

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080624AL\
 Data File : FE049483.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2024 20:32
 Operator : YP\AJ
 Sample : P3474-10MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-B2-COMPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :Ankita Jodhani 08/07/2024

Integration File: autoint1.e

Quant Time: Aug 07 01:58:10 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.893	6193101	39.929 ug/ml
Spiked Amount 50.000		Recovery =	79.86%
12) S 1-chlorooctadecane (S...	13.328	4329015	37.052 ug/ml
Spiked Amount 50.000		Recovery =	74.10%
Target Compounds			
1) T n-Nonane (C9)	3.286	5252334	34.925 ug/ml
2) T n-Decane (C10)	4.535	6009827	38.911 ug/ml
3) T A~Naphthalene (C11.7)	6.239	6986733	44.843 ug/ml
4) T n-Dodecane (C12)	6.700	6308457	40.969 ug/ml
5) T A~2-methylnaphthalene...	7.335	7042942	48.395 ug/mlm
6) T n-Tetradecane (C14)	8.530	7083562	46.672 ug/ml
7) T n-Hexadecane (C16)	10.134	7687296	50.689 ug/ml
8) T n-Octadecane (C18)	11.577	7839015	51.630 ug/ml
10) T n-Eicosane (C20)	12.886	7881889	54.505 ug/ml
11) T n-Heneicosane (C21)	13.496	7651737	53.958 ug/ml
13) T n-Docosane (C22)	14.082	7553750	53.766 ug/ml
14) T n-Tetracosane (C24)	15.177	14761731	105.327 ug/ml
15) T n-Hexacosane (C26)	16.205	7444126	53.088 ug/ml
16) T n-Octacosane (C28)	17.152	7748939	55.363 ug/ml
17) T n-Tricontane (C30)	18.040	7640209	52.376 ug/ml
18) T n-Dotriacontane (C32)	18.870	7631153	51.899 ug/ml
19) T n-Tetratriacontane (C34)	19.653	7943718	54.383 ug/ml
20) T n-Hexatriacontane (C36)	20.391	8067748	55.964 ug/ml
21) T n-Octatriacontane (C38)	21.121	8476839	56.629 ug/ml
22) T n-Tetracontane (C40)	22.017	8217336	54.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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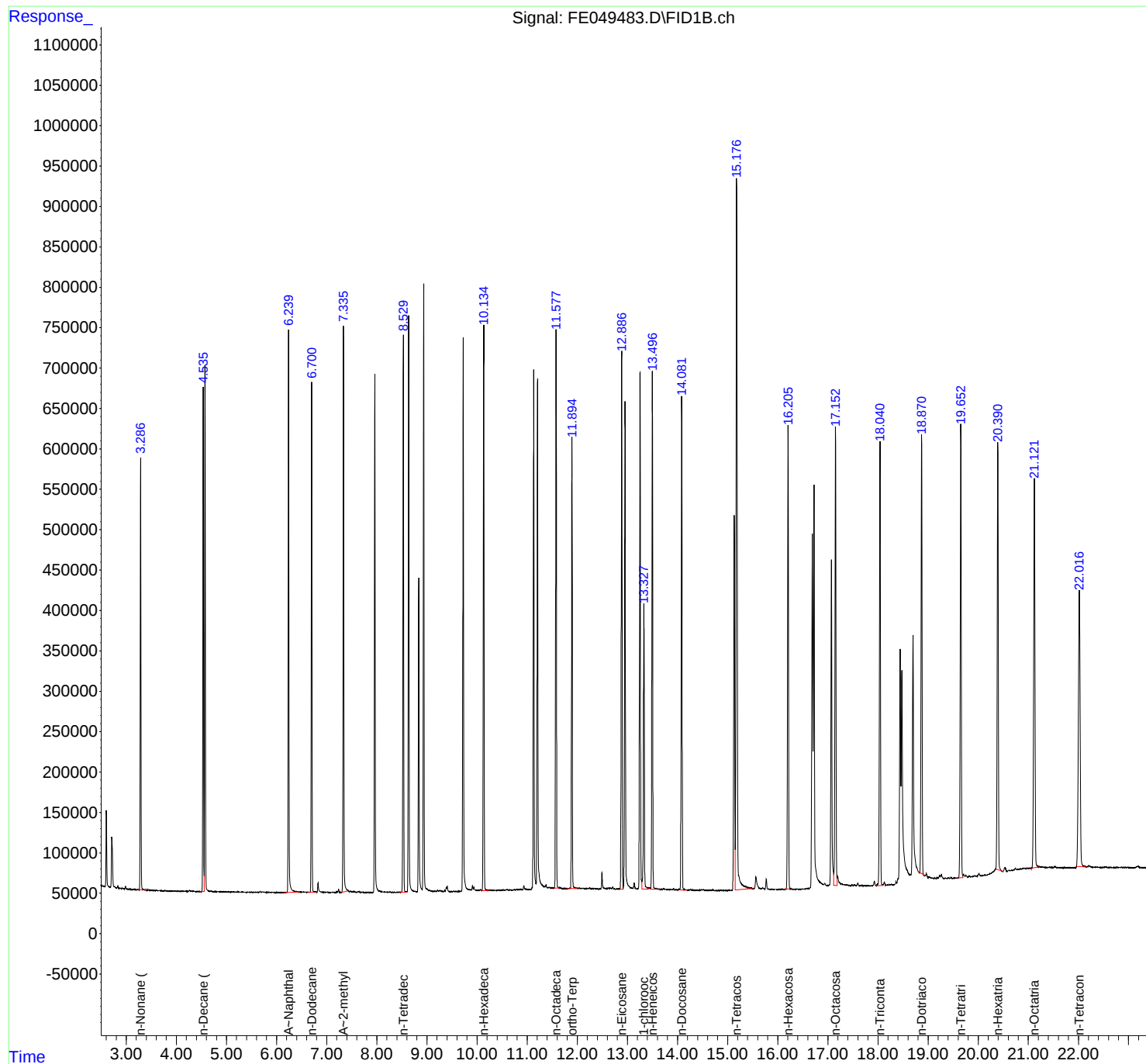
Instrument :
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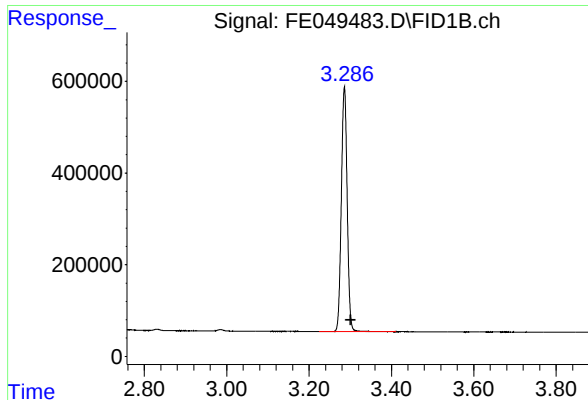
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.015 min
Response: 5252334
Conc: 34.93 ug/ml

Instrument :

FID_E

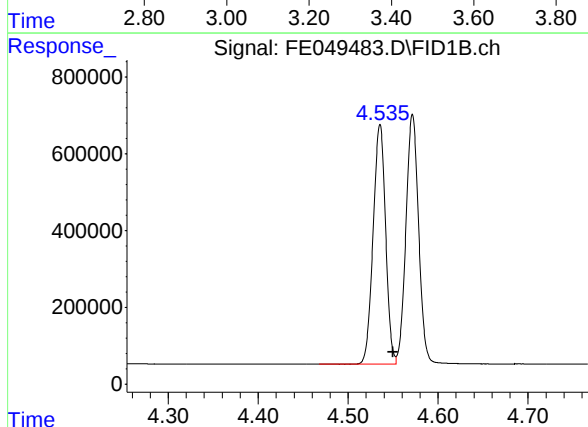
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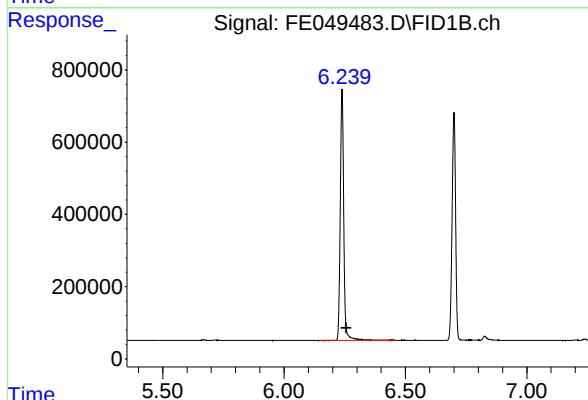
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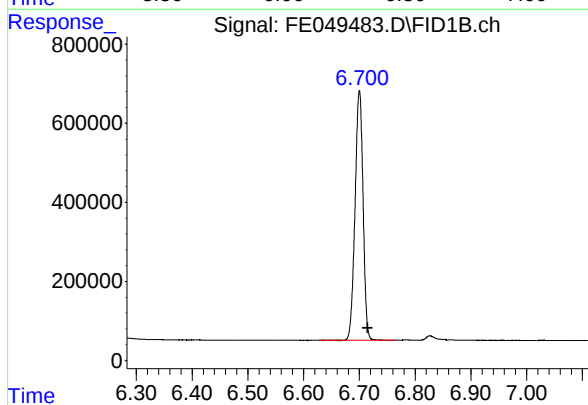
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.014 min
Response: 6009827
Conc: 38.91 ug/ml



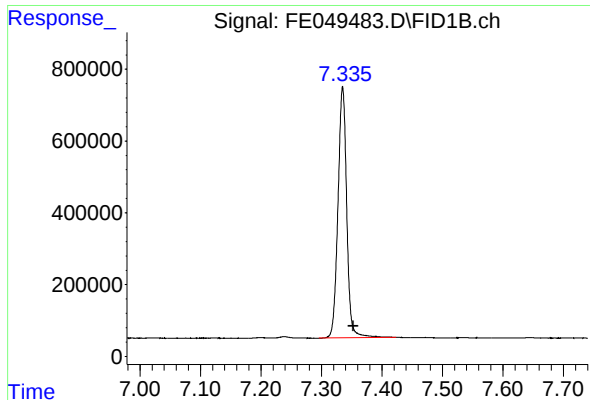
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.018 min
Response: 6986733
Conc: 44.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.015 min
Response: 6308457
Conc: 40.97 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.018 min
Response: 7042942
Conc: 48.40 ug/ml

Instrument :

FID_E

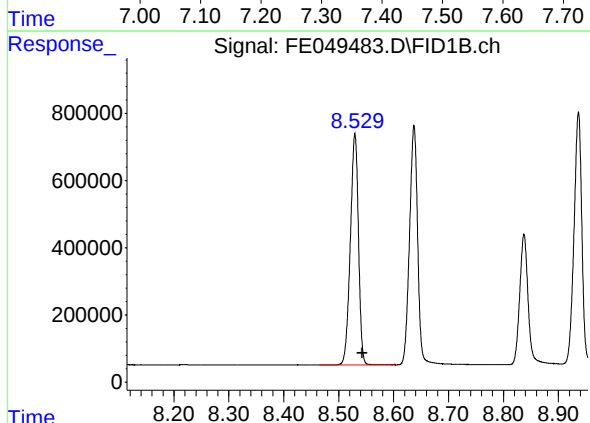
ClientSampleId :

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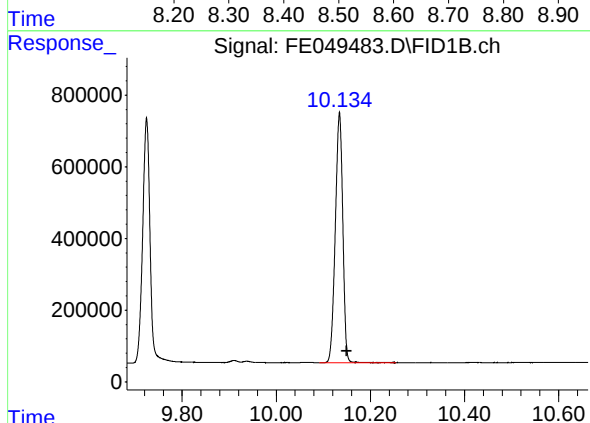
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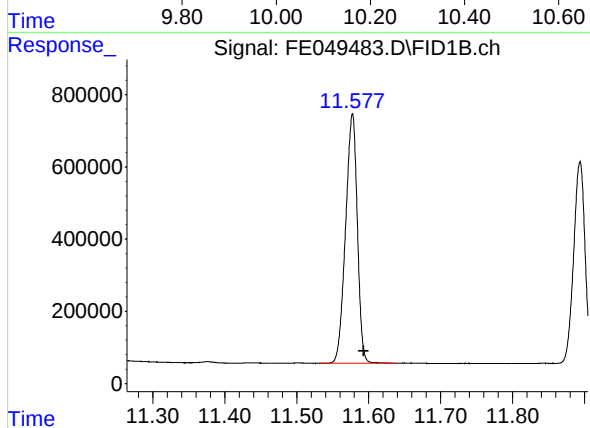
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.014 min
Response: 7083562
Conc: 46.67 ug/ml



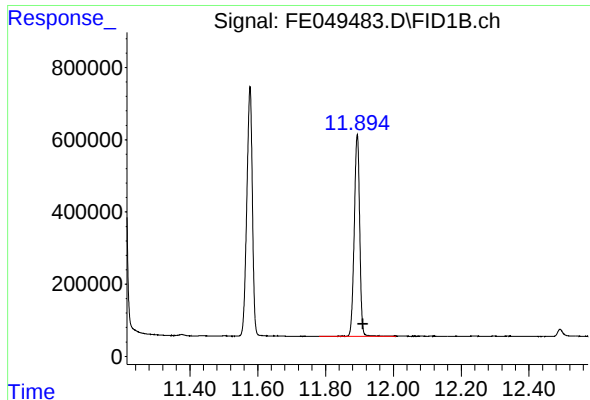
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.016 min
Response: 7687296
Conc: 50.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.016 min
Response: 7839015
Conc: 51.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.017 min
Response: 6193101
Conc: 39.93 ug/ml

Instrument :

FID_E

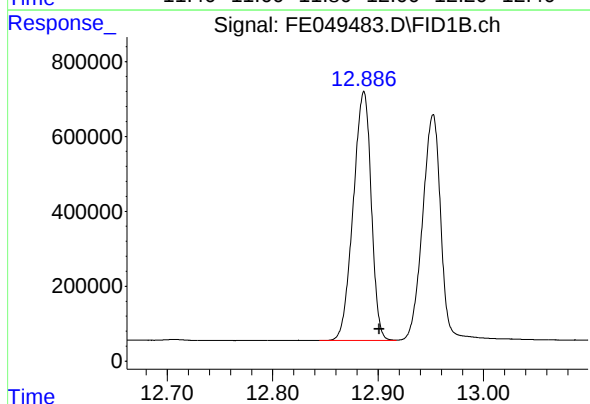
ClientSampleId :

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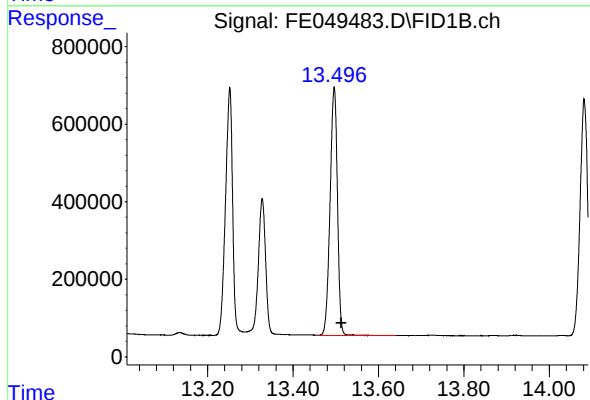
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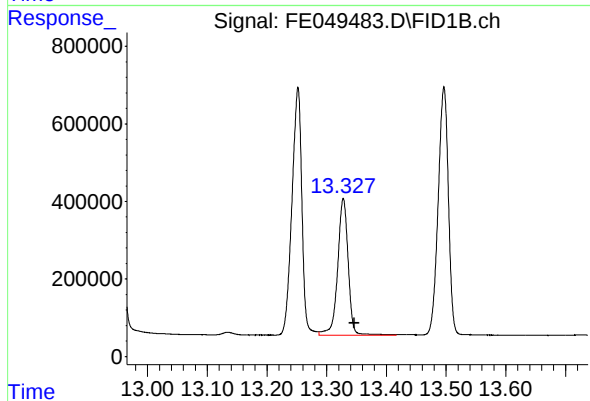
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.015 min
Response: 7881889
Conc: 54.51 ug/ml



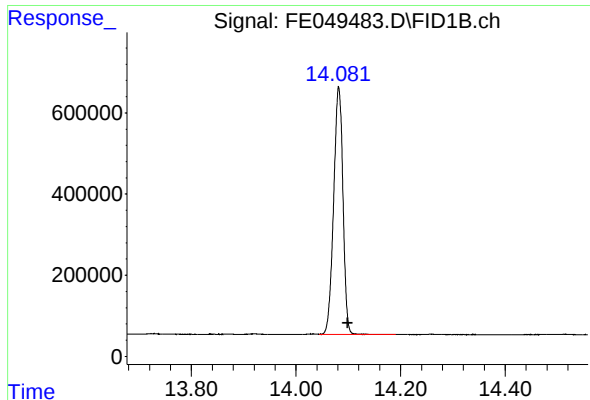
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.017 min
Response: 7651737
Conc: 53.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: -0.018 min
Response: 4329015
Conc: 37.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.017 min
Response: 7553750
Conc: 53.77 ug/ml

Instrument :

FID_E

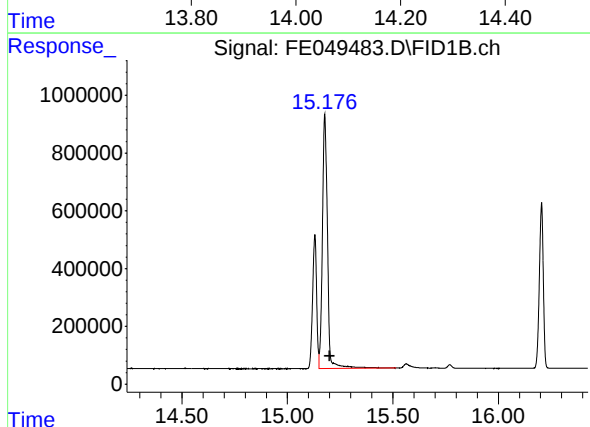
ClientSampleId :

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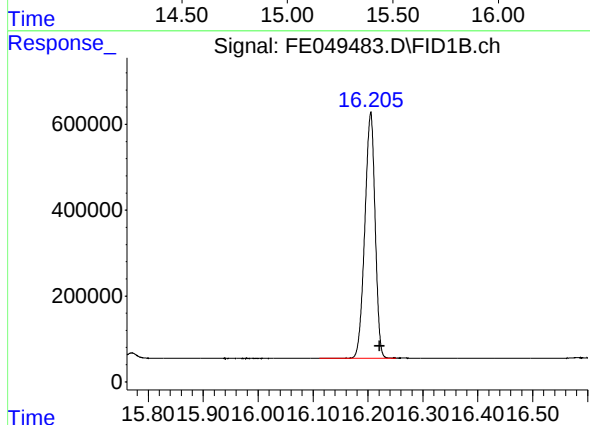
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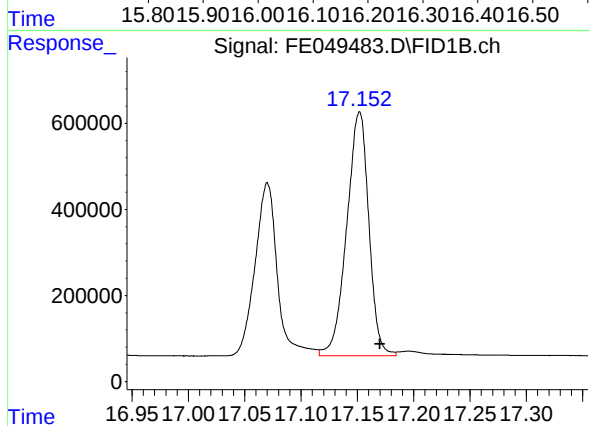
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.023 min
Response: 14761731
Conc: 105.33 ug/ml



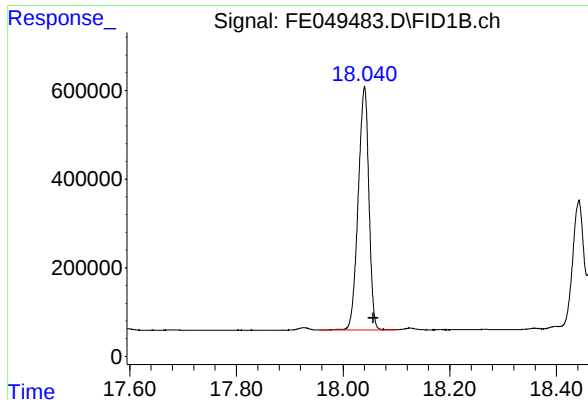
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.016 min
Response: 7444126
Conc: 53.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.018 min
Response: 7748939
Conc: 55.36 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: -0.017 min
Response: 7640209
Conc: 52.38 ug/ml

Instrument :

FID_E

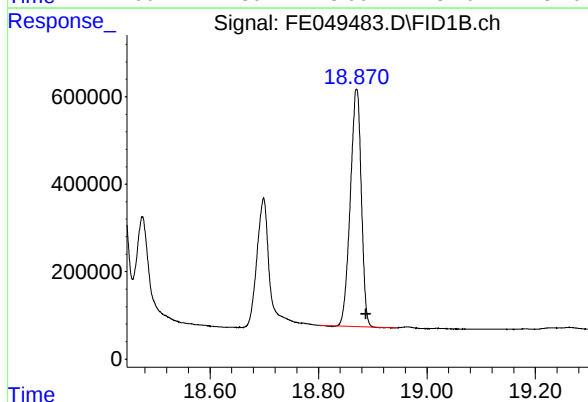
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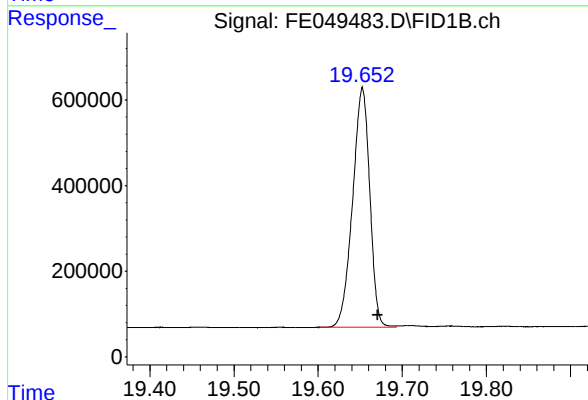
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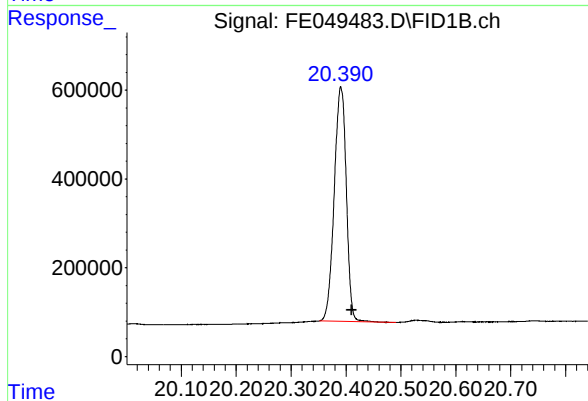
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.018 min
Response: 7631153
Conc: 51.90 ug/ml



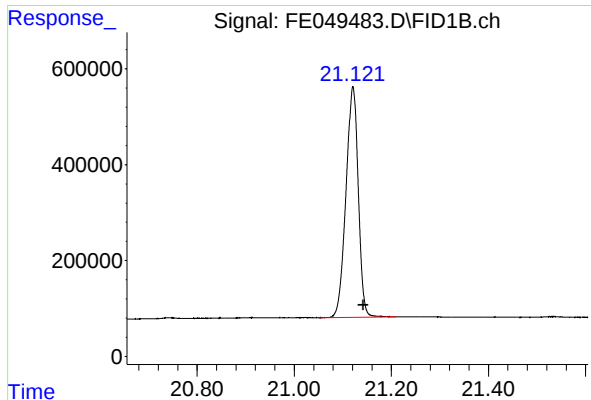
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.018 min
Response: 7943718
Conc: 54.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.020 min
Response: 8067748
Conc: 55.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.021 min
Response: 8476839
Conc: 56.63 ug/ml

Instrument :

FID_E

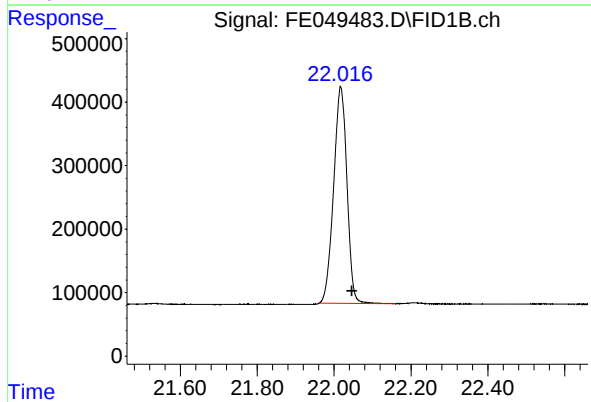
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#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: -0.030 min
Response: 8217336
Conc: 54.45 ug/ml