

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020923AL\
 Data File : FE040292.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2023 18:59
 Operator : YP\AJ
 Sample : 01507-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-330MSD

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 02/10/2023

Supervised By :Sohil Jodhani 02/10/2023

Integration File: autoint1.e

Quant Time: Feb 09 23:47:56 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M

Quant Title : GC Extractables

QLast Update : Thu Feb 02 04:52:48 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)	11.899	6086929	37.606 ug/ml
Spiked Amount 50.000		Recovery =	75.21%
12) S 1-chlorooctadecane (S...	13.336	5714421	46.075 ug/ml
Spiked Amount 50.000		Recovery =	92.15%
Target Compounds			
1) T n-Nonane (C9)	3.290	4081337	29.987 ug/ml
2) T n-Decane (C10)	4.540	4529318	34.089 ug/ml
3) T A~Naphthalene (C11.7)	6.242	6000046	40.997 ug/ml
4) T n-Dodecane (C12)	6.704	5058967	37.575 ug/ml
5) T A~2-methylnaphthalene...	7.338	7630549	56.374 ug/ml
6) T n-Tetradecane (C14)	8.533	5536931	40.176 ug/ml
7) T n-Hexadecane (C16)	10.139	6283764	43.783 ug/ml
8) T n-Octadecane (C18)	11.582	6567682	44.151 ug/ml
10) T n-Eicosane (C20)	12.893	6626823	45.075 ug/ml
11) T n-Heneicosane (C21)	13.504	6520219	44.207 ug/ml
13) T n-Docosane (C22)	14.090	6561552	44.284 ug/ml
14) T n-Tetracosane (C24)	15.186	12996284	85.614 ug/ml
15) T n-Hexacosane (C26)	16.218	6128753	41.341 ug/ml
16) T n-Octacosane (C28)	17.168	6536590	43.617 ug/ml
17) T n-Tricontane (C30)	18.058	5803000	39.329 ug/ml
18) T n-Dotriacontane (C32)	18.890	5948144	40.613 ug/ml
19) T n-Tetratriacontane (C34)	19.676	5502137	40.003 ug/ml
20) T n-Hexatriacontane (C36)	20.417	5273496	39.757 ug/ml
21) T n-Octatriacontane (C38)	21.149	5229446	40.310 ug/ml
22) T n-Tetracontane (C40)	22.049	5388558	40.585 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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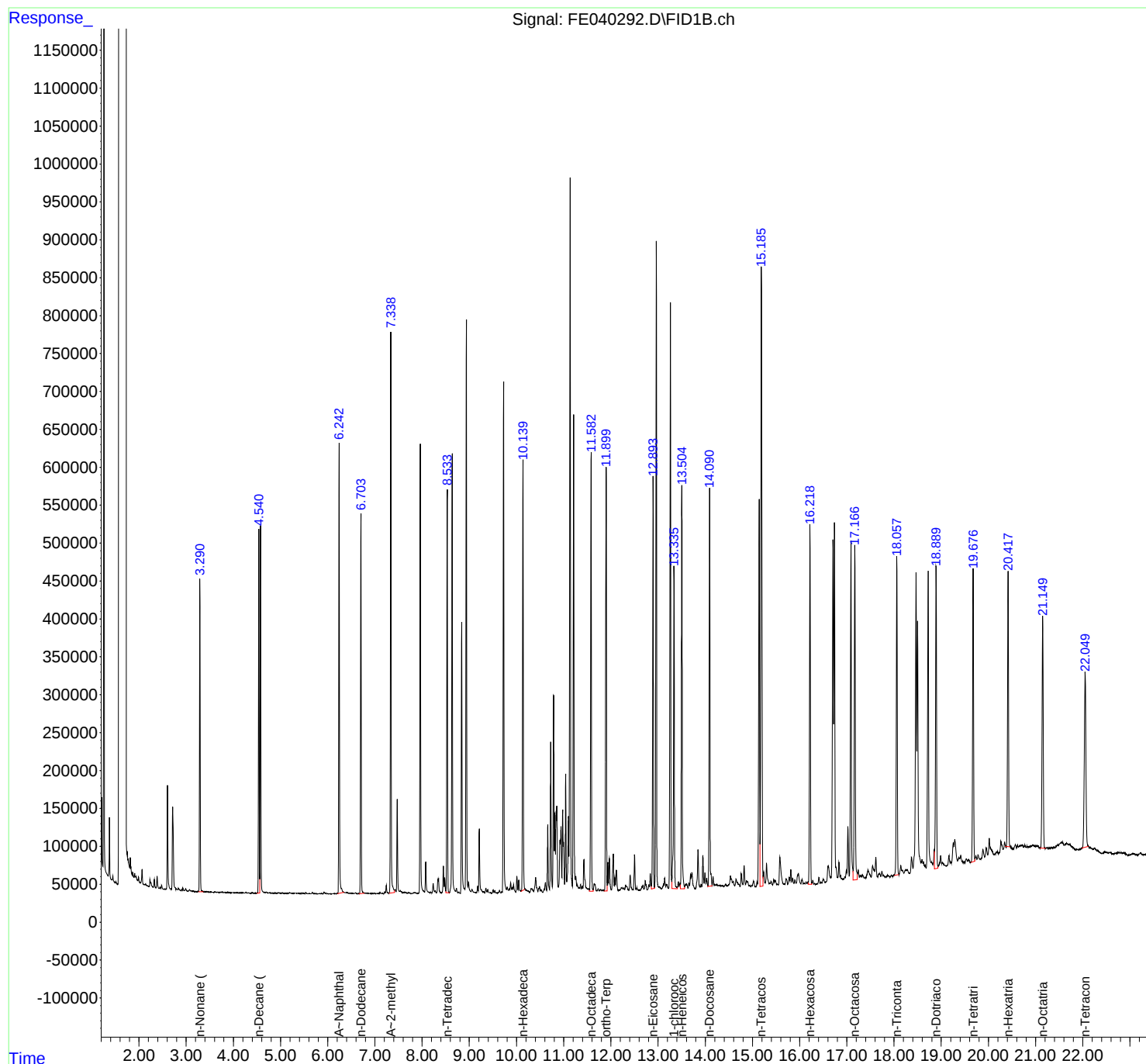
Response via : Initial Calibration

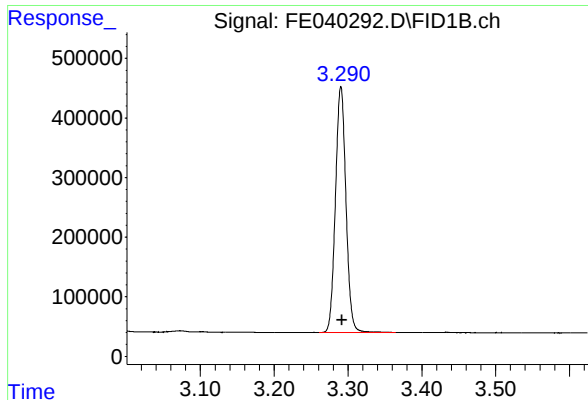
Integrator: ChemStation

Volume Inj. : 1 ul

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Signal Info : 20M x 0.18mm x 0.18um





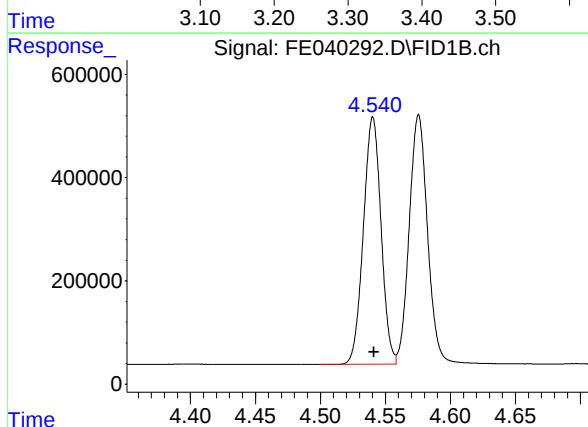
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.002 min
Response: 4081337
Conc: 29.99 ug/ml

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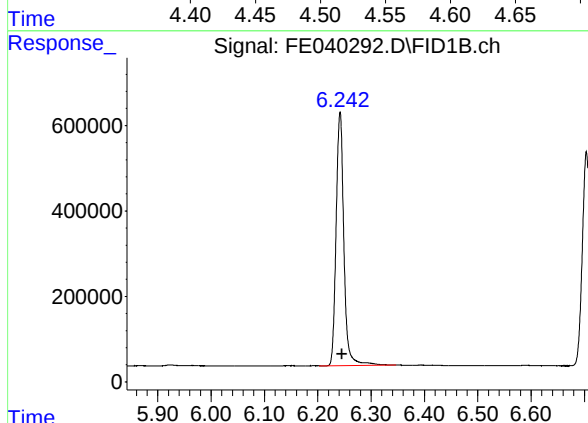
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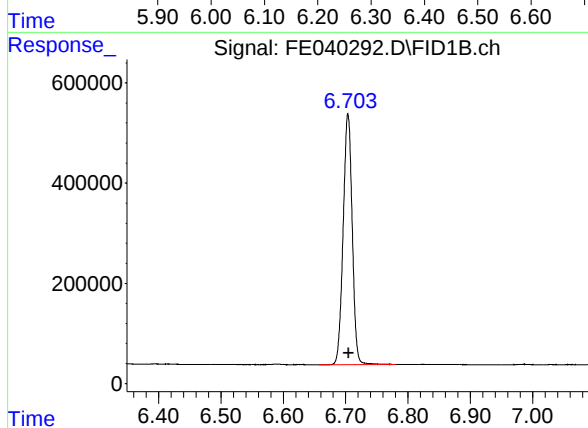
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 4529318
Conc: 34.09 ug/ml



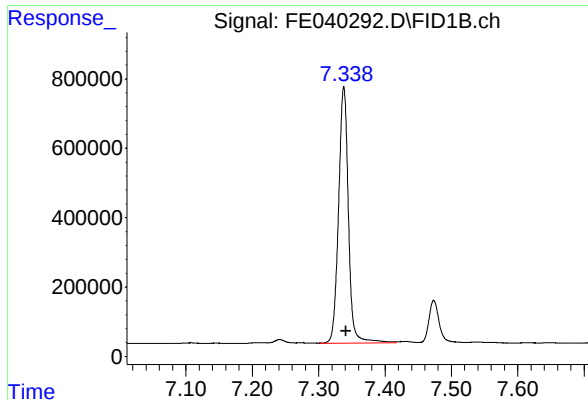
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 6000046
Conc: 41.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 5058967
Conc: 37.57 ug/ml



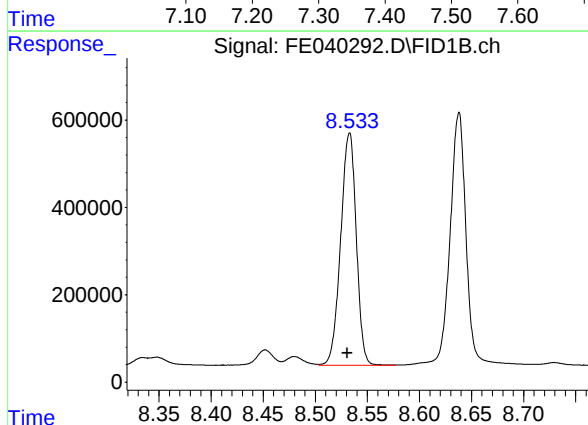
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 7630549
Conc: 56.37 ug/ml

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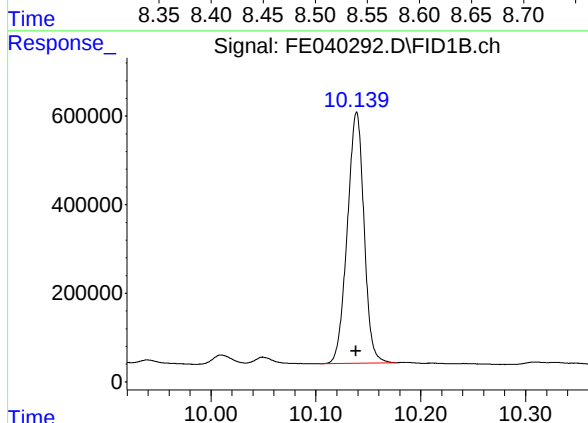
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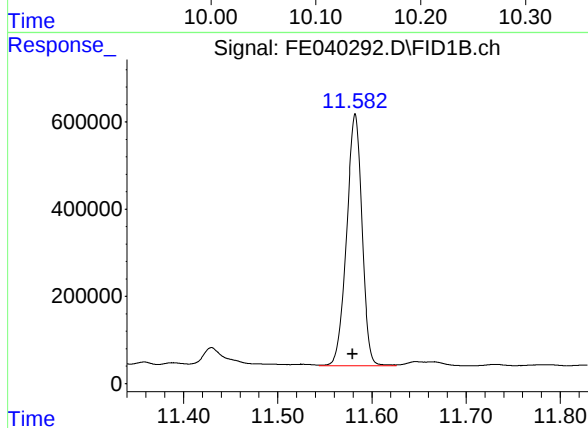
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 5536931
Conc: 40.18 ug/ml



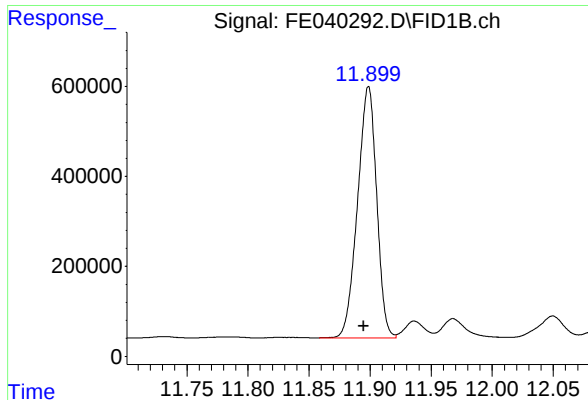
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 6283764
Conc: 43.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: 0.003 min
Response: 6567682
Conc: 44.15 ug/ml



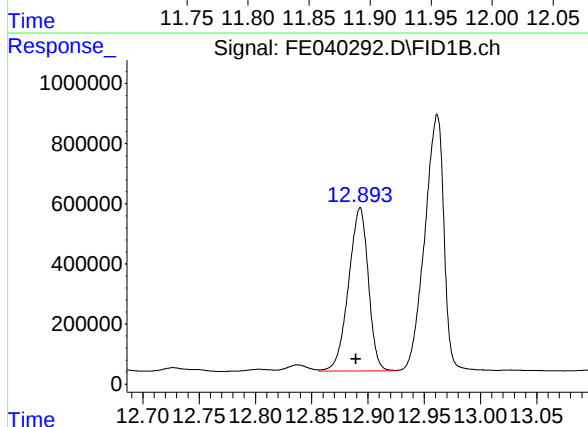
#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 6086929
Conc: 37.61 ug/ml

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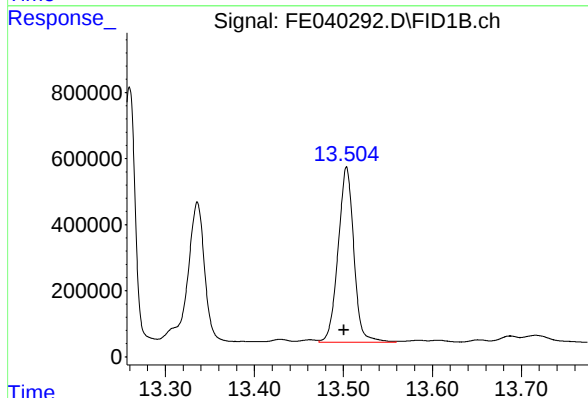
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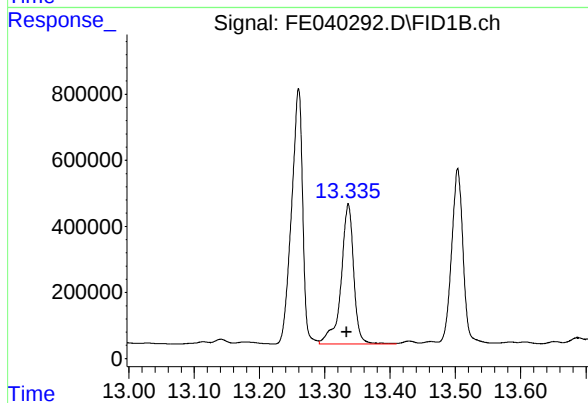
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.004 min
Response: 6626823
Conc: 45.07 ug/ml



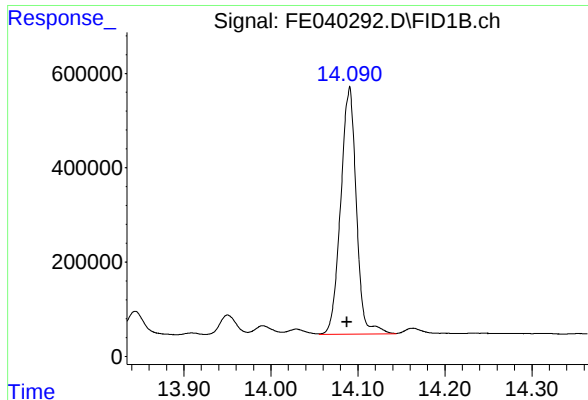
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: 0.003 min
Response: 6520219
Conc: 44.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: 0.003 min
Response: 5714421
Conc: 46.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: 0.003 min
Response: 6561552
Conc: 44.28 ug/ml

Instrument :

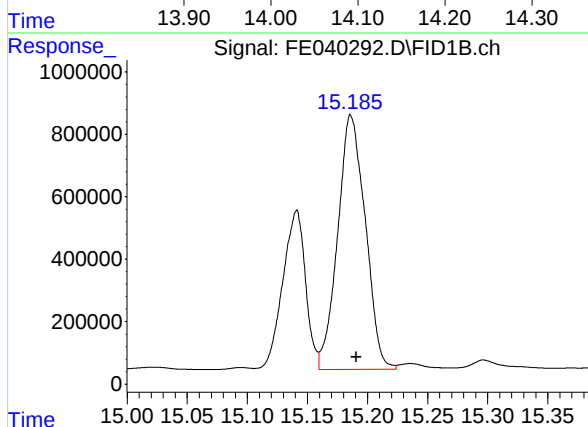
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ClientSampleId :

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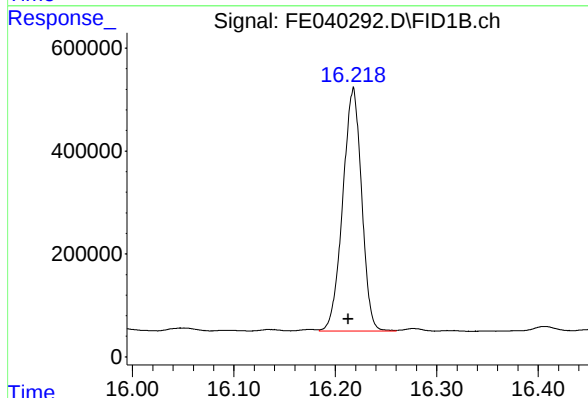
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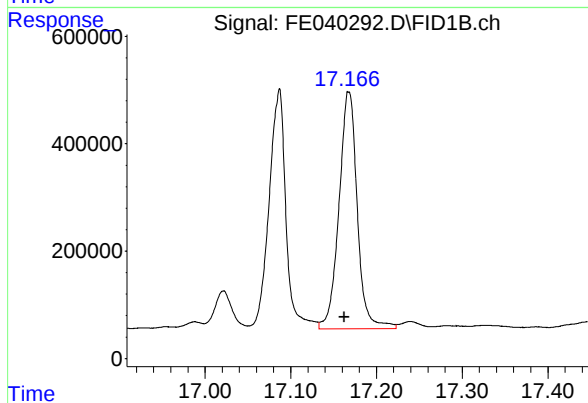
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.005 min
Response: 12996284
Conc: 85.61 ug/ml



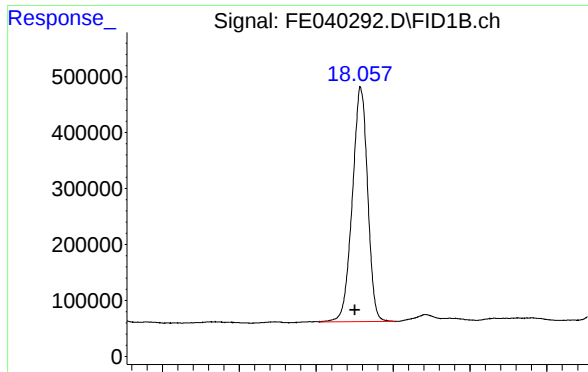
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: 0.005 min
Response: 6128753
Conc: 41.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: 0.005 min
Response: 6536590
Conc: 43.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.058 min
Delta R.T.: 0.008 min
Response: 5803000
Conc: 39.33 ug/ml

Instrument :

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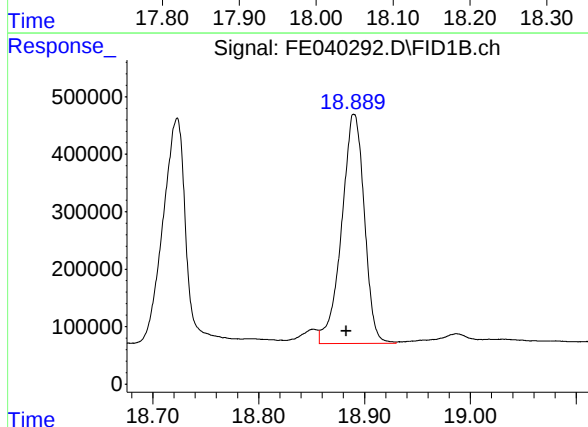
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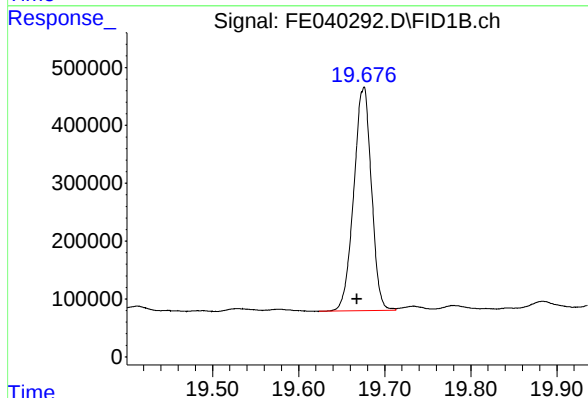
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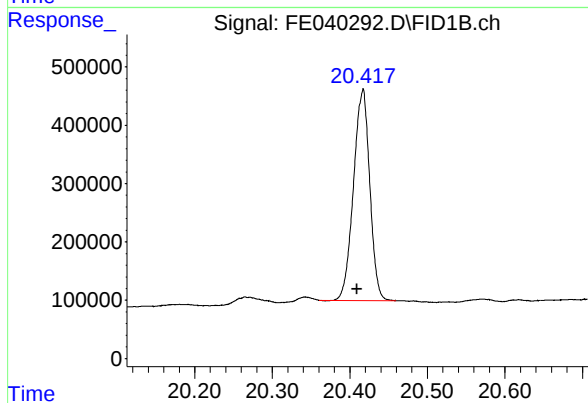
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: 0.007 min
Response: 5948144
Conc: 40.61 ug/ml



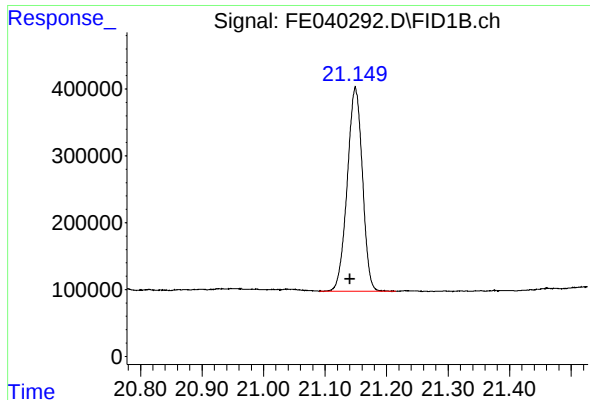
#19 n-Tetatriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.008 min
Response: 5502137
Conc: 40.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: 0.008 min
Response: 5273496
Conc: 39.76 ug/ml



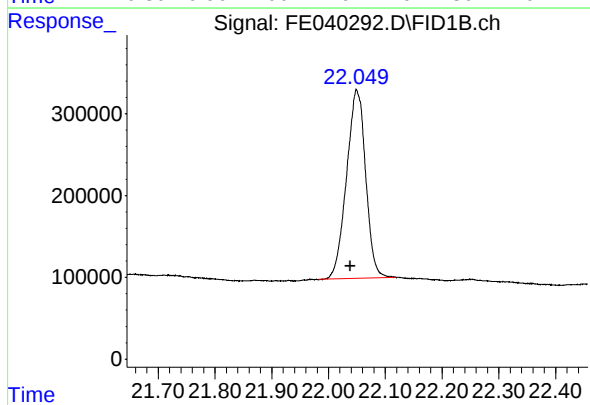
#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: 0.008 min
Response: 5229446
Conc: 40.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: 0.010 min
Response: 5388558
Conc: 40.59 ug/ml m