

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053024AL\
 Data File : FE048455.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2024 15:48
 Operator : YP\AJ
 Sample : P2646-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WCS-TPSMS

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 01:33:14 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	4220528	29.392 ug/ml
Spiked Amount 50.000		Recovery =	58.78%
12) S 1-chlorooctadecane (S...	13.388	3908306	35.875 ug/ml
Spiked Amount 50.000		Recovery =	71.75%
Target Compounds			
1) T n-Nonane (C9)	3.344	4890962	32.714 ug/ml
2) T n-Decane (C10)	4.592	5623747	37.243 ug/ml
3) T A~Naphthalene (C11.7)	6.297	6222983	41.794 ug/ml
4) T n-Dodecane (C12)	6.755	5763109	38.933 ug/ml
5) T A~2-methylnaphthalene...	7.393	6311959	45.523 ug/ml
6) T n-Tetradecane (C14)	8.586	6149861	43.360 ug/ml
7) T n-Hexadecane (C16)	10.192	6524484	46.280 ug/ml
8) T n-Octadecane (C18)	11.635	6675437	48.064 ug/ml
10) T n-Eicosane (C20)	12.945	6689695	50.551 ug/ml
11) T n-Heneicosane (C21)	13.557	6452777	49.817 ug/ml
13) T n-Docosane (C22)	14.142	6406947	49.719 ug/ml
14) T n-Tetracosane (C24)	15.238	11694178	90.268 ug/ml
15) T n-Hexacosane (C26)	16.265	6385696	49.270 ug/ml
16) T n-Octacosane (C28)	17.214	6445677	49.869 ug/ml
17) T n-Tricontane (C30)	18.101	6613677	49.370 ug/ml
18) T n-Dotriacontane (C32)	18.932	6745908	49.697 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6931970	50.672 ug/mlm
20) T n-Hexatriacontane (C36)	20.456	6895165	50.724 ug/ml
21) T n-Octatriacontane (C38)	21.196	6907508	50.652 ug/ml
22) T n-Tetracontane (C40)	22.116	6424585	46.921 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2646-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

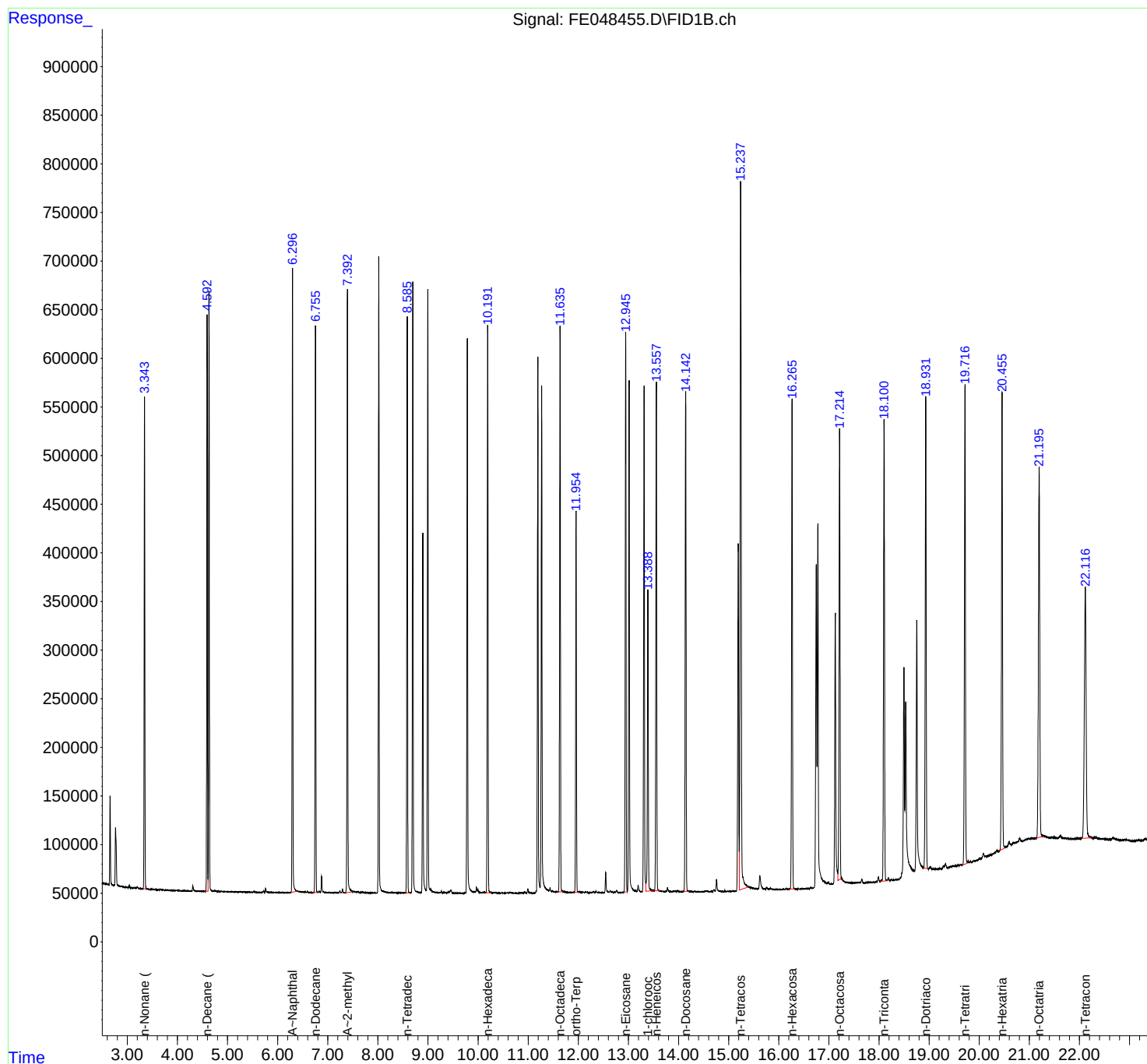
Instrument :
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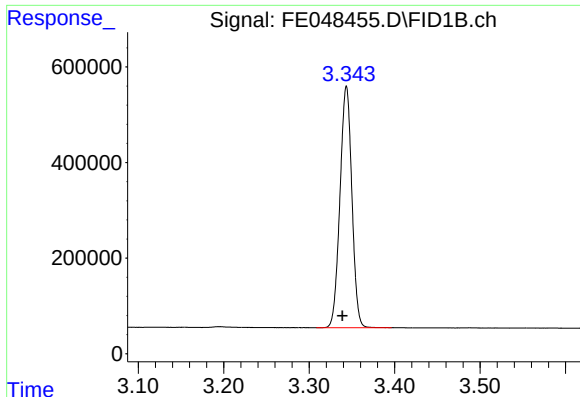
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: 0.005 min
Response: 4890962
Conc: 32.71 ug/ml

Instrument :

FID_E

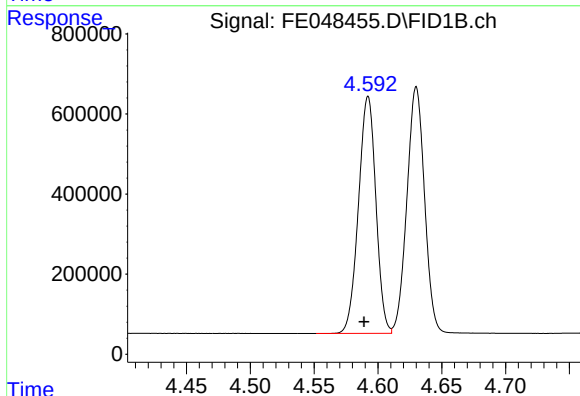
ClientSampleId :

WCS-TPSMS

Manual Integrations

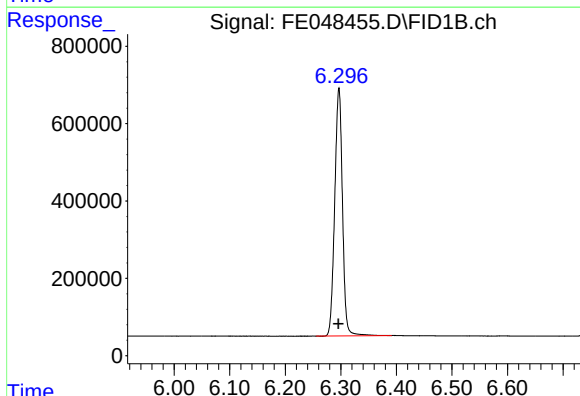
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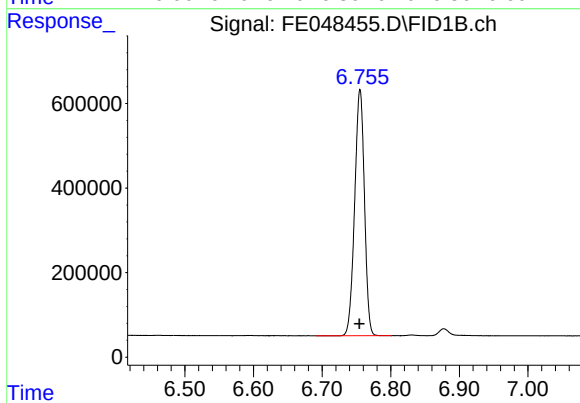
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.003 min
Response: 5623747
Conc: 37.24 ug/ml



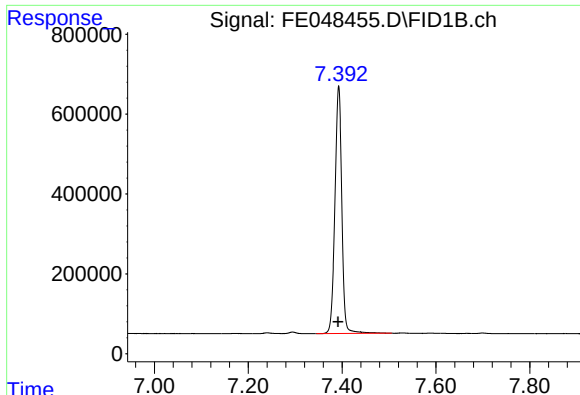
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 6222983
Conc: 41.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 5763109
Conc: 38.93 ug/ml



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

R.T.: 7.393 min
Delta R.T.: 0.001 min
Response: 6311959
Conc: 45.52 ug/ml

Instrument :

FID_E

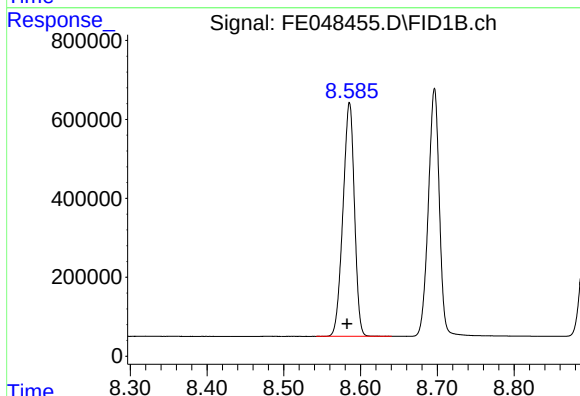
ClientSampleId :

WCS-TPSMS

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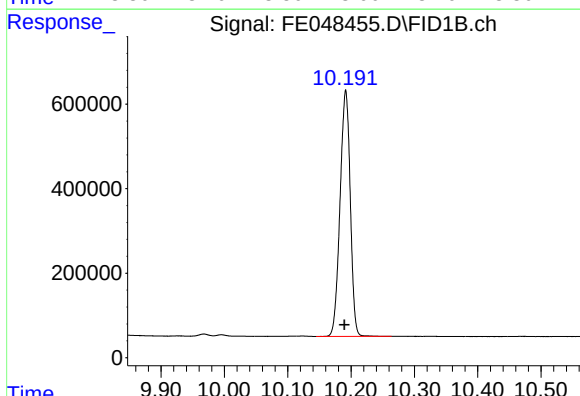
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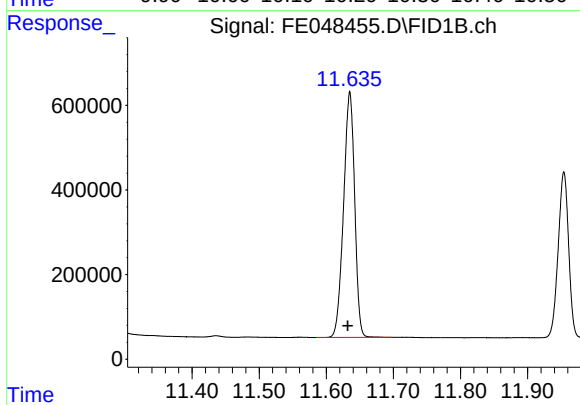
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: 0.003 min
Response: 6149861
Conc: 43.36 ug/ml



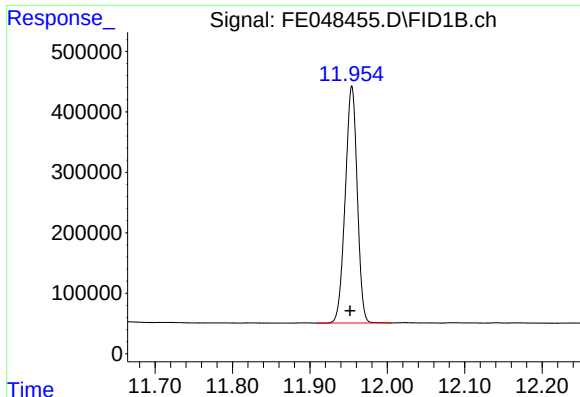
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.002 min
Response: 6524484
Conc: 46.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 6675437
Conc: 48.06 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.002 min
Response: 4220528
Conc: 29.39 ug/ml

Instrument :

FID_E

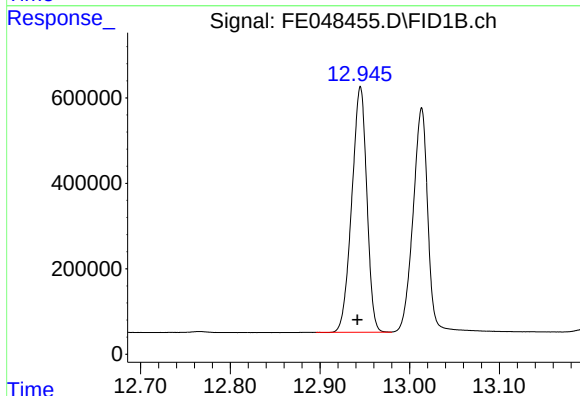
ClientSampleId :

WCS-TPSMS

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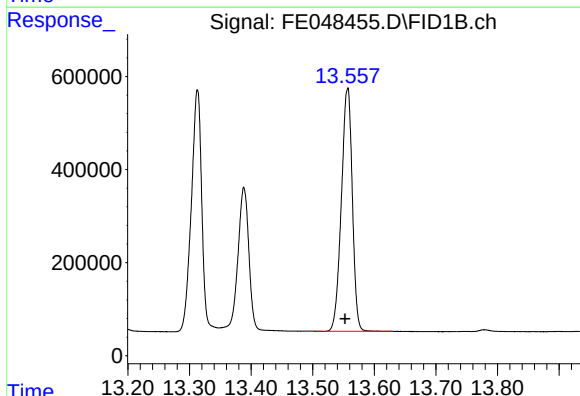
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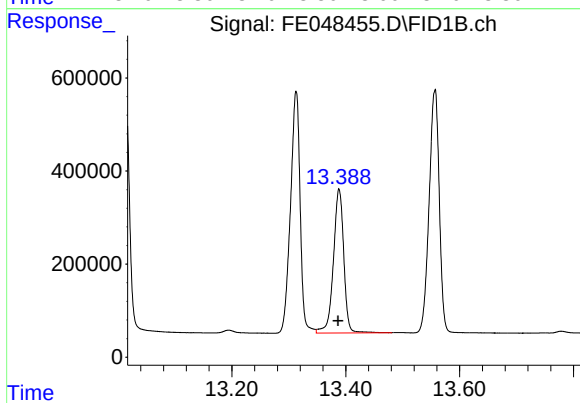
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 6689695
Conc: 50.55 ug/ml



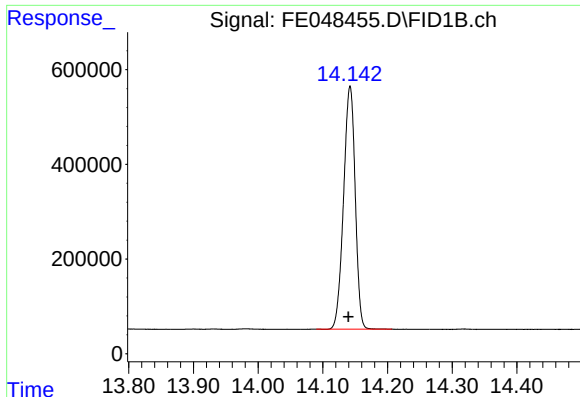
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.004 min
Response: 6452777
Conc: 49.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.001 min
Response: 3908306
Conc: 35.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.003 min
Response: 6406947
Conc: 49.72 ug/ml

Instrument :

FID_E

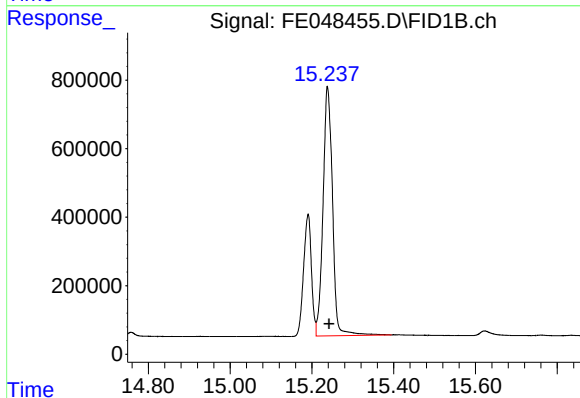
ClientSampleId :

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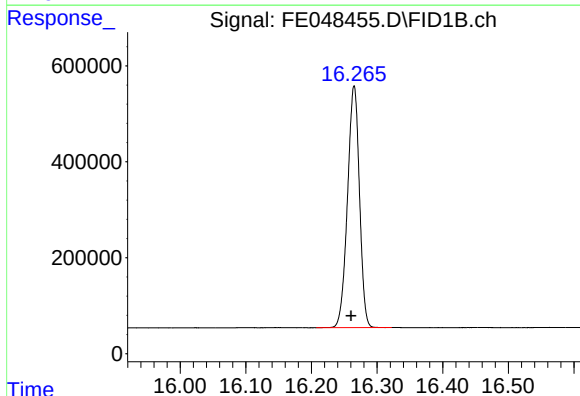
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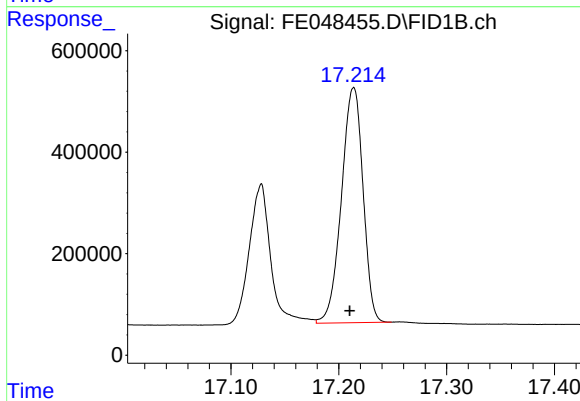
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.004 min
Response: 11694178
Conc: 90.27 ug/ml



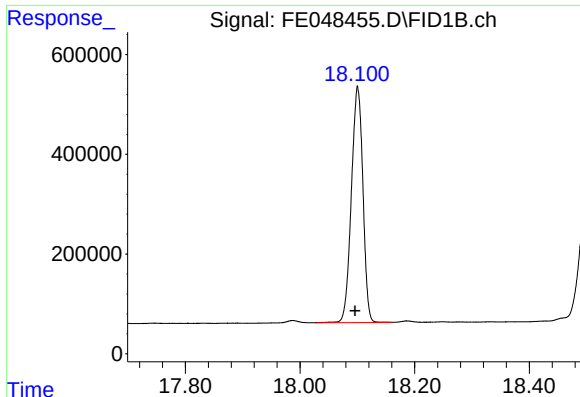
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.005 min
Response: 6385696
Conc: 49.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: 0.004 min
Response: 6445677
Conc: 49.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.004 min
Response: 6613677
Conc: 49.37 ug/ml

Instrument :

FID_E

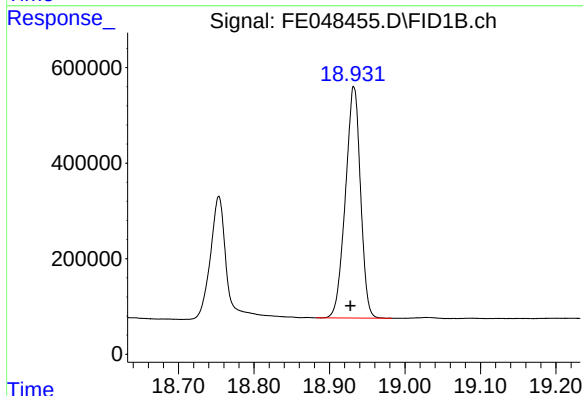
ClientSampleId :

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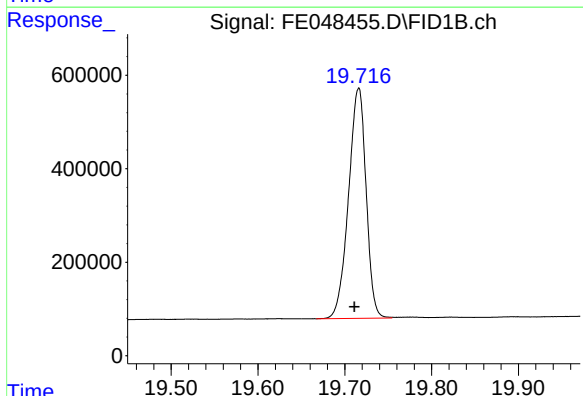
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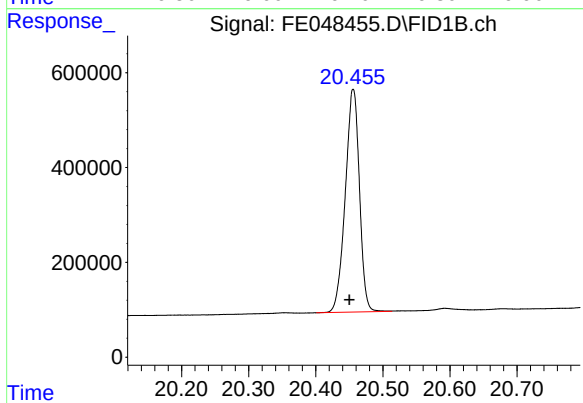
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.005 min
Response: 6745908
Conc: 49.70 ug/ml



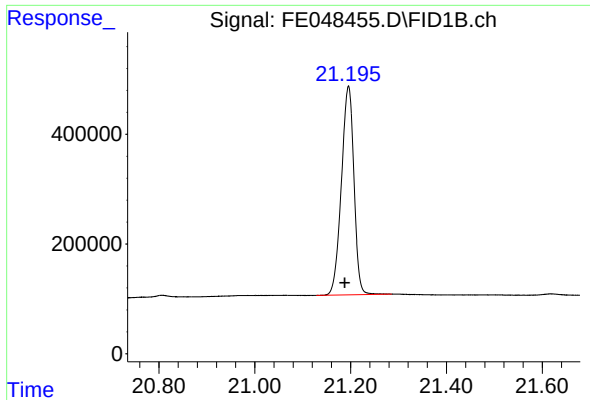
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.005 min
Response: 6931970
Conc: 50.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: 0.005 min
Response: 6895165
Conc: 50.72 ug/ml



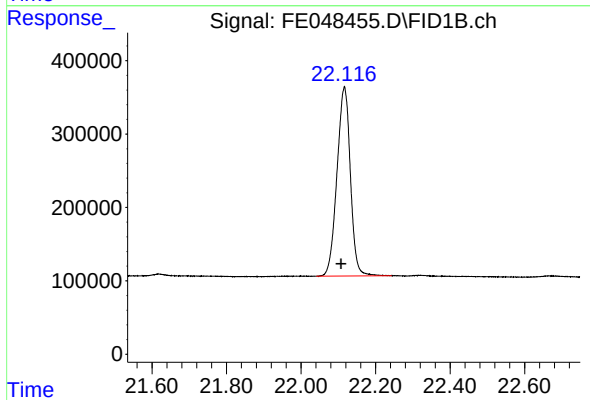
#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.008 min
Response: 6907508
Conc: 50.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.009 min
Response: 6424585
Conc: 46.92 ug/ml