

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041363.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 15:06
 Operator : YP\AJ
 Sample : PB152125BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152125BSD

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 01:21:25 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)	11.840	7542802	40.134 ug/ml
Spiked Amount 50.000		Recovery =	80.27%
12) S 1-chlorooctadecane (S...	13.279	6225282	43.267 ug/ml
Spiked Amount 50.000		Recovery =	86.53%
Target Compounds			
1) T n-Nonane (C9)	3.247	6933661	39.960 ug/ml
2) T n-Decane (C10)	4.489	7230036	42.475 ug/mlm
3) T A~Naphthalene (C11.7)	6.186	7974363	43.597 ug/ml
4) T n-Dodecane (C12)	6.649	7771384	44.802 ug/ml
5) T A~2-methylnaphthalene...	7.281	7645903	46.167 ug/ml
6) T n-Tetradecane (C14)	8.477	7824636	44.875 ug/ml
7) T n-Hexadecane (C16)	10.083	8067534	45.361 ug/ml
8) T n-Octadecane (C18)	11.526	8010690	44.865 ug/ml
10) T n-Eicosane (C20)	12.835	7909887	46.372 ug/ml
11) T n-Heneicosane (C21)	13.447	7533619	44.529 ug/ml
13) T n-Docosane (C22)	14.034	7404674	44.745 ug/ml
14) T n-Tetracosane (C24)	15.134	14188477	87.699 ug/ml
15) T n-Hexacosane (C26)	16.161	7005110	45.190 ug/ml
16) T n-Octacosane (C28)	17.111	7227062	47.180 ug/ml
17) T n-Tricontane (C30)	18.003	6890912	45.081 ug/ml
18) T n-Dotriacontane (C32)	18.835	6776334	43.402 ug/ml
19) T n-Tetratriacontane (C34)	19.621	6902942	44.544 ug/ml
20) T n-Hexatriacontane (C36)	20.363	6879620	45.291 ug/ml
21) T n-Octatriacontane (C38)	21.088	7151742	45.780 ug/ml
22) T n-Tetracontane (C40)	21.967	7432333	46.567 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB152125BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

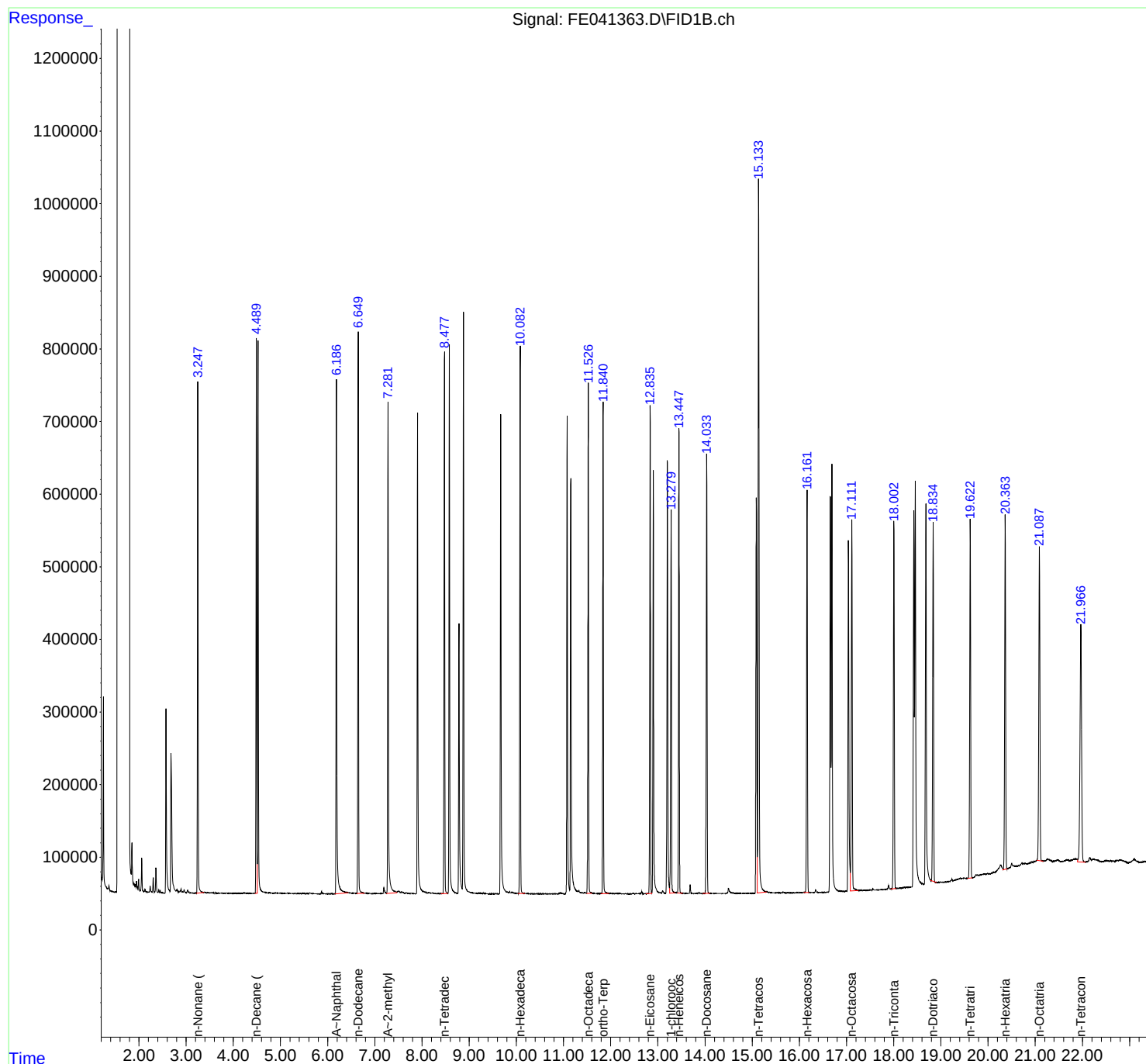
Instrument :
FID_E
ClientSampleId :
PB152125BSD

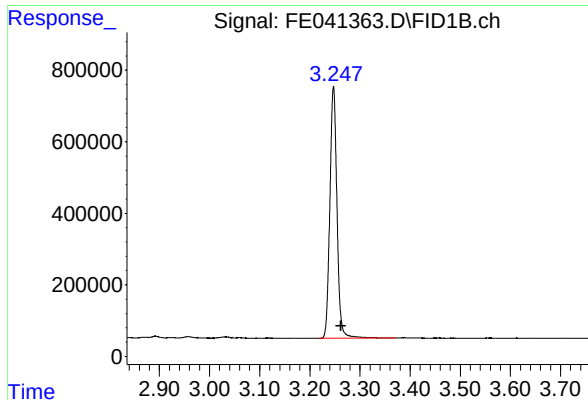
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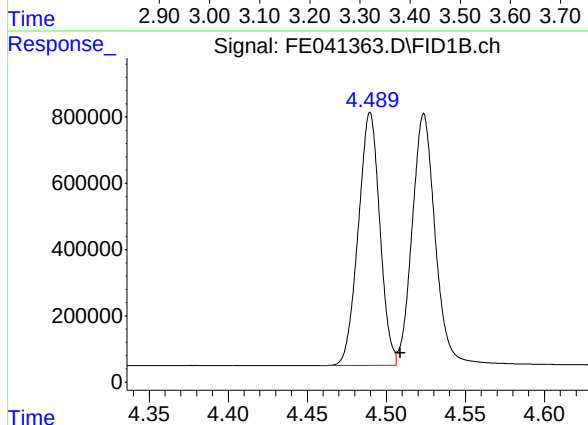
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.015 min
Response: 6933661
Conc: 39.96 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152125BSD

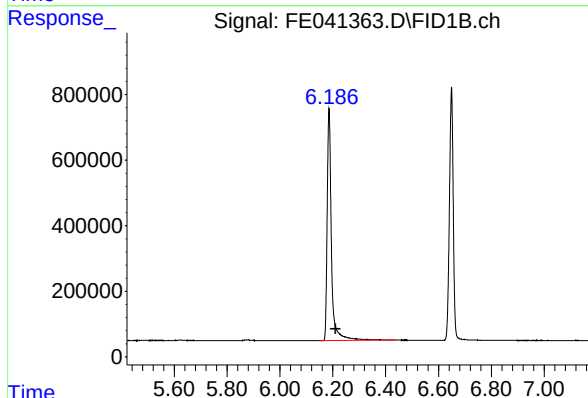
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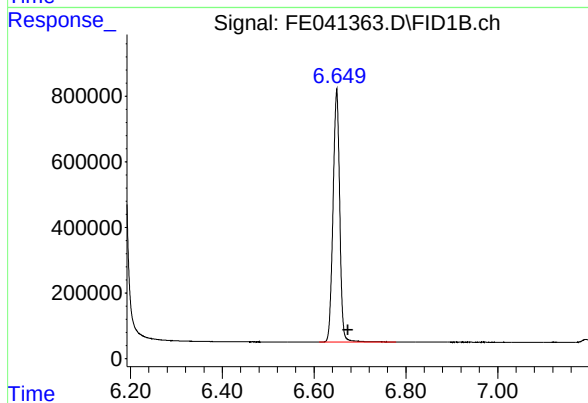
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.019 min
Response: 7230036
Conc: 42.48 ug/ml m



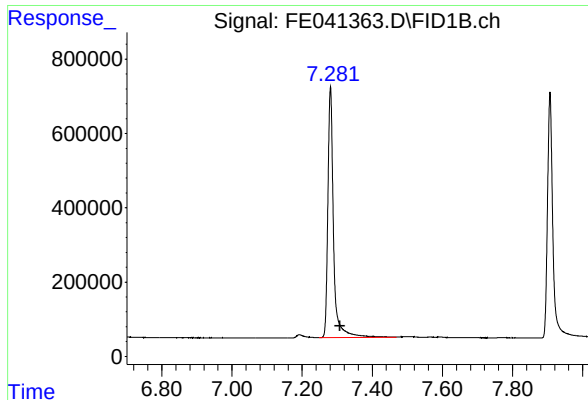
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 7974363
Conc: 43.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.024 min
Response: 7771384
Conc: 44.80 ug/ml



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

R.T.: 7.281 min
Delta R.T.: -0.026 min
Response: 7645903
Conc: 46.17 ug/ml

Instrument :

FID_E

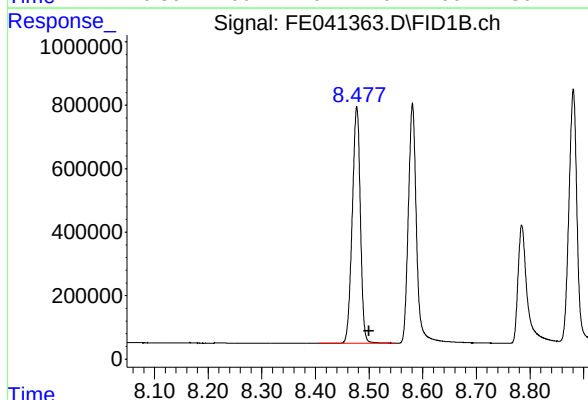
ClientSampleId :

PB152125BSD

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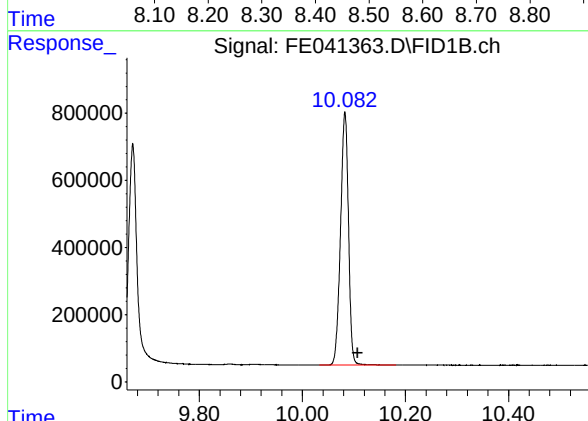
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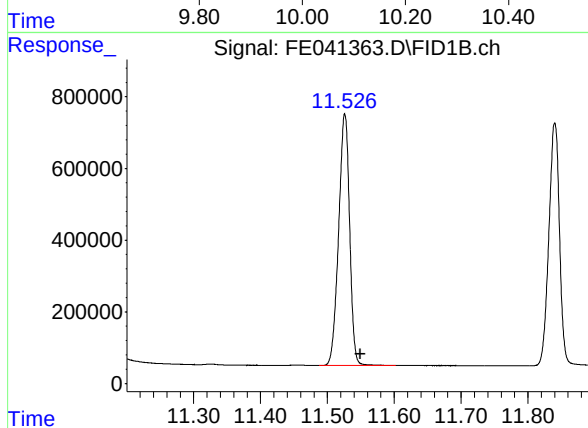
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.023 min
Response: 7824636
Conc: 44.88 ug/ml



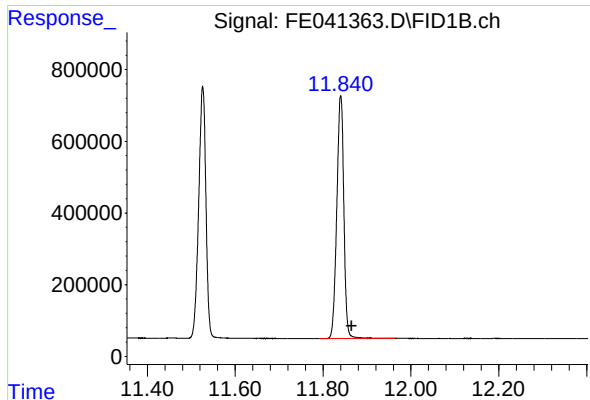
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.024 min
Response: 8067534
Conc: 45.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.023 min
Response: 8010690
Conc: 44.86 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.025 min
Response: 7542802
Conc: 40.13 ug/ml

Instrument :

FID_E

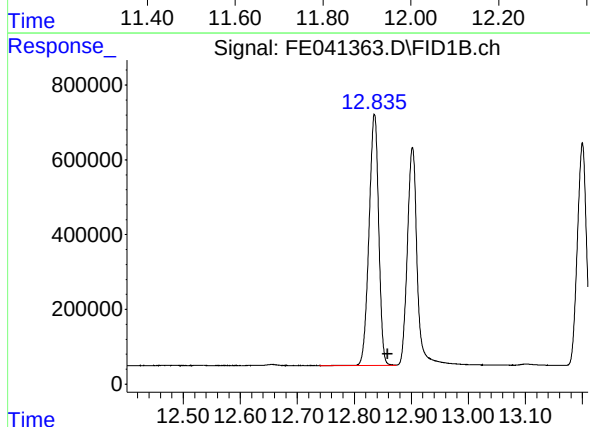
ClientSampleId :

PB152125BSD

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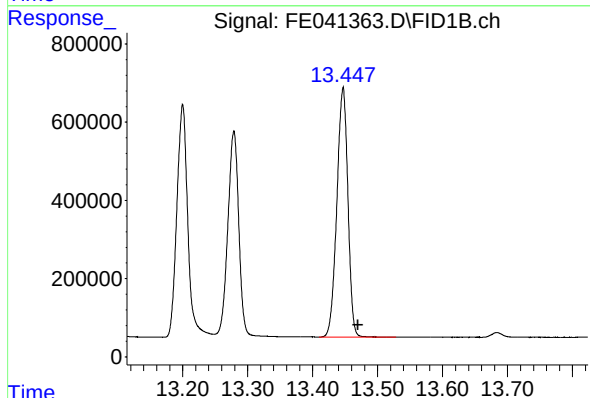
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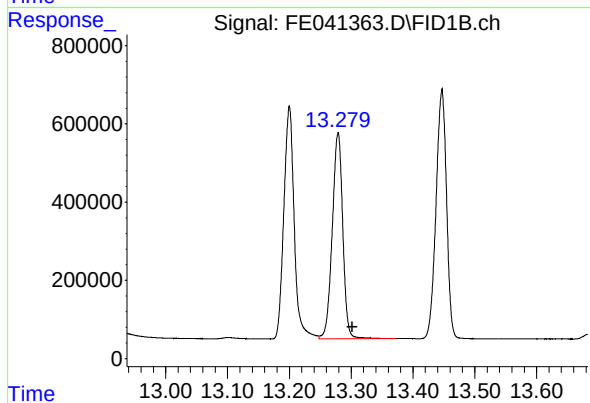
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.023 min
Response: 7909887
Conc: 46.37 ug/ml



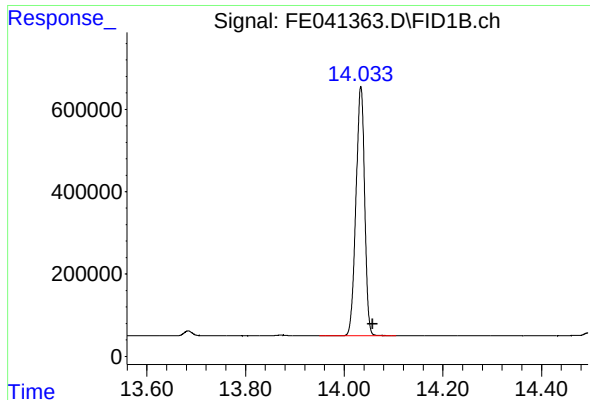
#11 n-Heneicosane (C21)

R.T.: 13.447 min
Delta R.T.: -0.023 min
Response: 7533619
Conc: 44.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.279 min
Delta R.T.: -0.023 min
Response: 6225282
Conc: 43.27 ug/ml



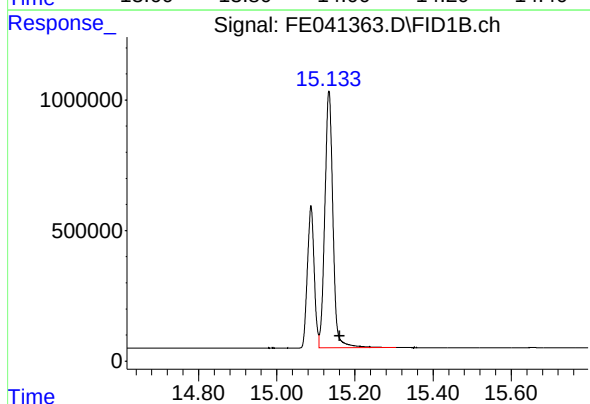
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.023 min
Response: 7404674
Conc: 44.75 ug/ml

Instrument :
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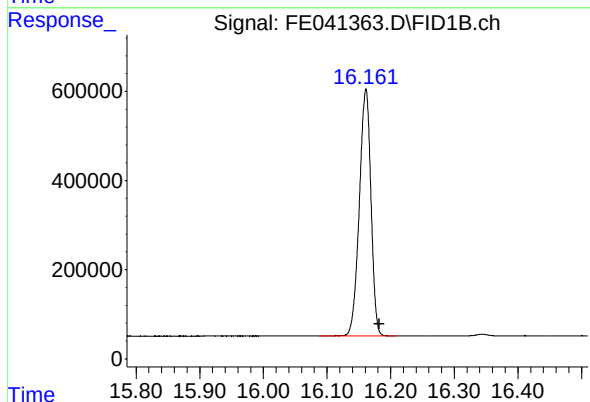
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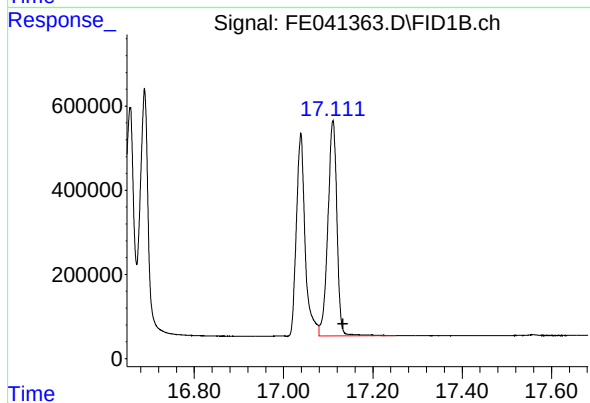
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.027 min
Response: 14188477
Conc: 87.70 ug/ml



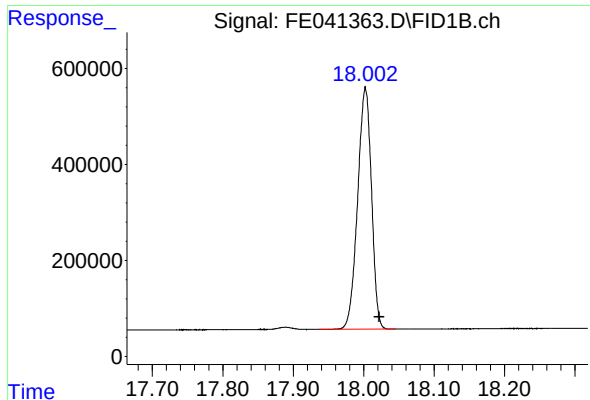
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.021 min
Response: 7005110
Conc: 45.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.023 min
Response: 7227062
Conc: 47.18 ug/ml



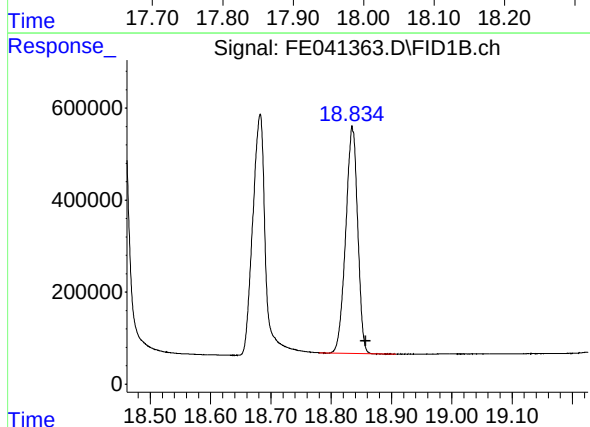
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.020 min
Response: 6890912
Conc: 45.08 ug/ml

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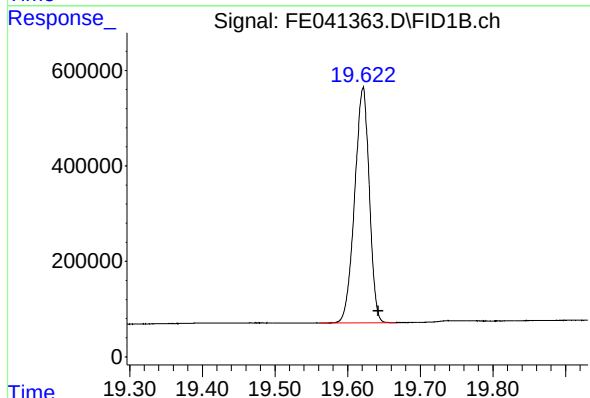
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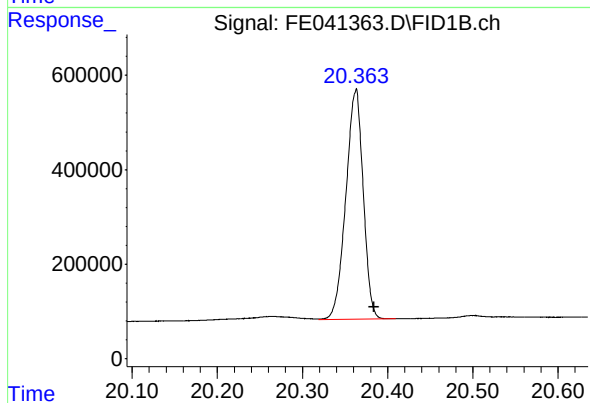
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.022 min
Response: 6776334
Conc: 43.40 ug/ml



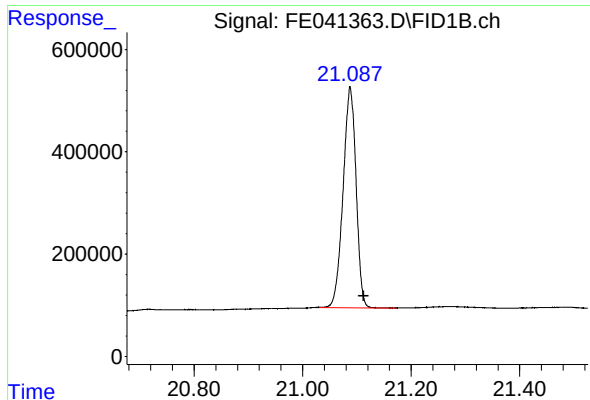
#19 n-Tetatriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.021 min
Response: 6902942
Conc: 44.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.021 min
Response: 6879620
Conc: 45.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.025 min
Response: 7151742
Conc: 45.78 ug/ml

Instrument :

FID_E

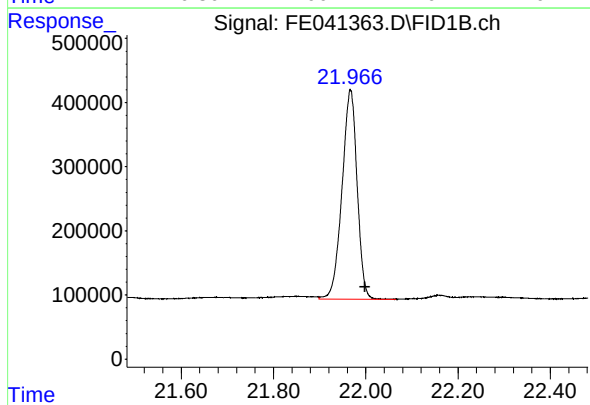
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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.031 min
Response: 7432333
Conc: 46.57 ug/ml