

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037382.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 15:37
 Operator : YP\AJ
 Sample : PB147403BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147403BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:19:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.641	6589532	38.993 ug/ml
Spiked Amount 50.000		Recovery =	77.99%
12) S 1-chlorooctadecane (S...	13.062	5523339	42.917 ug/ml
Spiked Amount 50.000		Recovery =	85.83%
Target Compounds			
1) T n-Nonane (C9)	3.060	6196520	40.499 ug/ml
2) T n-Decane (C10)	4.306	6284532	40.762 ug/ml
3) T A~Naphthalene (C11.7)	6.013	6385844	44.324 ug/ml
4) T n-Dodecane (C12)	6.468	6687609	42.291 ug/ml
5) T A~2-methylnaphthalene...	7.104	6062792	43.425 ug/ml
6) T n-Tetradecane (C14)	9.884	6603296	41.673 ug/ml
7) T n-Hexadecane (C16)	9.884	6603296	41.673 ug/ml
8) T n-Octadecane (C18)	11.319	6578273	41.310 ug/ml
10) T n-Eicosane (C20)	12.621	6291115	39.762 ug/ml
11) T n-Heneicosane (C21)	13.229	6206649	39.360 ug/ml
13) T n-Docosane (C22)	13.811	6107335	39.233 ug/ml
14) T n-Tetracosane (C24)	14.907	12040318	80.053 ug/ml
15) T n-Hexacosane (C26)	15.925	5815423	40.161 ug/ml
16) T n-Octacosane (C28)	16.867	6824015	49.257 ug/ml
17) T n-Tricontane (C30)	17.752	5651765	41.547 ug/ml
18) T n-Dotriacontane (C32)	18.579	5820120	43.586 ug/ml
19) T n-Tetratriacontane (C34)	19.357	5574460	44.057 ug/ml
20) T n-Hexatriacontane (C36)	20.092	5121294	39.819 ug/mlm
21) T n-Octatriacontane (C38)	20.789	4752994	38.189 ug/ml
22) T n-Tetracontane (C40)	21.567	4688810	36.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

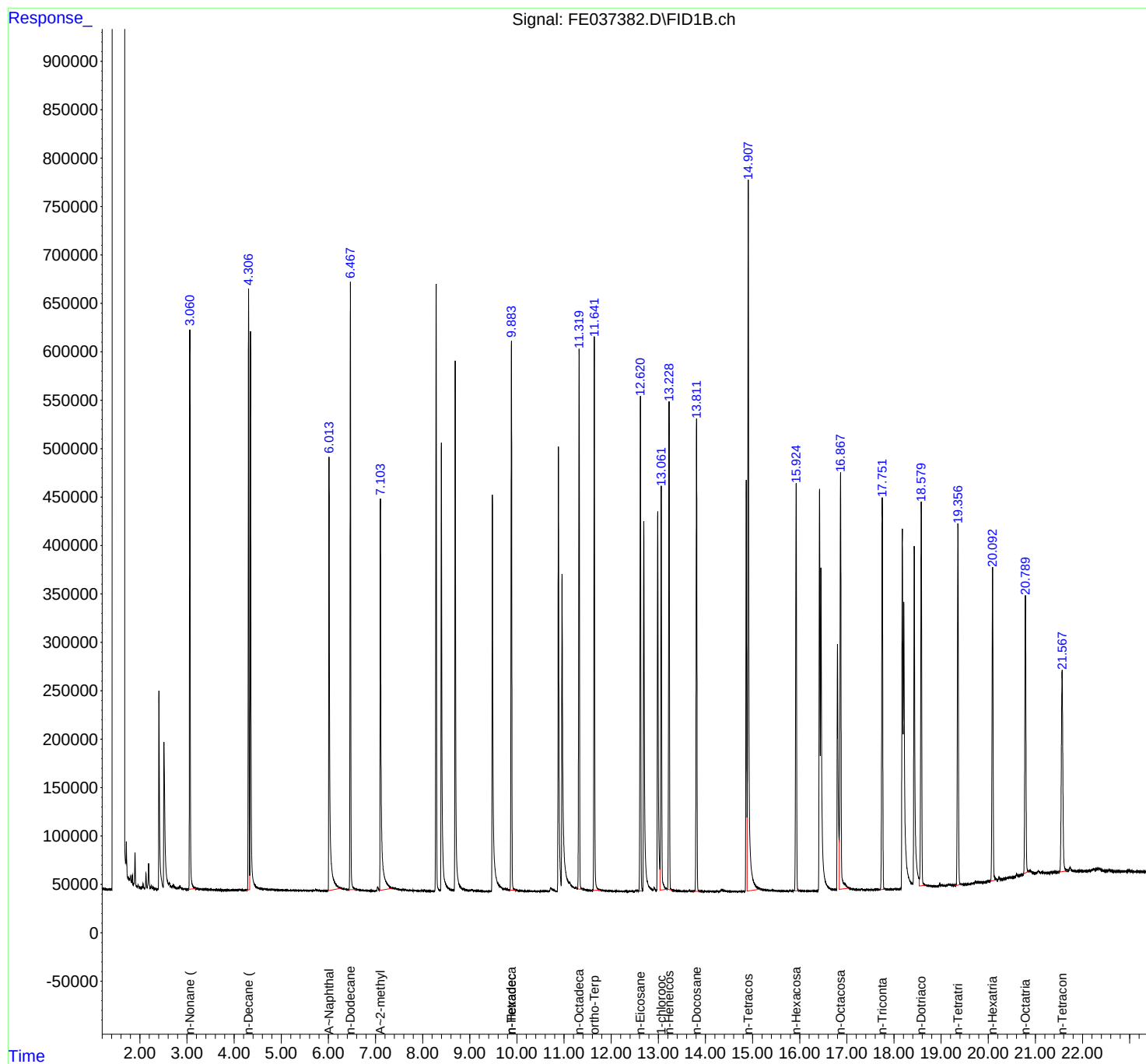
Instrument :
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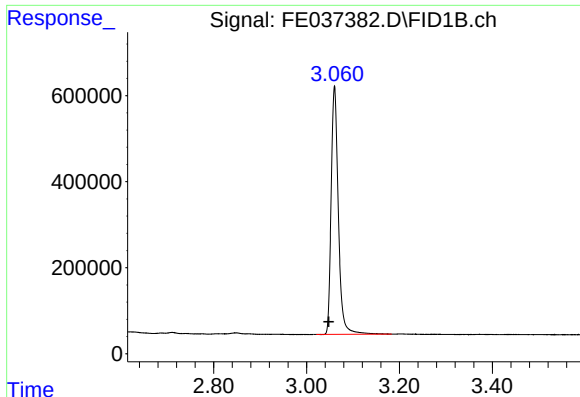
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#1 n-Nonane (C9)

R.T.: 3.060 min
Delta R.T.: 0.012 min
Response: 6196520
Conc: 40.50 ug/ml

Instrument :

FID_E

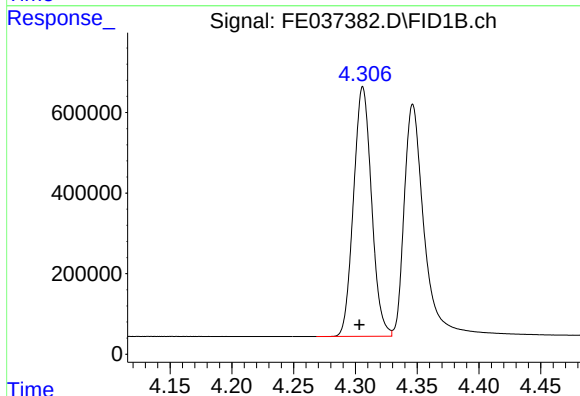
ClientSampleId :

PB147403BS

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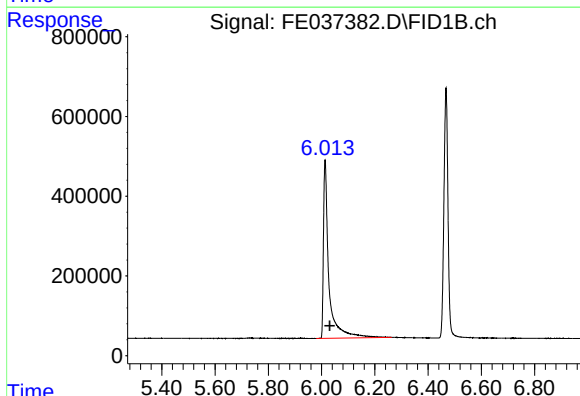
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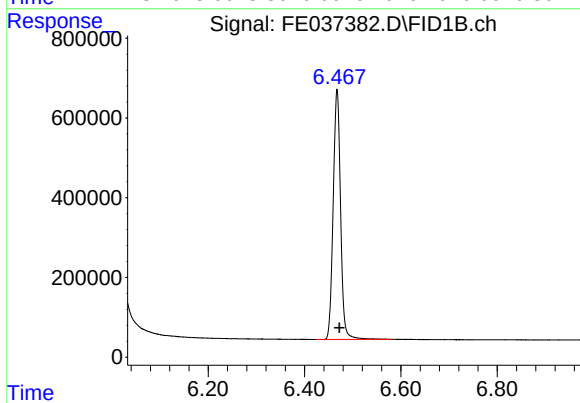
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.003 min
Response: 6284532
Conc: 40.76 ug/ml



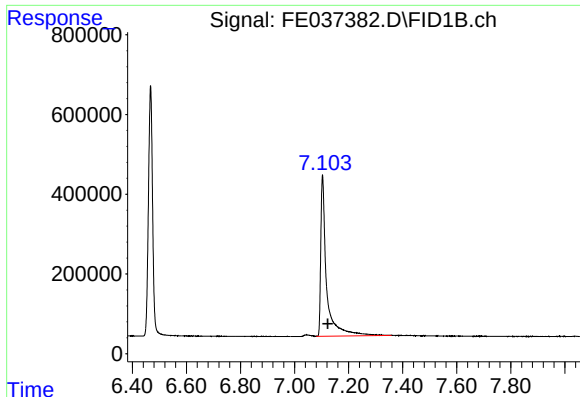
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.017 min
Response: 6385844
Conc: 44.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 6687609
Conc: 42.29 ug/ml



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

R.T.: 7.104 min
Delta R.T.: -0.020 min
Response: 6062792
Conc: 43.43 ug/ml

Instrument :

FID_E

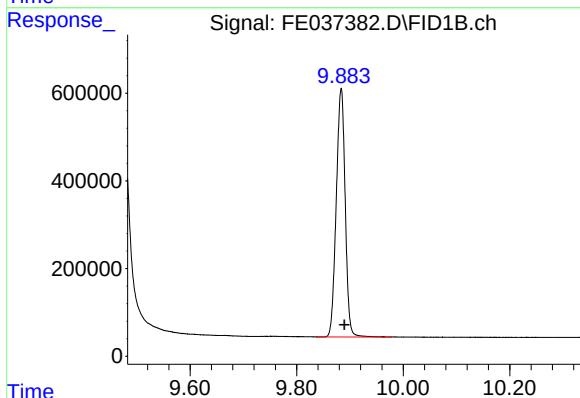
ClientSampleId :

PB147403BS

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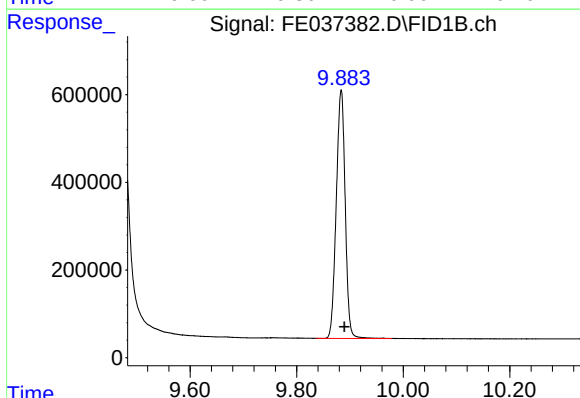
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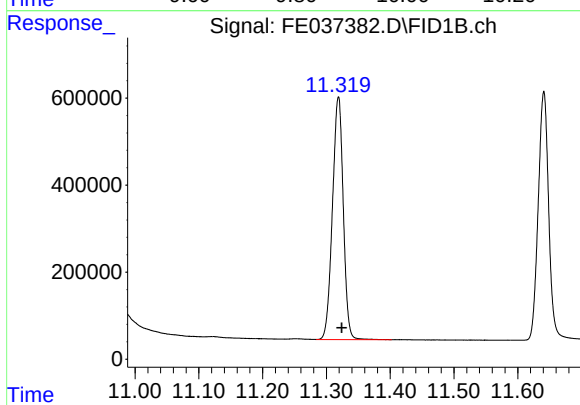
#6 n-Tetradecane (C14)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 6603296
Conc: 41.67 ug/ml



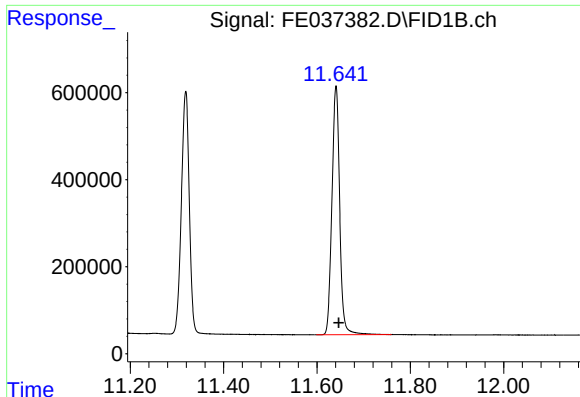
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 6603296
Conc: 41.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 6578273
Conc: 41.31 ug/ml



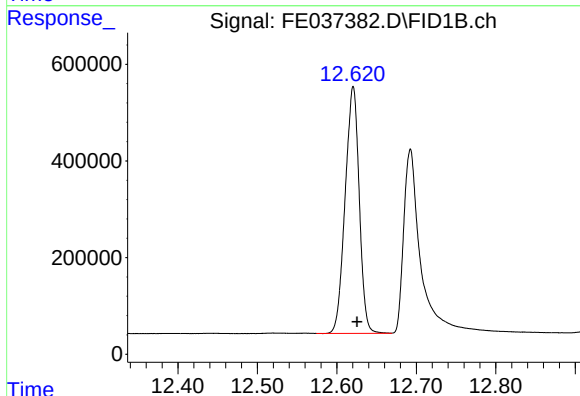
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.006 min
Response: 6589532
Conc: 38.99 ug/ml

Instrument :
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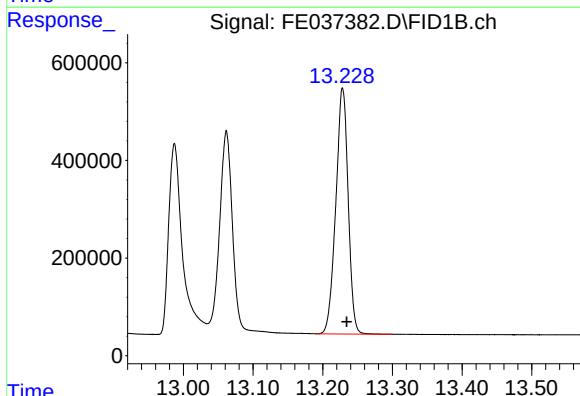
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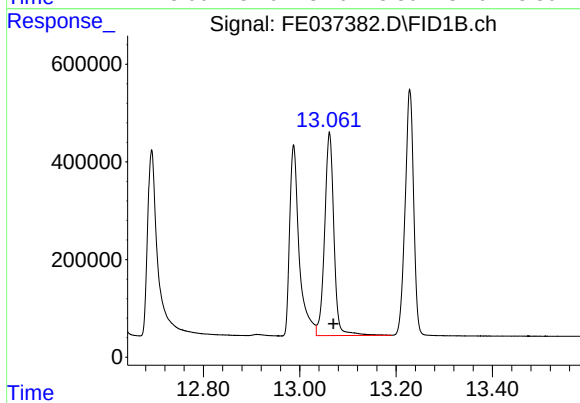
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.005 min
Response: 6291115
Conc: 39.76 ug/ml



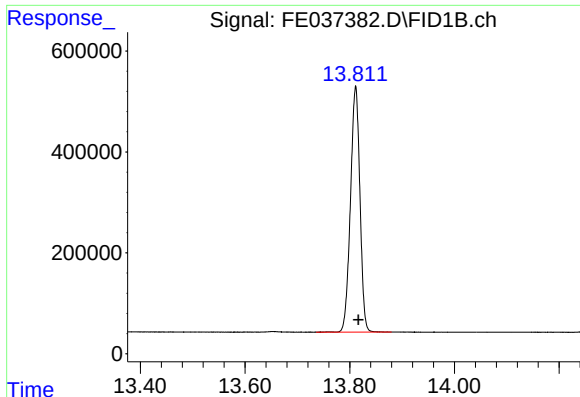
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.006 min
Response: 6206649
Conc: 39.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.008 min
Response: 5523339
Conc: 42.92 ug/ml



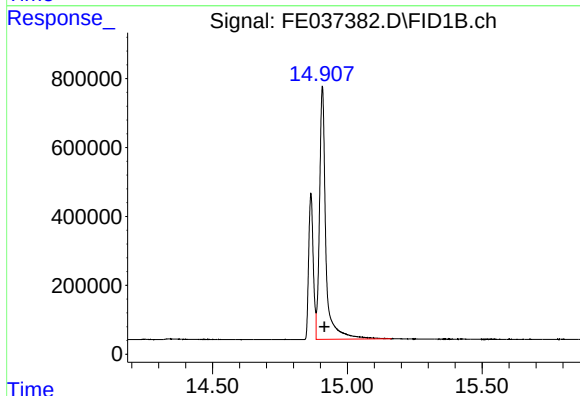
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.005 min
Response: 6107335
Conc: 39.23 ug/ml

Instrument :
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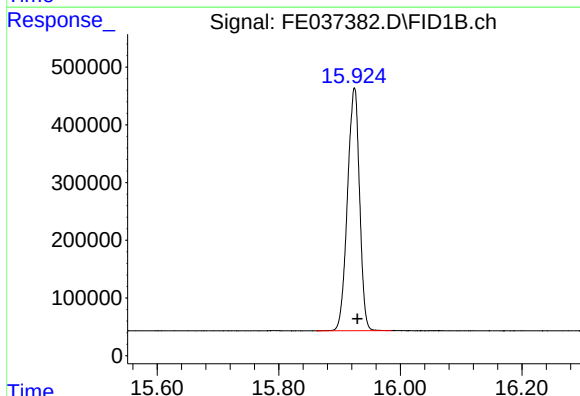
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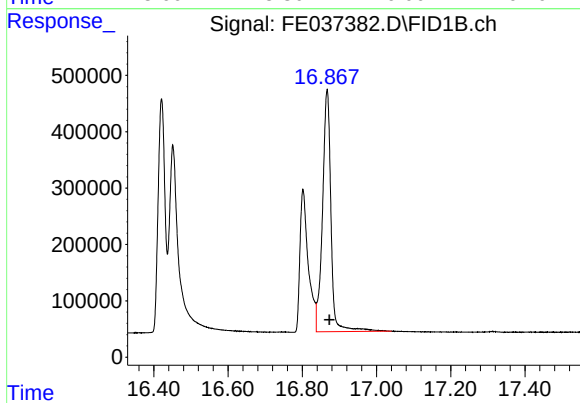
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.007 min
Response: 12040318
Conc: 80.05 ug/ml



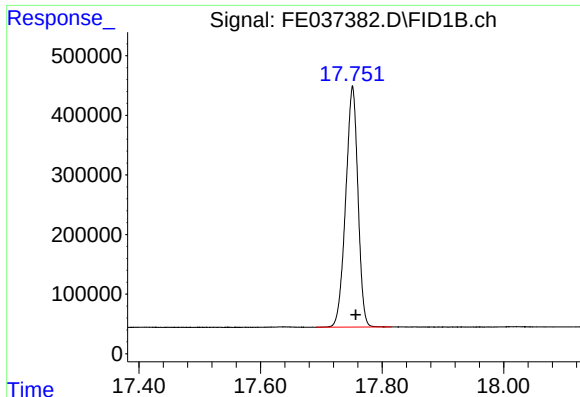
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.005 min
Response: 5815423
Conc: 40.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.007 min
Response: 6824015
Conc: 49.26 ug/ml



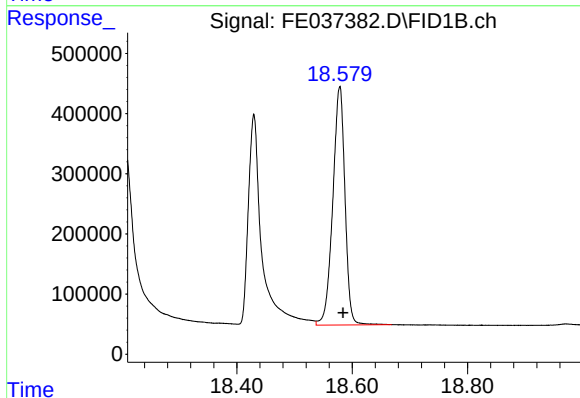
#17 n-Tricontane (C30)

R.T.: 17.752 min
Delta R.T.: -0.005 min
Response: 5651765
Conc: 41.55 ug/ml

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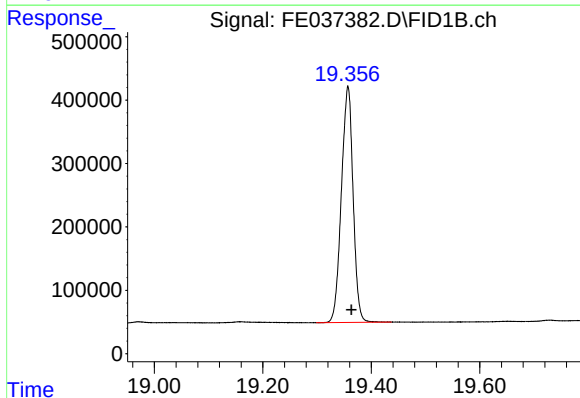
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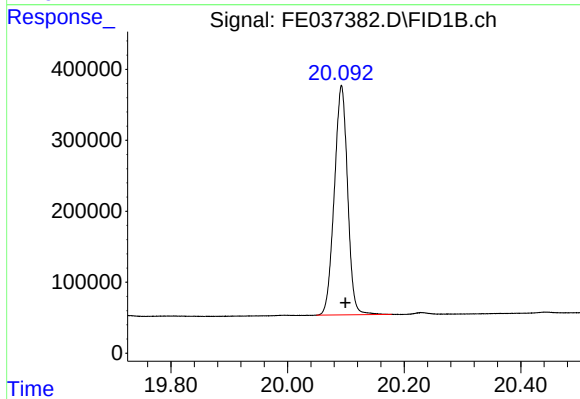
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.006 min
Response: 5820120
Conc: 43.59 ug/ml



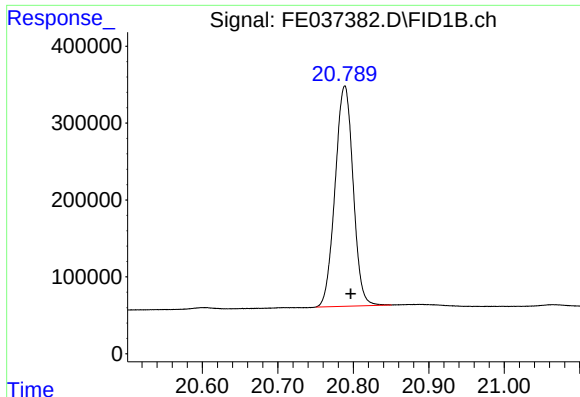
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.006 min
Response: 5574460
Conc: 44.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.007 min
Response: 5121294
Conc: 39.82 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.008 min
Response: 4752994
Conc: 38.19 ug/ml

Instrument :

FID_E

ClientSampleId :

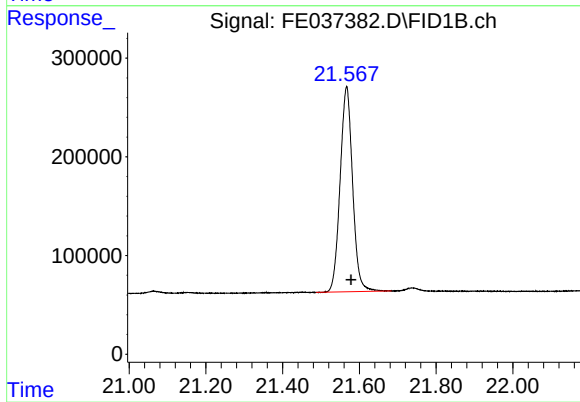
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#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: -0.011 min
Response: 4688810
Conc: 36.37 ug/ml