

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044425.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 15:55
 Operator : YP\AJ
 Sample : PB155782BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB155782BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Ankita Jodhani 09/26/2023

Integration File: autoint1.e
 Quant Time: Sep 26 00:18:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.928	7770901	41.392 ug/ml
Spiked Amount 50.000		Recovery =	82.78%
12) S 1-chlorooctadecane (S...	13.365	6104068	44.868 ug/ml
Spiked Amount 50.000		Recovery =	89.74%
Target Compounds			
1) T n-Nonane (C9)	3.327	6625144	40.807 ug/ml
2) T n-Decane (C10)	4.572	7144546	43.146 ug/ml
3) T A~Naphthalene (C11.7)	6.268	7686319	42.992 ug/ml
4) T n-Dodecane (C12)	6.730	7518818	45.204 ug/ml
5) T A~2-methylnaphthalene...	7.363	7556992	44.170 ug/ml
6) T n-Tetradecane (C14)	8.558	7492691	45.640 ug/ml
7) T n-Hexadecane (C16)	10.166	7563177	44.645 ug/ml
8) T n-Octadecane (C18)	11.612	7550819	44.472 ug/ml
10) T n-Eicosane (C20)	12.922	7535322	46.835 ug/ml
11) T n-Heneicosane (C21)	13.534	7209414	46.041 ug/ml
13) T n-Docosane (C22)	14.120	7096059	46.009 ug/ml
14) T n-Tetracosane (C24)	15.209	13457170	89.022 ug/mlm
15) T n-Hexacosane (C26)	16.249	6625397	45.041 ug/ml
16) T n-Octacosane (C28)	17.198	6573101	45.830 ug/ml
17) T n-Tricontane (C30)	18.086	6424149	43.338 ug/ml
18) T n-Dotriacontane (C32)	18.920	6279902	42.421 ug/ml
19) T n-Tetratriacontane (C34)	19.705	6307226	43.158 ug/ml
20) T n-Hexatriacontane (C36)	20.447	6161195	42.475 ug/ml
21) T n-Octatriacontane (C38)	21.190	6454602	43.091 ug/ml
22) T n-Tetracontane (C40)	22.109	6693689	42.416 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB155782BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

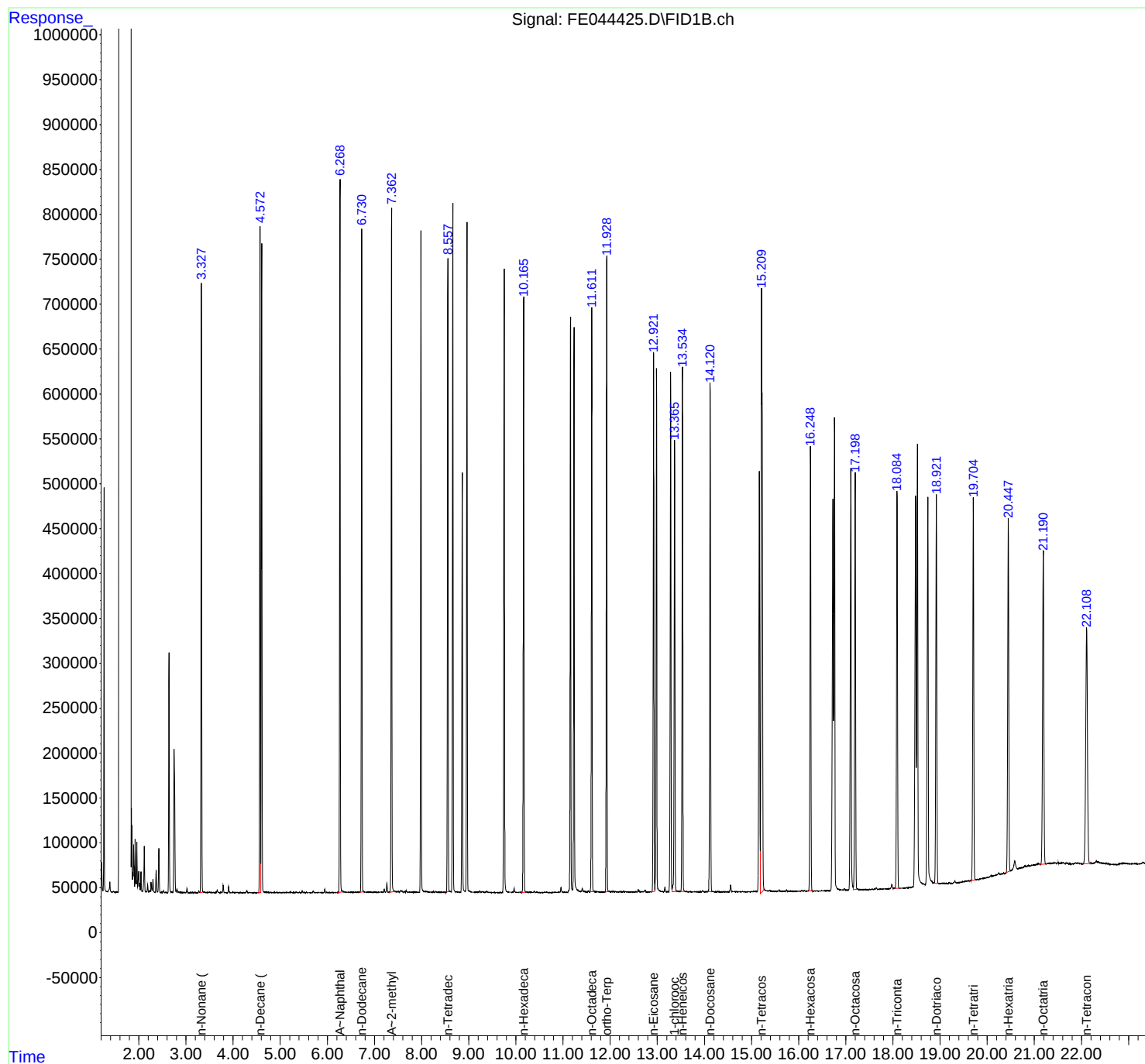
Instrument :
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PB155782BSD

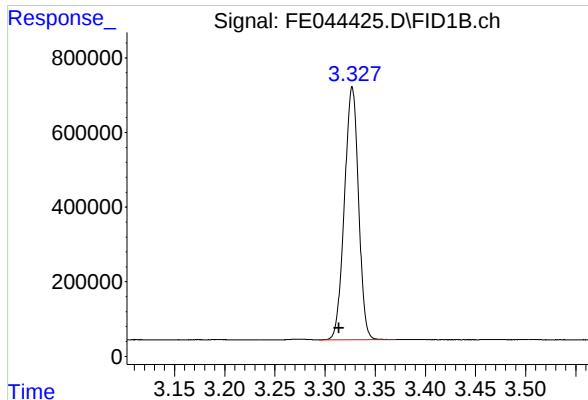
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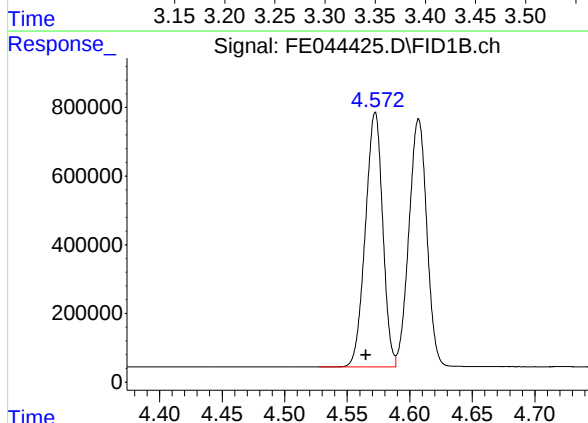
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: 0.013 min
Response: 6625144
Conc: 40.81 ug/ml

Instrument :
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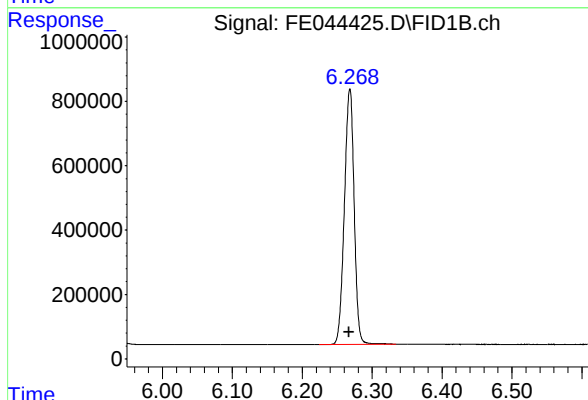
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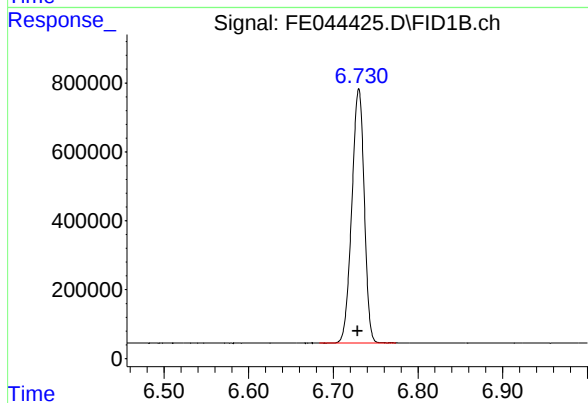
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.007 min
Response: 7144546
Conc: 43.15 ug/ml



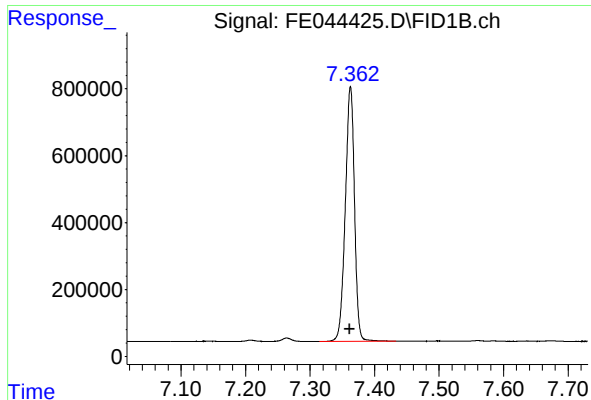
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.002 min
Response: 7686319
Conc: 42.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: 0.001 min
Response: 7518818
Conc: 45.20 ug/ml



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

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 7556992
Conc: 44.17 ug/ml

Instrument :

FID_E

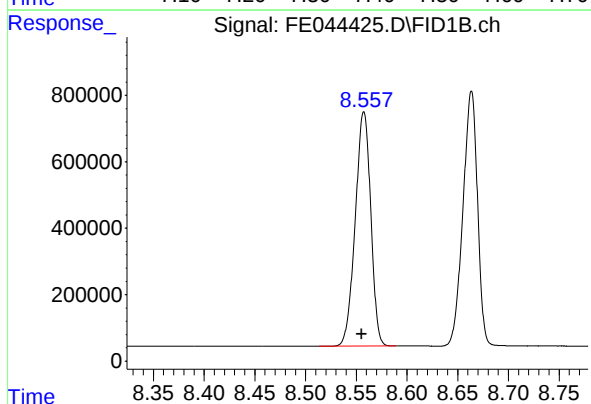
ClientSampleId :

PB155782BSD

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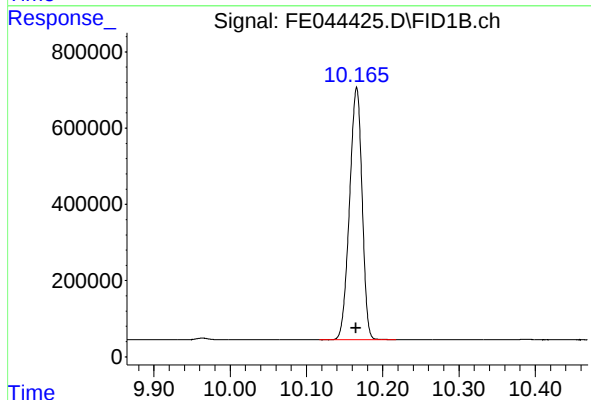
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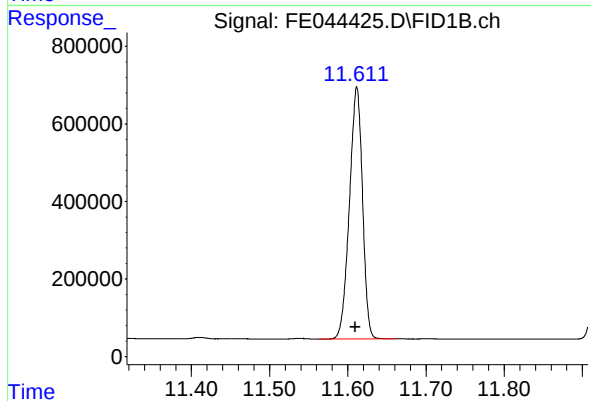
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.002 min
Response: 7492691
Conc: 45.64 ug/ml



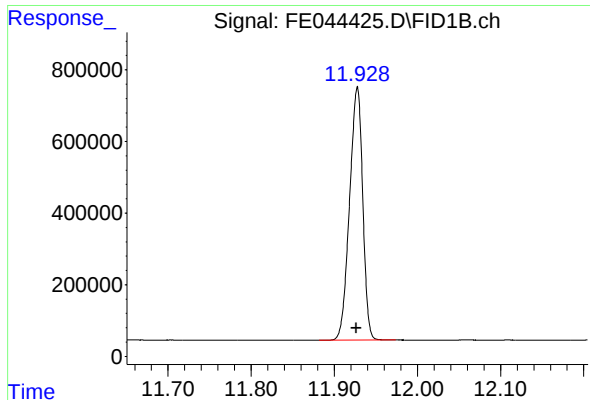
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: 0.001 min
Response: 7563177
Conc: 44.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.002 min
Response: 7550819
Conc: 44.47 ug/ml



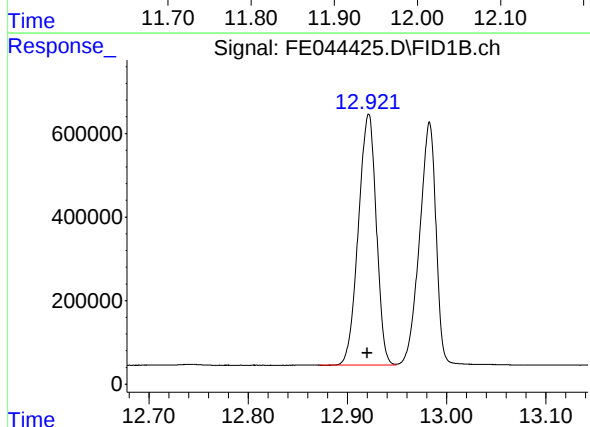
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.002 min
Response: 7770901
Conc: 41.39 ug/ml

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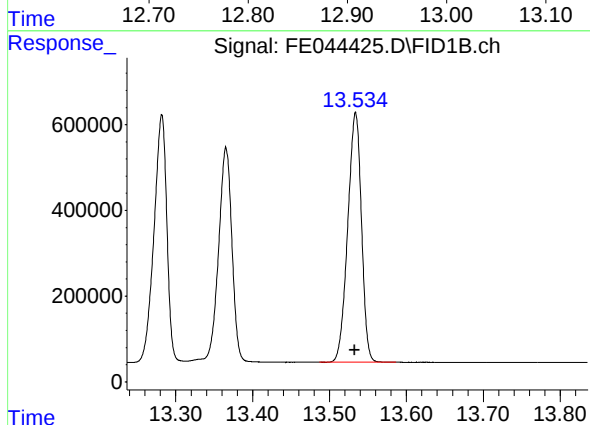
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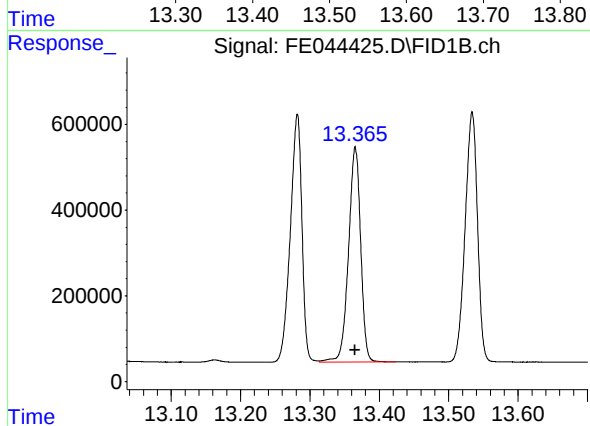
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.001 min
Response: 7535322
Conc: 46.84 ug/ml



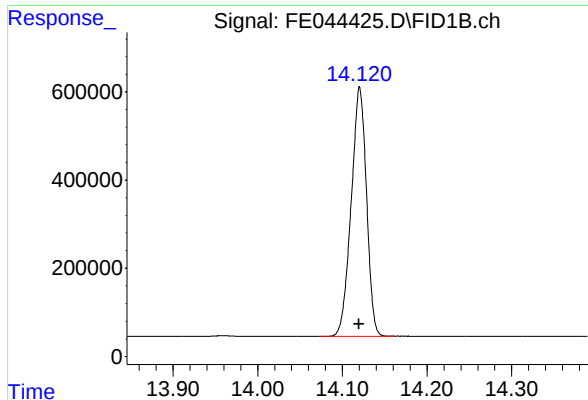
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.001 min
Response: 7209414
Conc: 46.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 6104068
Conc: 44.87 ug/ml



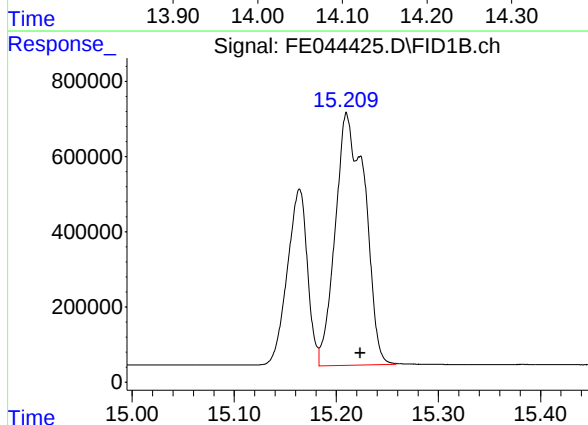
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 7096059
Conc: 46.01 ug/ml

Instrument :
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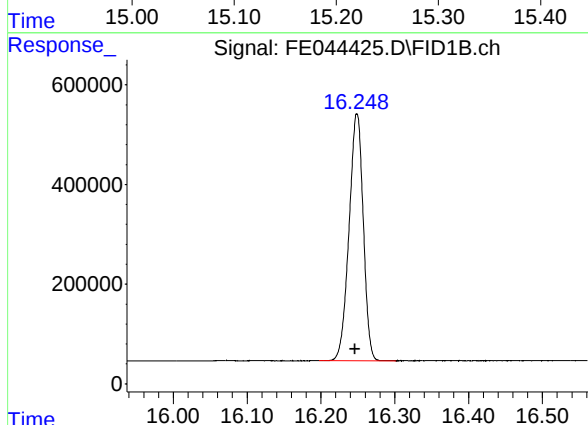
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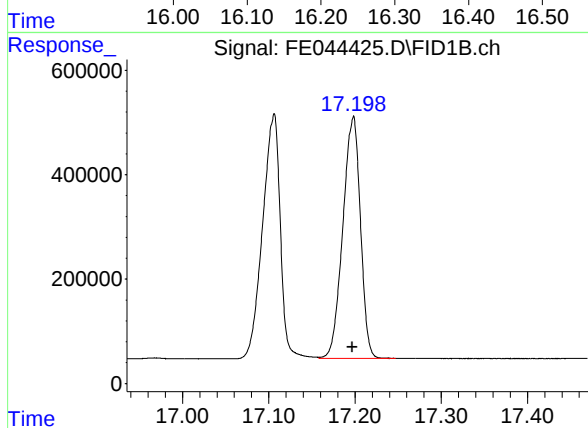
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.014 min
Response: 13457170
Conc: 89.02 ug/ml m



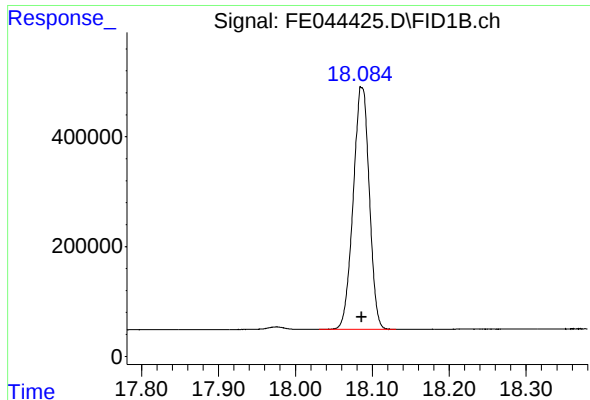
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.003 min
Response: 6625397
Conc: 45.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: 0.001 min
Response: 6573101
Conc: 45.83 ug/ml



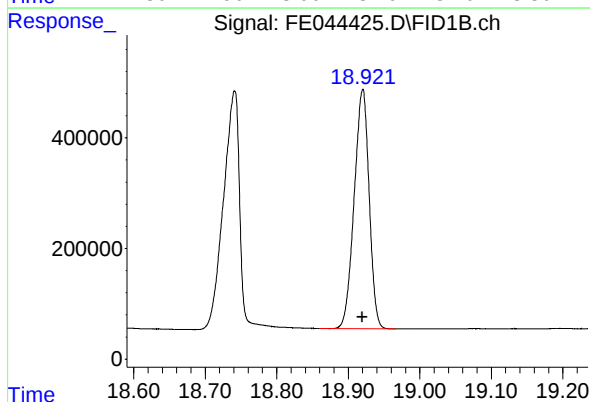
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 6424149
Conc: 43.34 ug/ml

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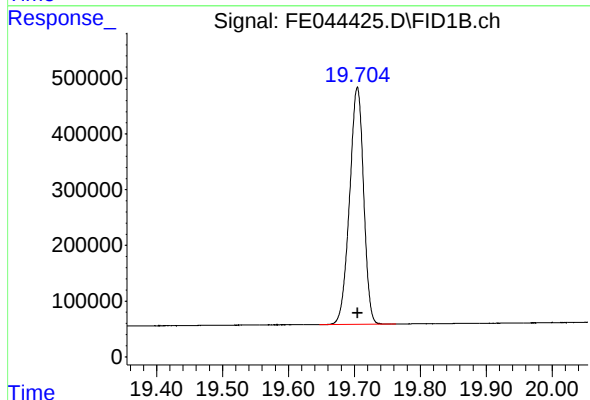
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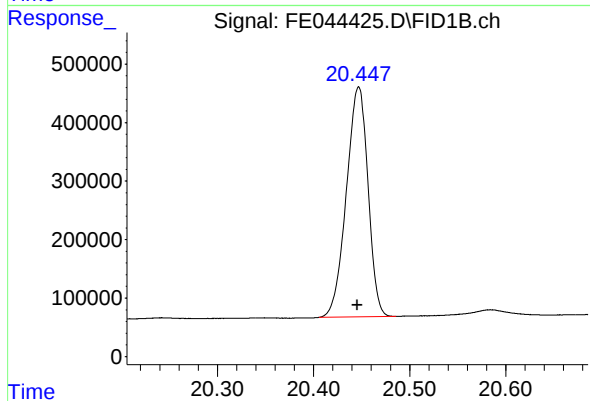
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 6279902
Conc: 42.42 ug/ml



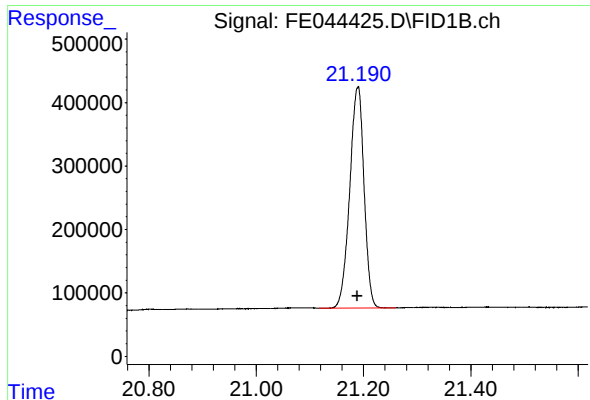
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.000 min
Response: 6307226
Conc: 43.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 6161195
Conc: 42.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: 0.001 min
Response: 6454602
Conc: 43.09 ug/ml

Instrument :

FID_E

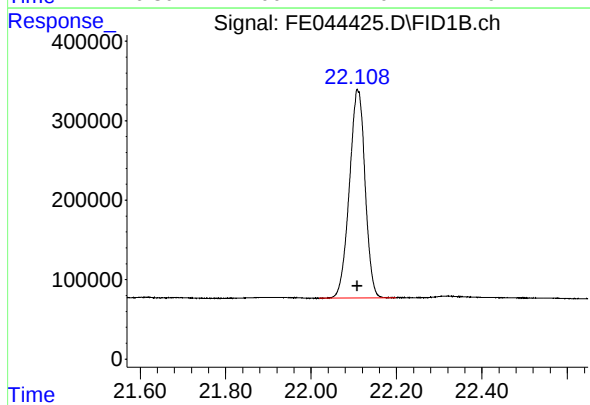
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#22 n-Tetracontane (C40)

R.T.: 22.109 min
Delta R.T.: 0.000 min
Response: 6693689
Conc: 42.42 ug/ml