

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046205.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2024 23:42
 Operator : YP\AJ
 Sample : P1119-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-JMSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
 Supervised By :Sohil Jodhani 01/16/2024

Integration File: autoint1.e
 Quant Time: Jan 13 04:39:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.832	5564114	30.618 ug/ml
Spiked Amount 50.000		Recovery =	61.24%
12) S 1-chlorooctadecane (S...	13.276	4519734	33.828 ug/ml
Spiked Amount 50.000		Recovery =	67.66%
Target Compounds			
1) T n-Nonane (C9)	3.221	4365707	28.526 ug/ml
2) T n-Decane (C10)	4.471	4947353	31.878 ug/ml
3) T A~Naphthalene (C11.7)	6.171	5979000	35.952 ug/ml
4) T n-Dodecane (C12)	6.636	5590815	35.807 ug/ml
5) T A~2-methylnaphthalene...	7.267	6154126	38.654 ug/ml
6) T n-Tetradecane (C14)	8.464	6107955	39.211 ug/ml
7) T n-Hexadecane (C16)	10.073	6539612	41.297 ug/ml
8) T n-Octadecane (C18)	11.519	6772403	43.029 ug/ml
10) T n-Eicosane (C20)	12.832	6768168	44.740 ug/ml
11) T n-Heneicosane (C21)	13.445	6457516	43.913 ug/ml
13) T n-Docosane (C22)	14.031	6361247	43.519 ug/ml
14) T n-Tetracosane (C24)	15.135	13712766	94.549 ug/ml
15) T n-Hexacosane (C26)	16.162	5985659	41.750 ug/ml
16) T n-Octacosane (C28)	17.112	7235558	50.450 ug/mlm
17) T n-Tricontane (C30)	18.004	5830503	39.226 ug/ml
18) T n-Dotriacontane (C32)	18.839	6153880	41.146 ug/mlm
19) T n-Tetratriacontane (C34)	19.625	5891649	41.127 ug/ml
20) T n-Hexatriacontane (C36)	20.368	5818579	39.908 ug/ml
21) T n-Octatriacontane (C38)	21.103	6178791	41.902 ug/ml
22) T n-Tetracontane (C40)	22.001	6451478	41.217 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: autoint1.e

Quant Time: Jan 13 04:39:40 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

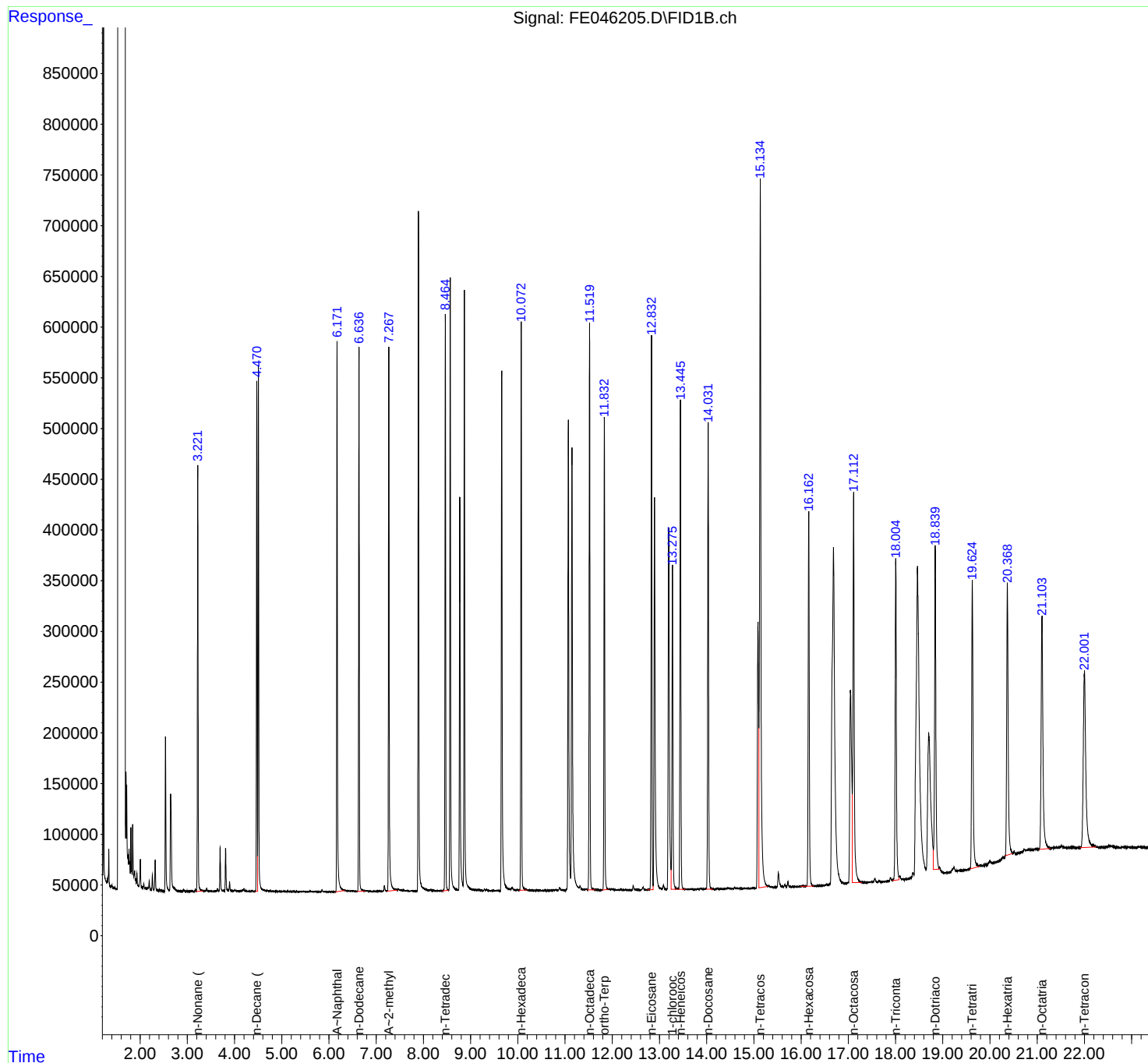
Response via : Initial Calibration

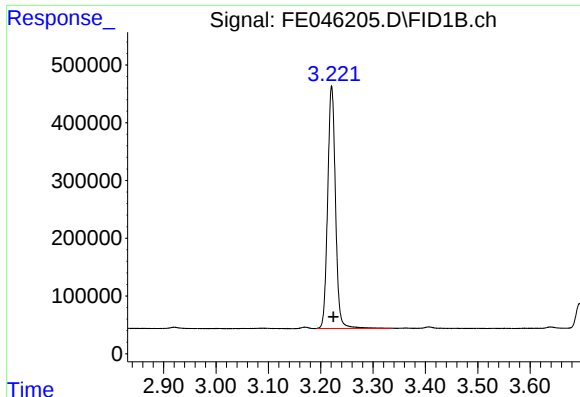
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 4365707
Conc: 28.53 ug/ml

Instrument :

FID_E

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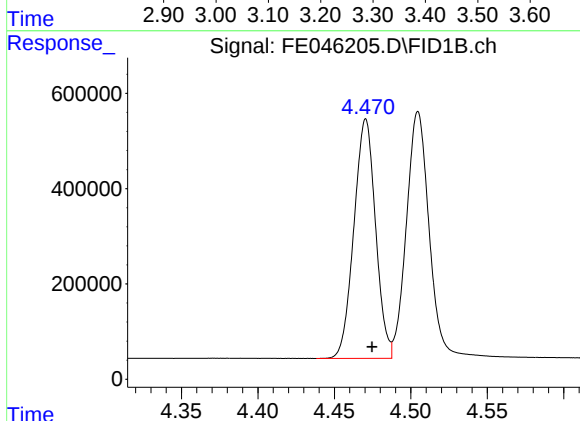
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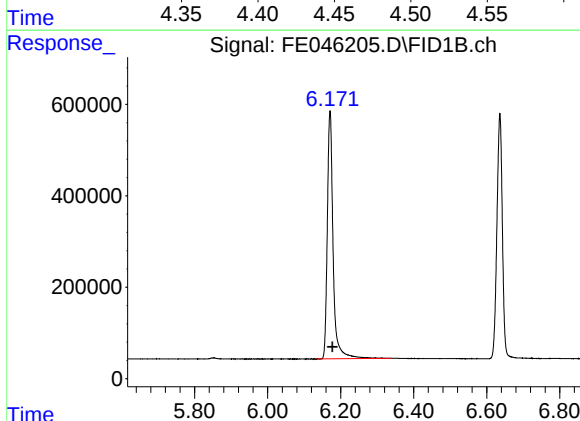
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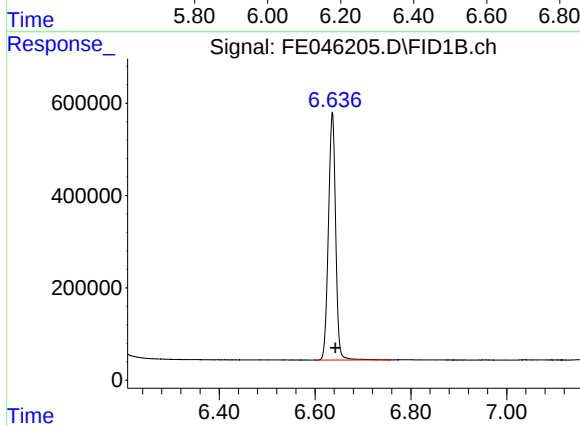
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 4947353
Conc: 31.88 ug/ml



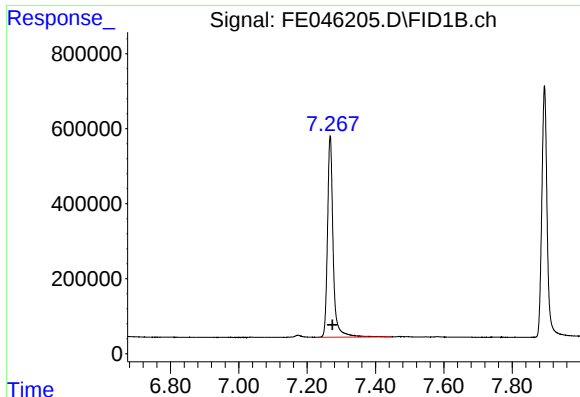
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 5979000
Conc: 35.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.636 min
Delta R.T.: -0.006 min
Response: 5590815
Conc: 35.81 ug/ml



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

R.T.: 7.267 min
Delta R.T.: -0.006 min
Response: 6154126
Conc: 38.65 ug/ml

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ClientSampleId :

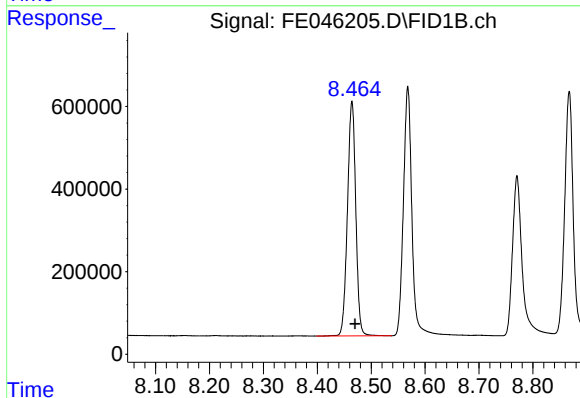
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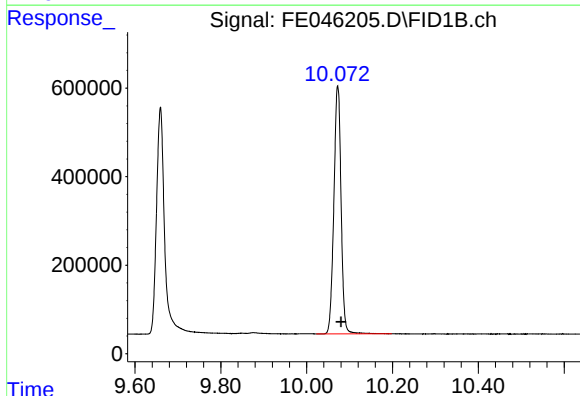
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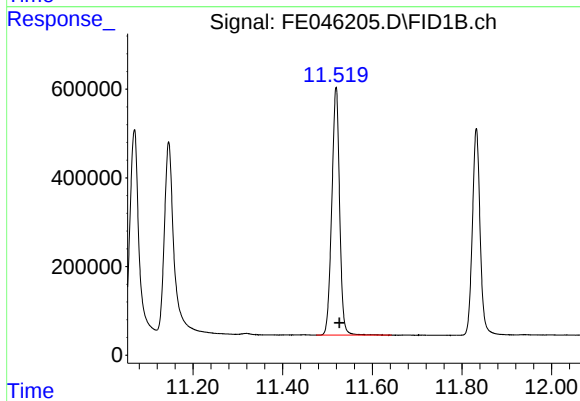
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 6107955
Conc: 39.21 ug/ml



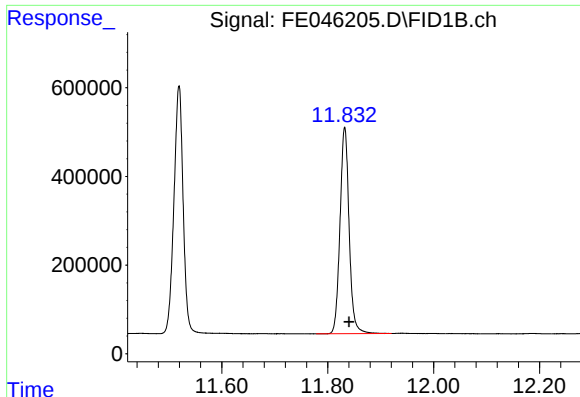
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.008 min
Response: 6539612
Conc: 41.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.007 min
Response: 6772403
Conc: 43.03 ug/ml



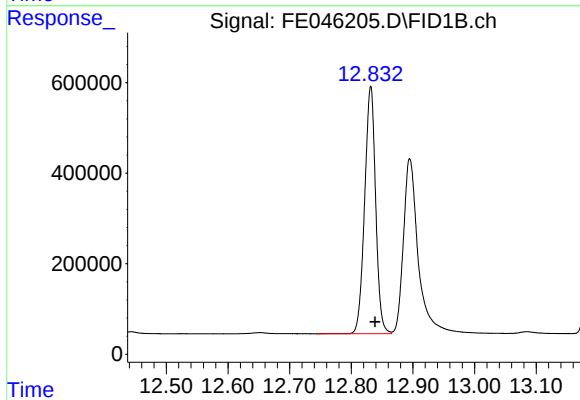
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.008 min
Response: 5564114
Conc: 30.62 ug/ml

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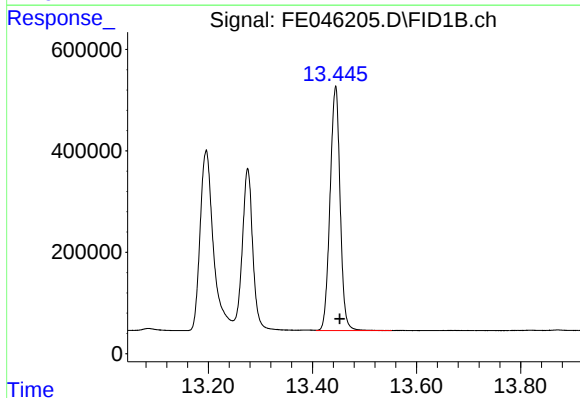
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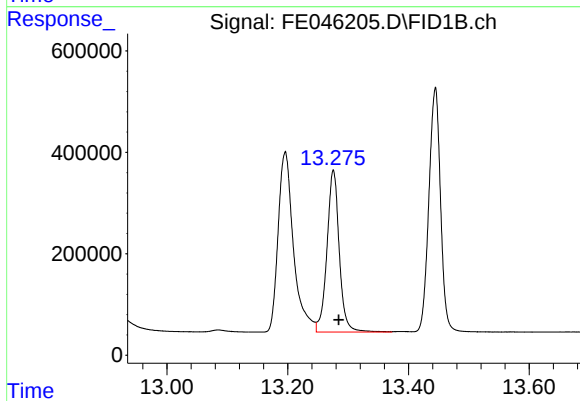
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.007 min
Response: 6768168
Conc: 44.74 ug/ml



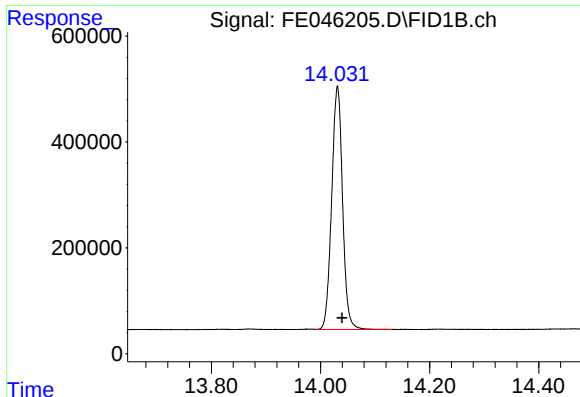
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.008 min
Response: 6457516
Conc: 43.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.009 min
Response: 4519734
Conc: 33.83 ug/ml



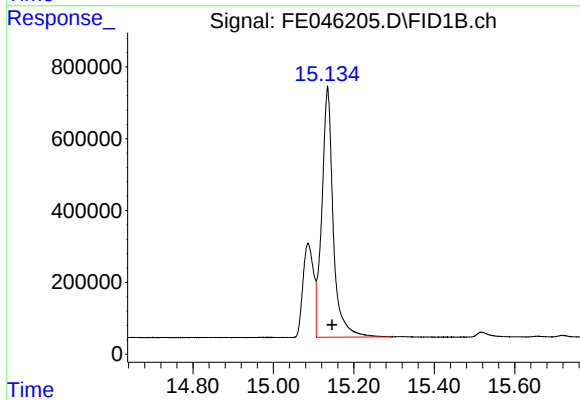
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.008 min
Response: 6361247
Conc: 43.52 ug/ml

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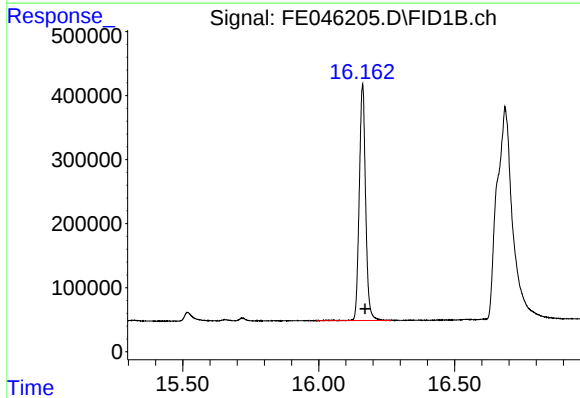
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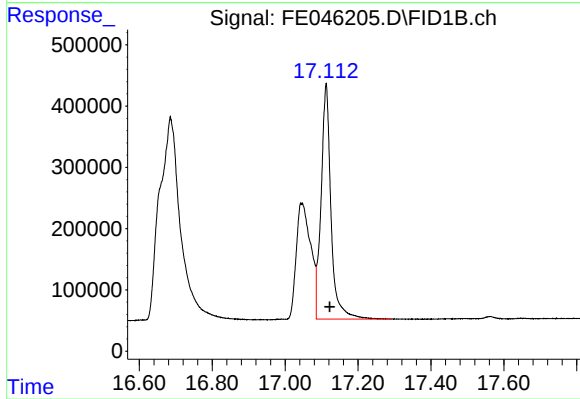
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.011 min
Response: 13712766
Conc: 94.55 ug/ml



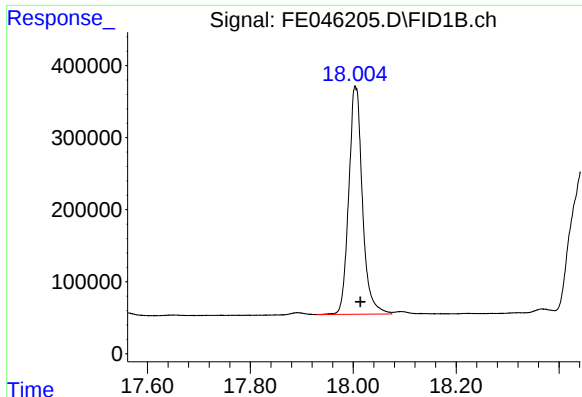
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.008 min
Response: 5985659
Conc: 41.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.010 min
Response: 7235558
Conc: 50.45 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.010 min
Response: 5830503
Conc: 39.23 ug/ml

Instrument :

FID_E

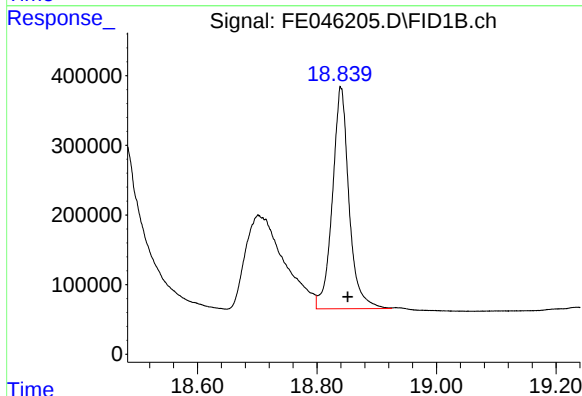
ClientSampleId :

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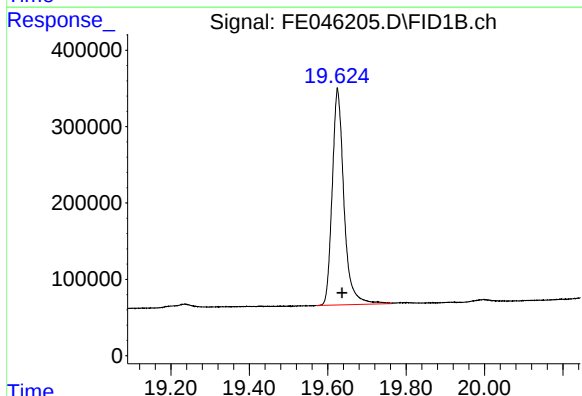
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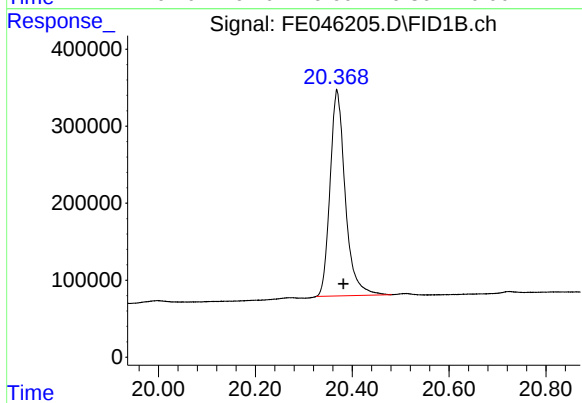
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.013 min
Response: 6153880
Conc: 41.15 ug/ml m



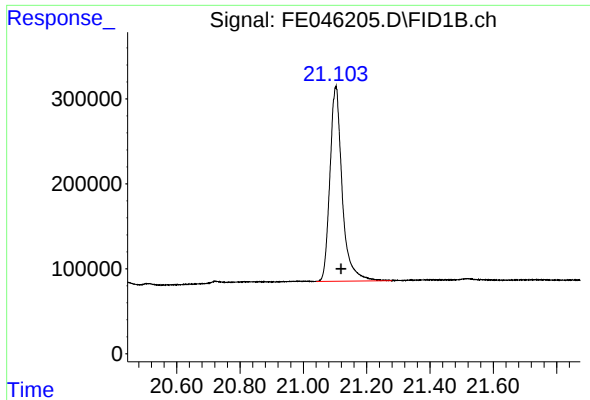
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.012 min
Response: 5891649
Conc: 41.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.014 min
Response: 5818579
Conc: 39.91 ug/ml



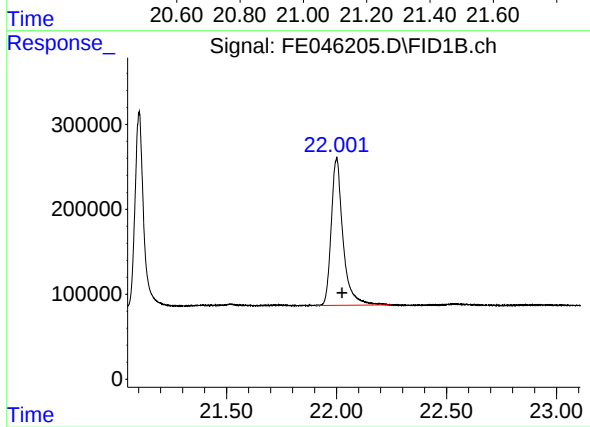
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.017 min
Response: 6178791
Conc: 41.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: -0.024 min
Response: 6451478
Conc: 41.22 ug/ml