

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032723AL\
 Data File : FE041034.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2023 17:26
 Operator : YP\AJ
 Sample : 02082-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-224MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/28/2023

Supervised By :Ankita Jodhani 03/28/2023

Integration File: autoint1.e

Quant Time: Mar 28 03:24:26 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.871	4322916	23.002 ug/ml
Spiked Amount 50.000		Recovery =	46.00%
12) S 1-chlorooctadecane (S...	13.310	3579112	24.876 ug/ml
Spiked Amount 50.000		Recovery =	49.75%
Target Compounds			
1) T n-Nonane (C9)	3.267	3759624	21.668 ug/ml
2) T n-Decane (C10)	4.515	4215284	24.764 ug/ml
3) T A~Naphthalene (C11.7)	6.217	4696863	25.679 ug/ml
4) T n-Dodecane (C12)	6.678	4716800	27.192 ug/ml
5) T A~2-methylnaphthalene...	7.312	4619442	27.893 ug/ml
6) T n-Tetradecane (C14)	8.506	4994502	28.644 ug/ml
7) T n-Hexadecane (C16)	10.112	5498044	30.913 ug/ml
8) T n-Octadecane (C18)	11.556	5586501	31.288 ug/ml
10) T n-Eicosane (C20)	12.866	5533029	32.438 ug/ml
11) T n-Heneicosane (C21)	13.478	5257564	31.076 ug/ml
13) T n-Docosane (C22)	14.064	5187016	31.344 ug/ml
14) T n-Tetracosane (C24)	15.163	9651143	59.654 ug/ml
15) T n-Hexacosane (C26)	16.192	4899974	31.610 ug/ml
16) T n-Octacosane (C28)	17.142	4981236	32.519 ug/ml
17) T n-Tricontane (C30)	18.033	5028763	32.899 ug/ml
18) T n-Dotriacontane (C32)	18.867	5067952	32.460 ug/ml
19) T n-Tetratriacontane (C34)	19.652	4857103	31.343 ug/ml
20) T n-Hexatriacontane (C36)	20.394	4857315	31.977 ug/mlm
21) T n-Octatriacontane (C38)	21.129	5146620	32.945 ug/ml
22) T n-Tetracontane (C40)	22.025	5635033	35.306 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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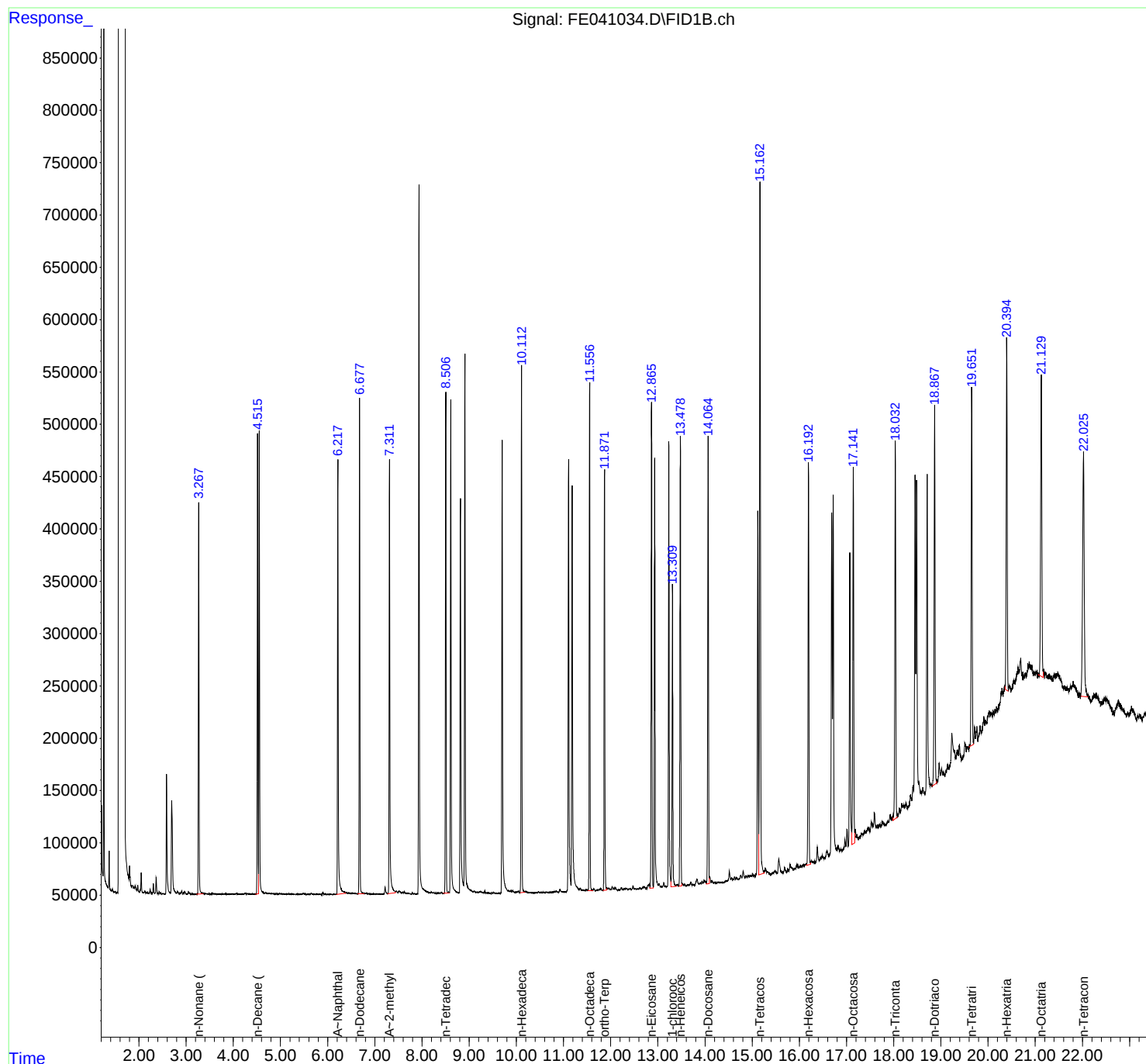
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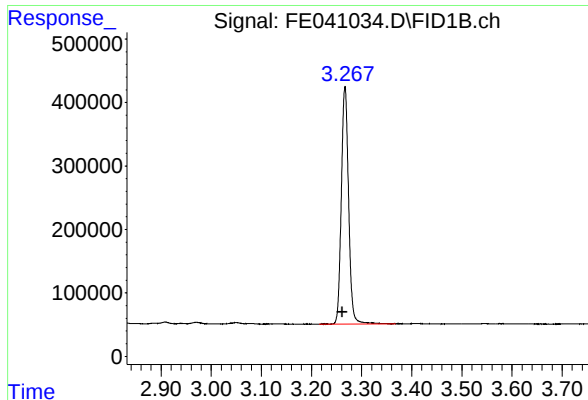
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.005 min
Response: 3759624
Conc: 21.67 ug/ml

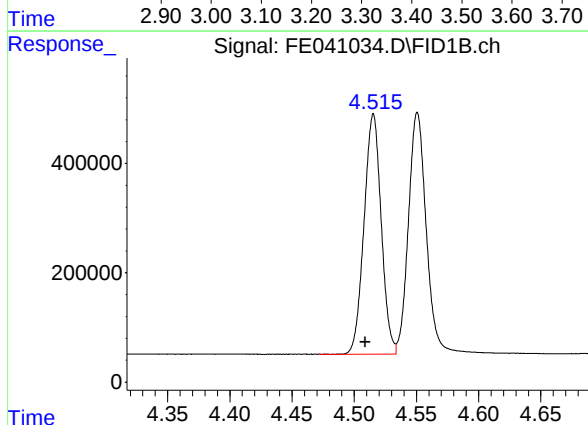
Instrument :

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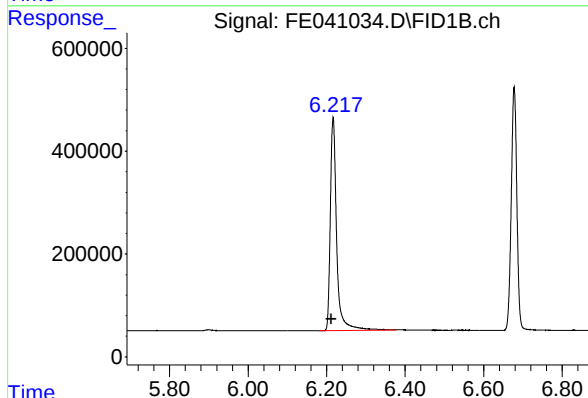
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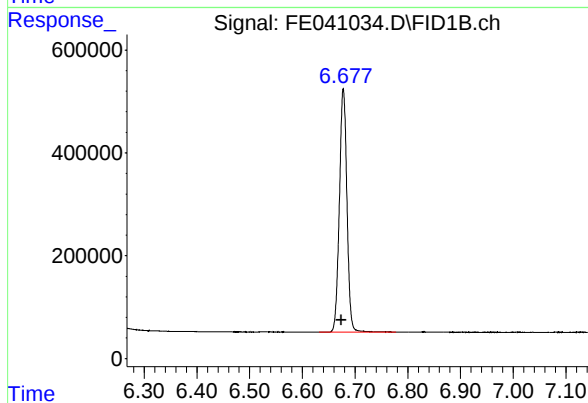
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.007 min
Response: 4215284
Conc: 24.76 ug/ml



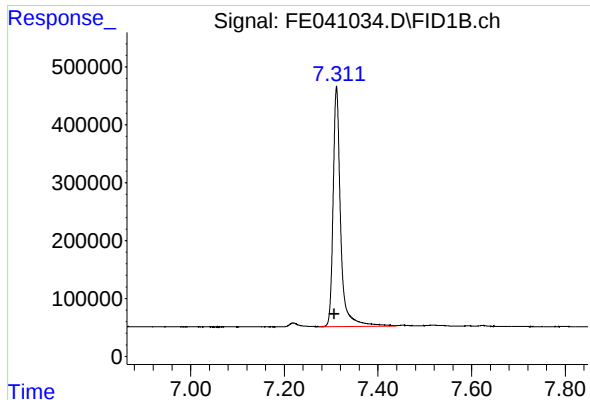
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.005 min
Response: 4696863
Conc: 25.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 4716800
Conc: 27.19 ug/ml



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

R.T.: 7.312 min
Delta R.T.: 0.004 min
Response: 4619442
Conc: 27.89 ug/ml

Instrument :

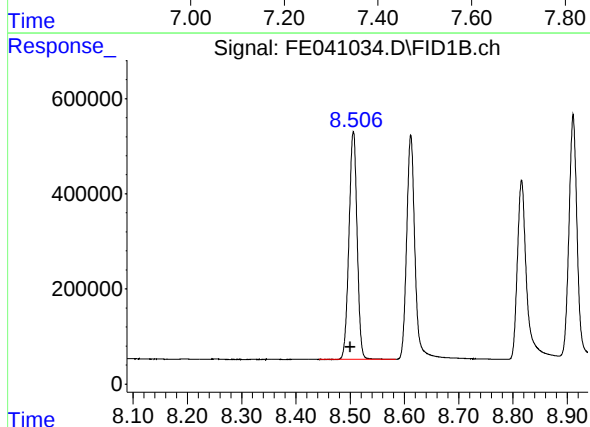
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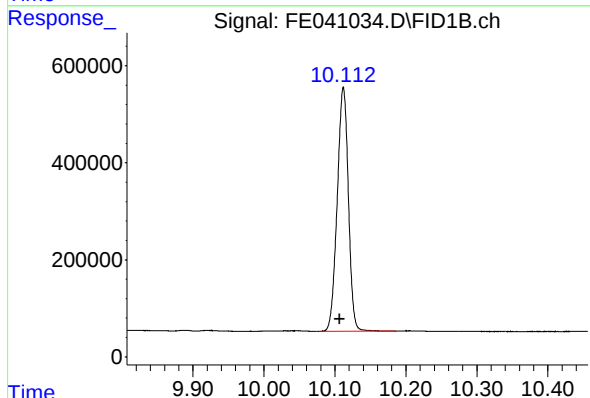
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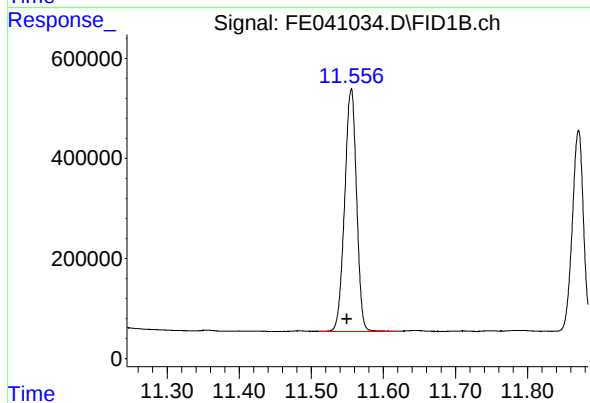
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: 0.006 min
Response: 4994502
Conc: 28.64 ug/ml



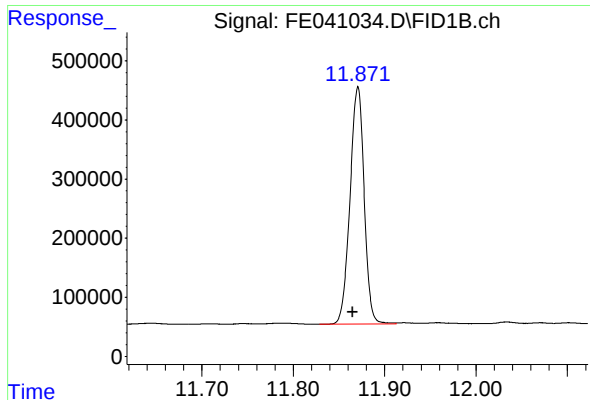
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: 0.005 min
Response: 5498044
Conc: 30.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: 0.006 min
Response: 5586501
Conc: 31.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.006 min
Response: 4322916
Conc: 23.00 ug/ml

Instrument :

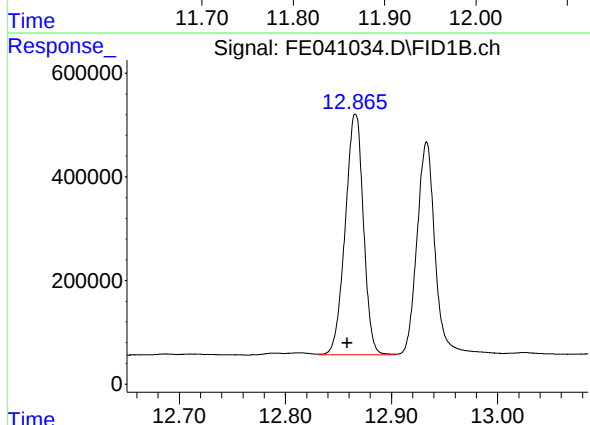
FID_E

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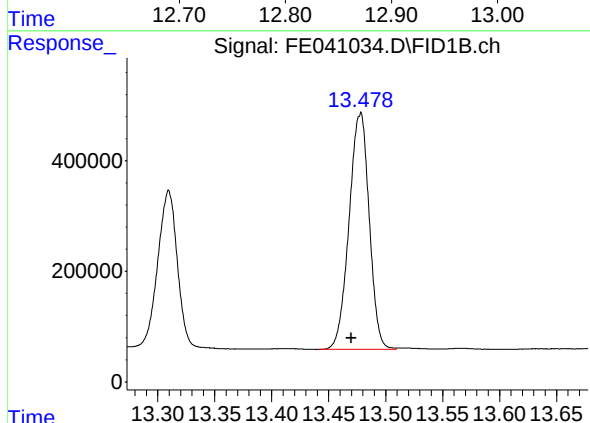
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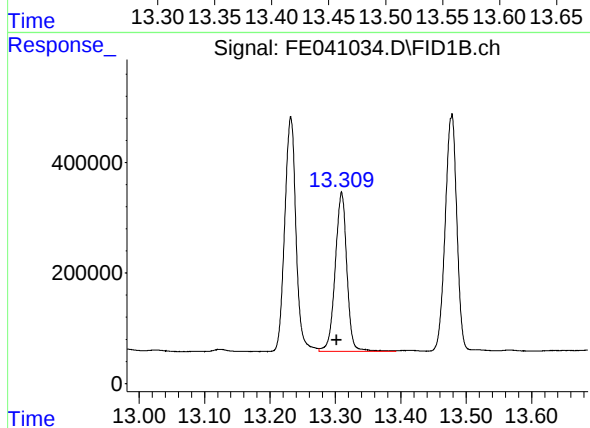
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: 0.008 min
Response: 5533029
Conc: 32.44 ug/ml



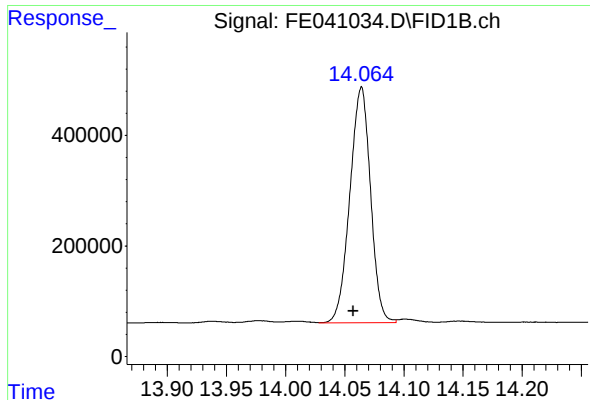
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.008 min
Response: 5257564
Conc: 31.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.008 min
Response: 3579112
Conc: 24.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.007 min
Response: 5187016
Conc: 31.34 ug/ml

Instrument :

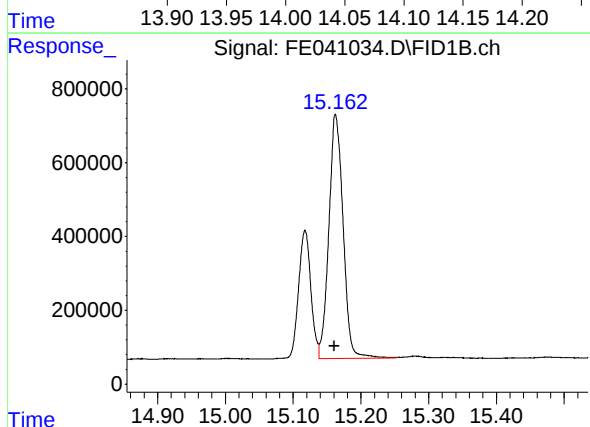
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ClientSampleId :

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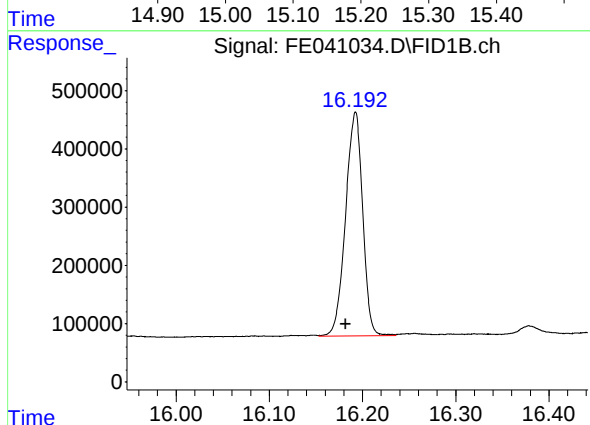
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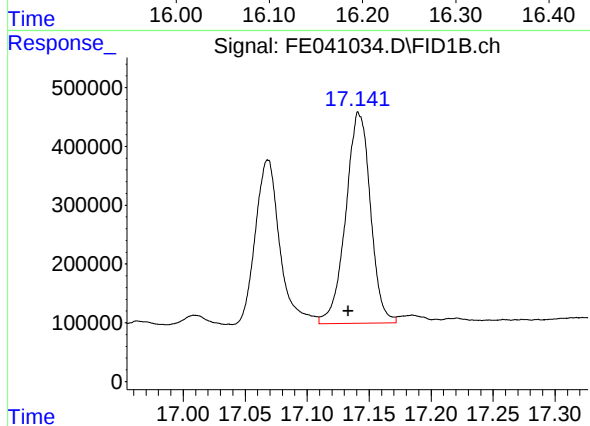
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: 0.002 min
Response: 9651143
Conc: 59.65 ug/ml



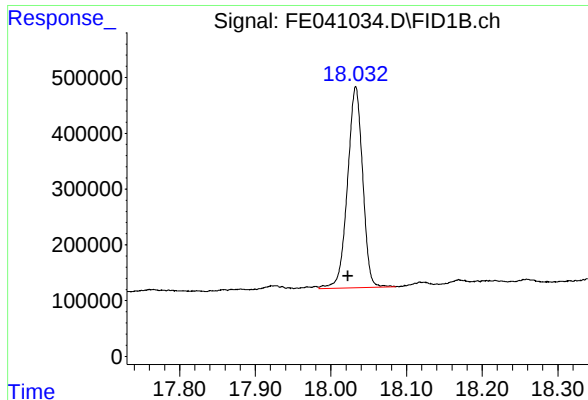
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.011 min
Response: 4899974
Conc: 31.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.009 min
Response: 4981236
Conc: 32.52 ug/ml



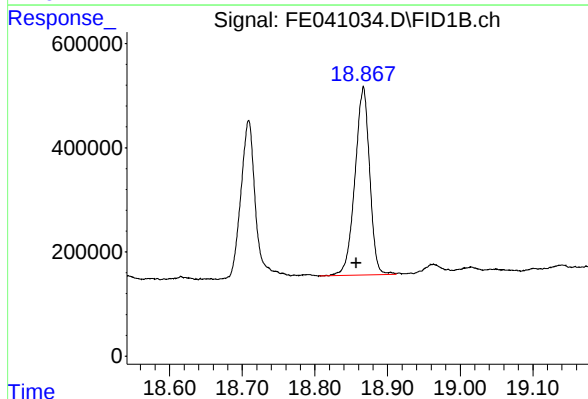
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.011 min
Response: 5028763
Conc: 32.90 ug/ml

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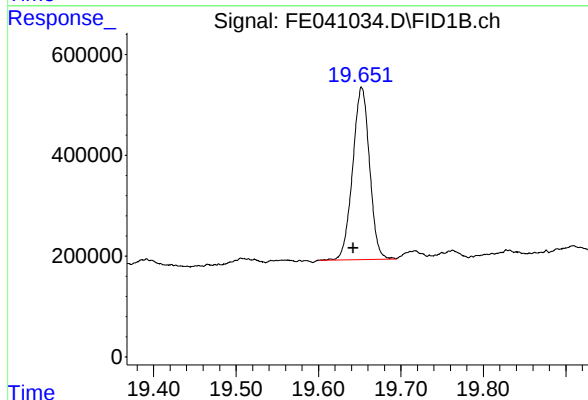
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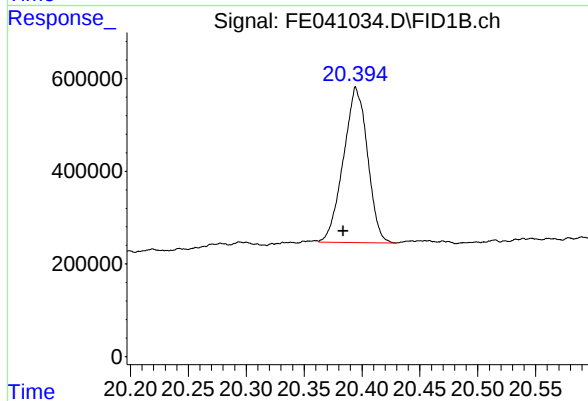
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.010 min
Response: 5067952
Conc: 32.46 ug/ml



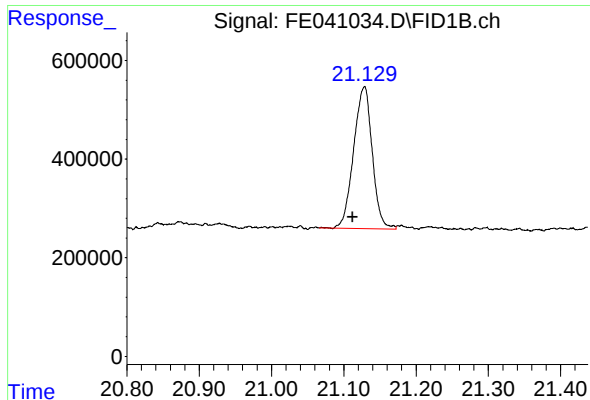
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.010 min
Response: 4857103
Conc: 31.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.010 min
Response: 4857315
Conc: 31.98 ug/ml m



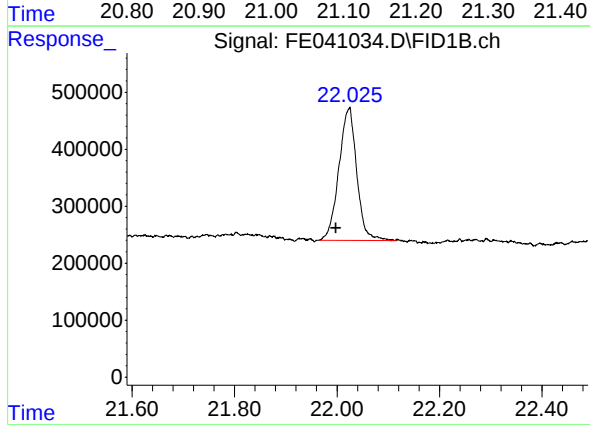
#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: 0.017 min
Response: 5146620
Conc: 32.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.027 min
Response: 5635033
Conc: 35.31 ug/ml m