

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062223AL\
 Data File : FE042802.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jun 2023 16:09
 Operator : YP\AJ
 Sample : 03337-13MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-7MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e

Quant Time: Jun 23 02:26:40 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M

Quant Title : GC Extractables

QLast Update : Wed Jun 21 11:03:59 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)	11.928	7225774	39.334 ug/ml
Spiked Amount 50.000		Recovery =	78.67%
12) S 1-chlorooctadecane (S...	13.364	5769234	42.392 ug/ml
Spiked Amount 50.000		Recovery =	84.78%
Target Compounds			
1) T n-Nonane (C9)	3.307	4780202	30.946 ug/ml
2) T n-Decane (C10)	4.559	5473968	34.655 ug/ml
3) T A~Naphthalene (C11.7)	6.266	6238918	36.846 ug/ml
4) T n-Dodecane (C12)	6.726	6010070	37.547 ug/ml
5) T A~2-methylnaphthalene...	7.364	6184961	38.147 ug/ml
6) T n-Tetradecane (C14)	8.558	6334315	39.801 ug/ml
7) T n-Hexadecane (C16)	10.164	7013972	42.587 ug/ml
8) T n-Octadecane (C18)	11.608	7303726	43.941 ug/ml
10) T n-Eicosane (C20)	12.918	7319462	46.127 ug/ml
11) T n-Heneicosane (C21)	13.530	7020791	45.379 ug/ml
13) T n-Docosane (C22)	14.117	6918048	45.415 ug/ml
14) T n-Tetracosane (C24)	15.213	12905204	86.978 ug/ml
15) T n-Hexacosane (C26)	16.242	6490002	45.397 ug/ml
16) T n-Octacosane (C28)	17.191	6284568	45.312 ug/ml
17) T n-Tricontane (C30)	18.080	6240882	44.127 ug/ml
18) T n-Dotriacontane (C32)	18.910	6073573	43.302 ug/ml
19) T n-Tetratriacontane (C34)	19.694	6109004	44.642 ug/ml
20) T n-Hexatriacontane (C36)	20.435	5779995	43.219 ug/mlm
21) T n-Octatriacontane (C38)	21.178	5925758	43.463 ug/ml
22) T n-Tetracontane (C40)	22.102	6067138	43.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03337-13MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

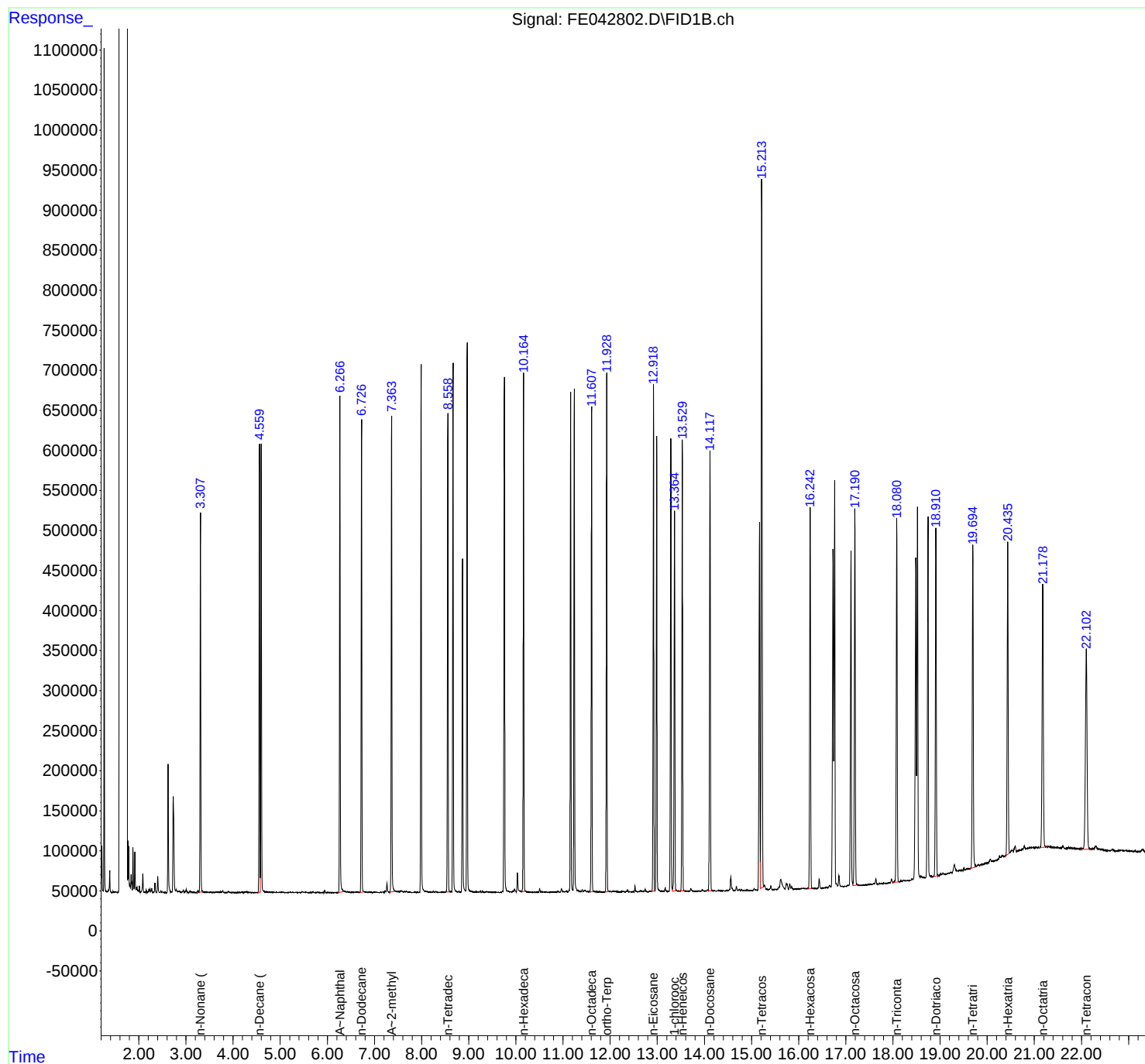
Instrument :
FID_E
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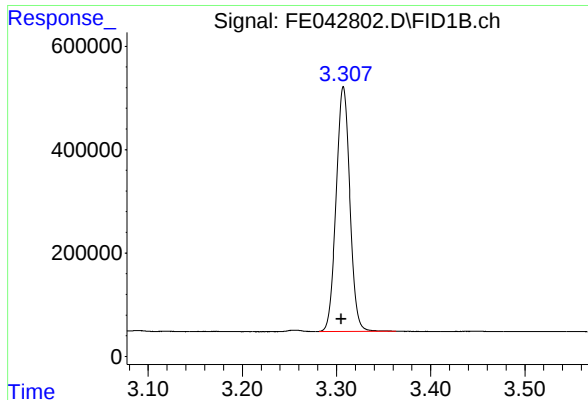
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial 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.: 3.307 min
Delta R.T.: 0.002 min
Response: 4780202
Conc: 30.95 ug/ml

Instrument :

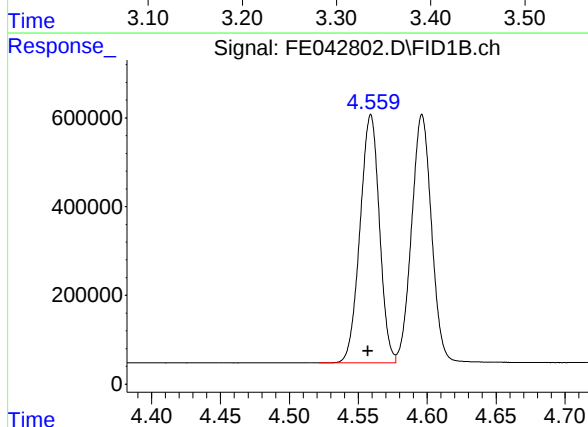
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ClientSampleId :

WC-7MS

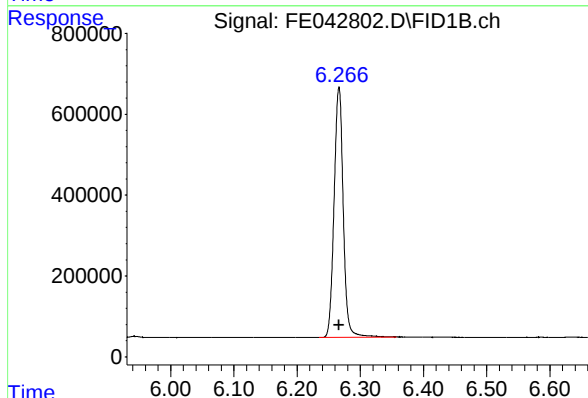
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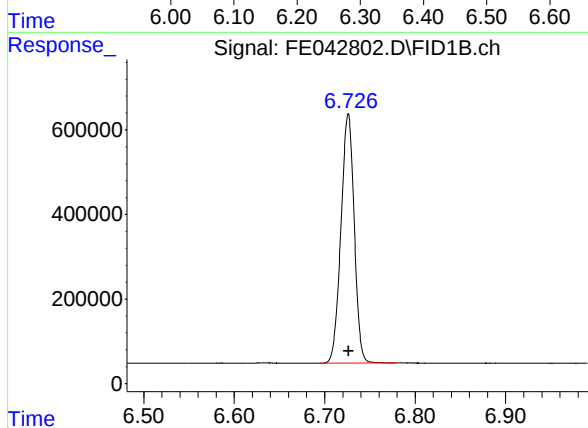
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 5473968
Conc: 34.65 ug/ml



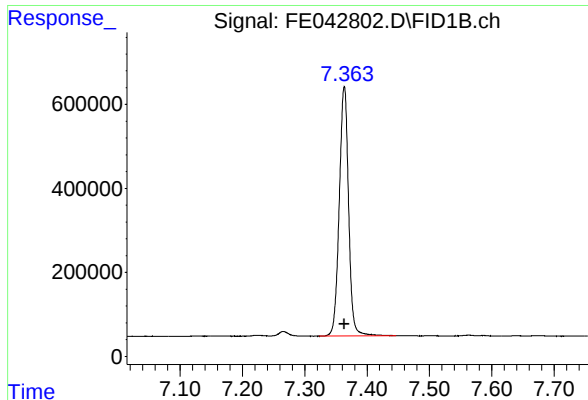
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 6238918
Conc: 36.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 6010070
Conc: 37.55 ug/ml



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

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 6184961
Conc: 38.15 ug/ml

Instrument :

FID_E

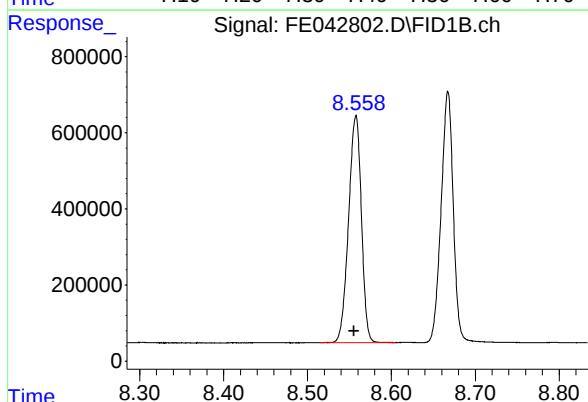
ClientSampleId :

WC-7MS

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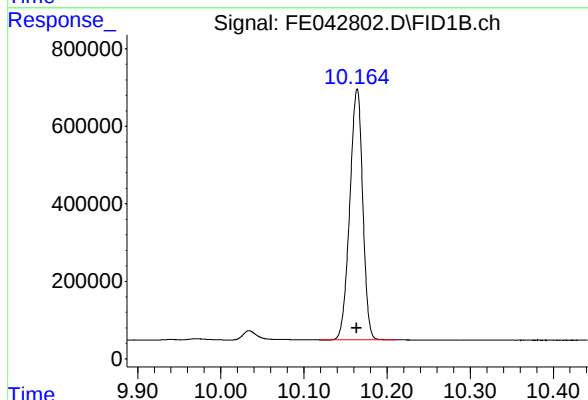
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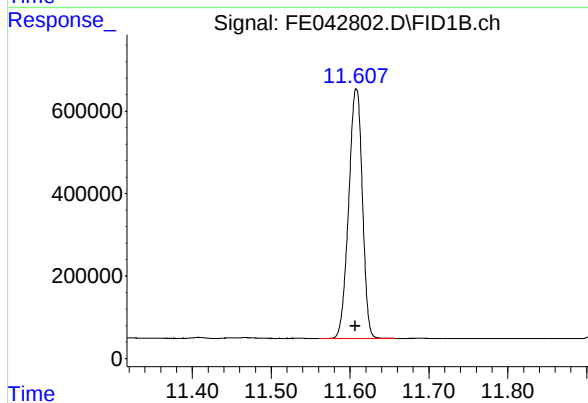
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.002 min
Response: 6334315
Conc: 39.80 ug/ml



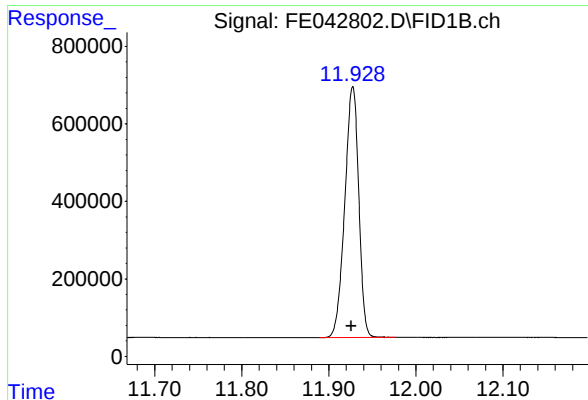
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.001 min
Response: 7013972
Conc: 42.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: 0.001 min
Response: 7303726
Conc: 43.94 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.002 min
Response: 7225774
Conc: 39.33 ug/ml

Instrument :

FID_E

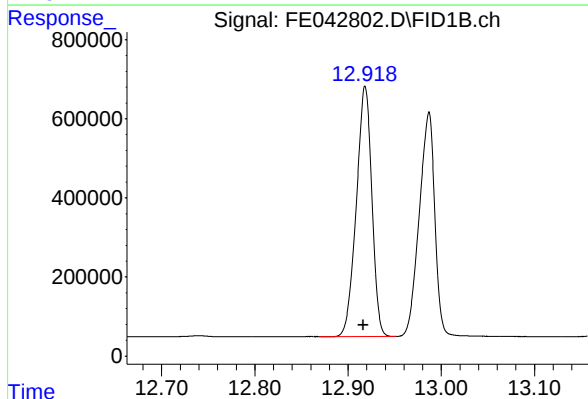
ClientSampleId :

WC-7MS

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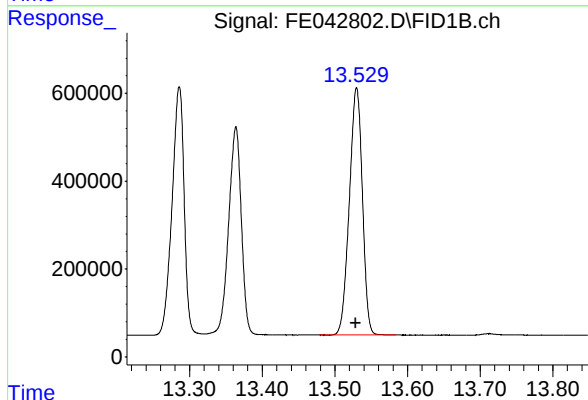
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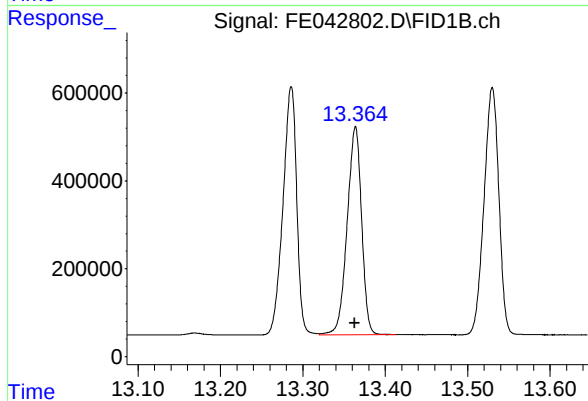
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.002 min
Response: 7319462
Conc: 46.13 ug/ml



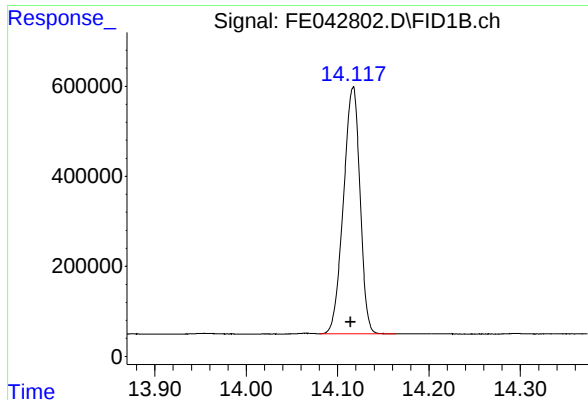
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.001 min
Response: 7020791
Conc: 45.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.001 min
Response: 5769234
Conc: 42.39 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.002 min
Response: 6918048
Conc: 45.41 ug/ml

Instrument :

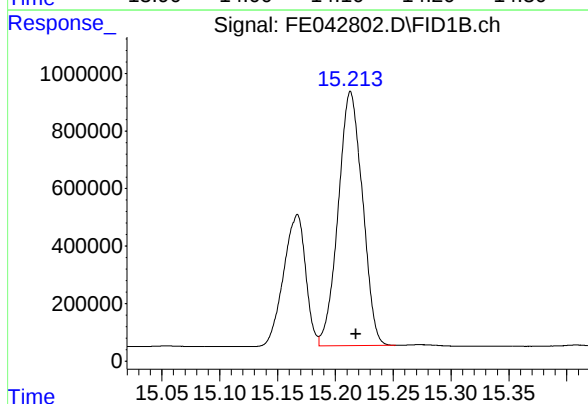
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ClientSampleId :

WC-7MS

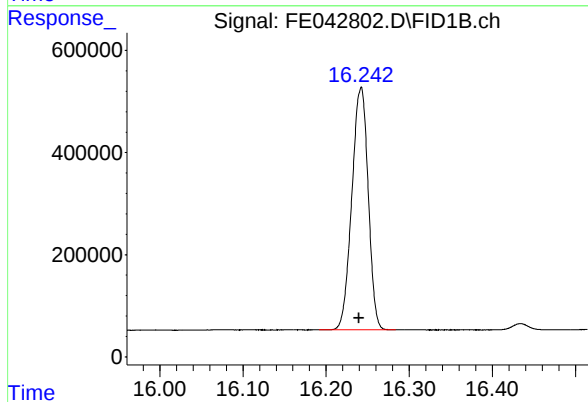
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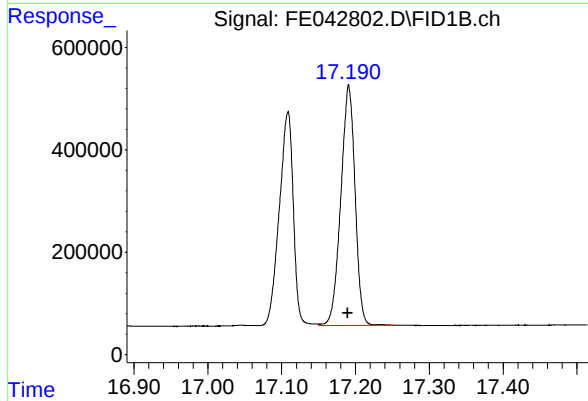
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.005 min
Response: 12905204
Conc: 86.98 ug/ml



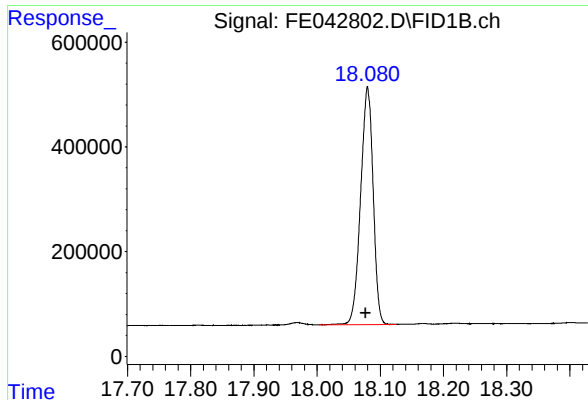
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.003 min
Response: 6490002
Conc: 45.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.001 min
Response: 6284568
Conc: 45.31 ug/ml



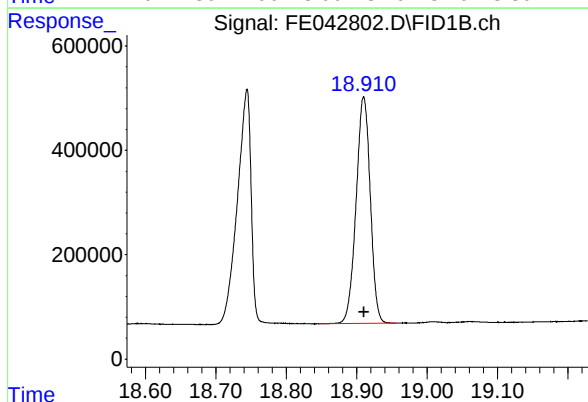
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: 0.003 min
Response: 6240882
Conc: 44.13 ug/ml

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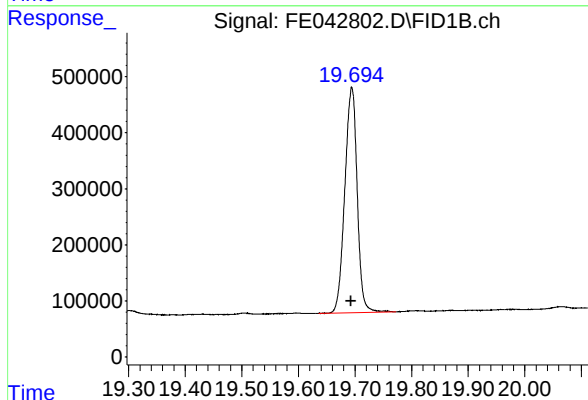
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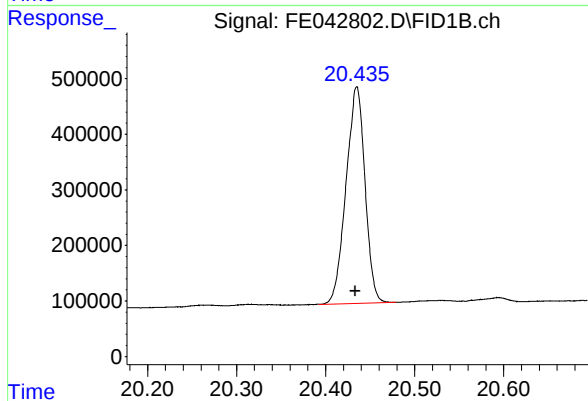
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 6073573
Conc: 43.30 ug/ml



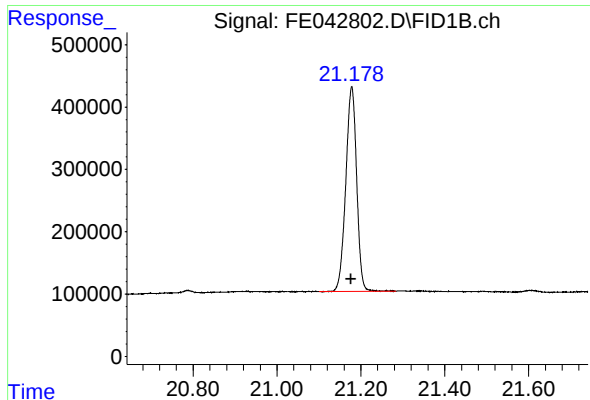
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.001 min
Response: 6109004
Conc: 44.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.002 min
Response: 5779995
Conc: 43.22 ug/ml m



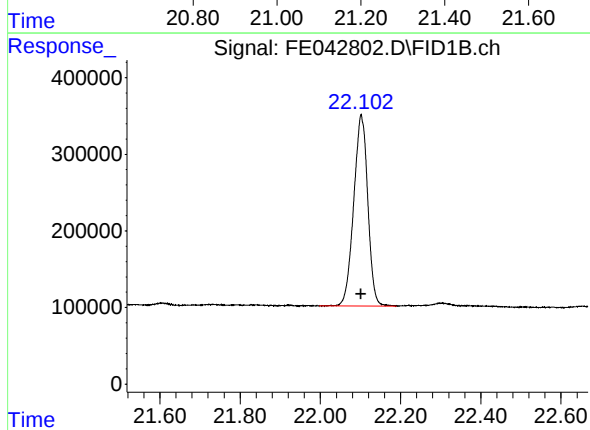
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.002 min
Response: 5925758
Conc: 43.46 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.000 min
Response: 6067138
Conc: 43.61 ug/ml