

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020923AL\
 Data File : FE040291.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2023 18:29
 Operator : YP\AJ
 Sample : 01507-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-330MS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 02/10/2023

Supervised By :Sohil Jodhani 02/10/2023

Integration File: autoint1.e

Quant Time: Feb 09 23:47:47 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M

Quant Title : GC Extractables

QLast Update : Thu Feb 02 04:52:48 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)	11.900	6028894	37.247 ug/ml
Spiked Amount 50.000		Recovery =	74.49%
12) S 1-chlorooctadecane (S...	13.336	5672830	45.740 ug/ml
Spiked Amount 50.000		Recovery =	91.48%
Target Compounds			
1) T n-Nonane (C9)	3.291	4100409	30.127 ug/ml
2) T n-Decane (C10)	4.541	4550233	34.246 ug/ml
3) T A~Naphthalene (C11.7)	6.242	6002683	41.015 ug/ml
4) T n-Dodecane (C12)	6.704	5055980	37.552 ug/ml
5) T A~2-methylnaphthalene...	7.338	7583645	56.028 ug/ml
6) T n-Tetradecane (C14)	8.533	5511611	39.992 ug/ml
7) T n-Hexadecane (C16)	10.139	6224461	43.370 ug/ml
8) T n-Octadecane (C18)	11.582	6432149	43.240 ug/ml
10) T n-Eicosane (C20)	12.893	6540918	44.490 ug/ml
11) T n-Heneicosane (C21)	13.505	6448069	43.718 ug/ml
13) T n-Docosane (C22)	14.091	6485161	43.769 ug/ml
14) T n-Tetracosane (C24)	15.188	12801920	84.333 ug/ml
15) T n-Hexacosane (C26)	16.217	6073186	40.966 ug/ml
16) T n-Octacosane (C28)	17.167	6356813	42.417 ug/ml
17) T n-Tricontane (C30)	18.057	5852979	39.668 ug/ml
18) T n-Dotriacontane (C32)	18.889	5892234	40.231 ug/ml
19) T n-Tetratriacontane (C34)	19.674	5468101	39.755 ug/ml
20) T n-Hexatriacontane (C36)	20.416	5267027	39.709 ug/ml
21) T n-Octatriacontane (C38)	21.149	5127923	39.527 ug/ml
22) T n-Tetracontane (C40)	22.052	5359919	40.370 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

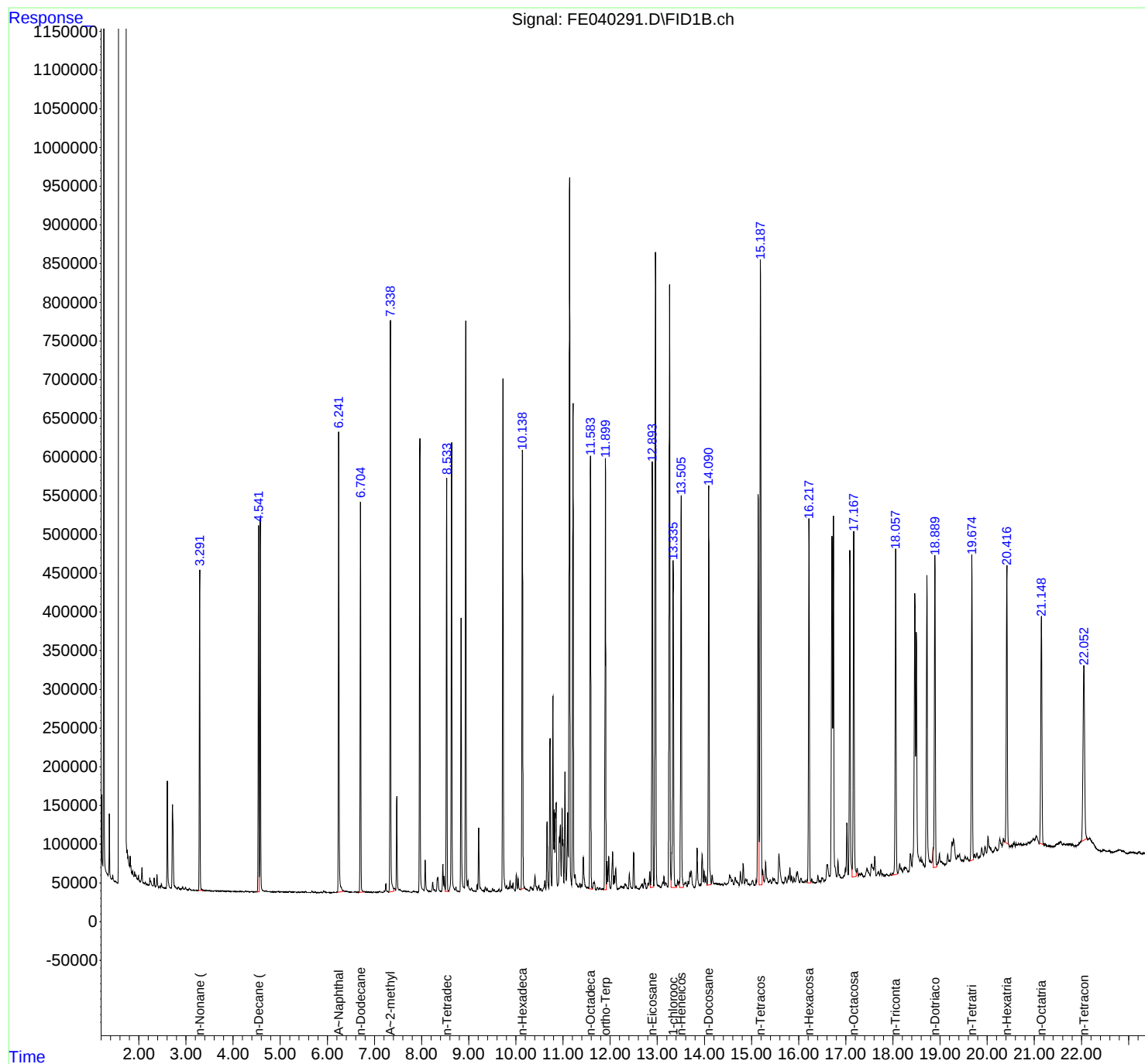
Instrument :
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ETGI-330MS

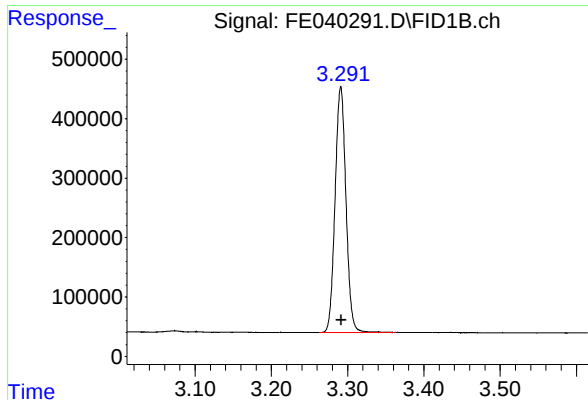
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 4100409
Conc: 30.13 ug/ml

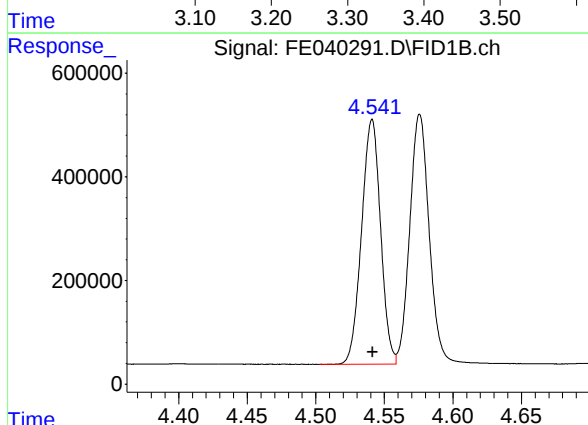
Instrument :

FID_E

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ETGI-330MS

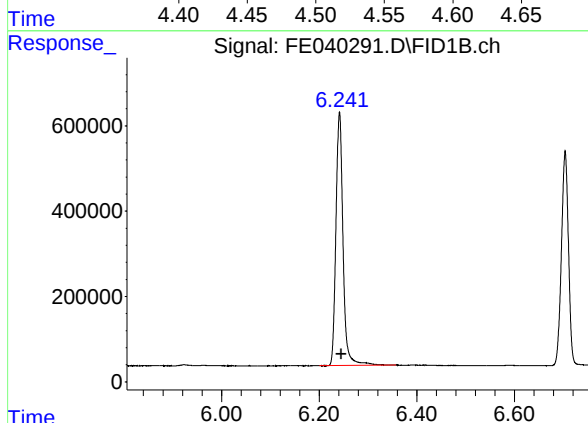
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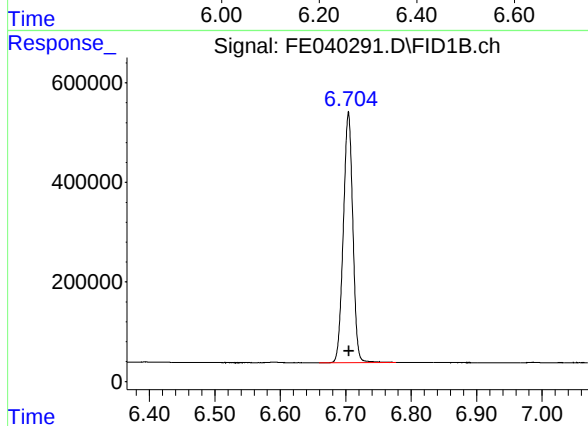
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 4550233
Conc: 34.25 ug/ml



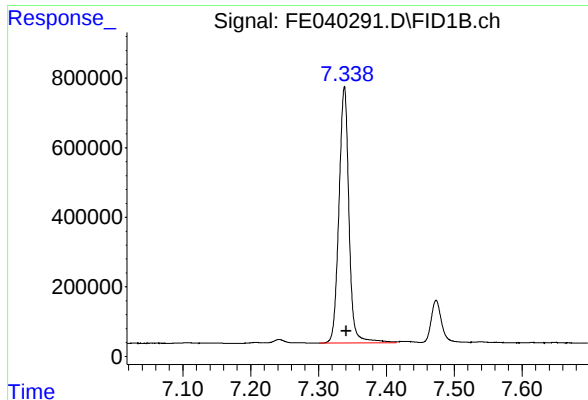
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 6002683
Conc: 41.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 5055980
Conc: 37.55 ug/ml



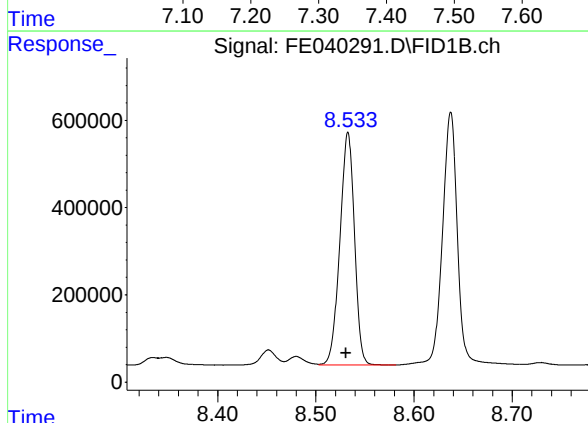
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 7583645
Conc: 56.03 ug/ml

Instrument :
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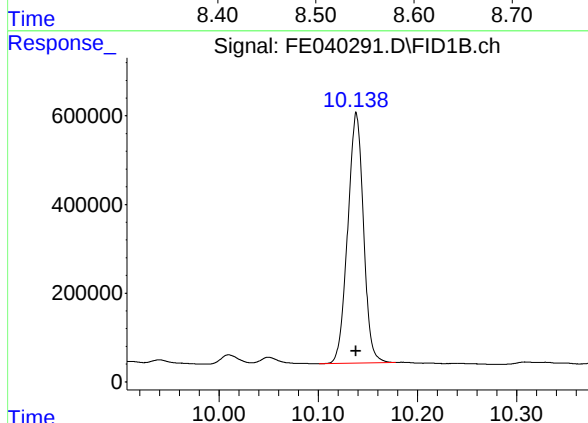
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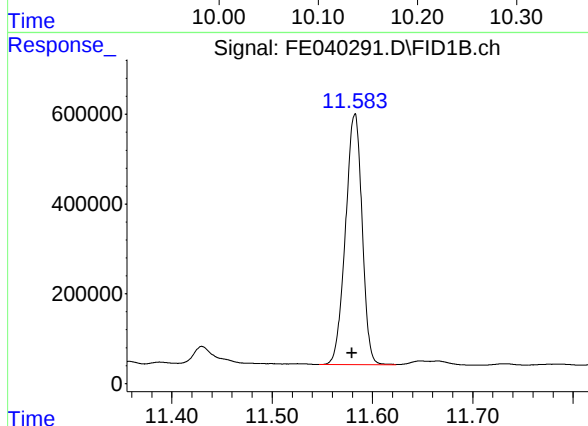
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 5511611
Conc: 39.99 ug/ml



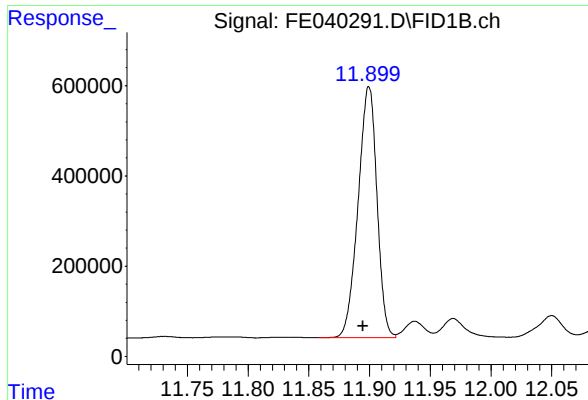
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 6224461
Conc: 43.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: 0.003 min
Response: 6432149
Conc: 43.24 ug/ml



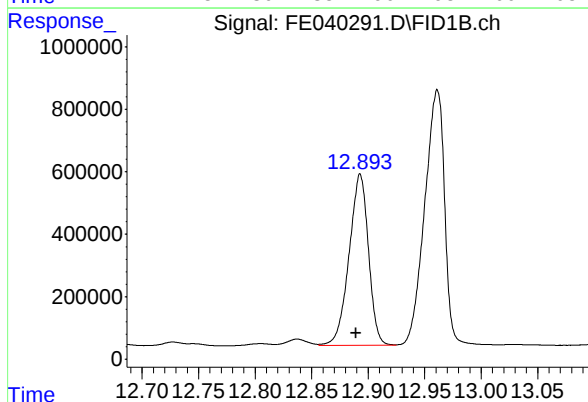
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.005 min
Response: 6028894
Conc: 37.25 ug/ml

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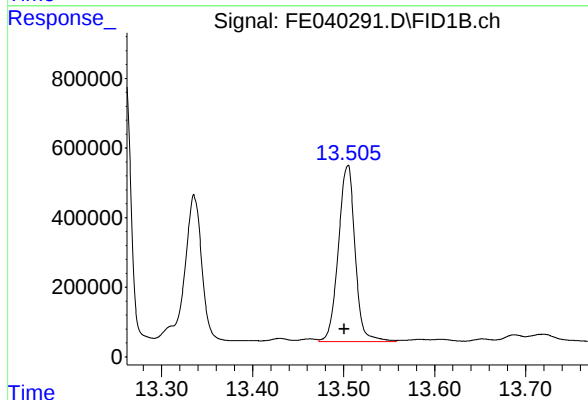
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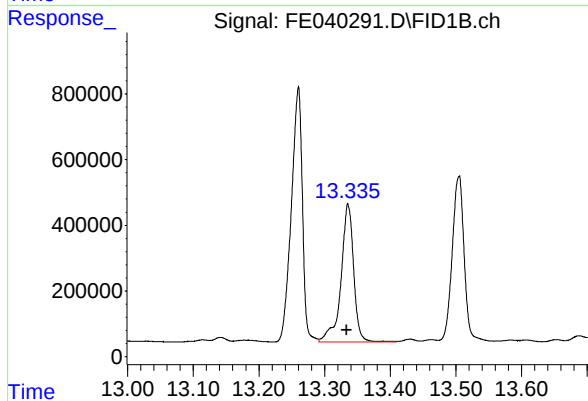
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.004 min
Response: 6540918
Conc: 44.49 ug/ml



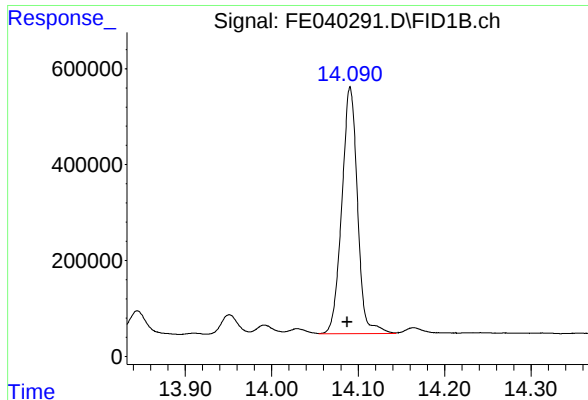
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.004 min
Response: 6448069
Conc: 43.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 5672830
Conc: 45.74 ug/ml



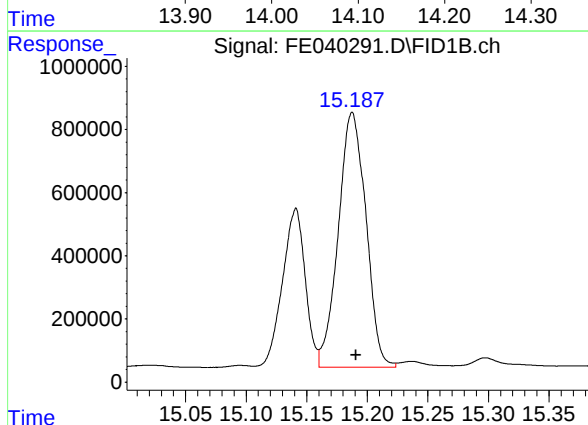
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: 0.003 min
Response: 6485161
Conc: 43.77 ug/ml

Instrument :
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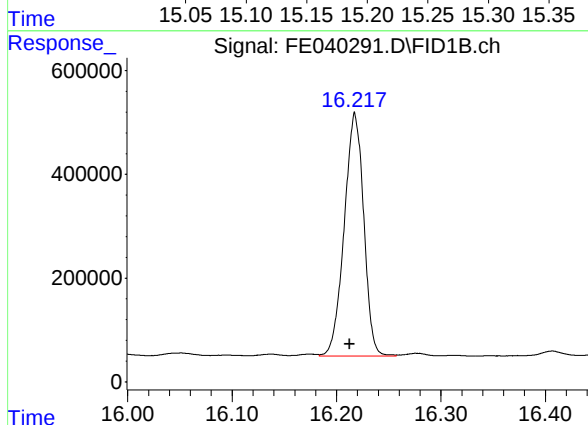
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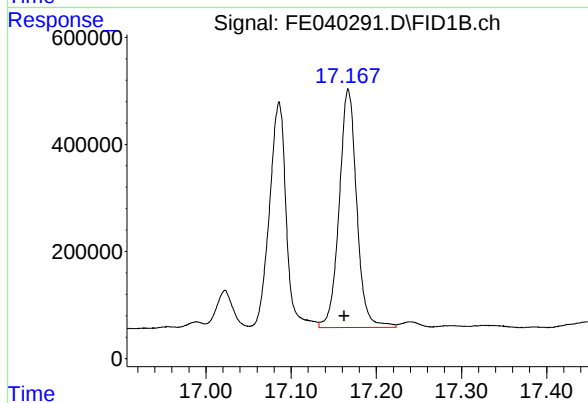
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.003 min
Response: 12801920
Conc: 84.33 ug/ml



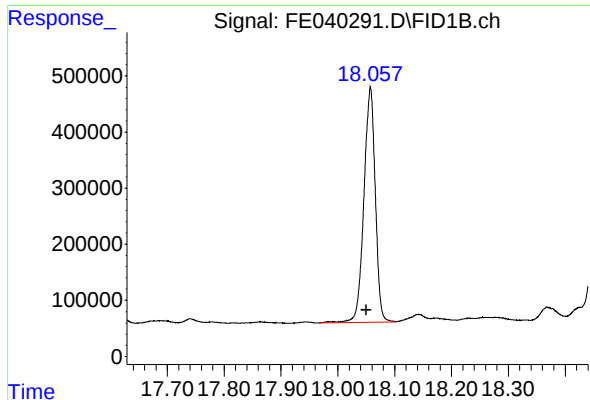
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.005 min
Response: 6073186
Conc: 40.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: 0.004 min
Response: 6356813
Conc: 42.42 ug/ml



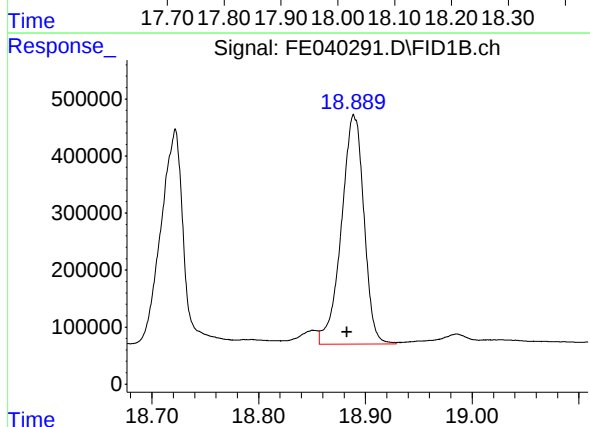
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.007 min
Response: 5852979
Conc: 39.67 ug/ml

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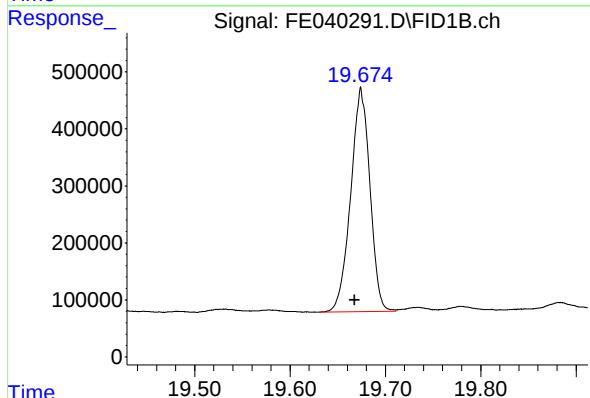
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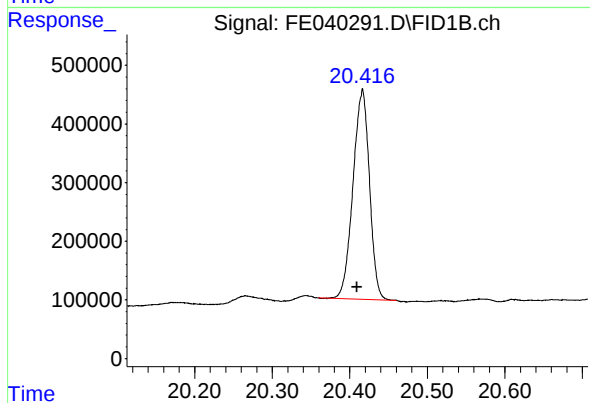
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.007 min
Response: 5892234
Conc: 40.23 ug/ml



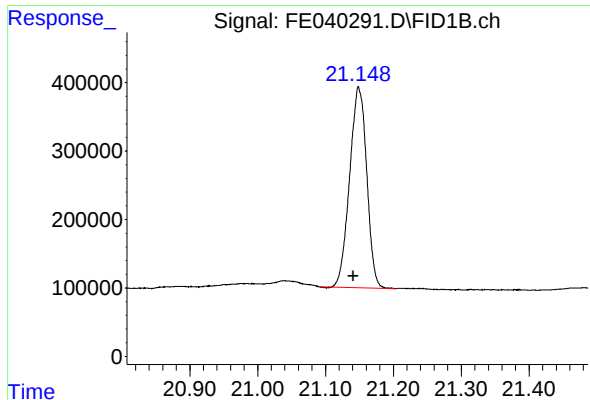
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.007 min
Response: 5468101
Conc: 39.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.416 min
Delta R.T.: 0.007 min
Response: 5267027
Conc: 39.71 ug/ml



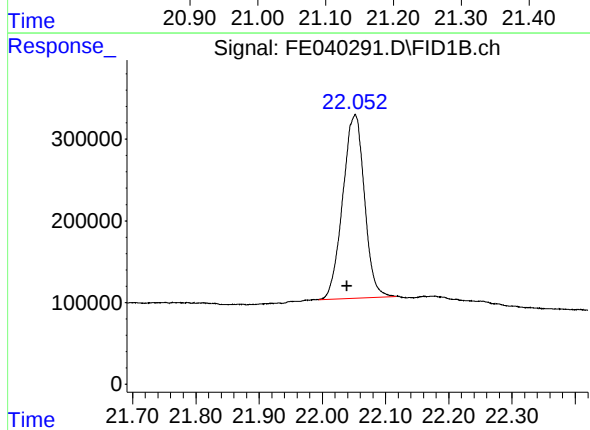
#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: 0.008 min
Response: 5127923
Conc: 39.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: 0.013 min
Response: 5359919
Conc: 40.37 ug/ml m