

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042523AL\
 Data File : FE041530.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2023 16:27
 Operator : YP\AJ
 Sample : 02483-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

S2S-TP1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/26/2023

Supervised By :Ankita Jodhani 04/26/2023

Integration File: autoint1.e

Quant Time: Apr 26 01:18:47 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 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)	11.983	4370456	23.296 ug/ml
Spiked Amount 50.000		Recovery =	46.59%
12) S 1-chlorooctadecane (S...	13.419	3571720	25.283 ug/ml
Spiked Amount 50.000		Recovery =	50.57%
Target Compounds			
1) T n-Nonane (C9)	3.361	3559825	24.217 ug/ml
2) T n-Decane (C10)	4.614	4122869	27.490 ug/ml
3) T A~Naphthalene (C11.7)	6.319	4923032	29.748 ug/ml
4) T n-Dodecane (C12)	6.781	4587736	30.174 ug/ml
5) T A~2-methylnaphthalene...	7.416	4838817	30.009 ug/ml
6) T n-Tetradecane (C14)	8.611	4775768	31.439 ug/ml
7) T n-Hexadecane (C16)	10.219	5158434	32.324 ug/ml
8) T n-Octadecane (C18)	11.664	5447660	33.235 ug/ml
10) T n-Eicosane (C20)	12.975	5413063	33.654 ug/ml
11) T n-Heneicosane (C21)	13.587	5283553	33.153 ug/ml
13) T n-Docosane (C22)	14.175	5224327	32.789 ug/ml
14) T n-Tetracosane (C24)	15.263	9821086	60.917 ug/ml
15) T n-Hexacosane (C26)	16.301	4947447	31.294 ug/ml
16) T n-Octacosane (C28)	17.249	4823936	31.350 ug/ml
17) T n-Tricontane (C30)	18.137	4723523	31.014 ug/ml
18) T n-Dotriacontane (C32)	18.969	4581534	30.753 ug/ml
19) T n-Tetratriacontane (C34)	19.753	4444287	31.547 ug/ml
20) T n-Hexatriacontane (C36)	20.491	4243391	31.731 ug/mlm
21) T n-Octatriacontane (C38)	21.247	4259001	32.232 ug/ml
22) T n-Tetracontane (C40)	22.192	4409642	34.828 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 02483-01MS
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ALS Vial : 16 Sample Multiplier: 1

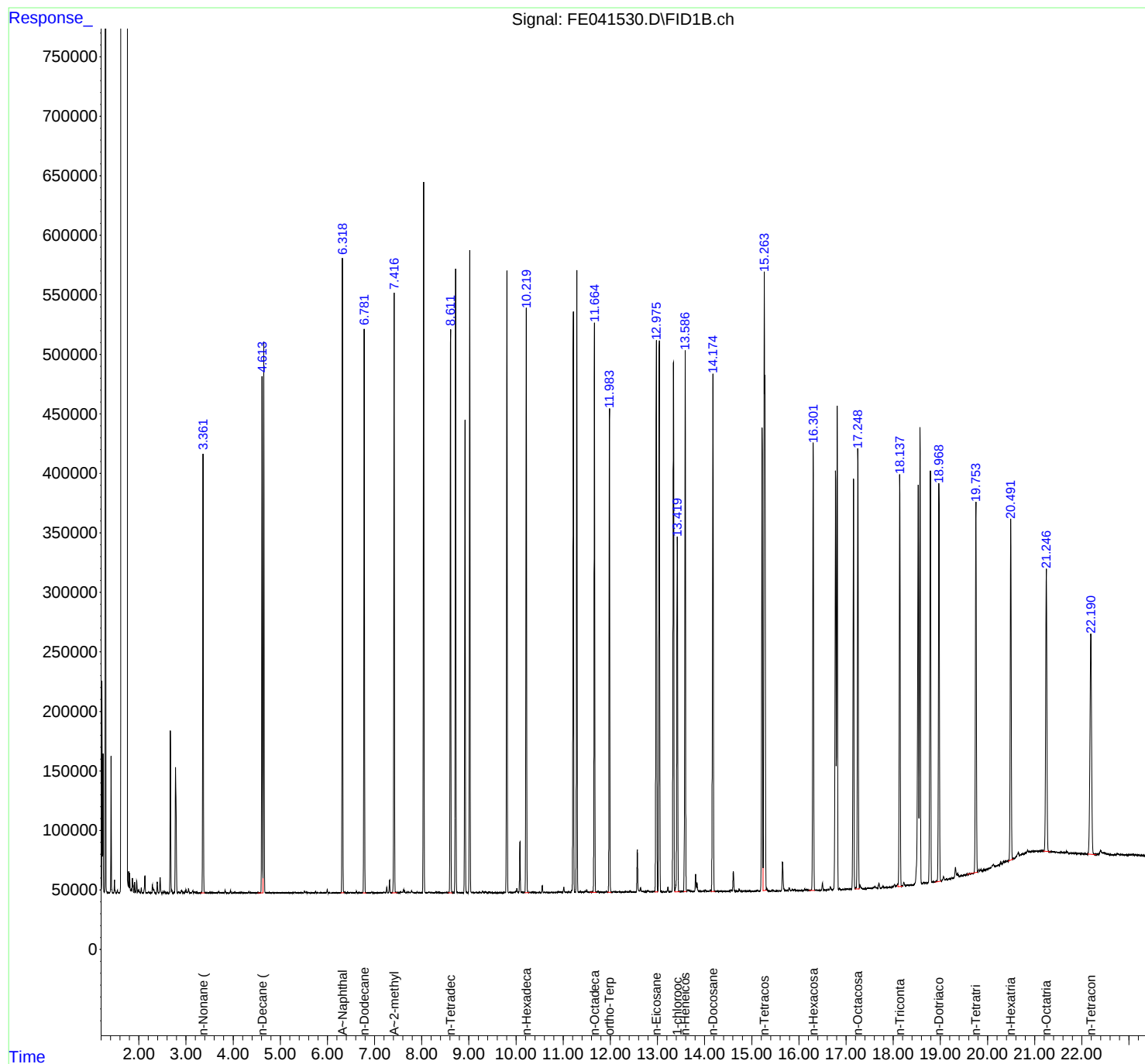
Instrument :
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ClientSampleId :
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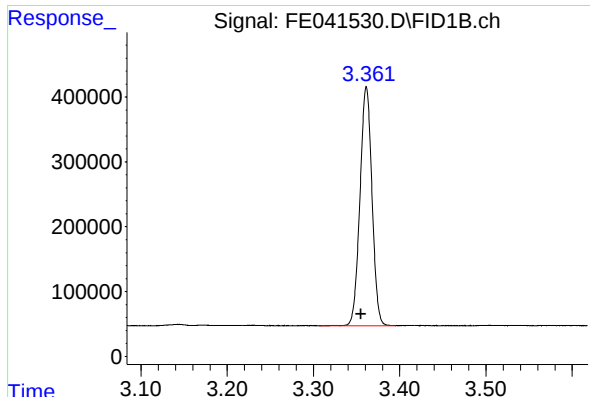
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.006 min
Response: 3559825
Conc: 24.22 ug/ml

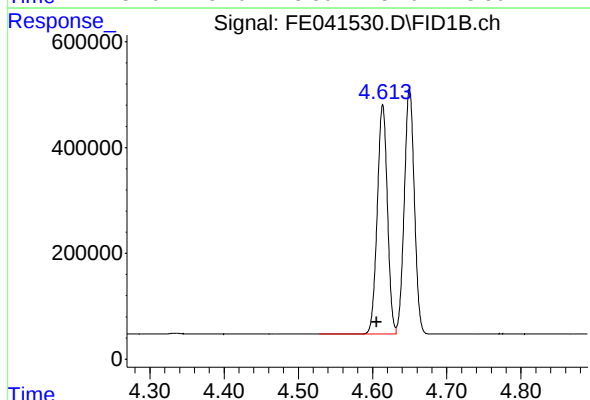
Instrument :

FID_E

ClientSampleId :
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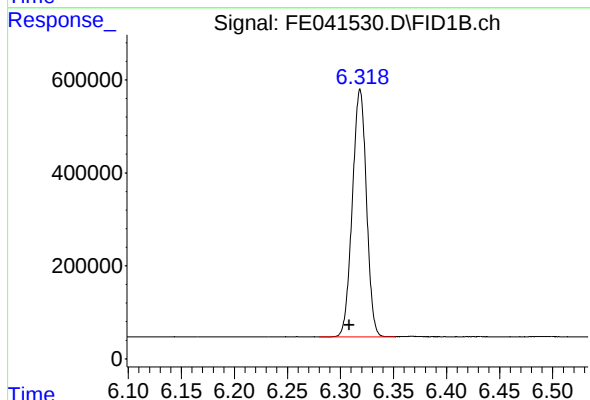
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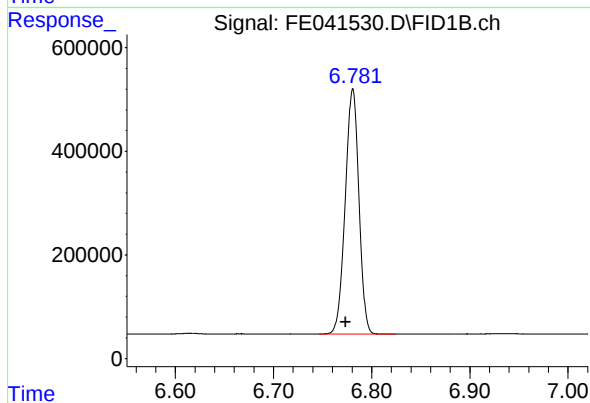
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.008 min
Response: 4122869
Conc: 27.49 ug/ml



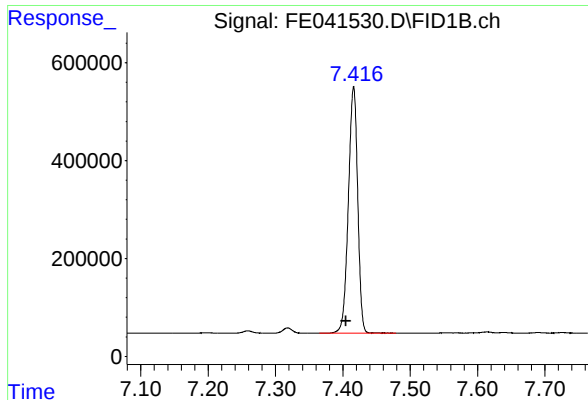
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.010 min
Response: 4923032
Conc: 29.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.007 min
Response: 4587736
Conc: 30.17 ug/ml



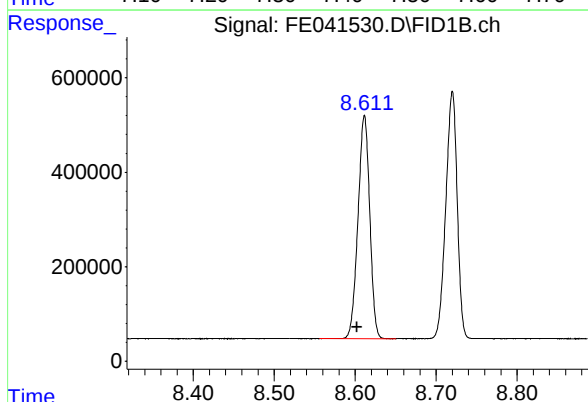
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: 0.012 min
Response: 4838817
Conc: 30.01 ug/ml

Instrument :
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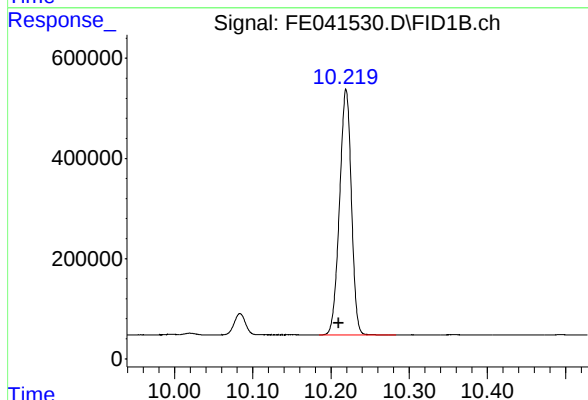
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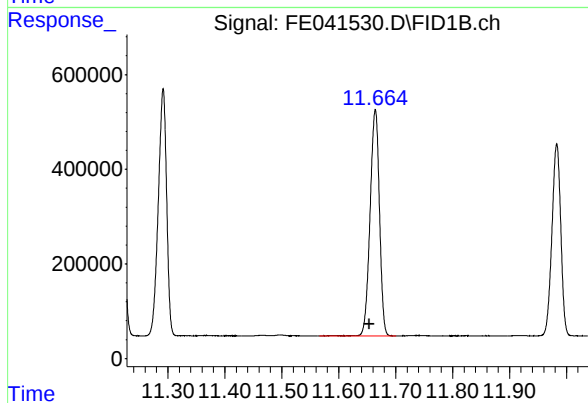
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.009 min
Response: 4775768
Conc: 31.44 ug/ml



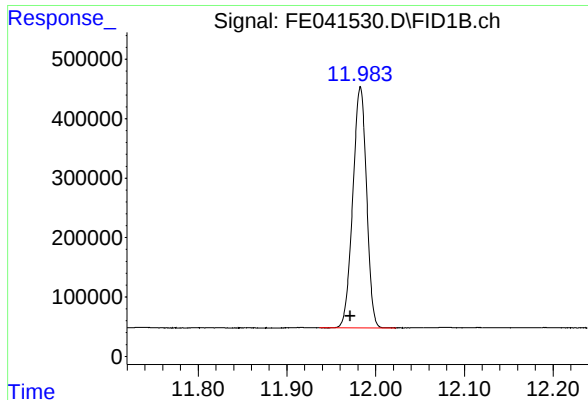
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 5158434
Conc: 32.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.010 min
Response: 5447660
Conc: 33.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.011 min
Response: 4370456
Conc: 23.30 ug/ml

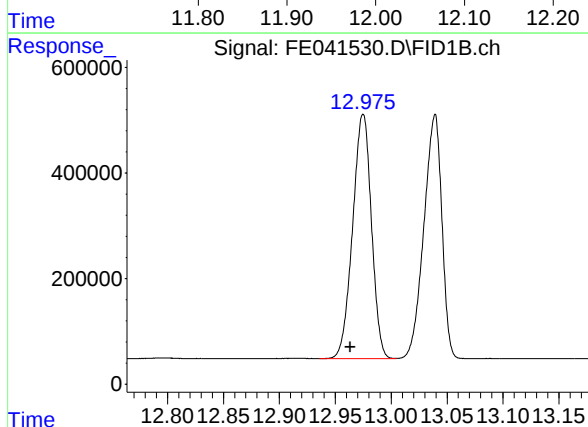
Instrument :

FID_E

ClientSampleId :
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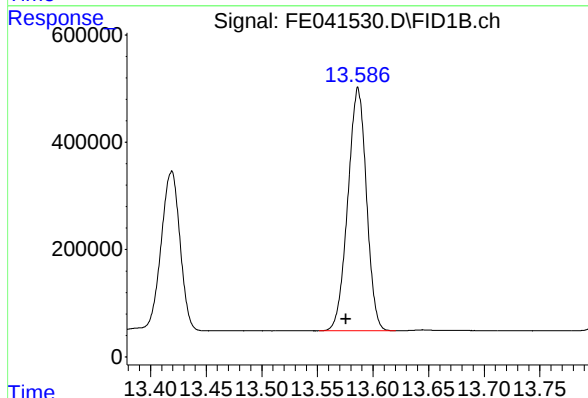
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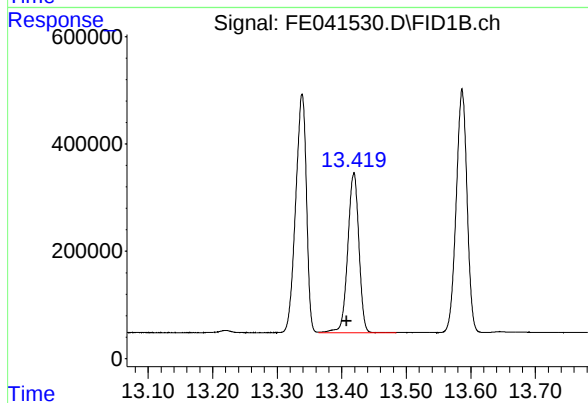
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.011 min
Response: 5413063
Conc: 33.65 ug/ml



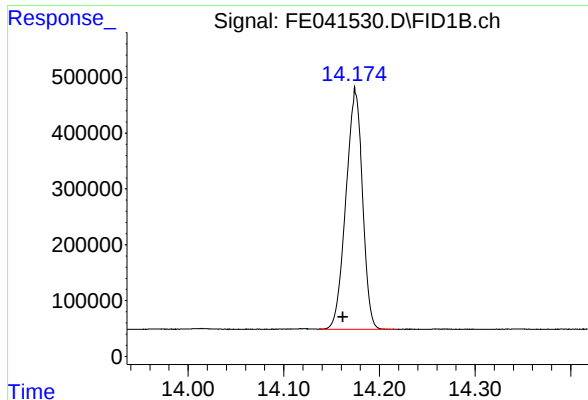
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.011 min
Response: 5283553
Conc: 33.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.011 min
Response: 3571720
Conc: 25.28 ug/ml



#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.013 min
Response: 5224327
Conc: 32.79 ug/ml

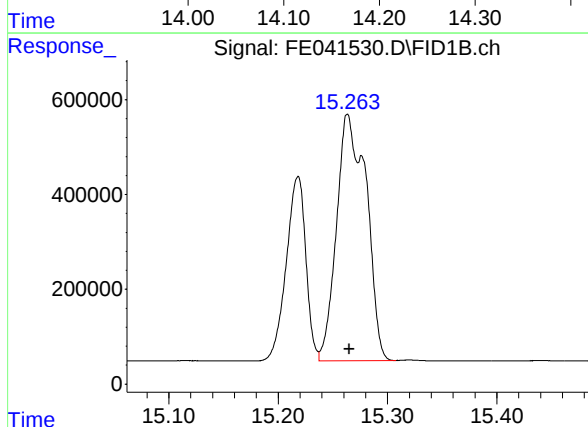
Instrument :

FID_E

ClientSampleId :
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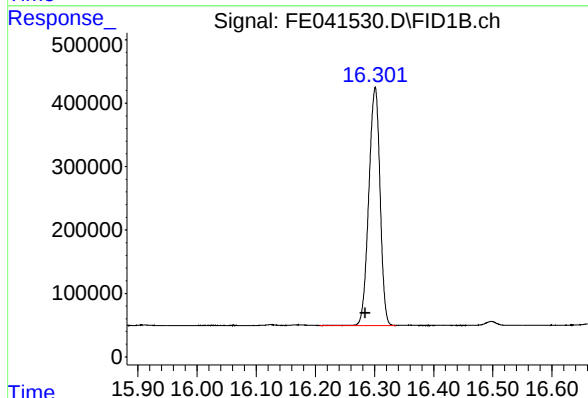
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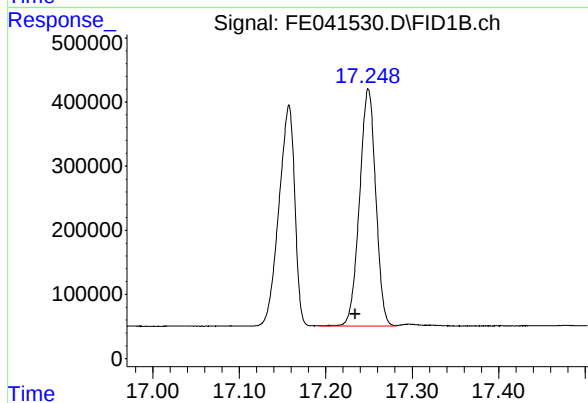
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.001 min
Response: 9821086
Conc: 60.92 ug/ml



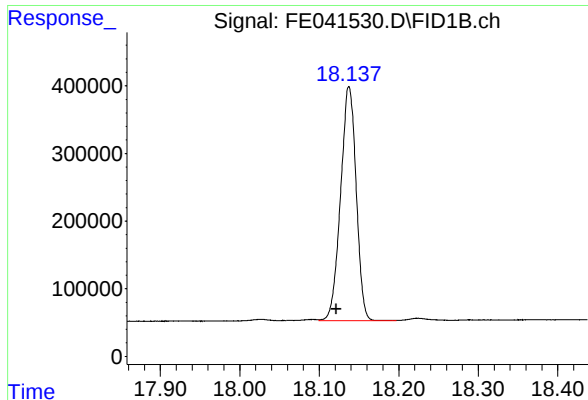
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.016 min
Response: 4947447
Conc: 31.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: 0.015 min
Response: 4823936
Conc: 31.35 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: 0.016 min
Response: 4723523
Conc: 31.01 ug/ml

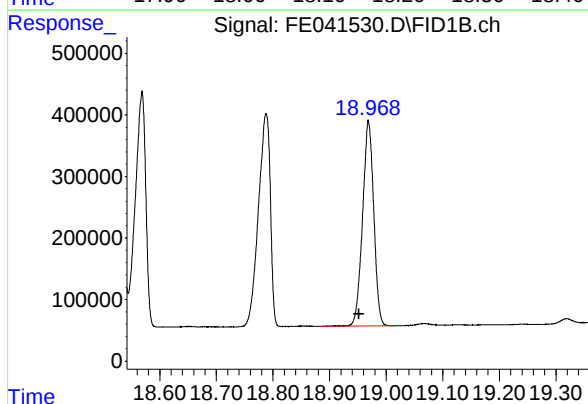
Instrument :

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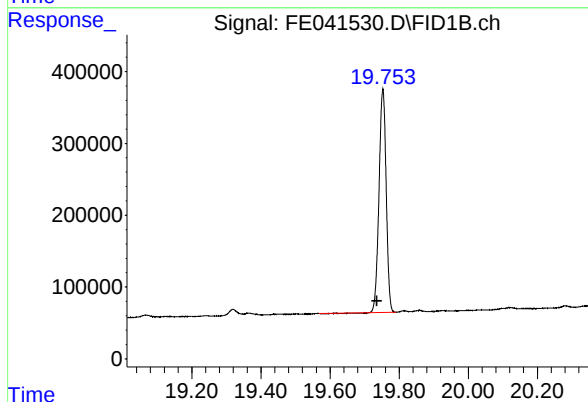
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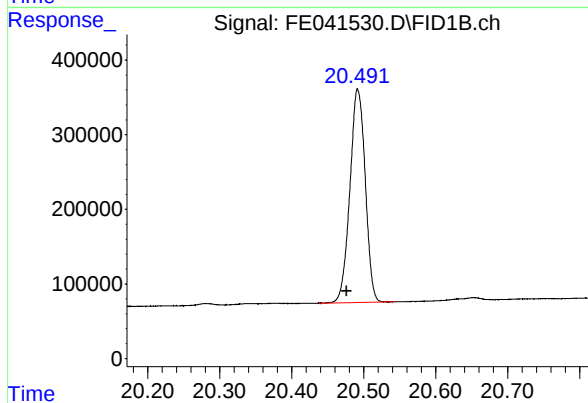
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.017 min
Response: 4581534
Conc: 30.75 ug/ml



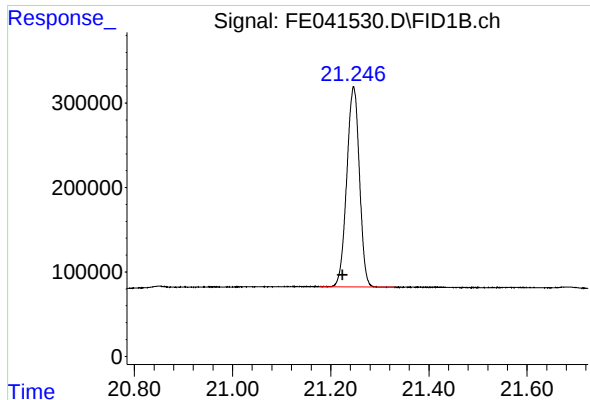
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.017 min
Response: 4444287
Conc: 31.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.491 min
Delta R.T.: 0.015 min
Response: 4243391
Conc: 31.73 ug/ml m



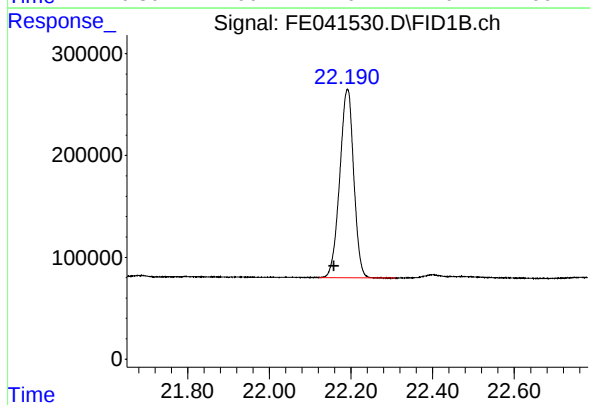
#21 n-Octatriacontane (C38)

R.T.: 21.247 min
Delta R.T.: 0.022 min
Response: 4259001
Conc: 32.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.192 min
Delta R.T.: 0.033 min
Response: 4409642
Conc: 34.83 ug/ml