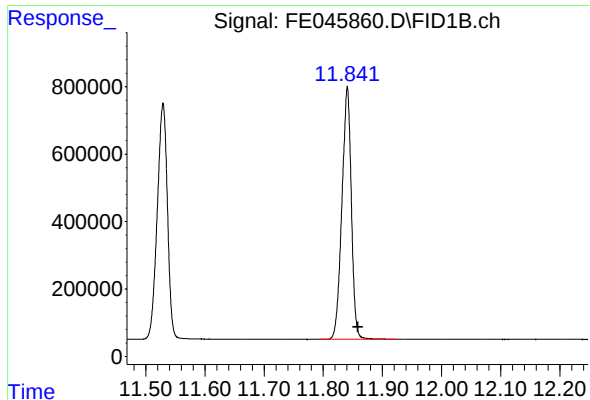
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.020 min
Response: 8290585
Conc: 50.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.018 min
Response: 8364209
Conc: 48.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.018 min
Response: 8280752
Conc: 39.60 ug/ml

Instrument :

FID_E

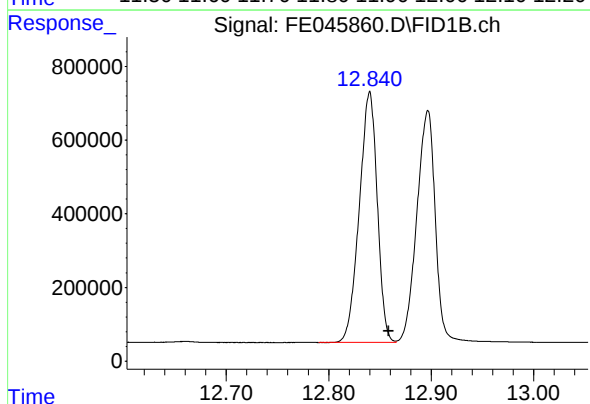
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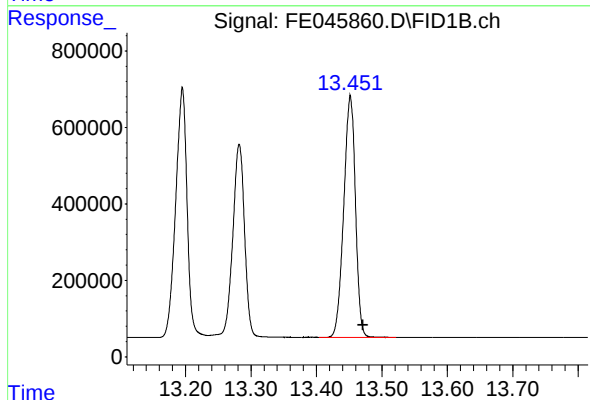
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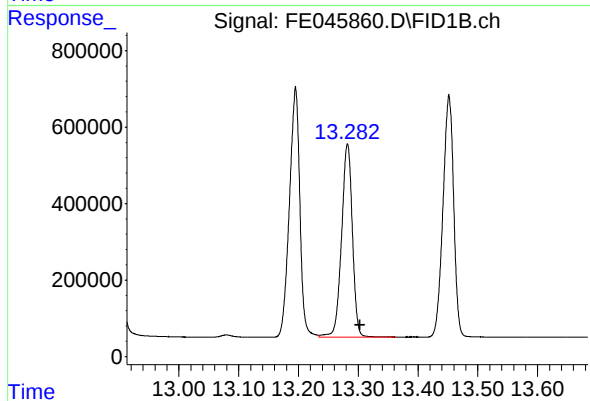
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.018 min
Response: 8295227
Conc: 47.94 ug/ml



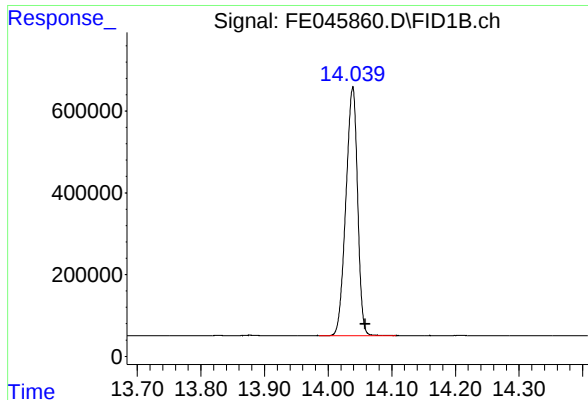
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.019 min
Response: 7855096
Conc: 45.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.021 min
Response: 6372541
Conc: 40.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.019 min
Response: 7744116
Conc: 44.91 ug/ml

Instrument :

FID_E

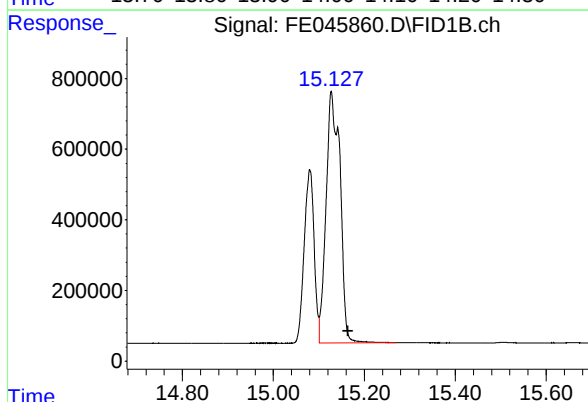
ClientSampleId :

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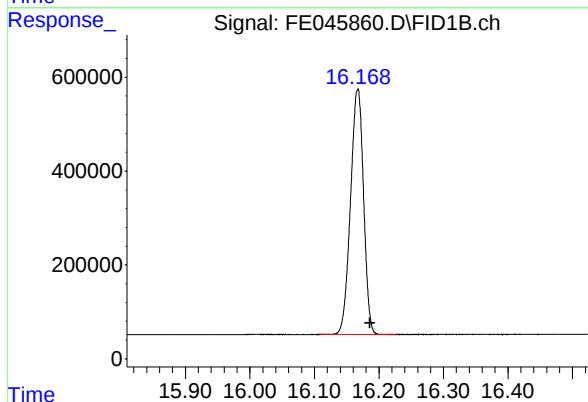
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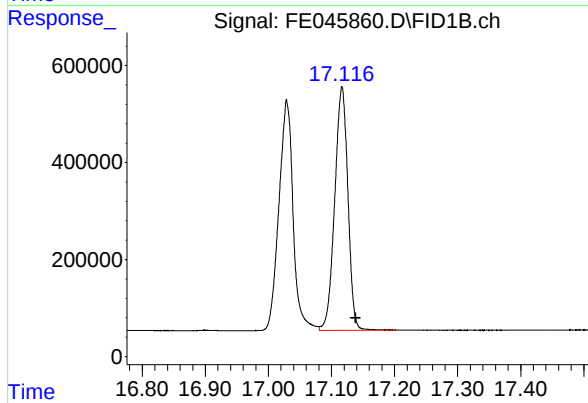
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.037 min
Response: 15231679
Conc: 87.25 ug/ml



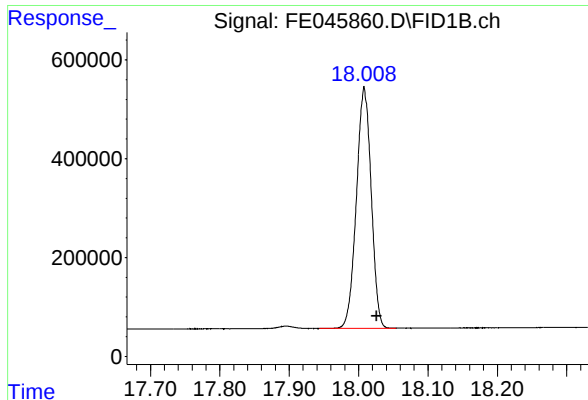
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.019 min
Response: 7347328
Conc: 42.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.022 min
Response: 7282728
Conc: 42.14 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.018 min
Response: 7222906
Conc: 41.29 ug/ml

Instrument :

FID_E

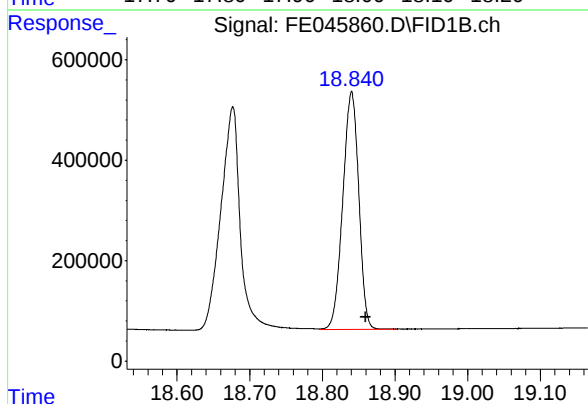
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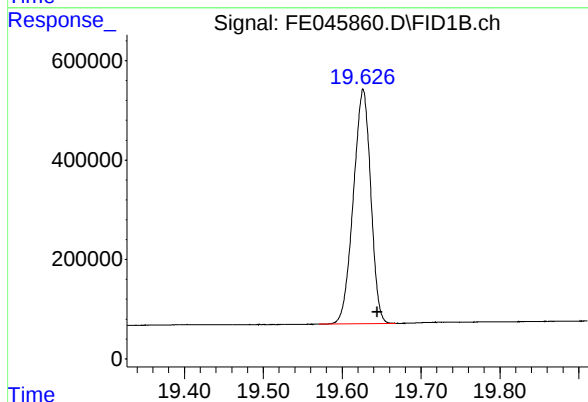
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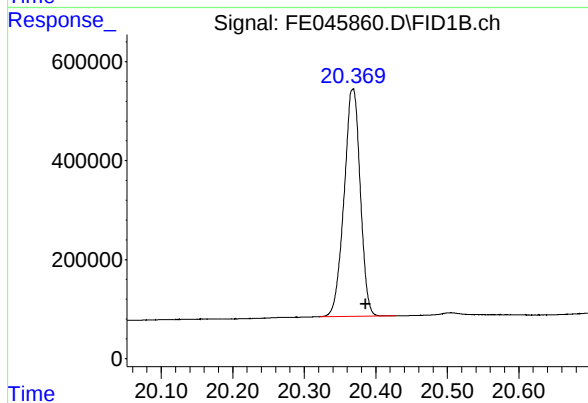
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.020 min
Response: 7233423
Conc: 39.65 ug/ml



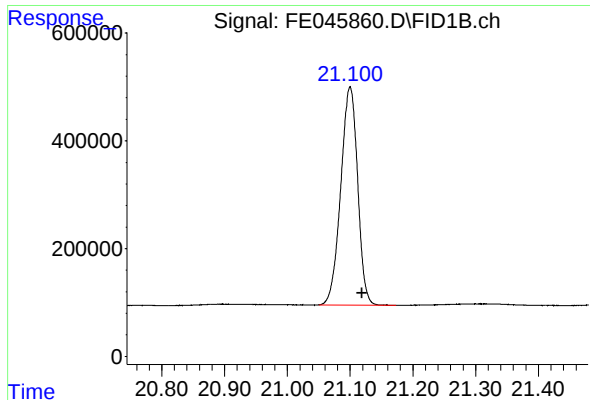
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.018 min
Response: 7223676
Conc: 43.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.018 min
Response: 7231287
Conc: 45.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.019 min
Response: 7570507
Conc: 48.28 ug/ml

Instrument :

FID_E

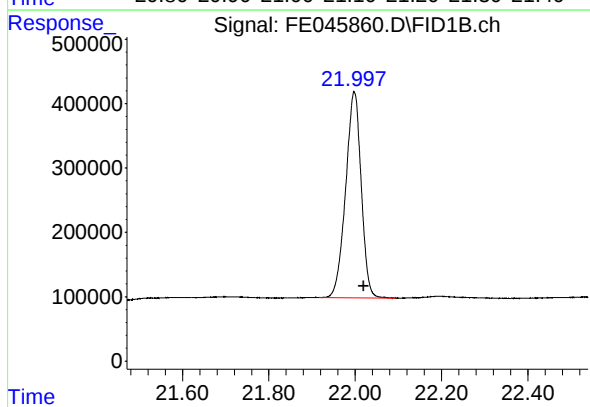
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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.022 min
Response: 8011062
Conc: 56.37 ug/ml m