

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082224AL\
 Data File : FE049704.D
 Signal(s) : FID1B.ch
 Acq On : 22 Aug 2024 16:22
 Operator : YP\AJ
 Sample : PB162915BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162915BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :Ankita Jodhani 08/23/2024

Integration File: autoint1.e

Quant Time: Aug 23 01:30:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.888	7195061	44.493 ug/ml
Spiked Amount 50.000		Recovery =	88.99%
12) S 1-chlorooctadecane (S...	13.321	5559398	45.566 ug/ml
Spiked Amount 50.000		Recovery =	91.13%
Target Compounds			
1) T n-Nonane (C9)	3.285	6580485	42.522 ug/ml
2) T n-Decane (C10)	4.531	6988372	44.261 ug/ml
3) T A~Naphthalene (C11.7)	6.234	7162089	44.636 ug/ml
4) T n-Dodecane (C12)	6.694	7193843	45.760 ug/ml
5) T A~2-methylnaphthalene...	7.329	6878172	45.930 ug/ml
6) T n-Tetradecane (C14)	8.522	7163509	46.402 ug/ml
7) T n-Hexadecane (C16)	10.127	7017531	44.932 ug/ml
8) T n-Octadecane (C18)	11.569	7070571	45.020 ug/ml
10) T n-Eicosane (C20)	12.878	7037212	47.133 ug/ml
11) T n-Heneicosane (C21)	13.488	6842170	46.642 ug/ml
13) T n-Docosane (C22)	14.074	6747430	46.294 ug/ml
14) T n-Tetracosane (C24)	15.171	12283613	84.443 ug/ml
15) T n-Hexacosane (C26)	16.196	6633937	45.965 ug/ml
16) T n-Octacosane (C28)	17.144	7239176	50.258 ug/ml
17) T n-Tricontane (C30)	18.031	6792168	45.371 ug/ml
18) T n-Dotriacontane (C32)	18.862	6911131	45.684 ug/mlm
19) T n-Tetratriacontane (C34)	19.644	7178183	46.953 ug/ml
20) T n-Hexatriacontane (C36)	20.384	7332497	48.287 ug/ml
21) T n-Octatriacontane (C38)	21.112	7610423	48.489 ug/ml
22) T n-Tetracontane (C40)	22.008	7407837	48.519 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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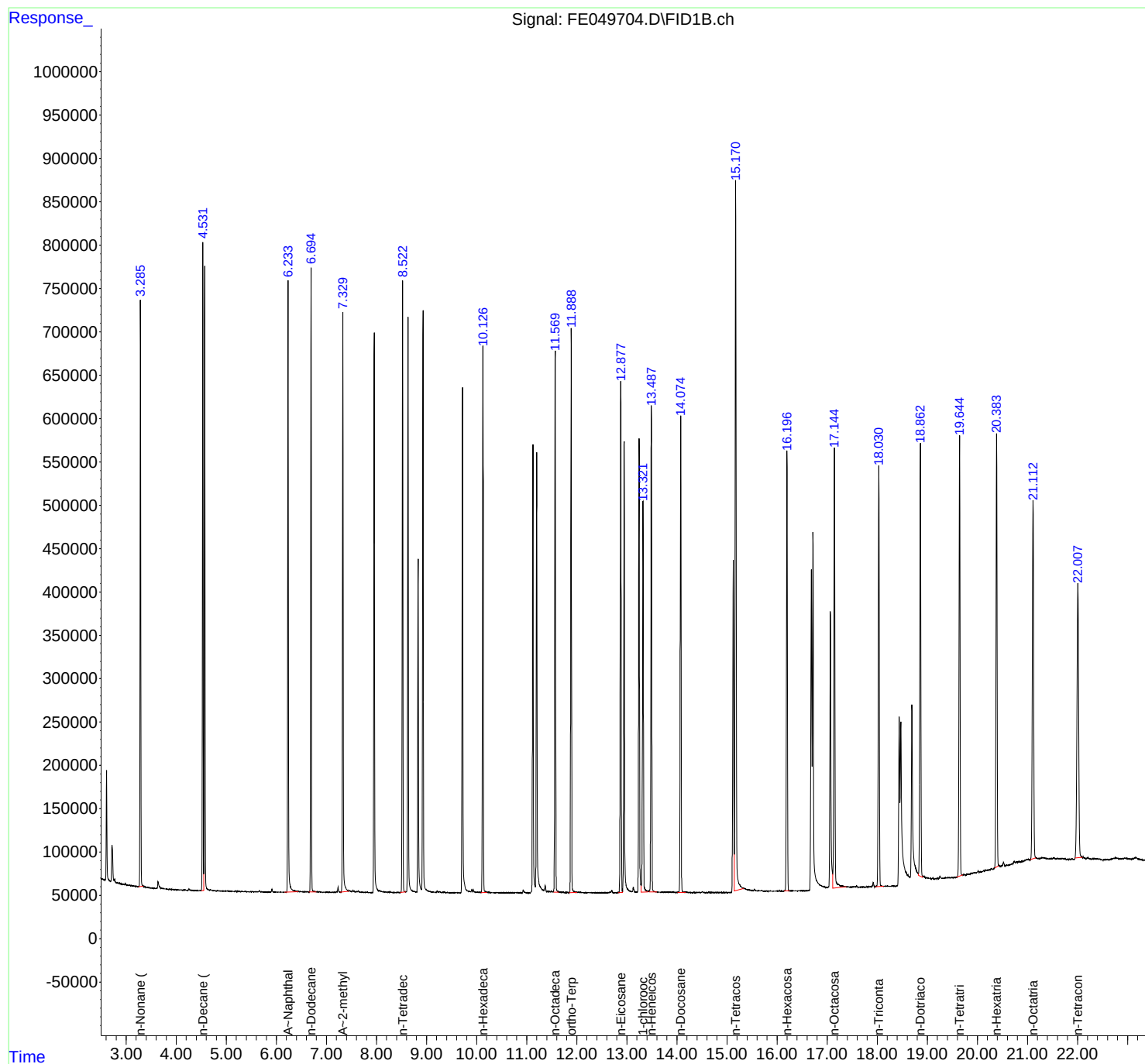
Response via : Initial Calibration

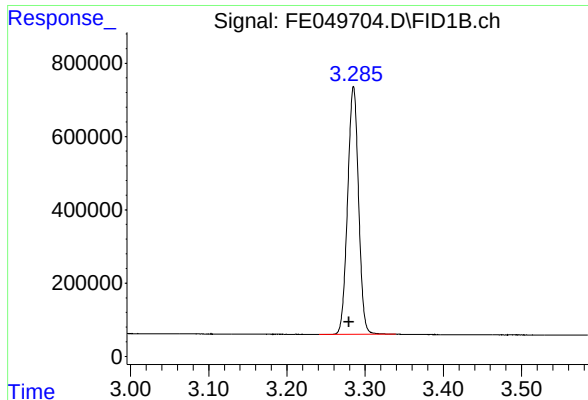
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.006 min
Response: 6580485
Conc: 42.52 ug/ml

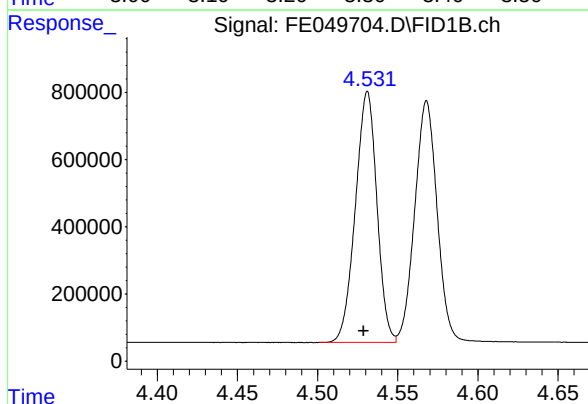
Instrument :

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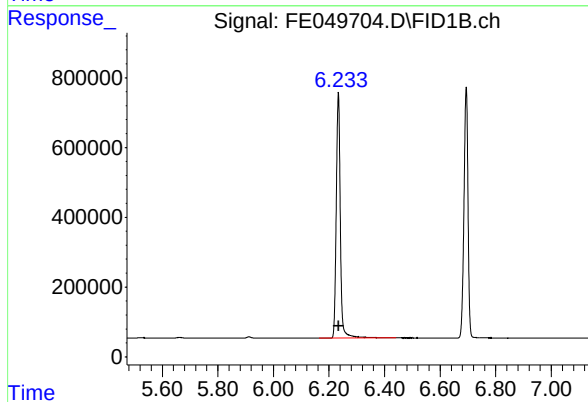
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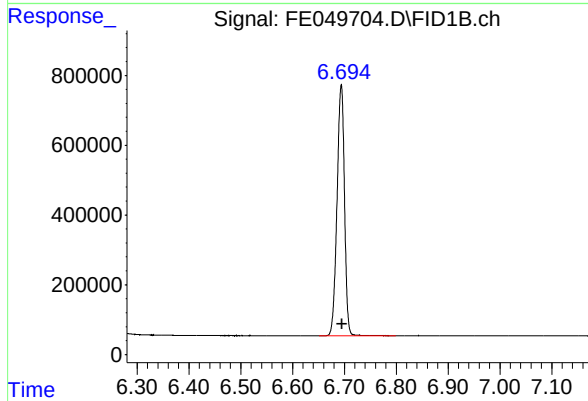
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 6988372
Conc: 44.26 ug/ml



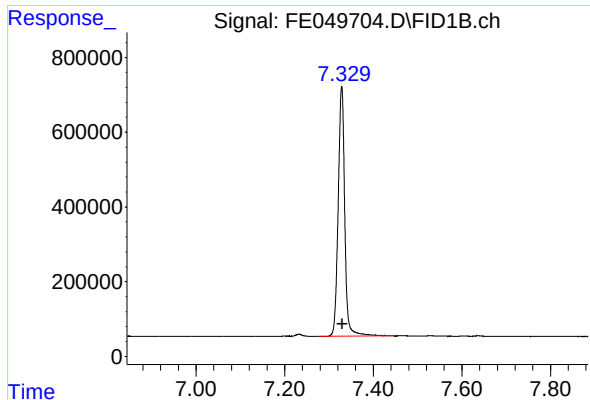
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.001 min
Response: 7162089
Conc: 44.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 7193843
Conc: 45.76 ug/ml



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

R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 6878172
Conc: 45.93 ug/ml

Instrument :

FID_E

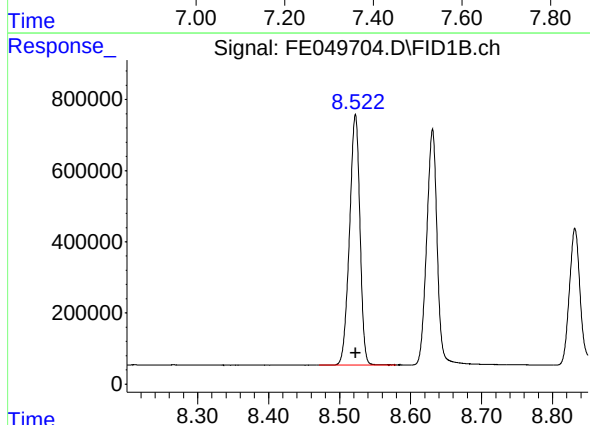
ClientSampleId :

PB162915BS

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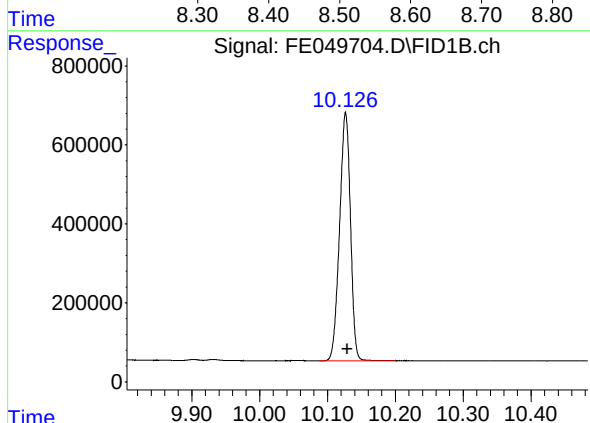
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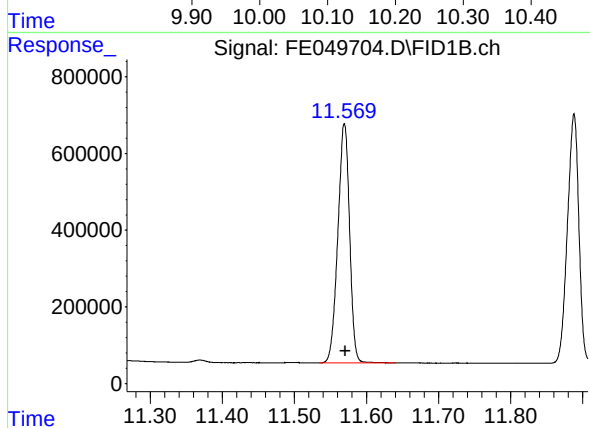
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 7163509
Conc: 46.40 ug/ml



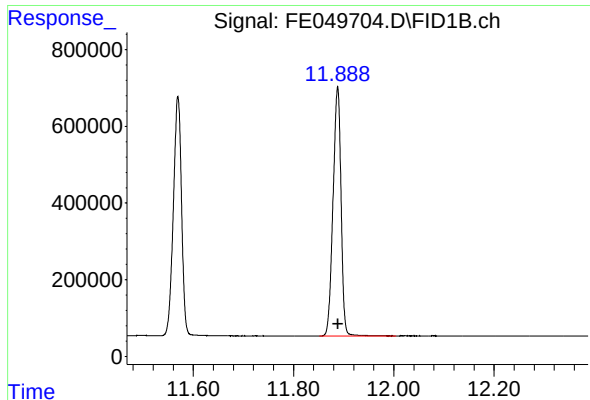
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.002 min
Response: 7017531
Conc: 44.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: -0.001 min
Response: 7070571
Conc: 45.02 ug/ml



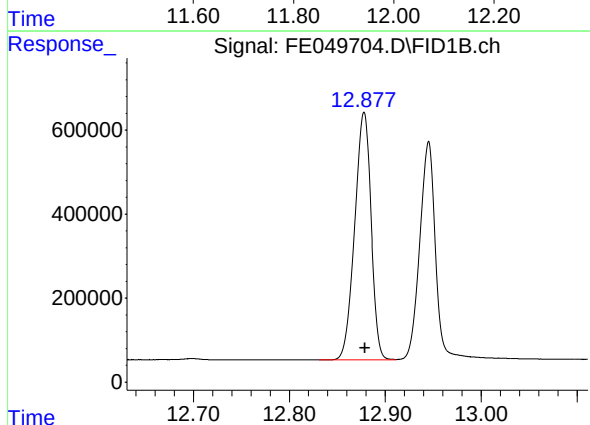
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 7195061
Conc: 44.49 ug/ml

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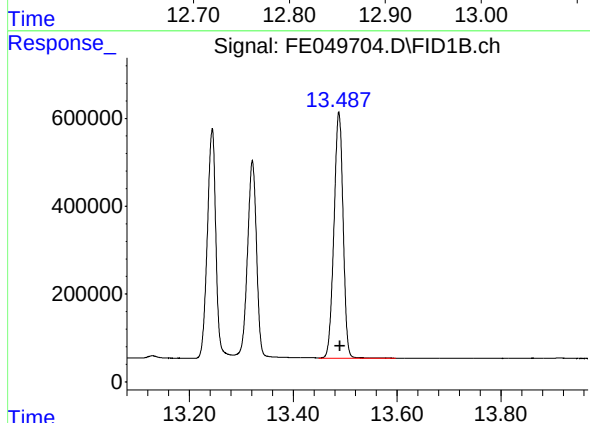
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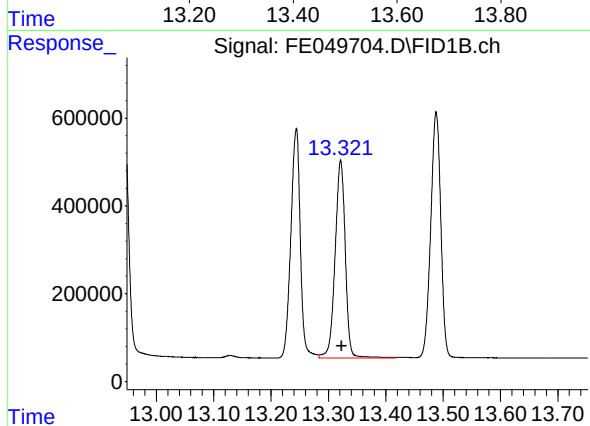
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.001 min
Response: 7037212
Conc: 47.13 ug/ml



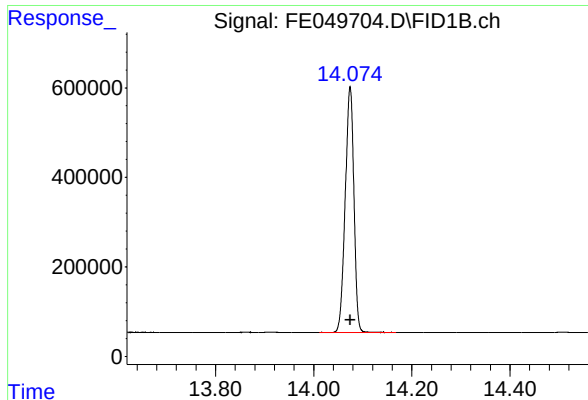
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.002 min
Response: 6842170
Conc: 46.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: -0.002 min
Response: 5559398
Conc: 45.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: -0.001 min
Response: 6747430
Conc: 46.29 ug/ml

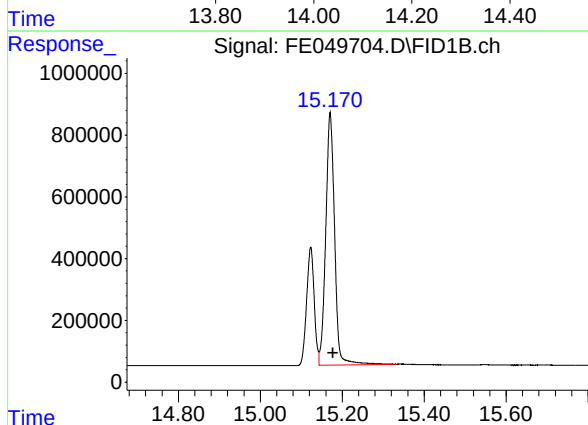
Instrument :

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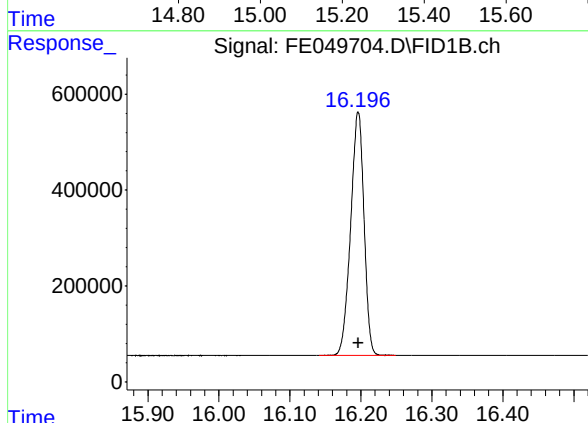
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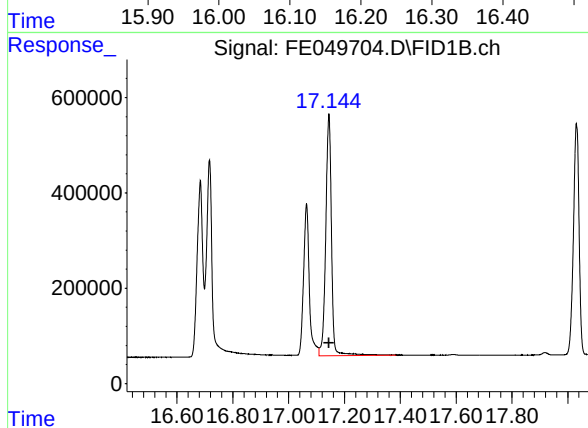
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.006 min
Response: 12283613
Conc: 84.44 ug/ml



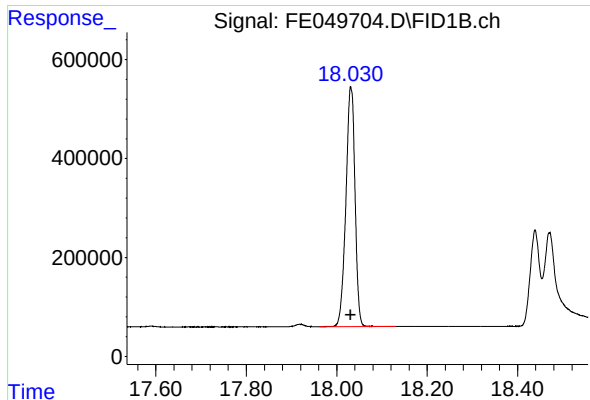
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 6633937
Conc: 45.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.000 min
Response: 7239176
Conc: 50.26 ug/ml



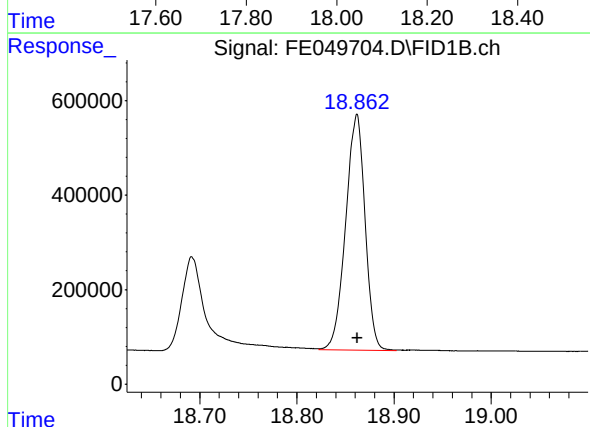
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 6792168
Conc: 45.37 ug/ml

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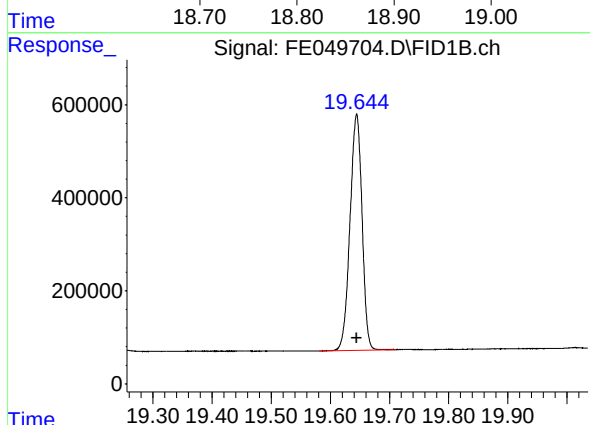
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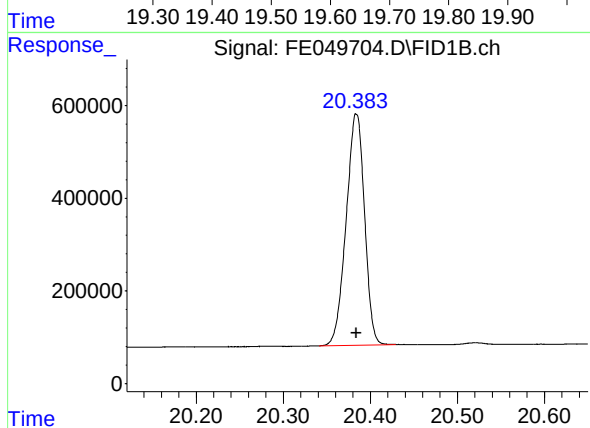
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 6911131
Conc: 45.68 ug/ml



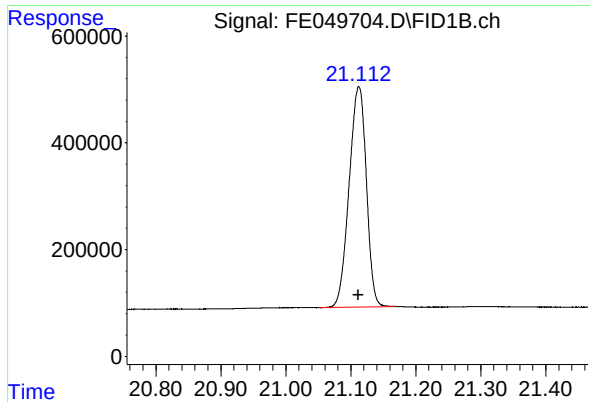
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 7178183
Conc: 46.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 7332497
Conc: 48.29 ug/ml



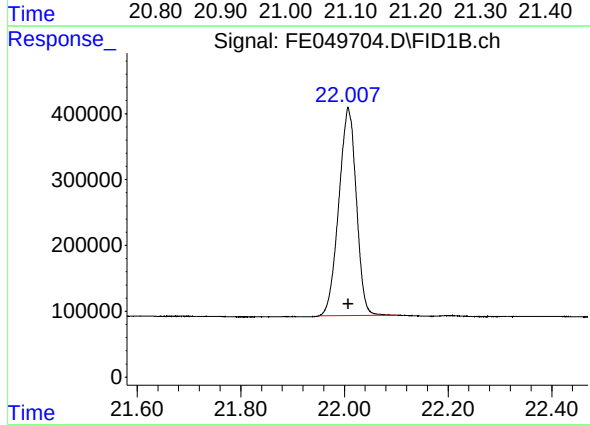
#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 7610423
Conc: 48.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.000 min
Response: 7407837
Conc: 48.52 ug/ml