

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041369.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 18:11
 Operator : YP\AJ
 Sample : 02349-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

NB-07-041323MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/17/2023

Supervised By :Ankita Jodhani 04/17/2023

Integration File: autoint1.e

Quant Time: Apr 15 01:22:30 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)	11.843	7096631	37.760 ug/ml
Spiked Amount 50.000		Recovery =	75.52%
12) S 1-chlorooctadecane (S...	13.282	12667792	88.044 ug/ml
Spiked Amount 50.000		Recovery =	176.09%
Target Compounds			
1) T n-Nonane (C9)	3.237	5140196	29.624 ug/ml
2) T n-Decane (C10)	4.486	5896262	34.640 ug/mlm
3) T A~Naphthalene (C11.7)	6.187	6944465	37.967 ug/ml
4) T n-Dodecane (C12)	6.651	7857510	45.298 ug/ml
5) T A~2-methylnaphthalene...	7.283	7019505	42.385 ug/mlm
6) T n-Tetradecane (C14)	8.480	8571517	49.158 ug/ml
7) T n-Hexadecane (C16)	10.085	8416177	47.321 ug/ml
8) T n-Octadecane (C18)	11.529	8554481	47.910 ug/ml
10) T n-Eicosane (C20)	12.840	8496982	49.814 ug/ml
11) T n-Heneicosane (C21)	13.451	8037966	47.510 ug/ml
13) T n-Docosane (C22)	14.038	7912017	47.811 ug/ml
14) T n-Tetracosane (C24)	15.139	15588075	96.350 ug/ml
15) T n-Hexacosane (C26)	16.167	7567210	48.816 ug/ml
16) T n-Octacosane (C28)	17.117	7650181	49.942 ug/ml
17) T n-Tricontane (C30)	18.009	7617056	49.832 ug/ml
18) T n-Dotriacontane (C32)	18.841	7540657	48.298 ug/ml
19) T n-Tetratriacontane (C34)	19.626	7592240	48.992 ug/ml
20) T n-Hexatriacontane (C36)	20.368	7319656	48.188 ug/mlm
21) T n-Octatriacontane (C38)	21.097	7626042	48.817 ug/ml
22) T n-Tetracontane (C40)	21.981	8304620	52.032 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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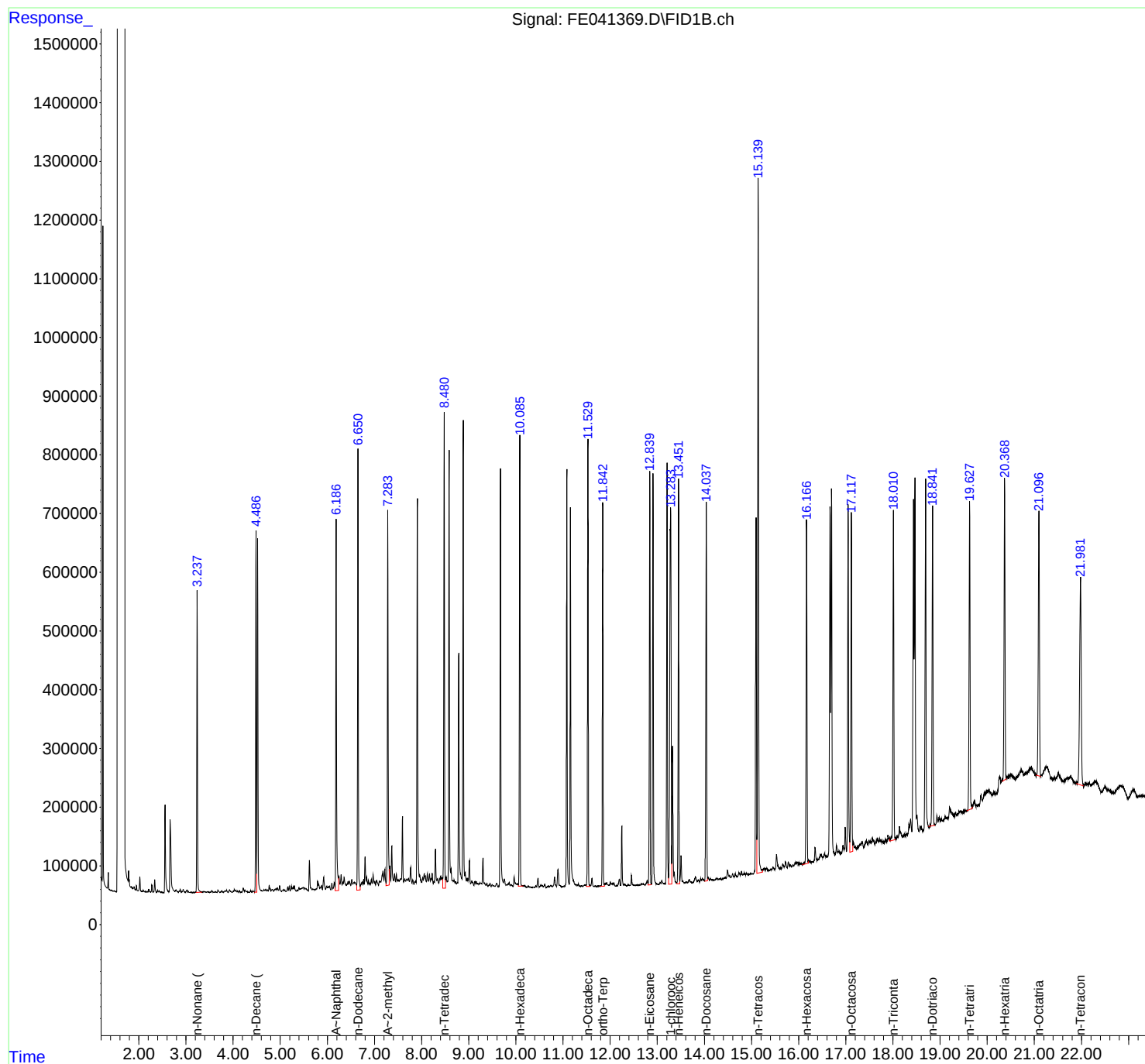
Instrument :
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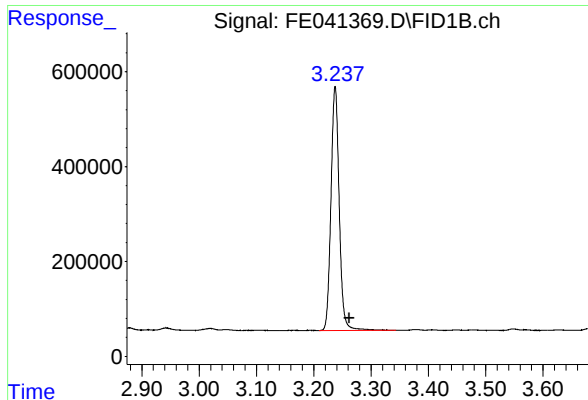
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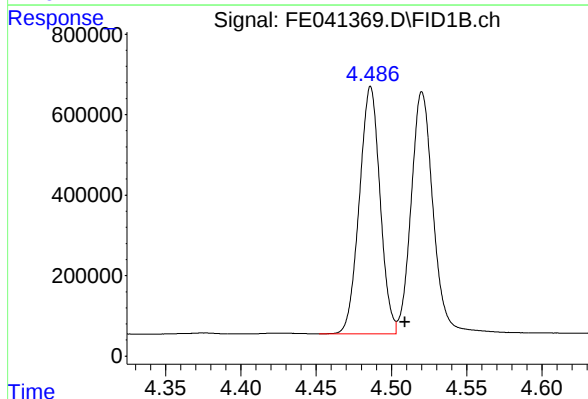
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.025 min
Response: 5140196
Conc: 29.62 ug/ml

Instrument :
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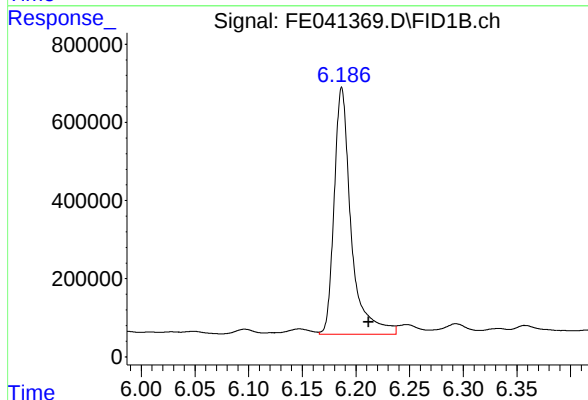
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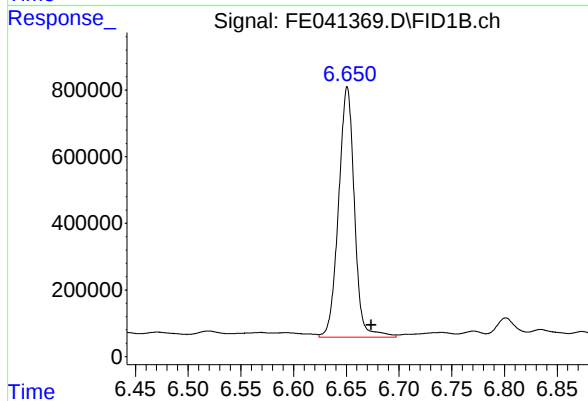
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.023 min
Response: 5896262
Conc: 34.64 ug/ml



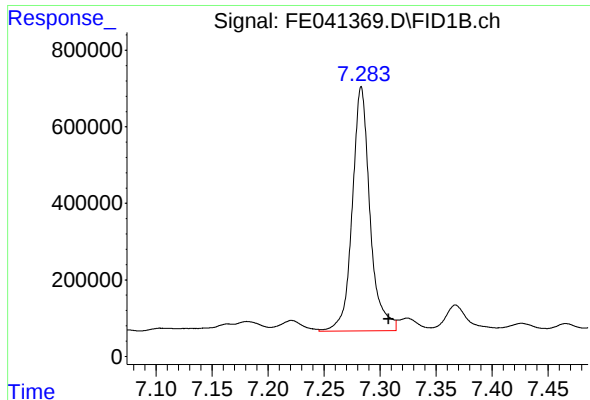
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 6944465
Conc: 37.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.023 min
Response: 7857510
Conc: 45.30 ug/ml



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

R.T.: 7.283 min
Delta R.T.: -0.025 min
Response: 7019505
Conc: 42.38 ug/ml

Instrument :

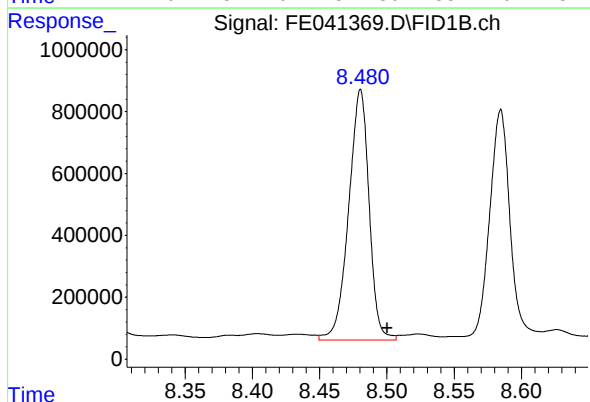
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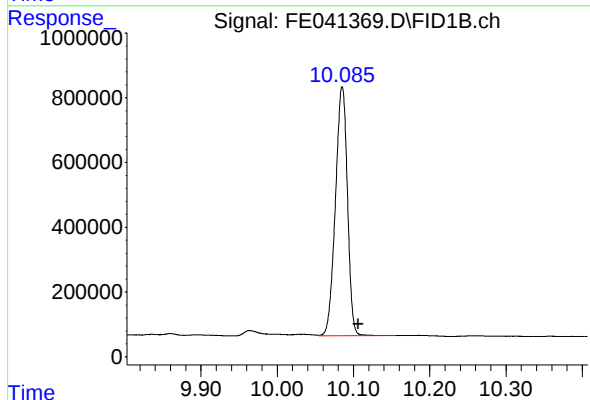
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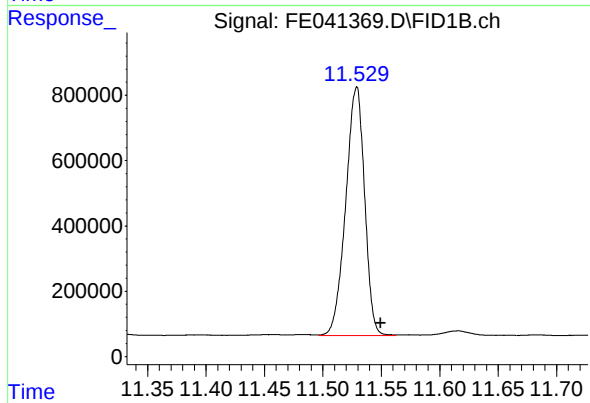
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.020 min
Response: 8571517
Conc: 49.16 ug/ml



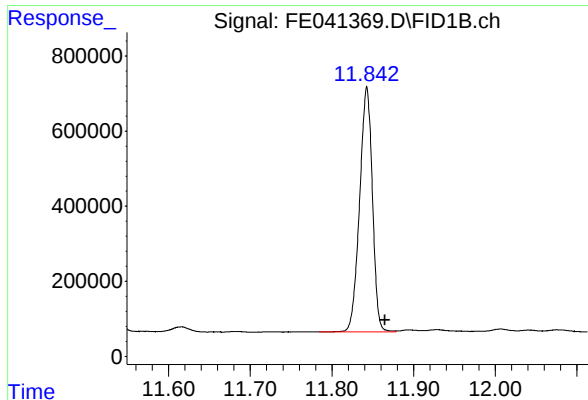
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.021 min
Response: 8416177
Conc: 47.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.020 min
Response: 8554481
Conc: 47.91 ug/ml



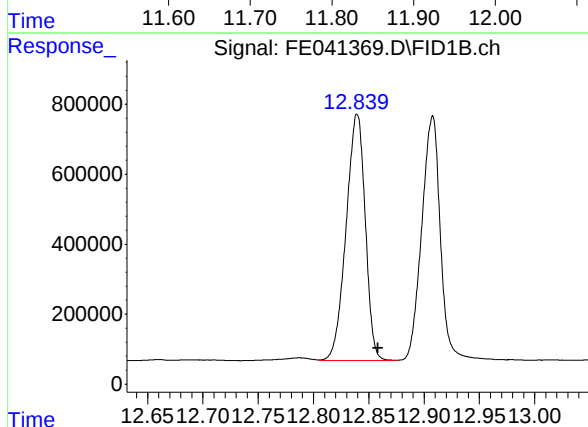
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.022 min
Response: 7096631
Conc: 37.76 ug/ml

Instrument : FID_E
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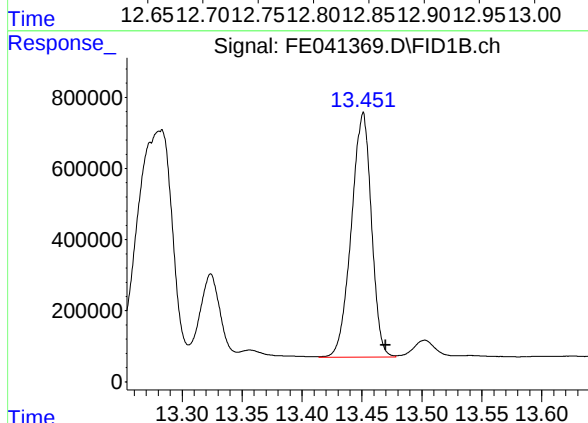
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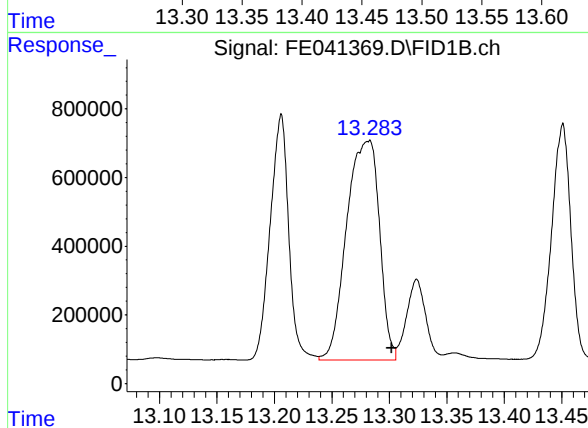
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.019 min
Response: 8496982
Conc: 49.81 ug/ml



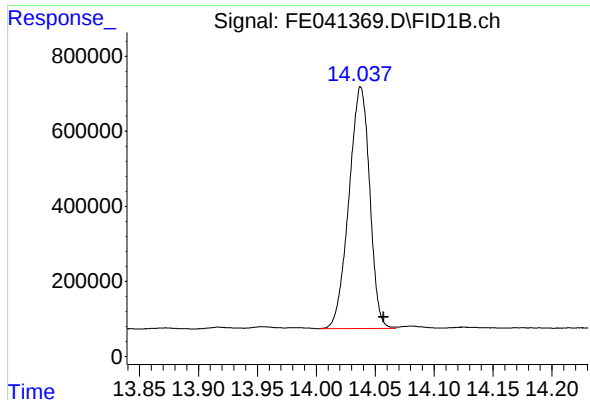
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.019 min
Response: 8037966
Conc: 47.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.020 min
Response: 12667792
Conc: 88.04 ug/ml



#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.019 min
Response: 7912017
Conc: 47.81 ug/ml

Instrument :

FID_E

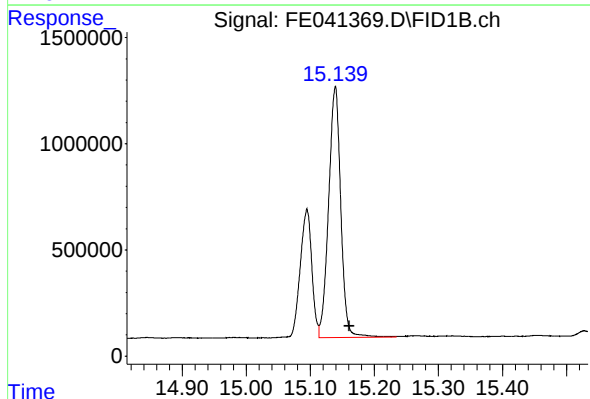
ClientSampleId :

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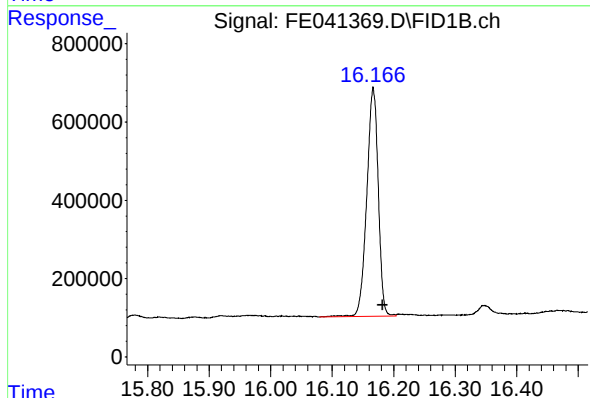
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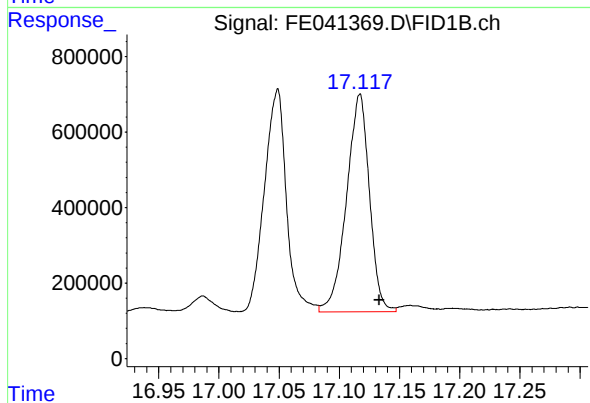
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.022 min
Response: 15588075
Conc: 96.35 ug/ml



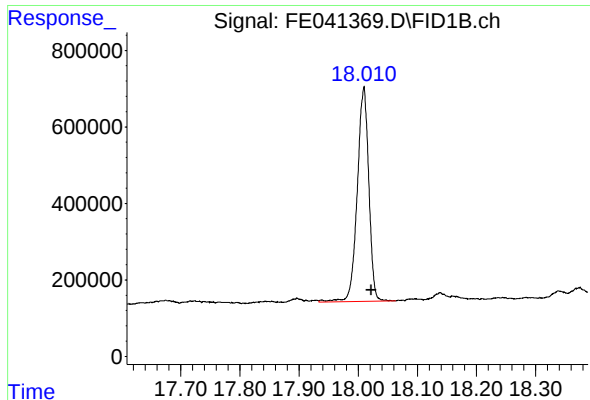
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.015 min
Response: 7567210
Conc: 48.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.016 min
Response: 7650181
Conc: 49.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.013 min
Response: 7617056
Conc: 49.83 ug/ml

Instrument :

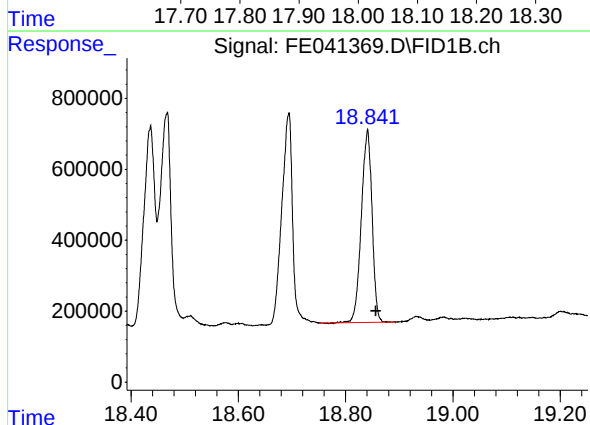
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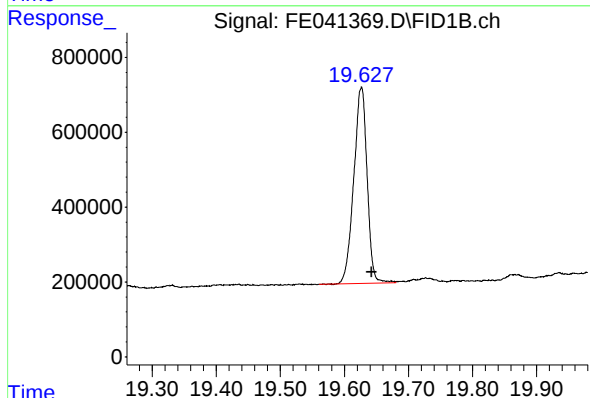
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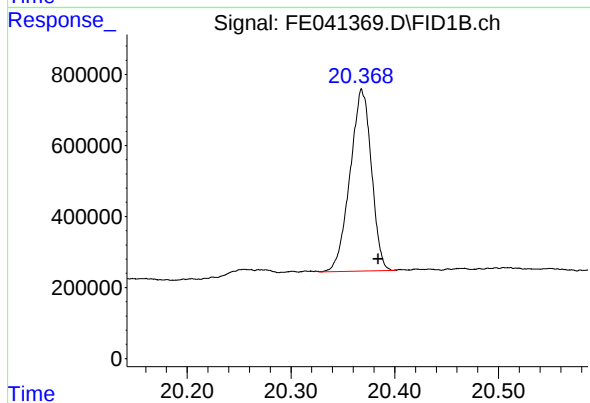
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.016 min
Response: 7540657
Conc: 48.30 ug/ml



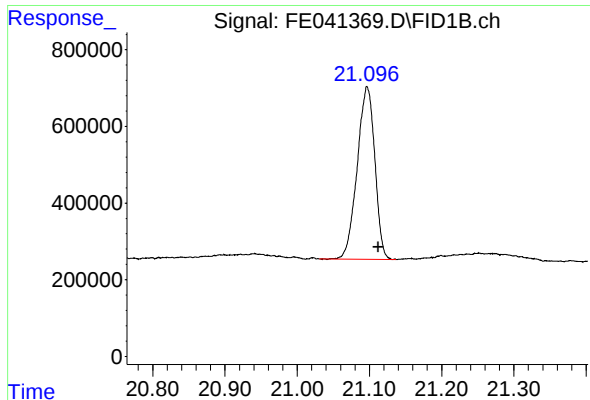
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 7592240
Conc: 48.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.016 min
Response: 7319656
Conc: 48.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.015 min
Response: 7626042
Conc: 48.82 ug/ml

Instrument :

FID_E

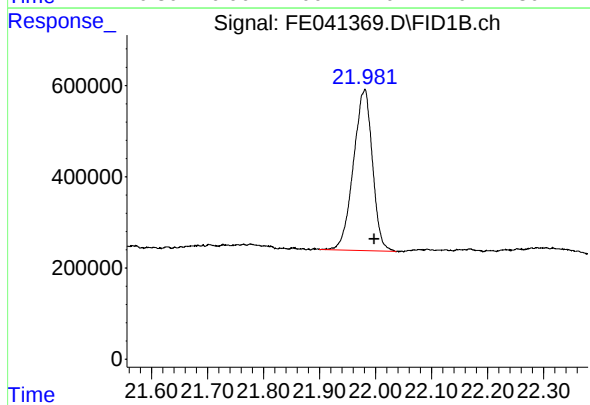
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#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: -0.017 min
Response: 8304620
Conc: 52.03 ug/ml m