

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
 Data File : FF013843.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2023 17:52
 Operator : YP\AJ
 Sample : 05745-02MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WC-1-EPHMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
 Quant Time: Dec 12 22:37:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:36:20 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)	11.873	5925383	40.210 ug/ml
Spiked Amount 50.000		Recovery =	80.42%
12) S 1-chlorooctadecane (S...	13.312	4260105	40.014 ug/ml
Spiked Amount 50.000		Recovery =	80.03%
Target Compounds			
1) T n-Nonane (C9)	3.266	3315420	27.507 ug/ml
2) T n-Decane (C10)	4.517	3748013	30.794 ug/ml
3) T A~Naphthalene (C11.7)	6.214	4322969	33.395 ug/ml
4) T n-Dodecane (C12)	6.681	4184048	34.115 ug/ml
5) T A~2-methylnaphthalene...	7.308	4425951	35.262 ug/ml
6) T n-Tetradecane (C14)	8.508	4449955	37.010 ug/ml
7) T n-Hexadecane (C16)	10.114	4614682	37.732 ug/ml
8) T n-Octadecane (C18)	11.559	4770230	38.764 ug/ml
10) T n-Eicosane (C20)	12.868	4743538	39.628 ug/ml
11) T n-Heneicosane (C21)	13.480	4534914	38.450 ug/ml
13) T n-Docosane (C22)	14.066	4544338	39.014 ug/ml
14) T n-Tetracosane (C24)	15.144	8860481	77.439 ug/mlm
15) T n-Hexacosane (C26)	16.193	4359710	38.933 ug/ml
16) T n-Octacosane (C28)	17.143	4322936	39.387 ug/ml
17) T n-Tricontane (C30)	18.032	4252337	38.275 ug/ml
18) T n-Dotriacontane (C32)	18.863	4204923	37.816 ug/ml
19) T n-Tetratriacontane (C34)	19.648	4062852	37.724 ug/ml
20) T n-Hexatriacontane (C36)	20.388	3961839	35.645 ug/ml
21) T n-Octatriacontane (C38)	21.116	3801935	34.772 ug/ml
22) T n-Tetracontane (C40)	22.005	3929307	34.697 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 05745-02MSD
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ALS Vial : 44 Sample Multiplier: 1

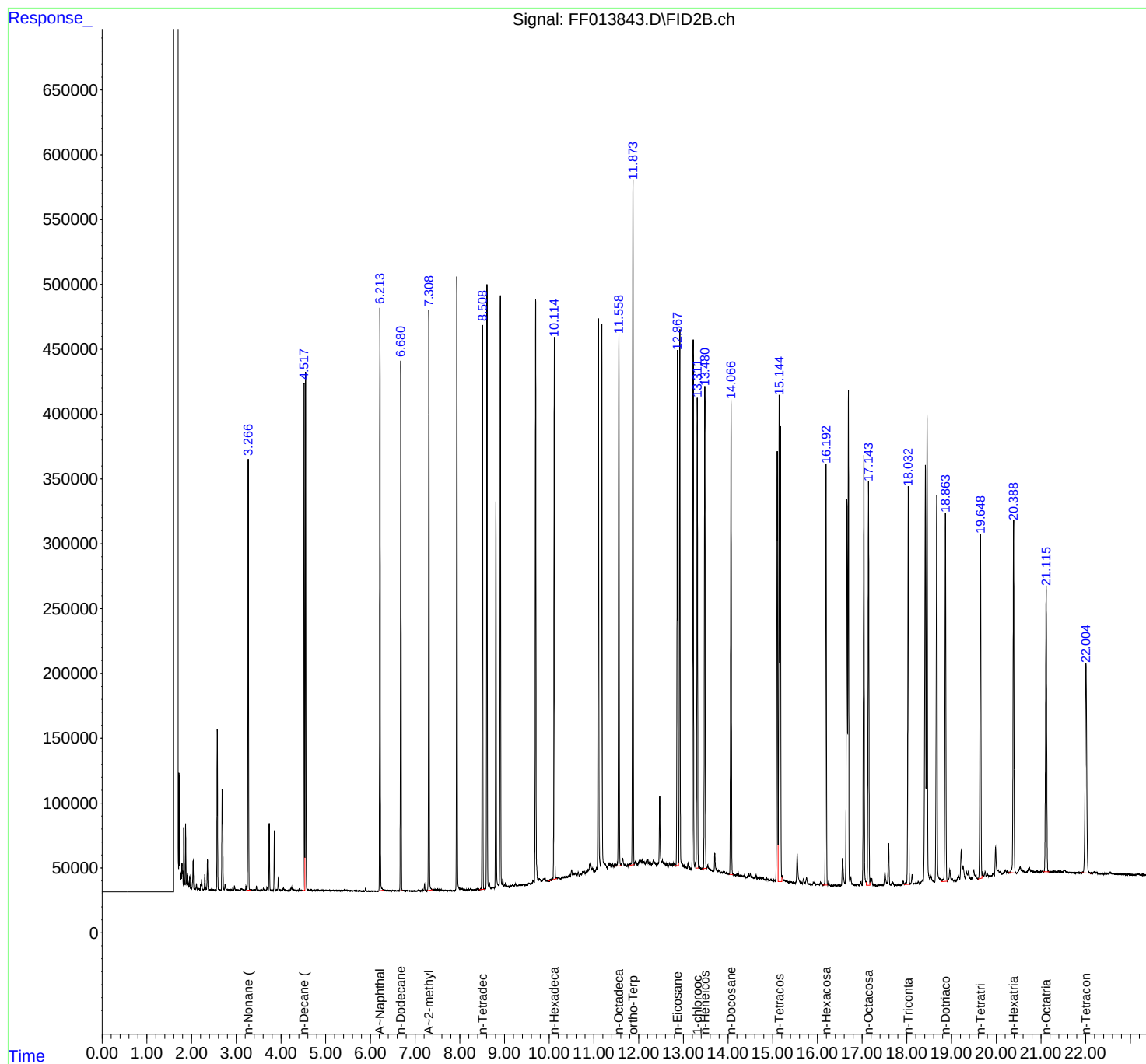
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FID_F
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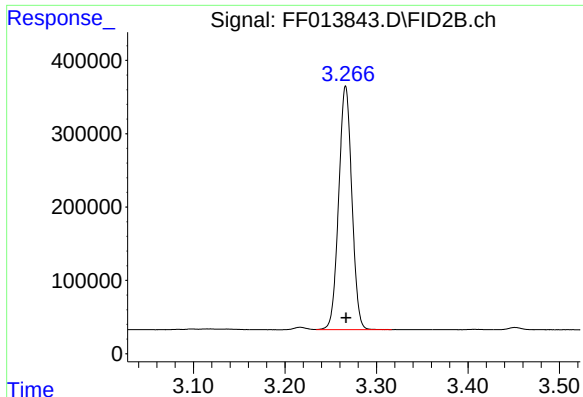
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#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 3315420
Conc: 27.51 ug/ml

Instrument :

FID_F

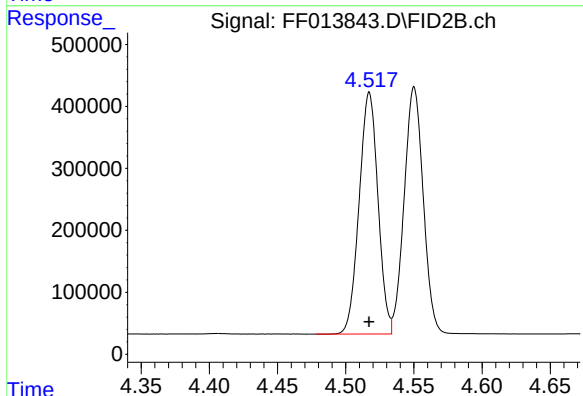
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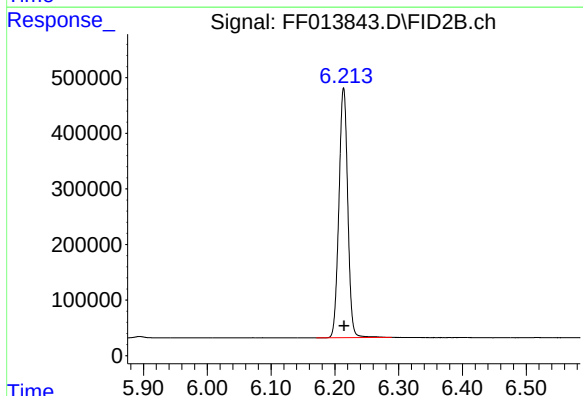
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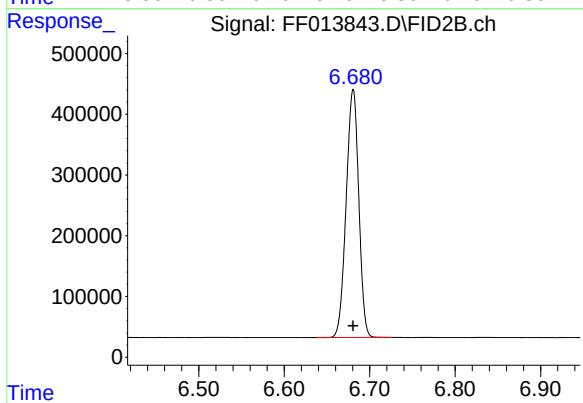
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 3748013
Conc: 30.79 ug/ml



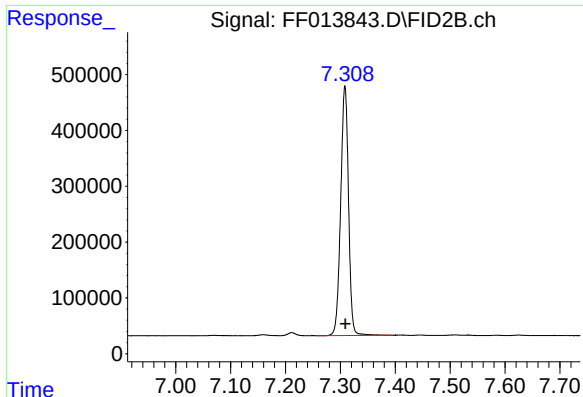
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 4322969
Conc: 33.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 4184048
Conc: 34.12 ug/ml



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

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 4425951
Conc: 35.26 ug/ml

Instrument :

FID_F

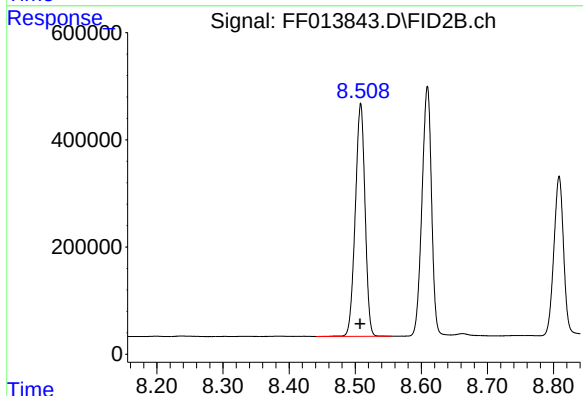
ClientSampleId :

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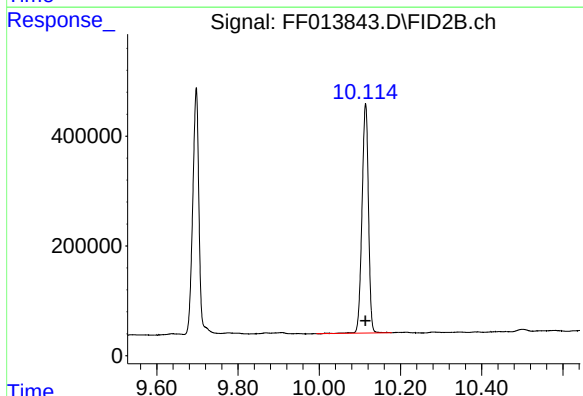
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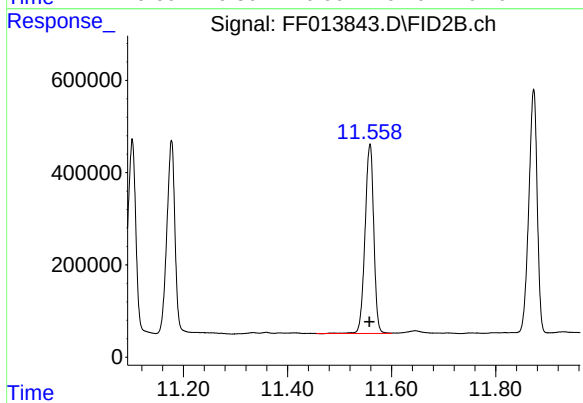
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 4449955
Conc: 37.01 ug/ml



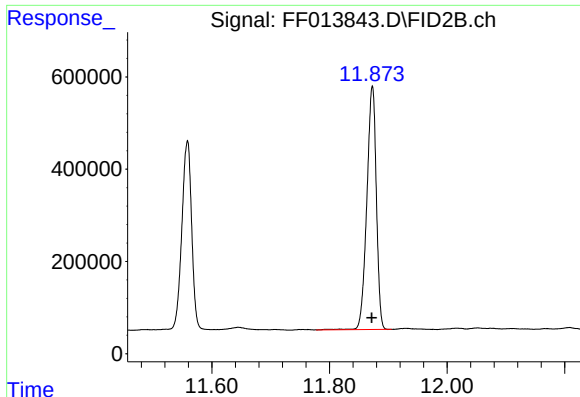
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 4614682
Conc: 37.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.001 min
Response: 4770230
Conc: 38.76 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: 0.001 min
Response: 5925383
Conc: 40.21 ug/ml

Instrument :

FID_F

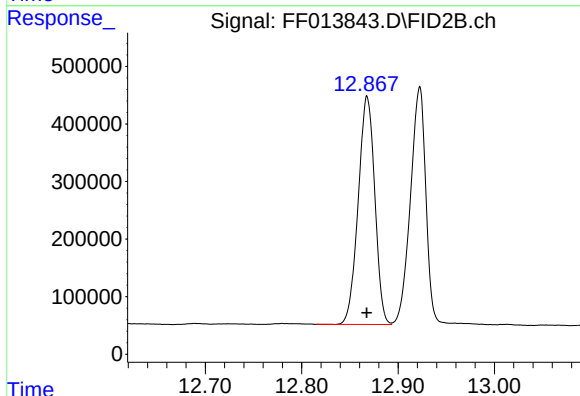
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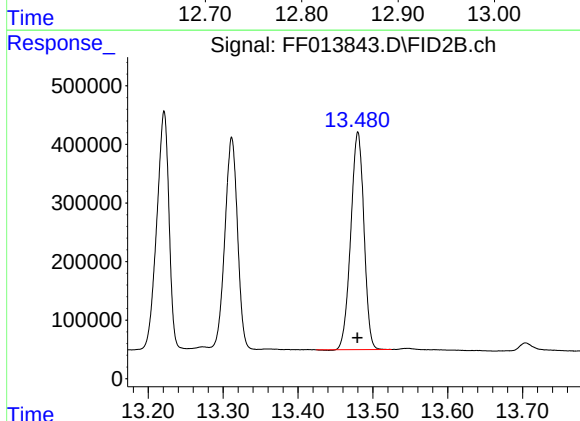
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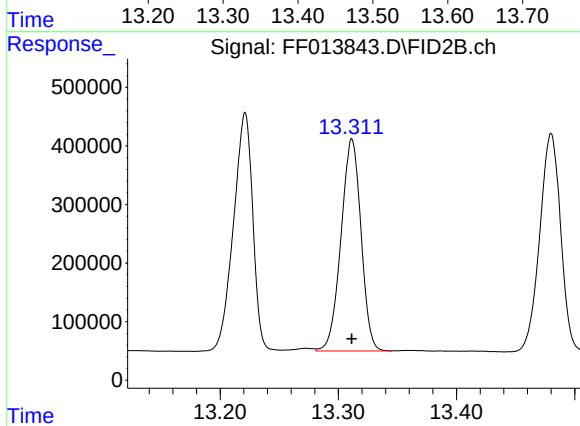
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 4743538
Conc: 39.63 ug/ml



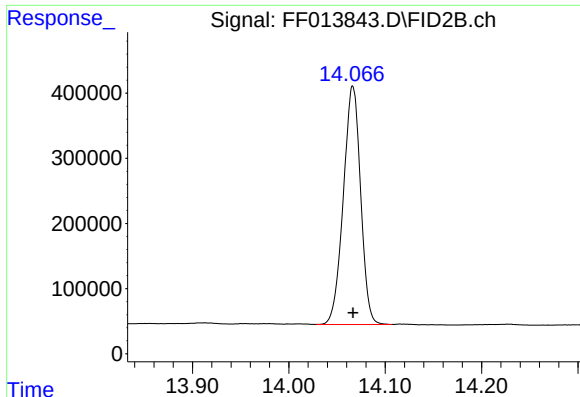
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 4534914
Conc: 38.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 4260105
Conc: 40.01 ug/ml



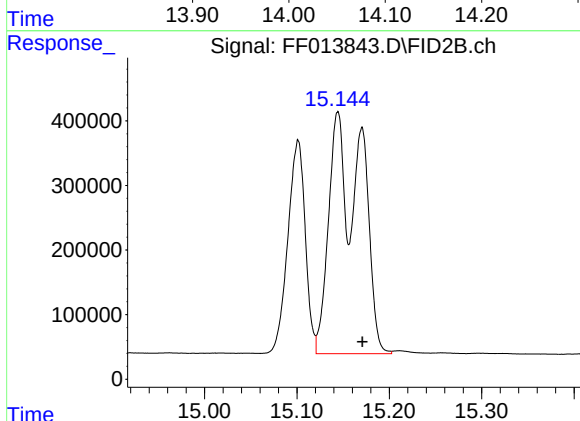
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.000 min
Response: 4544338
Conc: 39.01 ug/ml

Instrument :
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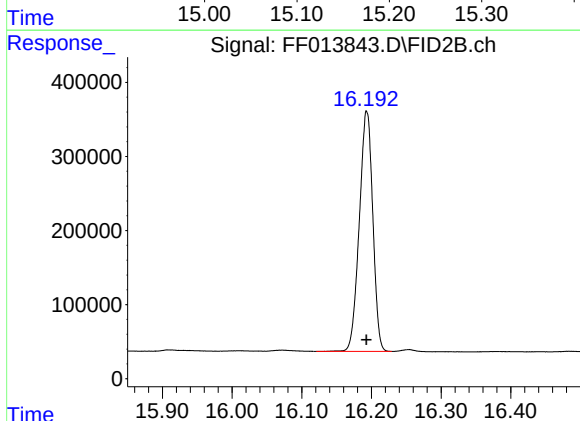
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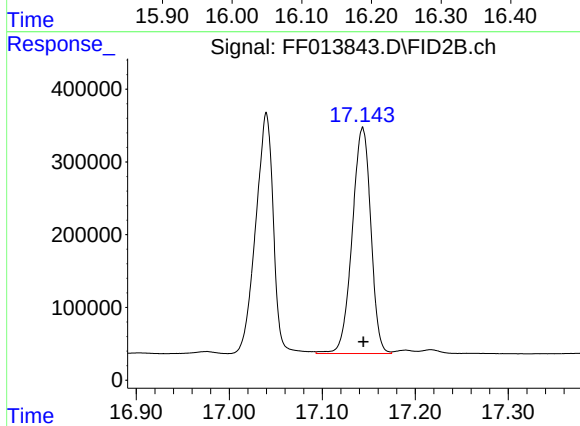
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.026 min
Response: 8860481
Conc: 77.44 ug/ml m



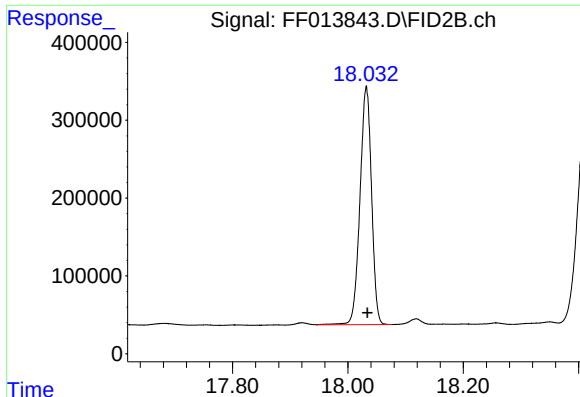
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 4359710
Conc: 38.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.000 min
Response: 4322936
Conc: 39.39 ug/ml



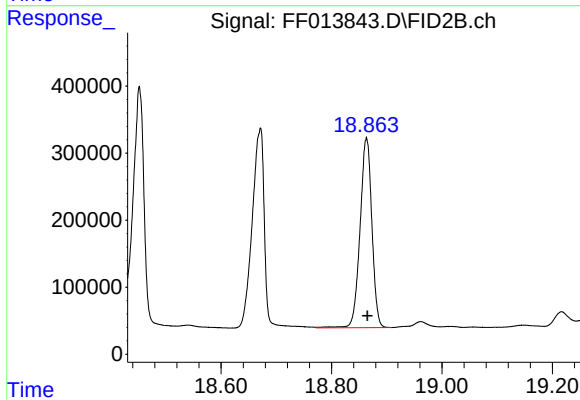
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.002 min
Response: 4252337
Conc: 38.28 ug/ml

Instrument :
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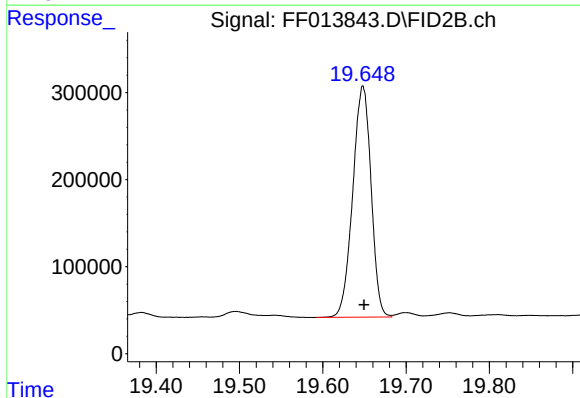
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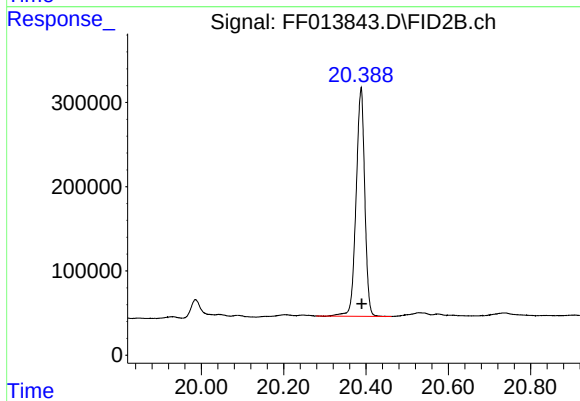
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.002 min
Response: 4204923
Conc: 37.82 ug/ml



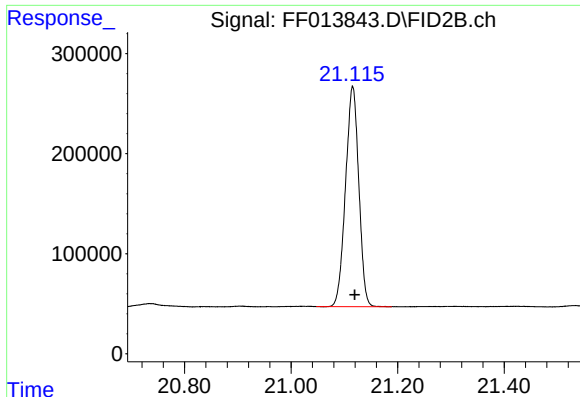
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.001 min
Response: 4062852
Conc: 37.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.002 min
Response: 3961839
Conc: 35.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.004 min
Response: 3801935
Conc: 34.77 ug/ml

Instrument :

FID_F

ClientSampleId :

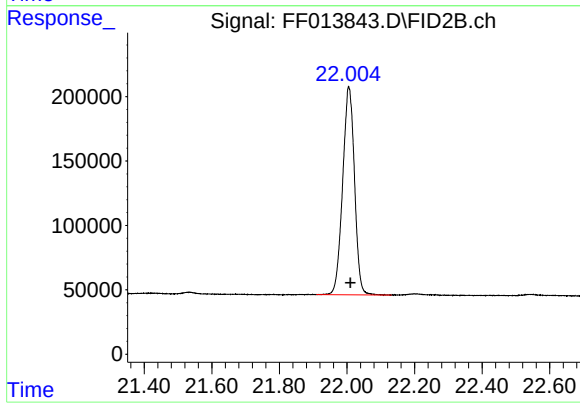
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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.005 min
Response: 3929307
Conc: 34.70 ug/ml