

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048456.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 16:18
 Operator : YP\AJ
 Sample : P2646-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WCS-TPSMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/31/2024
 Supervised By :Ankita Jodhani 05/31/2024

Integration File: autoint1.e
 Quant Time: May 31 01:33:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.954	4201913	29.262 ug/ml
Spiked Amount 50.000		Recovery =	58.52%
12) S 1-chlorooctadecane (S...	13.388	3889438	35.702 ug/ml
Spiked Amount 50.000		Recovery =	71.40%
Target Compounds			
1) T n-Nonane (C9)	3.344	4959379	33.172 ug/ml
2) T n-Decane (C10)	4.593	5680292	37.617 ug/ml
3) T A~Naphthalene (C11.7)	6.297	6234219	41.869 ug/ml
4) T n-Dodecane (C12)	6.756	5796136	39.156 ug/ml
5) T A~2-methylnaphthalene...	7.393	6318651	45.571 ug/ml
6) T n-Tetradecane (C14)	8.585	6146218	43.334 ug/ml
7) T n-Hexadecane (C16)	10.192	6486610	46.011 ug/ml
8) T n-Octadecane (C18)	11.635	6637448	47.791 ug/ml
10) T n-Eicosane (C20)	12.945	6668060	50.388 ug/ml
11) T n-Heneicosane (C21)	13.557	6437841	49.702 ug/ml
13) T n-Docosane (C22)	14.142	6396886	49.641 ug/ml
14) T n-Tetracosane (C24)	15.237	11756304	90.747 ug/ml
15) T n-Hexacosane (C26)	16.266	6407835	49.441 ug/ml
16) T n-Octacosane (C28)	17.214	6587185	50.963 ug/ml
17) T n-Tricontane (C30)	18.101	6651554	49.653 ug/ml
18) T n-Dotriacontane (C32)	18.933	6839789	50.388 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6979382	51.019 ug/mlm
20) T n-Hexatriacontane (C36)	20.455	6939787	51.052 ug/ml
21) T n-Octatriacontane (C38)	21.194	6916097	50.715 ug/ml
22) T n-Tetracontane (C40)	22.116	6514172	47.576 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2646-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

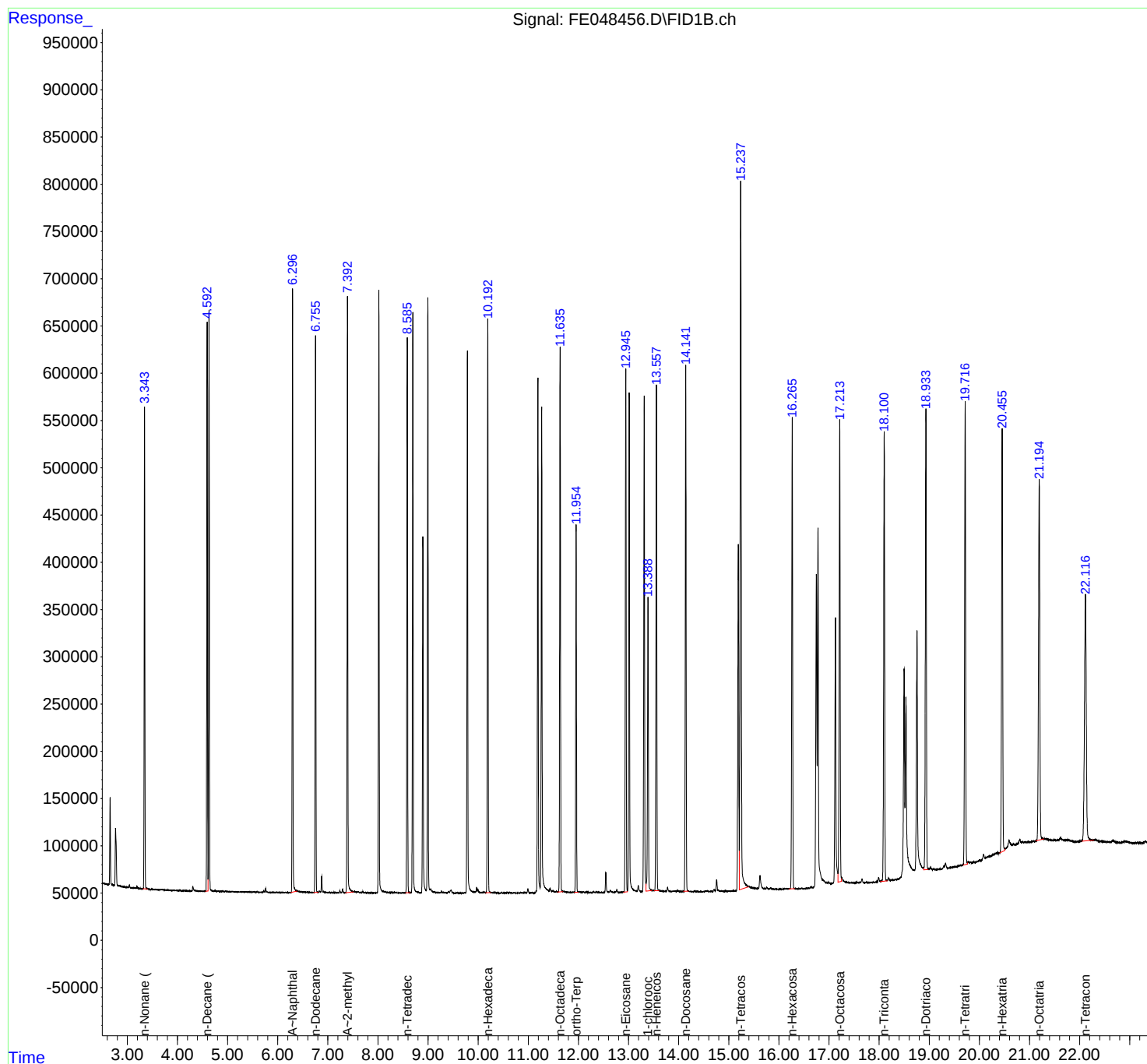
Instrument :
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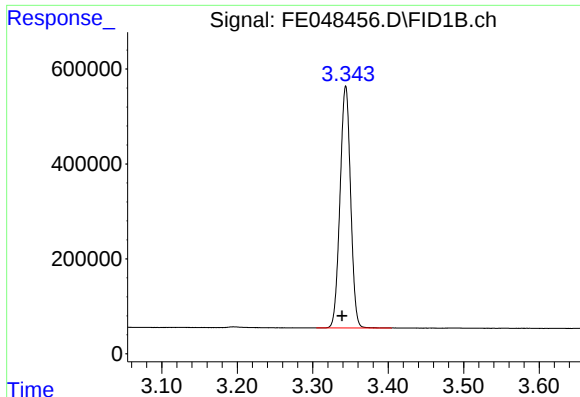
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#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: 0.005 min
Response: 4959379
Conc: 33.17 ug/ml

Instrument :

FID_E

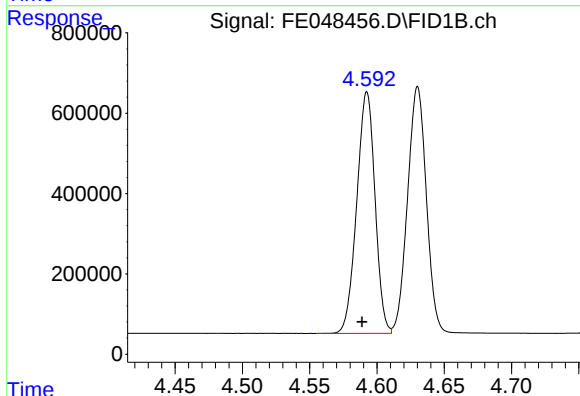
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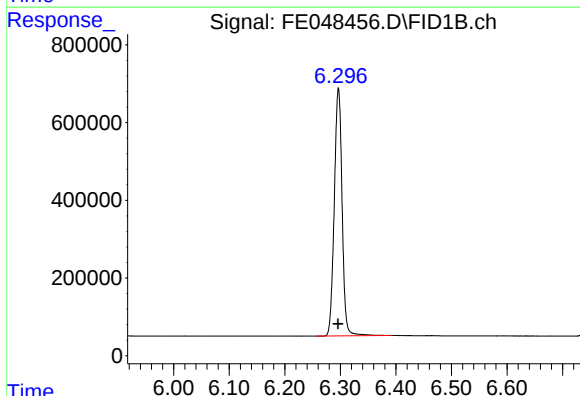
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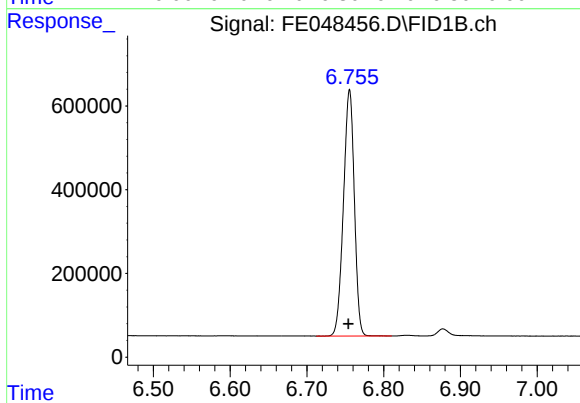
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: 0.004 min
Response: 5680292
Conc: 37.62 ug/ml



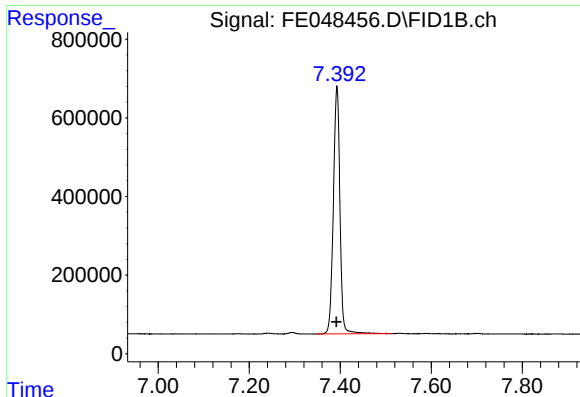
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 6234219
Conc: 41.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.756 min
Delta R.T.: 0.001 min
Response: 5796136
Conc: 39.16 ug/ml



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

R.T.: 7.393 min
Delta R.T.: 0.001 min
Response: 6318651
Conc: 45.57 ug/ml

Instrument :

FID_E

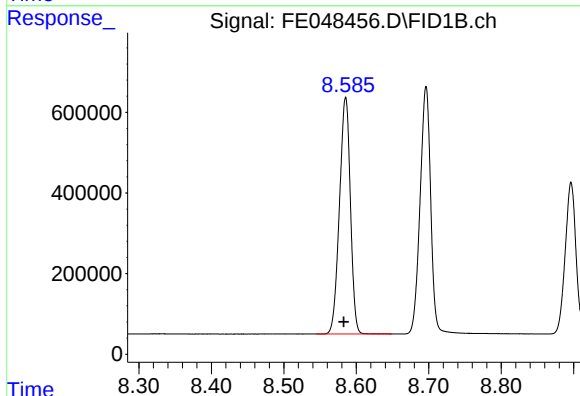
ClientSampleId :

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Manual Integrations

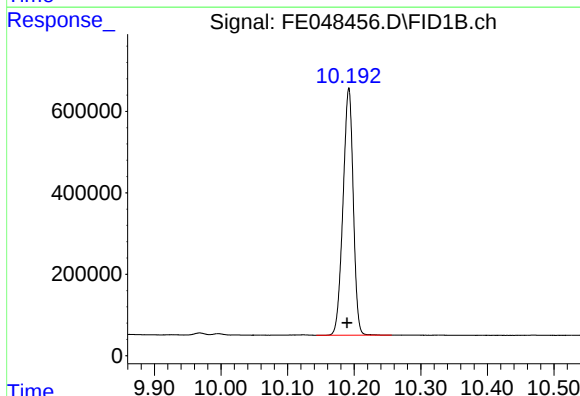
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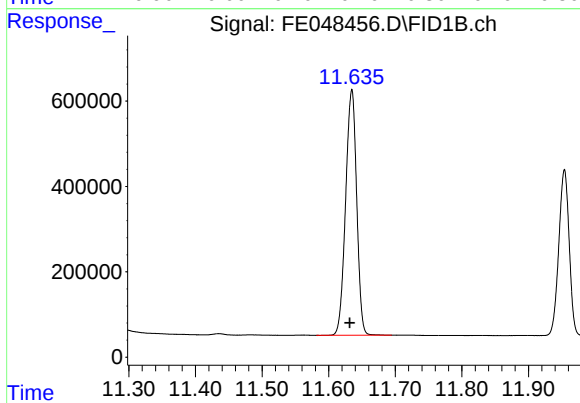
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.003 min
Response: 6146218
Conc: 43.33 ug/ml



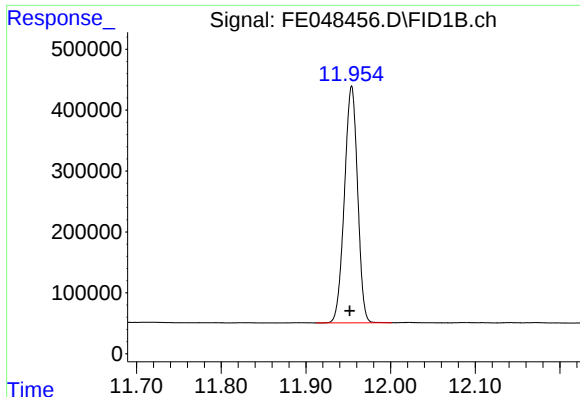
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.003 min
Response: 6486610
Conc: 46.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 6637448
Conc: 47.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.002 min
Response: 4201913
Conc: 29.26 ug/ml

Instrument :

FID_E

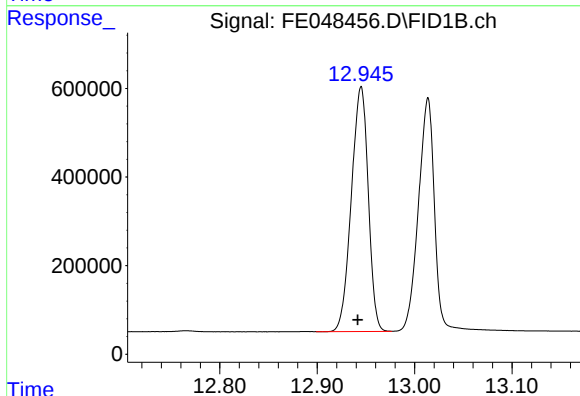
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Manual Integrations

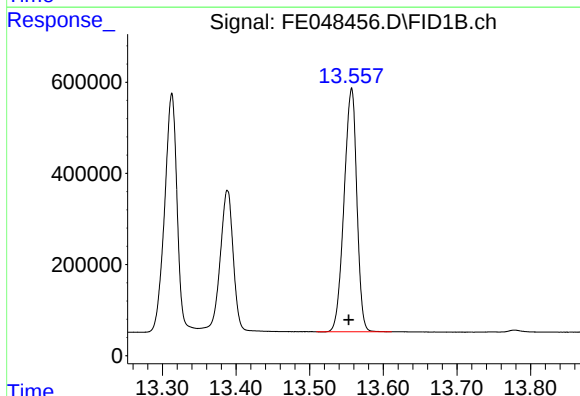
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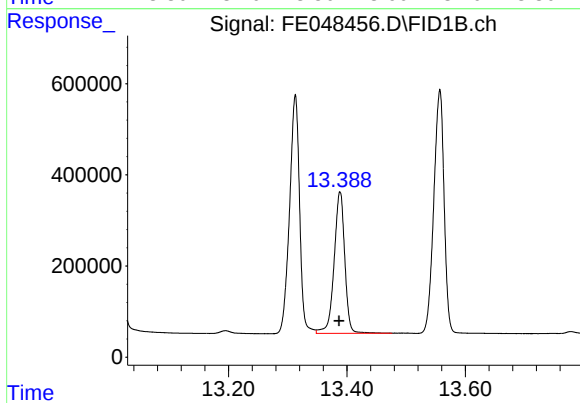
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 6668060
Conc: 50.39 ug/ml



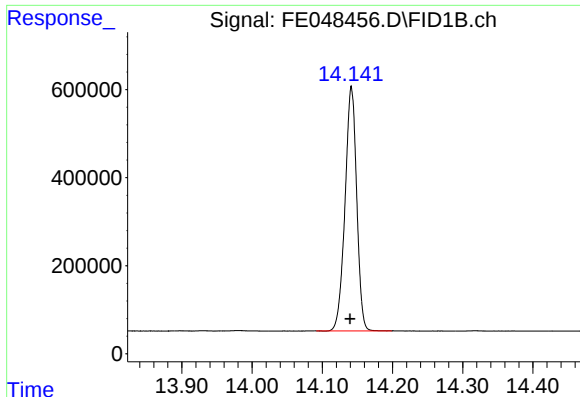
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.004 min
Response: 6437841
Conc: 49.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.002 min
Response: 3889438
Conc: 35.70 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.002 min
Response: 6396886
Conc: 49.64 ug/ml

Instrument :

FID_E

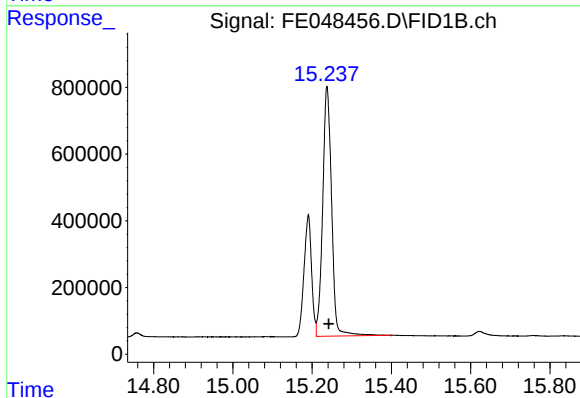
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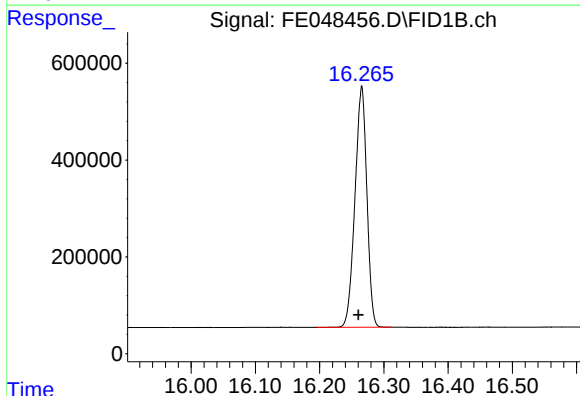
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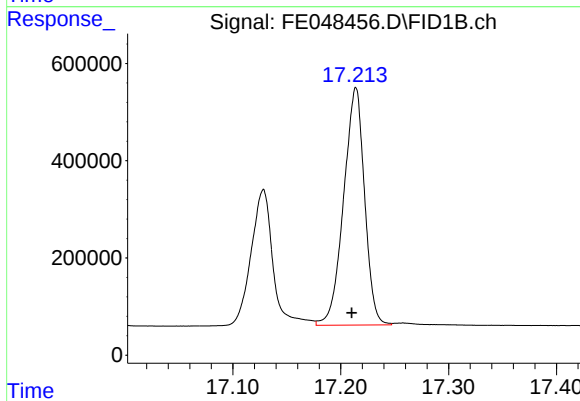
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.004 min
Response: 11756304
Conc: 90.75 ug/ml



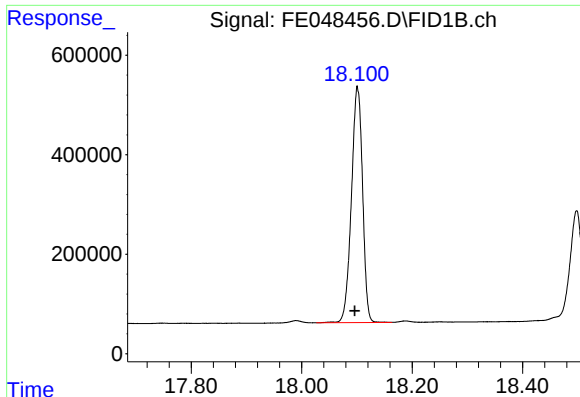
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.005 min
Response: 6407835
Conc: 49.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: 0.004 min
Response: 6587185
Conc: 50.96 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.005 min
Response: 6651554
Conc: 49.65 ug/ml

Instrument :

FID_E

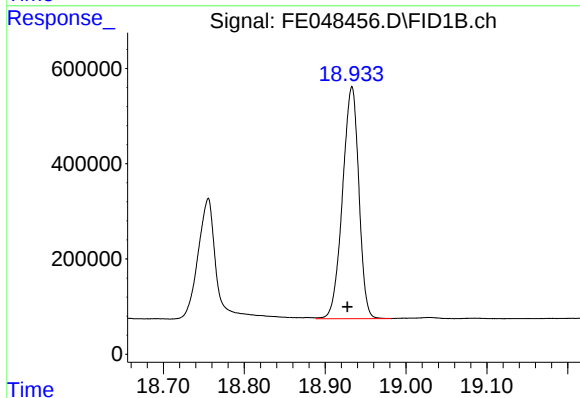
ClientSampleId :

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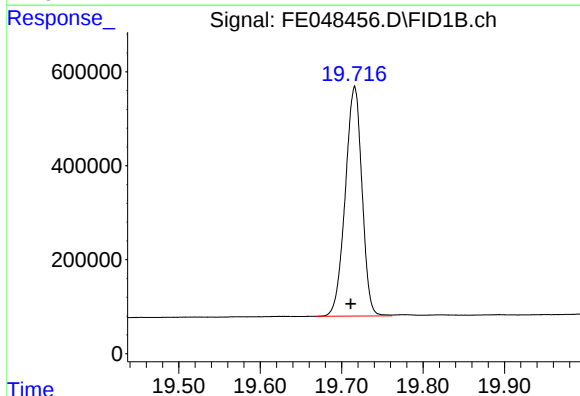
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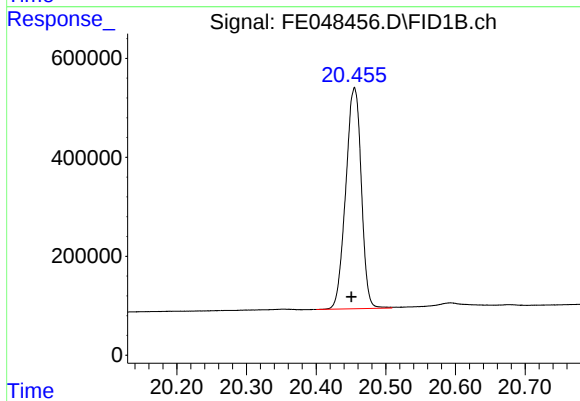
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.006 min
Response: 6839789
Conc: 50.39 ug/ml



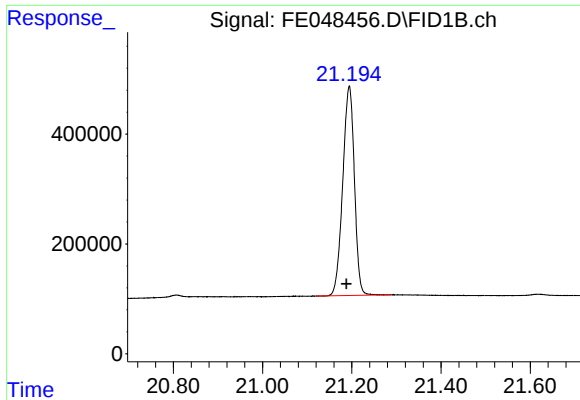
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.005 min
Response: 6979382
Conc: 51.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: 0.005 min
Response: 6939787
Conc: 51.05 ug/ml



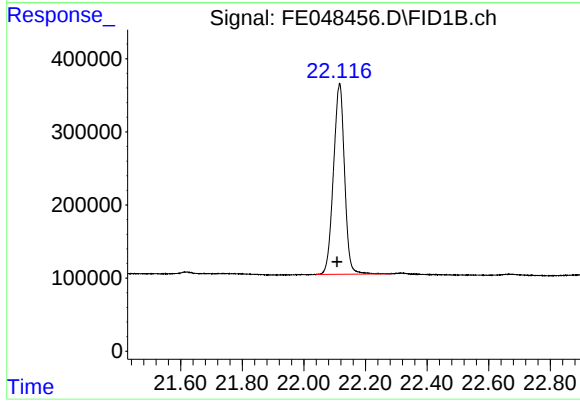
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: 0.007 min
Response: 6916097
Conc: 50.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.009 min
Response: 6514172
Conc: 47.58 ug/ml