

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022224AL\
 Data File : FE046906.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 16:59
 Operator : YP\AJ
 Sample : PB159208BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB159208BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: sample.E
 Quant Time: Feb 23 00:34:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.794	6212161	37.810 ug/ml
Spiked Amount 50.000		Recovery =	75.62%
12) S 1-chlorooctadecane (S...	13.236	5771893	46.888 ug/ml
Spiked Amount 50.000		Recovery =	93.78%
Target Compounds			
1) T n-Nonane (C9)	3.201	6283644	41.206 ug/ml
2) T n-Decane (C10)	4.444	6694258	43.222 ug/ml
3) T A~Naphthalene (C11.7)	6.142	8118737	51.547 ug/ml
4) T n-Dodecane (C12)	6.606	7747648	49.829 ug/ml
5) T A~2-methylnaphthalene...	7.238	8045753	56.108 ug/ml
6) T n-Tetradecane (C14)	8.432	8009290	51.941 ug/ml
7) T n-Hexadecane (C16)	10.039	7885674	49.700 ug/ml
8) T n-Octadecane (C18)	11.482	7894642	49.522 ug/ml
10) T n-Eicosane (C20)	12.793	7823538	51.686 ug/ml
11) T n-Heneicosane (C21)	13.404	7513683	50.740 ug/ml
13) T n-Docosane (C22)	13.990	7328039	50.367 ug/ml
14) T n-Tetracosane (C24)	15.094	16710839	117.009 ug/ml
15) T n-Hexacosane (C26)	16.116	7032266	50.324 ug/ml
16) T n-Octacosane (C28)	17.064	9129751	67.013 ug/mlm
17) T n-Tricontane (C30)	17.954	6945838	49.785 ug/ml
18) T n-Dotriacontane (C32)	18.784	7665219	55.706 ug/mlm
19) T n-Tetratriacontane (C34)	19.570	6519415	48.531 ug/ml
20) T n-Hexatriacontane (C36)	20.312	6245889	46.904 ug/ml
21) T n-Octatriacontane (C38)	21.034	6340585	46.018 ug/ml
22) T n-Tetracontane (C40)	21.912	6528434	46.271 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB159208BSD
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ALS Vial : 8 Sample Multiplier: 1

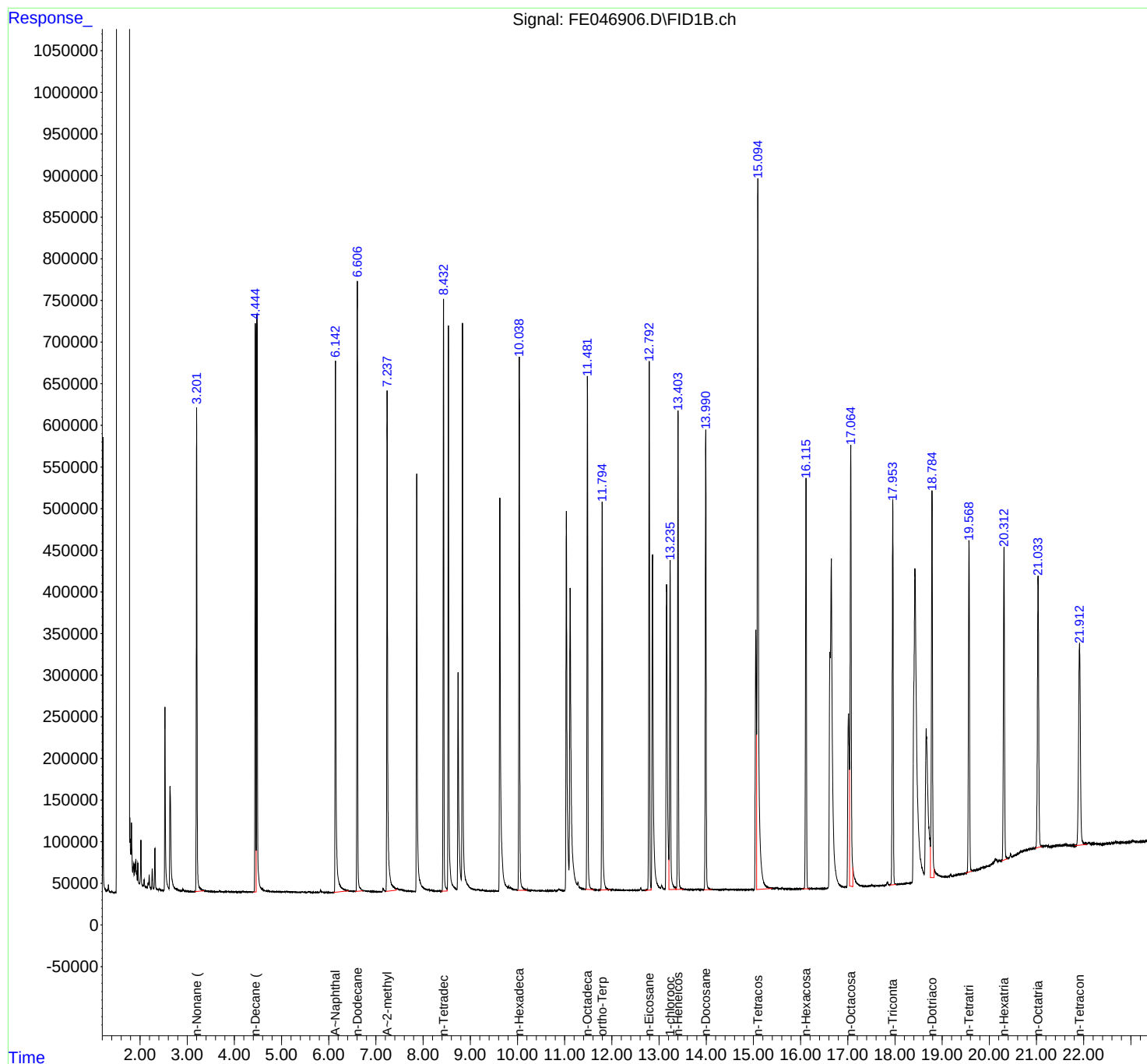
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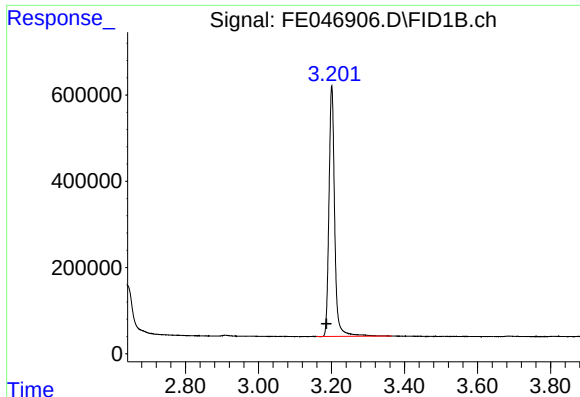
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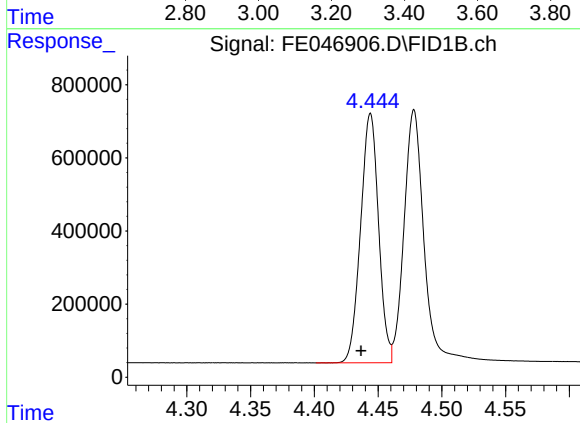
#1 n-Nonane (C9)

R.T.: 3.201 min
Delta R.T.: 0.015 min
Response: 6283644
Conc: 41.21 ug/ml

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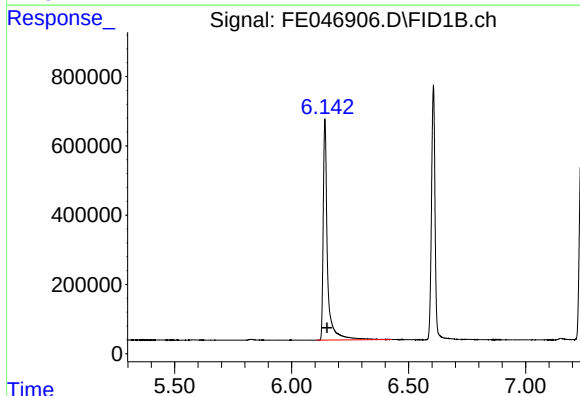
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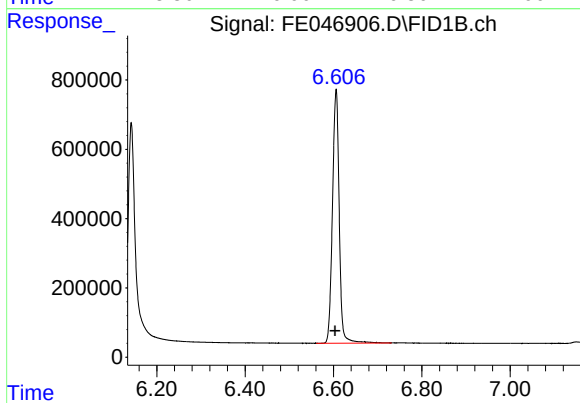
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: 0.007 min
Response: 6694258
Conc: 43.22 ug/ml



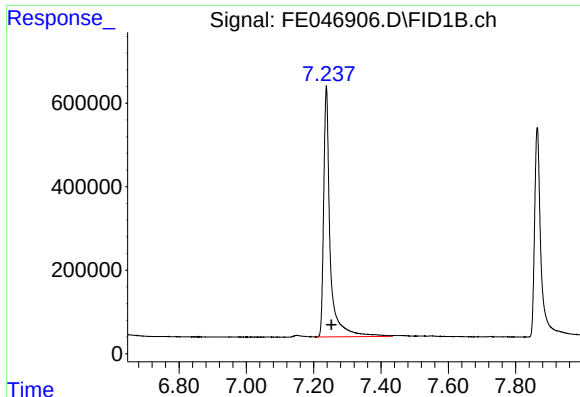
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.009 min
Response: 8118737
Conc: 51.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 7747648
Conc: 49.83 ug/ml



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

R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 8045753
Conc: 56.11 ug/ml

Instrument :

FID_E

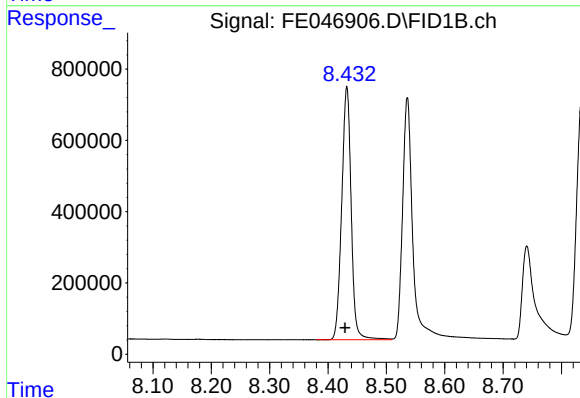
ClientSampleId :

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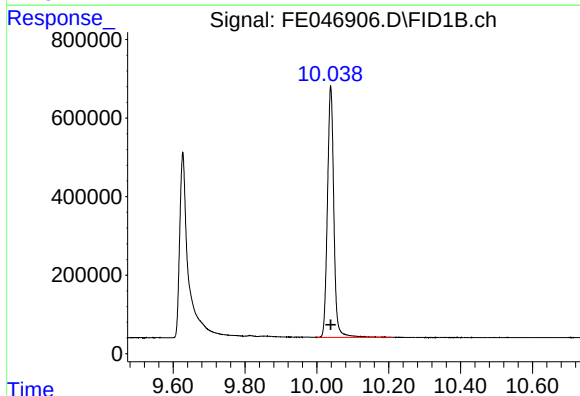
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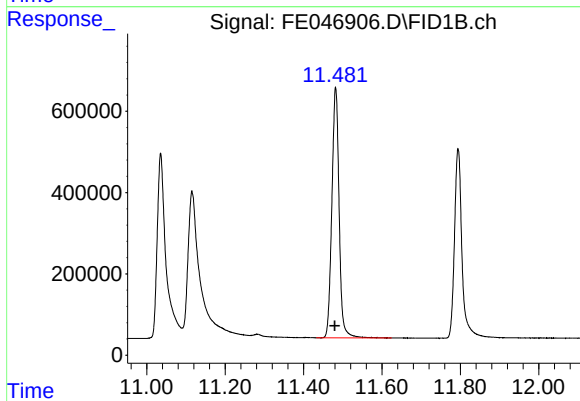
#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: 0.003 min
Response: 8009290
Conc: 51.94 ug/ml



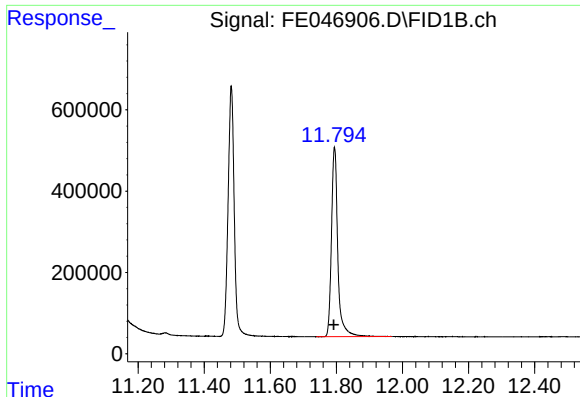
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: 0.000 min
Response: 7885674
Conc: 49.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.002 min
Response: 7894642
Conc: 49.52 ug/ml



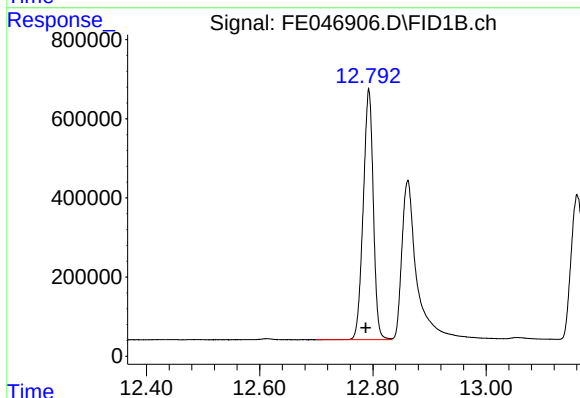
#9 ortho-Terphenyl (SURR)

R.T.: 11.794 min
Delta R.T.: 0.002 min
Response: 6212161
Conc: 37.81 ug/ml

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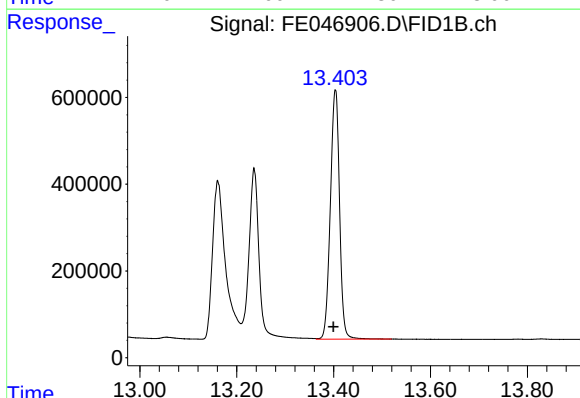
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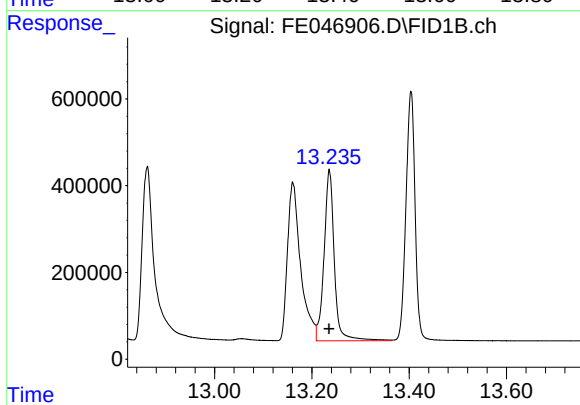
#10 n-Eicosane (C20)

R.T.: 12.793 min
Delta R.T.: 0.005 min
Response: 7823538
Conc: 51.69 ug/ml



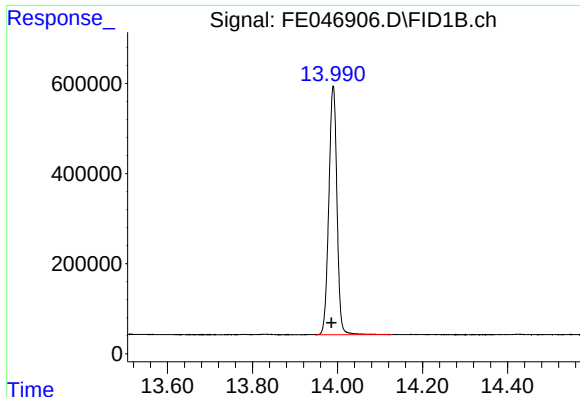
#11 n-Heneicosane (C21)

R.T.: 13.404 min
Delta R.T.: 0.004 min
Response: 7513683
Conc: 50.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.236 min
Delta R.T.: 0.000 min
Response: 5771893
Conc: 46.89 ug/ml



#13 n-Docosane (C22)

R.T.: 13.990 min
Delta R.T.: 0.004 min
Response: 7328039
Conc: 50.37 ug/ml

Instrument :

FID_E

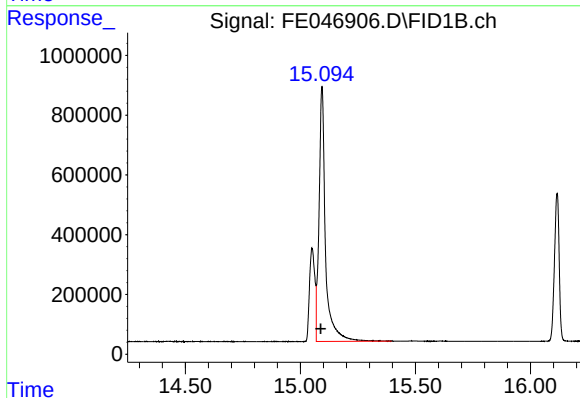
ClientSampleId :

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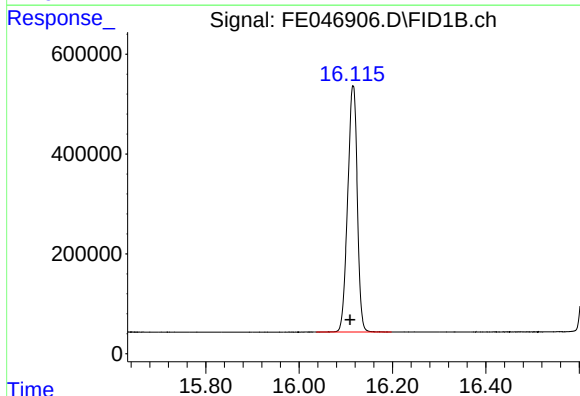
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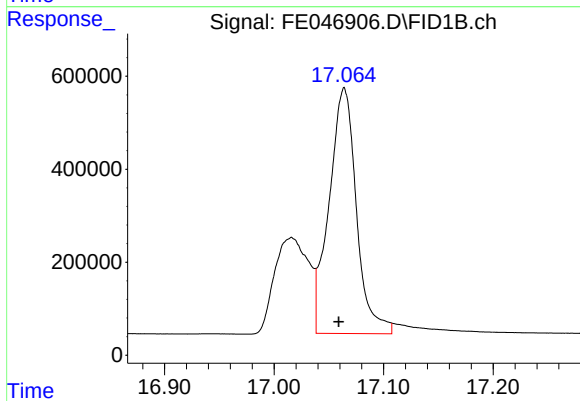
#14 n-Tetracosane (C24)

R.T.: 15.094 min
Delta R.T.: 0.005 min
Response: 16710839
Conc: 117.01 ug/ml



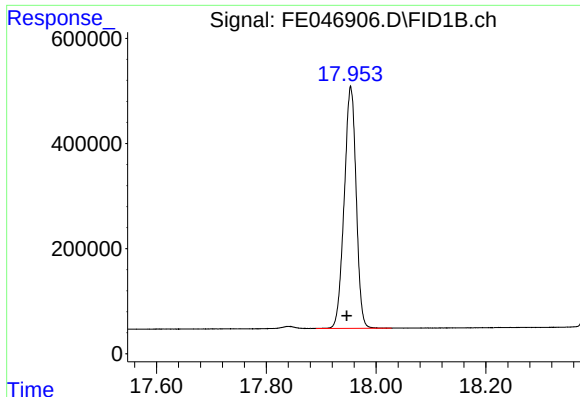
#15 n-Hexacosane (C26)

R.T.: 16.116 min
Delta R.T.: 0.007 min
Response: 7032266
Conc: 50.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.064 min
Delta R.T.: 0.005 min
Response: 9129751
Conc: 67.01 ug/ml m



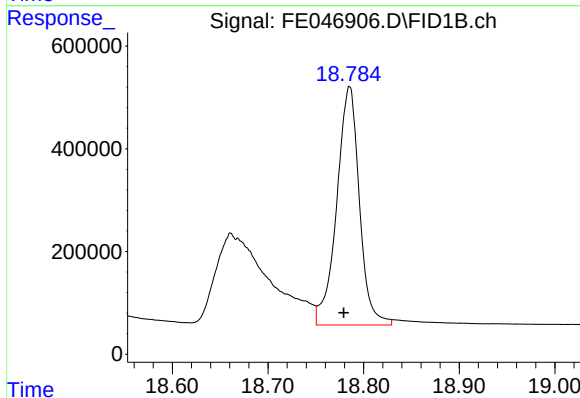
#17 n-Tricontane (C30)

R.T.: 17.954 min
Delta R.T.: 0.007 min
Response: 6945838
Conc: 49.78 ug/ml

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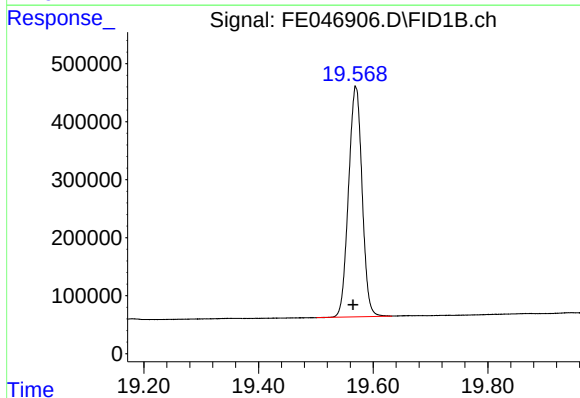
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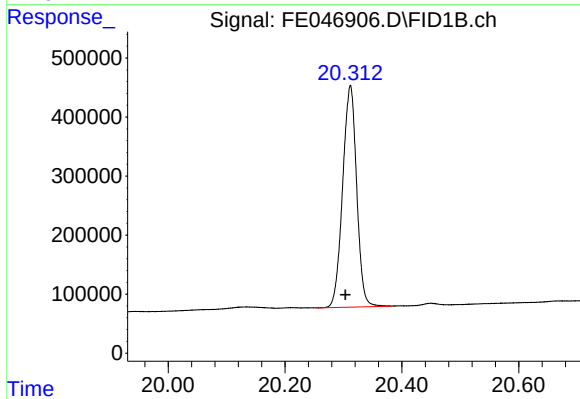
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: 0.005 min
Response: 7665219
Conc: 55.71 ug/ml m



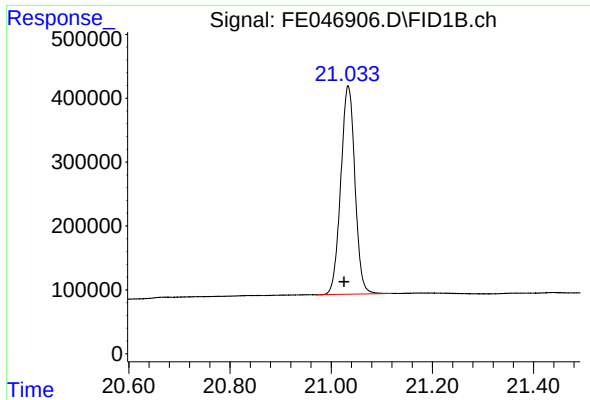
#19 n-Tetratriacontane (C34)

R.T.: 19.570 min
Delta R.T.: 0.005 min
Response: 6519415
Conc: 48.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.312 min
Delta R.T.: 0.009 min
Response: 6245889
Conc: 46.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.034 min
Delta R.T.: 0.008 min
Response: 6340585
Conc: 46.02 ug/ml

Instrument :

FID_E

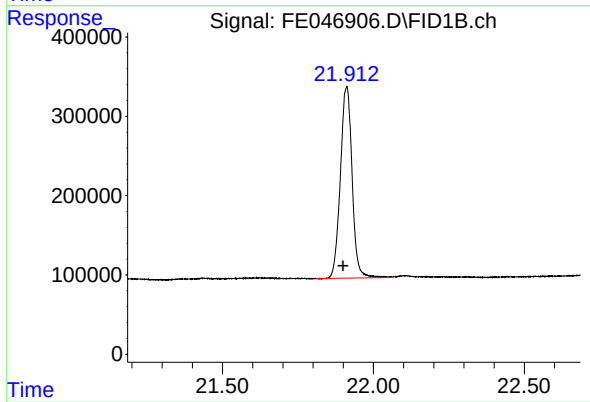
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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: 0.012 min
Response: 6528434
Conc: 46.27 ug/ml