

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
 Data File : FE047865.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2024 18:09
 Operator : YP\AJ
 Sample : P2283-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EXCAV-SOIL-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 30 01:51:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.974	5015054	34.763 ug/ml
Spiked Amount 50.000		Recovery =	69.53%
12) S 1-chlorooctadecane (S...	13.406	4178476	37.394 ug/mlm
Spiked Amount 50.000		Recovery =	74.79%
Target Compounds			
1) T n-Nonane (C9)	3.353	2216503	17.198 ug/ml
2) T n-Decane (C10)	4.606	2902153	22.044 ug/ml
3) T A~Naphthalene (C11.7)	6.314	4057033	29.381 ug/ml
4) T n-Dodecane (C12)	6.773	4206547	31.554 ug/ml
5) T A~2-methylnaphthalene...	7.411	4707157	35.372 ug/ml
6) T n-Tetradecane (C14)	8.602	5284241	39.875 ug/ml
7) T n-Hexadecane (C16)	10.209	5967217	43.388 ug/mlm
8) T n-Octadecane (C18)	11.654	6527493	46.860 ug/ml
10) T n-Eicosane (C20)	12.964	6770755	50.286 ug/ml
11) T n-Heneicosane (C21)	13.576	6644865	50.197 ug/ml
13) T n-Docosane (C22)	14.161	6569080	49.570 ug/ml
14) T n-Tetracosane (C24)	15.256	11089022	83.280 ug/mlm
15) T n-Hexacosane (C26)	16.284	6355794	47.629 ug/mlm
16) T n-Octacosane (C28)	17.233	6606124	49.615 ug/ml
17) T n-Tricontane (C30)	18.121	6474083	46.909 ug/ml
18) T n-Dotriacontane (C32)	18.952	6439286	46.619 ug/ml
19) T n-Tetratriacontane (C34)	19.735	6681096	49.046 ug/ml
20) T n-Hexatriacontane (C36)	20.475	6735906	49.748 ug/ml
21) T n-Octatriacontane (C38)	21.216	6925550	50.161 ug/ml
22) T n-Tetracontane (C40)	22.145	6841124	49.103 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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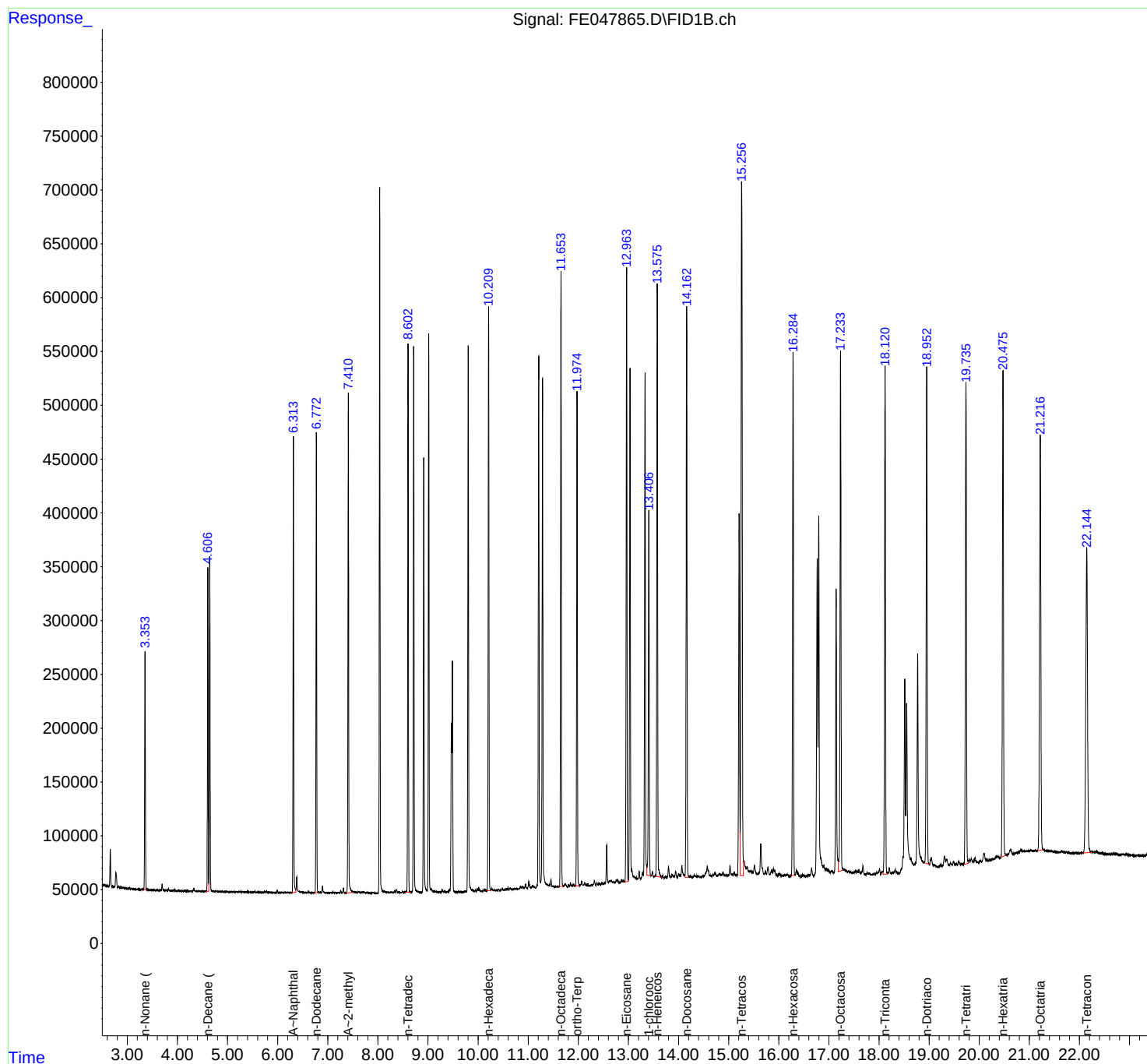
Instrument :
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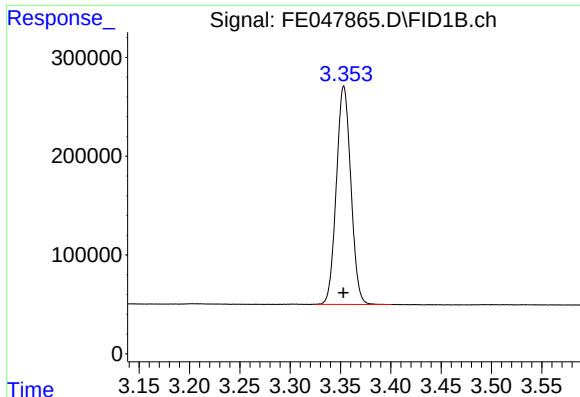
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#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2216503
Conc: 17.20 ug/ml

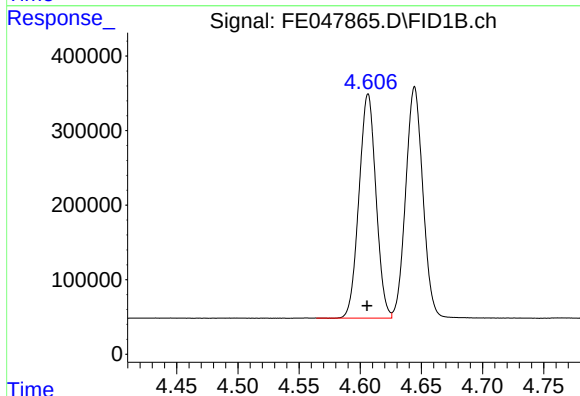
Instrument :

FID_E

ClientSampleId :
EXCAV-SOIL-2MS

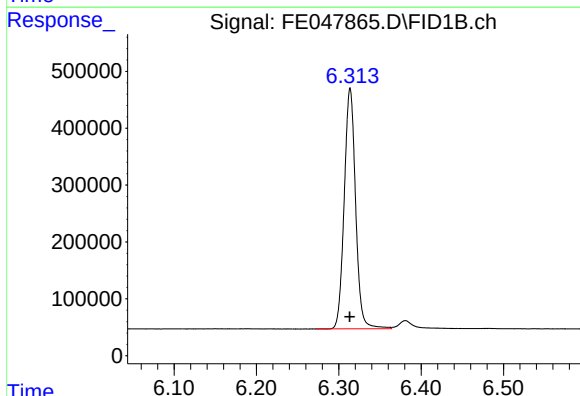
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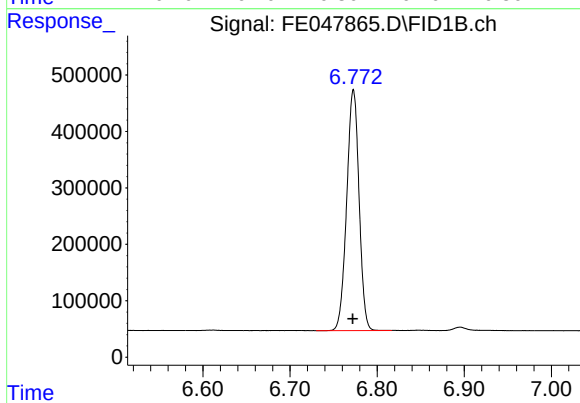
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2902153
Conc: 22.04 ug/ml



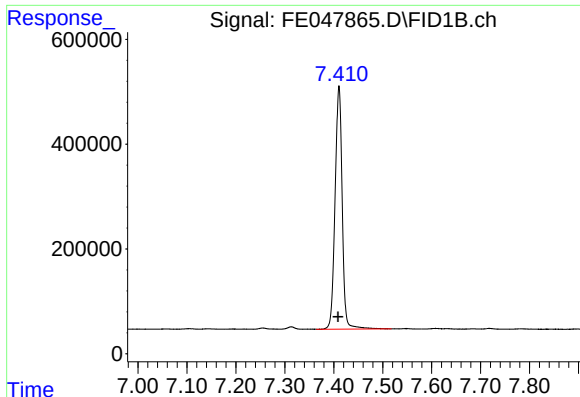
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 4057033
Conc: 29.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 4206547
Conc: 31.55 ug/ml



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

R.T.: 7.411 min
Delta R.T.: 0.002 min
Response: 4707157
Conc: 35.37 ug/ml

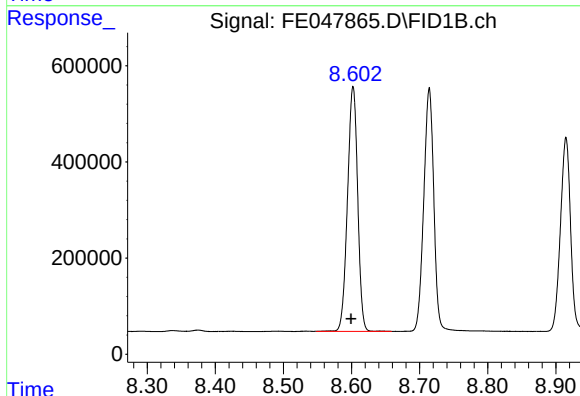
Instrument :

FID_E

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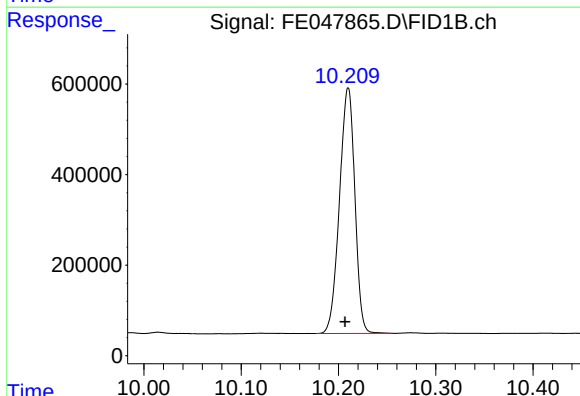
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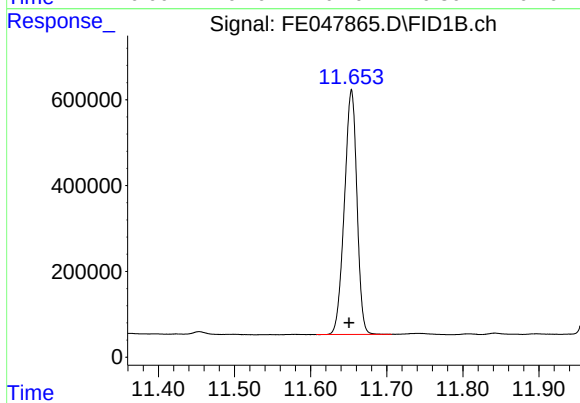
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.003 min
Response: 5284241
Conc: 39.87 ug/ml



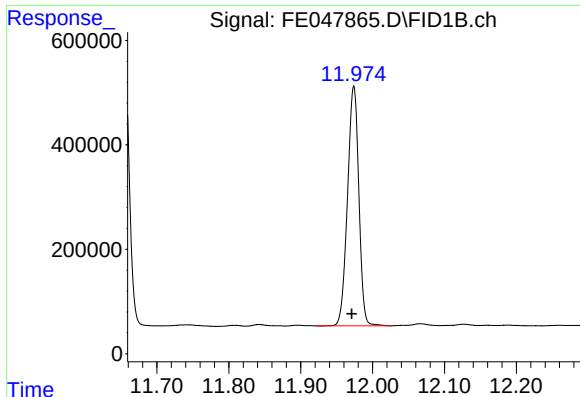
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 5967217
Conc: 43.39 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 6527493
Conc: 46.86 ug/ml



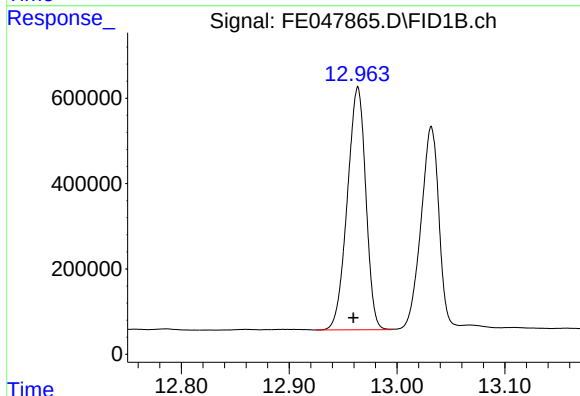
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 5015054
Conc: 34.76 ug/ml

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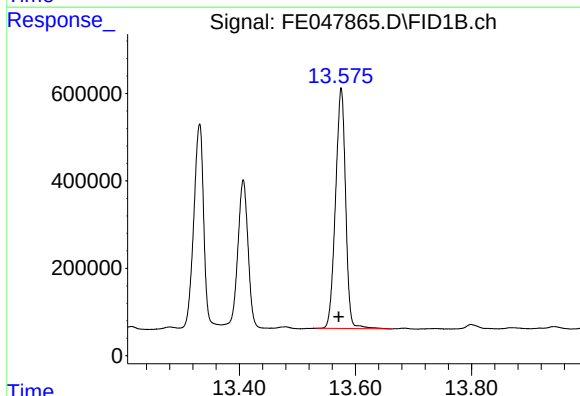
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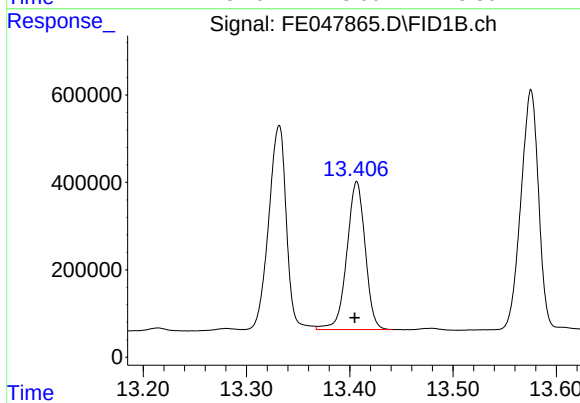
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: 0.004 min
Response: 6770755
Conc: 50.29 ug/ml



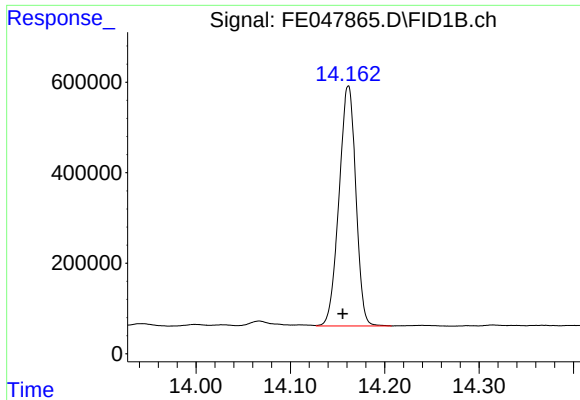
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.004 min
Response: 6644865
Conc: 50.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: 0.001 min
Response: 4178476
Conc: 37.39 ug/ml m



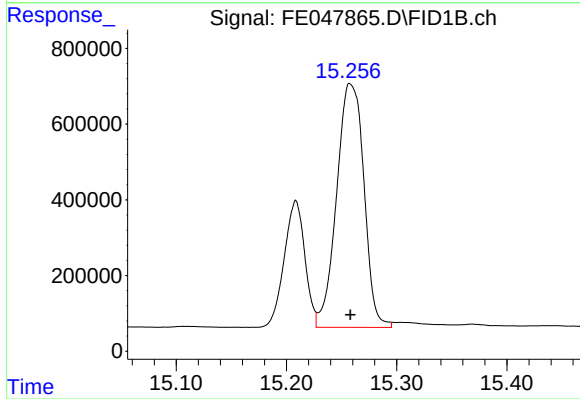
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.006 min
Response: 6569080
Conc: 49.57 ug/ml

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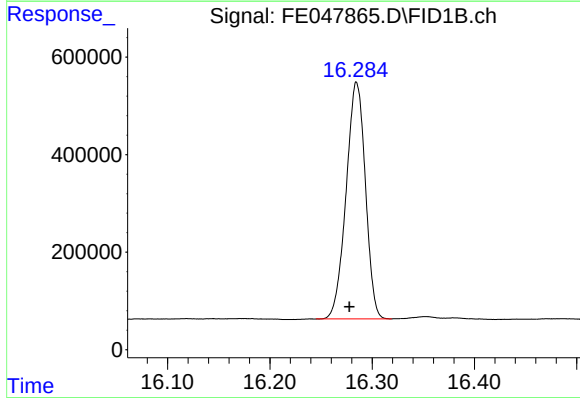
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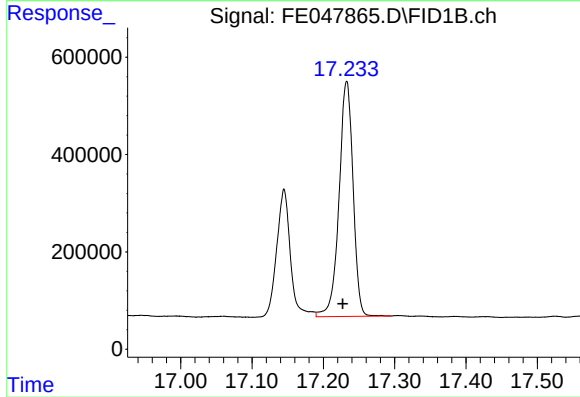
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 11089022
Conc: 83.28 ug/ml m



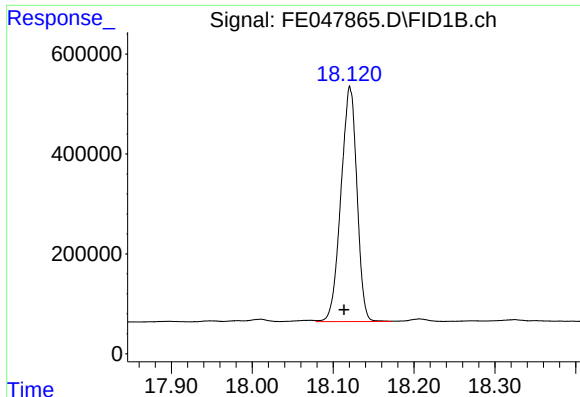
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 6355794
Conc: 47.63 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.006 min
Response: 6606124
Conc: 49.62 ug/ml



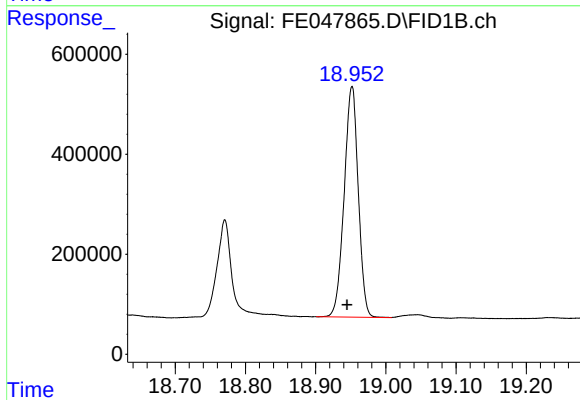
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.007 min
Response: 6474083
Conc: 46.91 ug/ml

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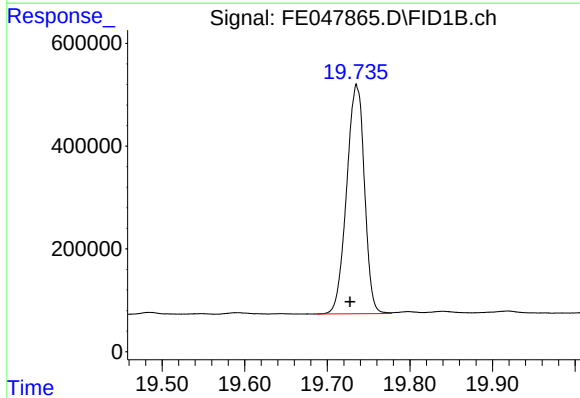
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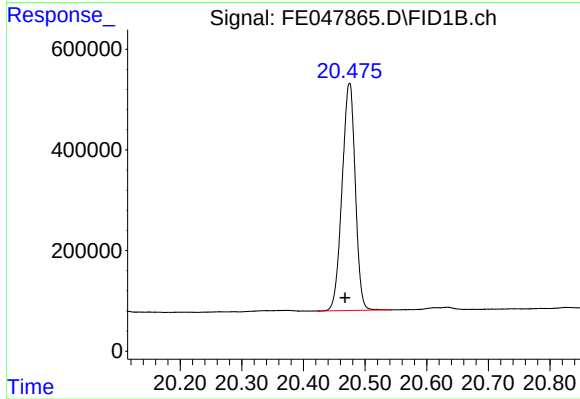
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.007 min
Response: 6439286
Conc: 46.62 ug/ml



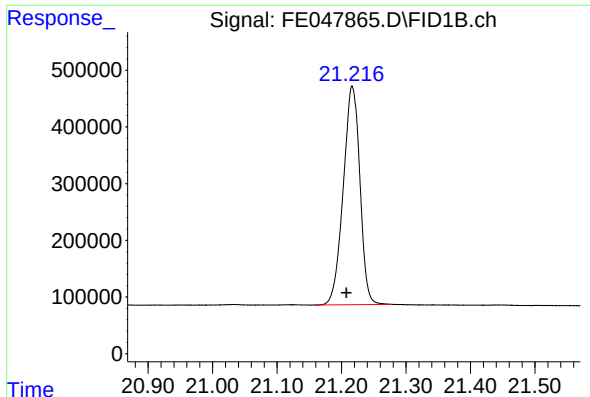
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.008 min
Response: 6681096
Conc: 49.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.007 min
Response: 6735906
Conc: 49.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.009 min
Response: 6925550
Conc: 50.16 ug/ml

Instrument :

FID_E

ClientSampleId :

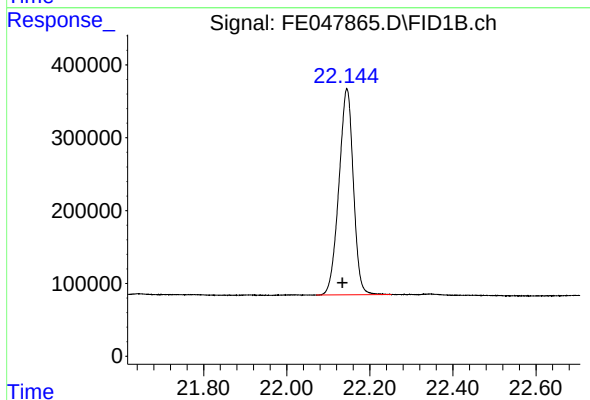
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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.011 min
Response: 6841124
Conc: 49.10 ug/ml