

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041882.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2023 14:59
 Operator : YP\AJ
 Sample : PB152755BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152755BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: sample.E
 Quant Time: May 12 19:52:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.969	7636727	40.706 ug/ml
Spiked Amount 50.000		Recovery =	81.41%
12) S 1-chlorooctadecane (S...	13.403	6028798	42.676 ug/ml
Spiked Amount 50.000		Recovery =	85.35%
Target Compounds			
1) T n-Nonane (C9)	3.359	6814323	46.357 ug/ml
2) T n-Decane (C10)	4.607	7043117	46.960 ug/ml
3) T A~Naphthalene (C11.7)	6.307	7985185	48.252 ug/ml
4) T n-Dodecane (C12)	6.770	7342877	48.295 ug/ml
5) T A~2-methylnaphthalene...	7.403	7641853	47.392 ug/ml
6) T n-Tetradecane (C14)	8.600	7380671	48.588 ug/ml
7) T n-Hexadecane (C16)	10.207	7610497	47.690 ug/ml
8) T n-Octadecane (C18)	11.650	7731277	47.167 ug/ml
10) T n-Eicosane (C20)	12.960	7616348	47.352 ug/ml
11) T n-Heneicosane (C21)	13.572	7425567	46.593 ug/ml
13) T n-Docosane (C22)	14.158	7325074	45.974 ug/ml
14) T n-Tetracosane (C24)	15.247	13686612	84.894 ug/mlm
15) T n-Hexacosane (C26)	16.283	6924412	43.799 ug/ml
16) T n-Octacosane (C28)	17.230	6703400	43.565 ug/ml
17) T n-Tricontane (C30)	18.121	6515614	42.780 ug/ml
18) T n-Dotriacontane (C32)	18.951	6262591	42.037 ug/ml
19) T n-Tetratriacontane (C34)	19.734	6174606	43.830 ug/ml
20) T n-Hexatriacontane (C36)	20.474	5852777	43.766 ug/ml
21) T n-Octatriacontane (C38)	21.224	5908893	44.719 ug/ml
22) T n-Tetracontane (C40)	22.161	6000432	47.393 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 12 May 2023 14:59
Operator : YP\AJ
Sample : PB152755BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

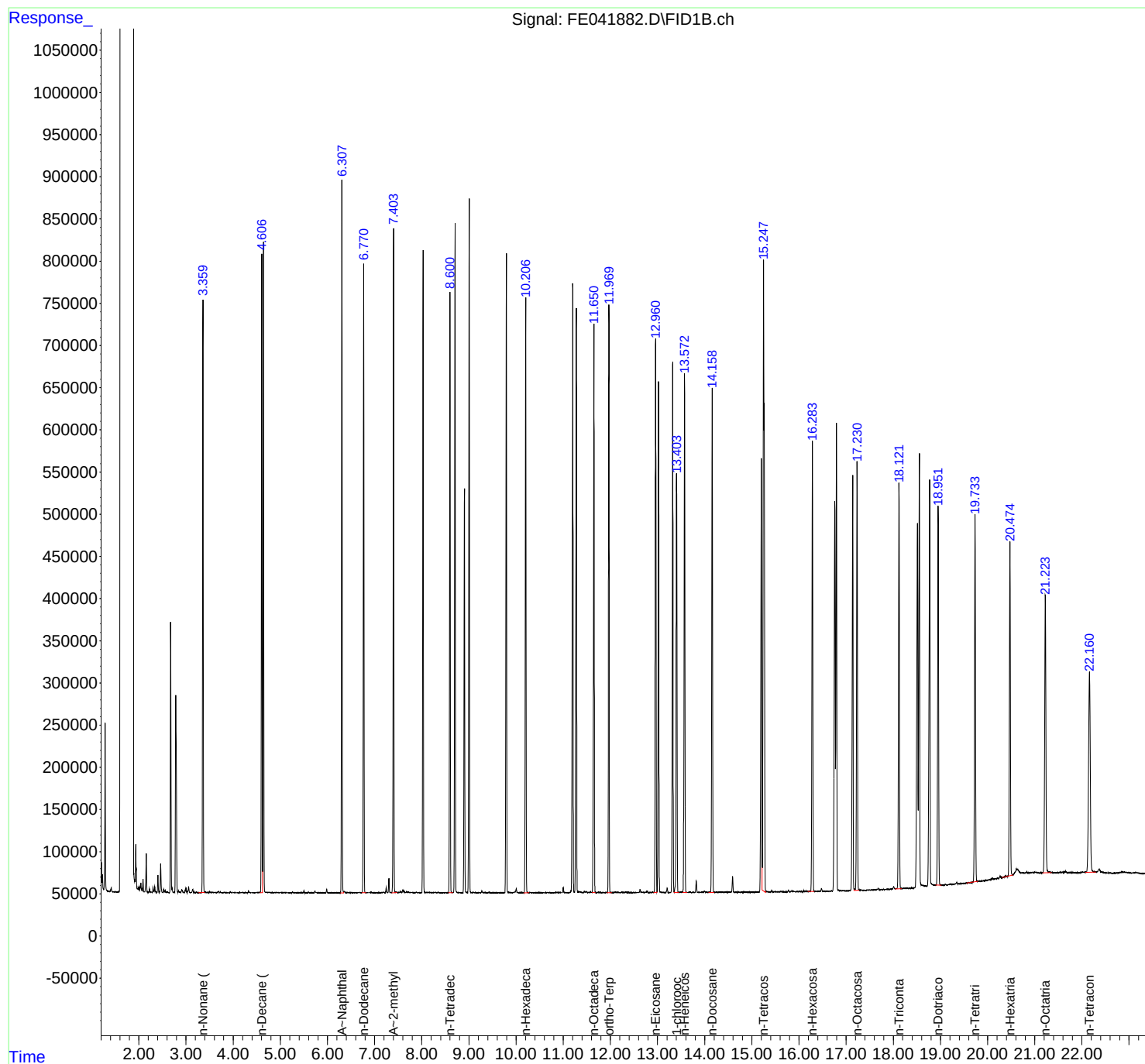
Instrument :
FID_E
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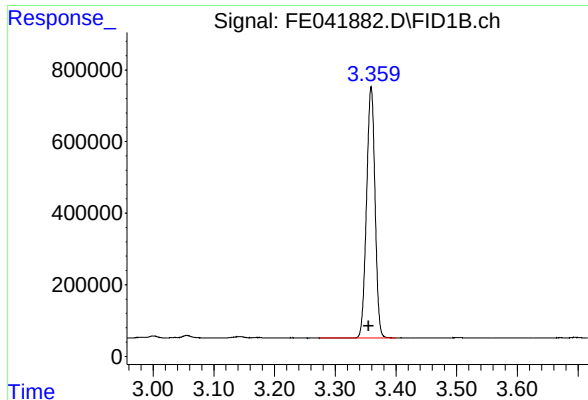
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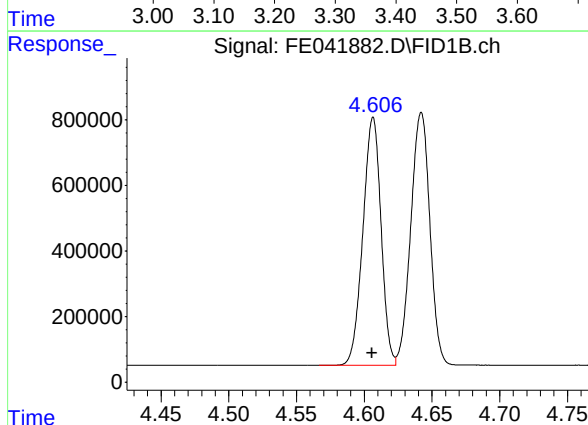
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: 0.004 min
Response: 6814323
Conc: 46.36 ug/ml

Instrument :
FID_E
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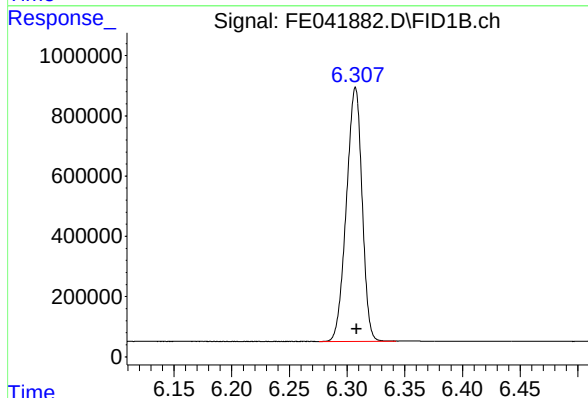
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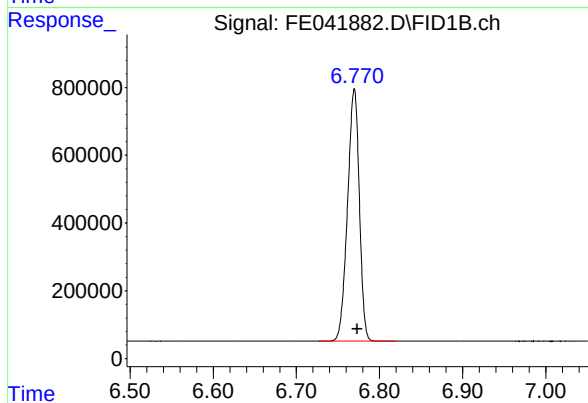
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 7043117
Conc: 46.96 ug/ml



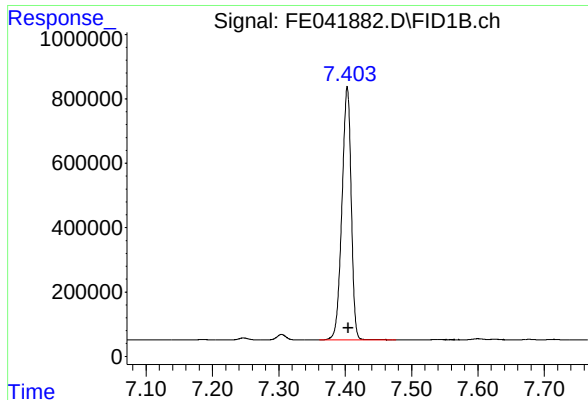
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 7985185
Conc: 48.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 7342877
Conc: 48.29 ug/ml



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

R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 7641853
Conc: 47.39 ug/ml

Instrument :

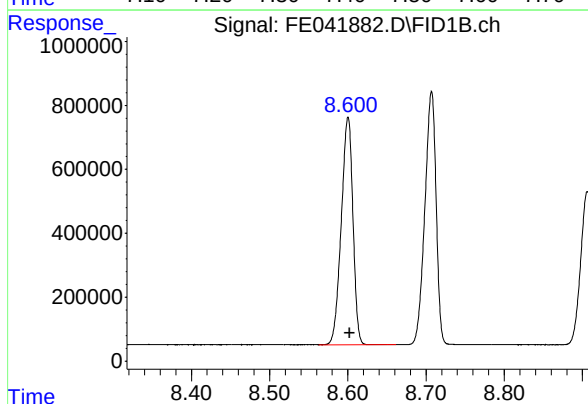
FID_E

ClientSampleId :

PB152755BSD

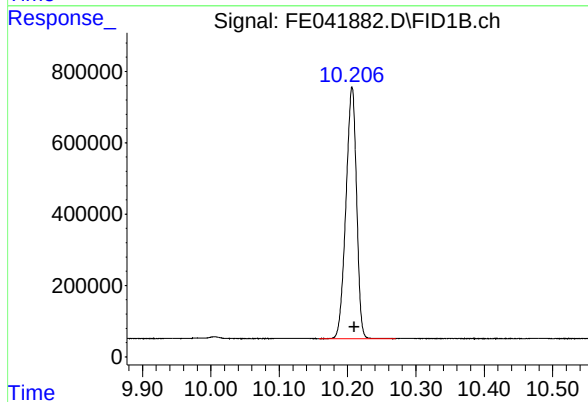
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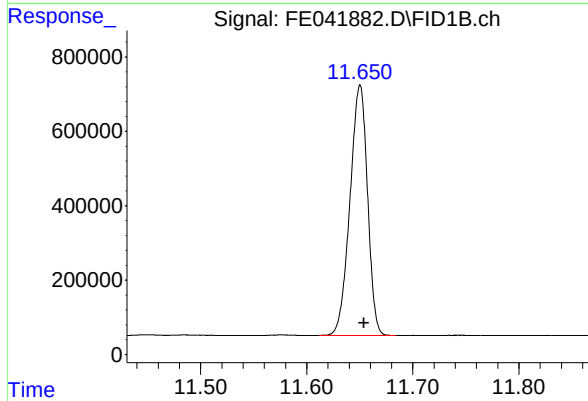
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 7380671
Conc: 48.59 ug/ml



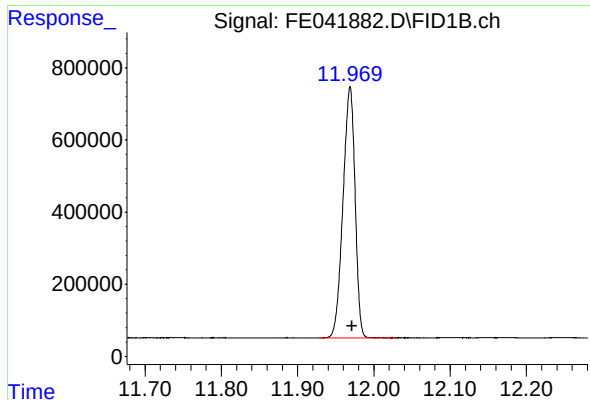
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.003 min
Response: 7610497
Conc: 47.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.004 min
Response: 7731277
Conc: 47.17 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.003 min
Response: 7636727
Conc: 40.71 ug/ml

Instrument :

FID_E

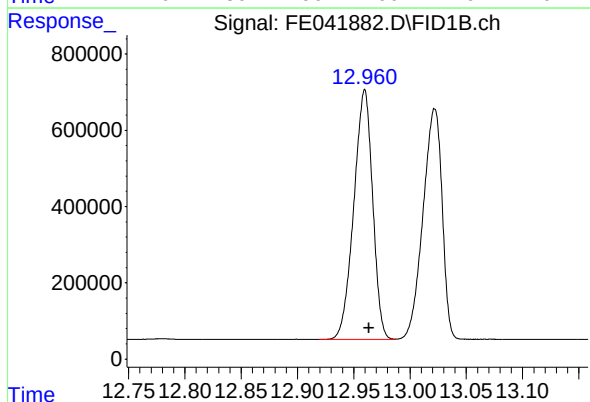
ClientSampleId :

PB152755BSD

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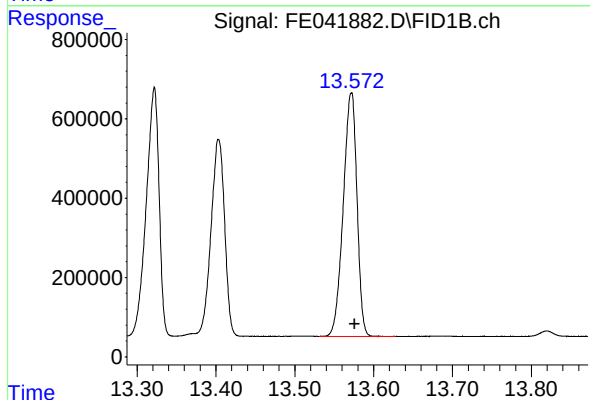
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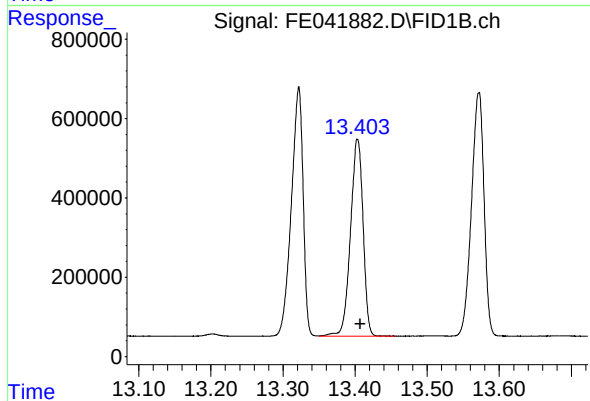
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 7616348
Conc: 47.35 ug/ml



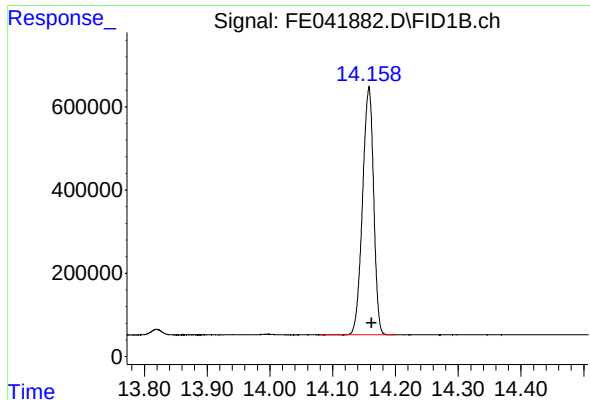
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.004 min
Response: 7425567
Conc: 46.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.004 min
Response: 6028798
Conc: 42.68 ug/ml



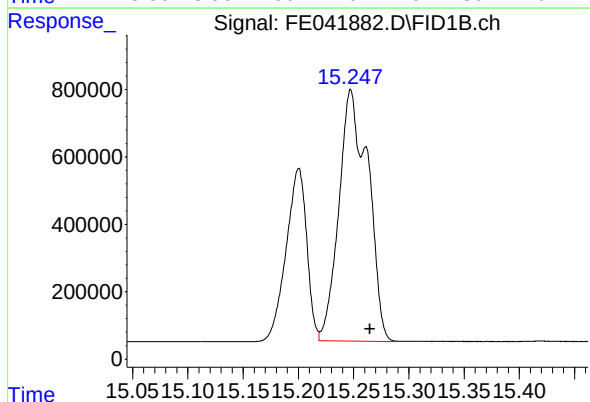
#13 n-Docosane (C22)

R.T.: 14.158 min
Delta R.T.: -0.004 min
Response: 7325074
Conc: 45.97 ug/ml

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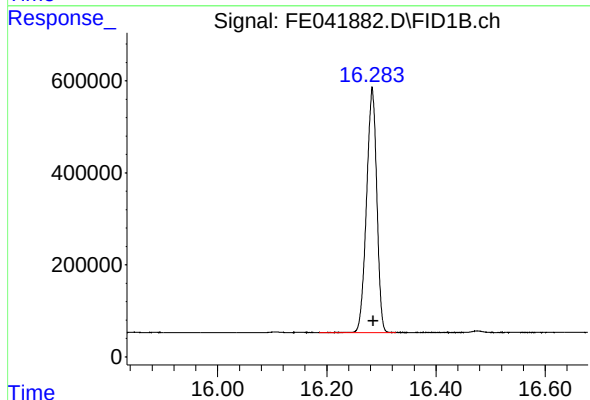
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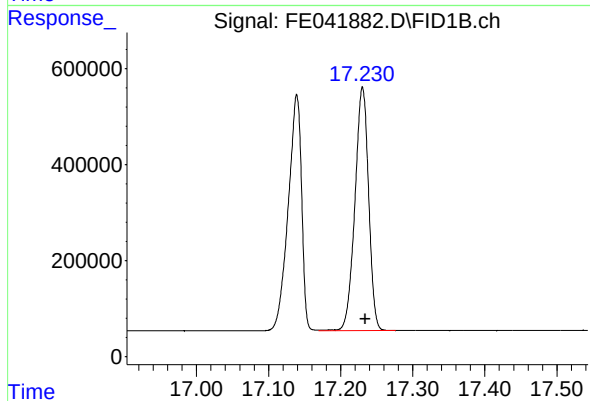
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.018 min
Response: 13686612
Conc: 84.89 ug/ml



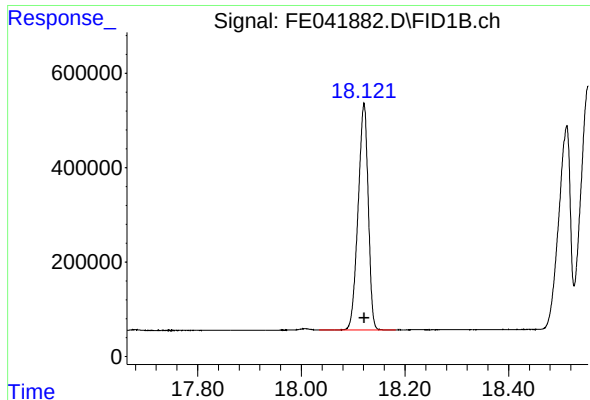
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.001 min
Response: 6924412
Conc: 43.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: -0.004 min
Response: 6703400
Conc: 43.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 6515614
Conc: 42.78 ug/ml

Instrument :

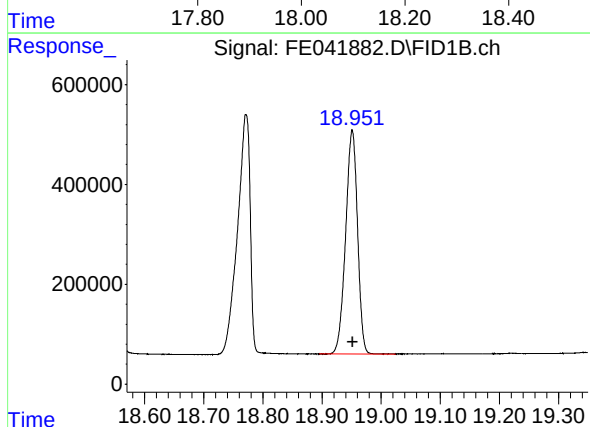
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ClientSampleId :

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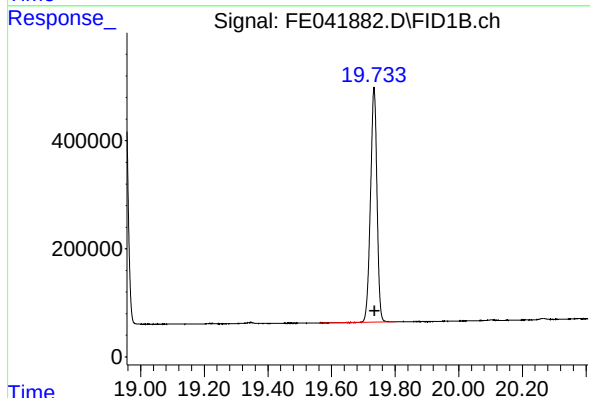
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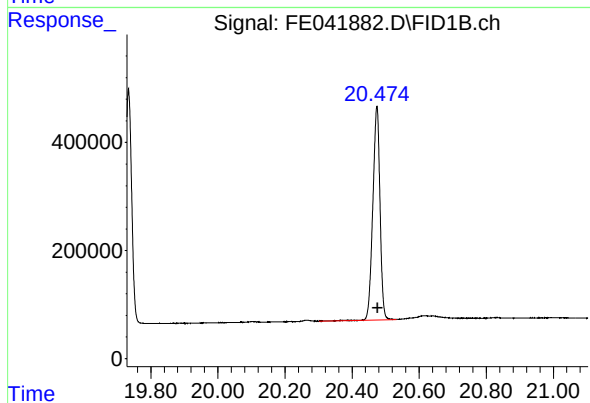
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.000 min
Response: 6262591
Conc: 42.04 ug/ml



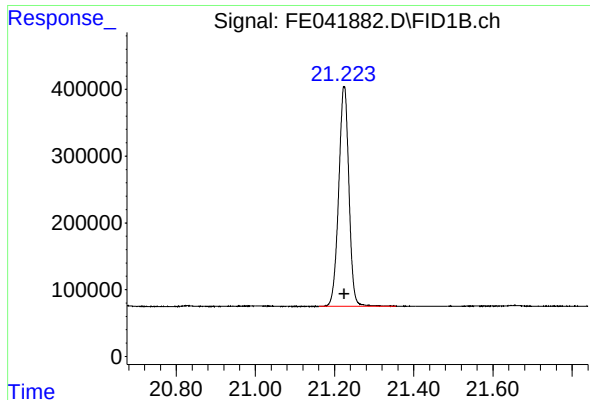
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.002 min
Response: 6174606
Conc: 43.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: -0.002 min
Response: 5852777
Conc: 43.77 ug/ml



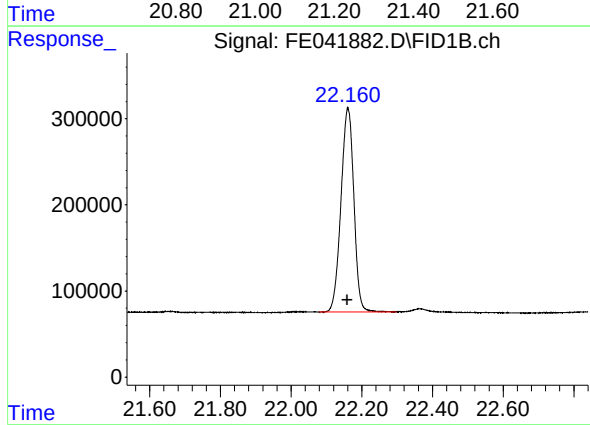
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.000 min
Response: 5908893
Conc: 44.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: 0.002 min
Response: 6000432
Conc: 47.39 ug/ml