

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FE049026.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 19:14
 Operator : YP\AJ
 Sample : P3170-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-DRUMS-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :Ankita Jodhani 07/10/2024

Integration File: autoint1.e
 Quant Time: Jul 10 01:27:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.927	4462400	26.687 ug/mlm
Spiked Amount 50.000		Recovery =	53.37%
12) S 1-chlorooctadecane (S...	13.362	3981987	30.967 ug/ml
Spiked Amount 50.000		Recovery =	61.93%
Target Compounds			
1) T n-Nonane (C9)	3.319	5878112	39.098 ug/mlm
2) T n-Decane (C10)	4.567	6772830	44.011 ug/ml
3) T A~Naphthalene (C11.7)	6.271	7806204	49.172 ug/ml
4) T n-Dodecane (C12)	6.731	7169984	46.446 ug/ml
5) T A~2-methylnaphthalene...	7.368	8098397	53.477 ug/ml
6) T n-Tetradecane (C14)	8.561	8105465	52.886 ug/ml
7) T n-Hexadecane (C16)	10.168	8759150	56.020 ug/ml
8) T n-Octadecane (C18)	11.612	8895986	55.779 ug/ml
10) T n-Eicosane (C20)	12.920	8910783	57.476 ug/ml
11) T n-Heneicosane (C21)	13.531	8602699	56.498 ug/ml
13) T n-Docosane (C22)	14.117	8537739	56.454 ug/ml
14) T n-Tetracosane (C24)	15.215	16125664	107.304 ug/ml
15) T n-Hexacosane (C26)	16.241	8416010	57.007 ug/ml
16) T n-Octacosane (C28)	17.189	8698288	60.315 ug/ml
17) T n-Tricontane (C30)	18.077	8430263	57.624 ug/ml
18) T n-Dotriacontane (C32)	18.907	8546096	59.771 ug/ml
19) T n-Tetratriacontane (C34)	19.691	8643899	62.469 ug/ml
20) T n-Hexatriacontane (C36)	20.430	8802378	67.728 ug/ml
21) T n-Octatriacontane (C38)	21.166	9350102	72.936 ug/ml
22) T n-Tetracontane (C40)	22.079	9297889	75.926 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

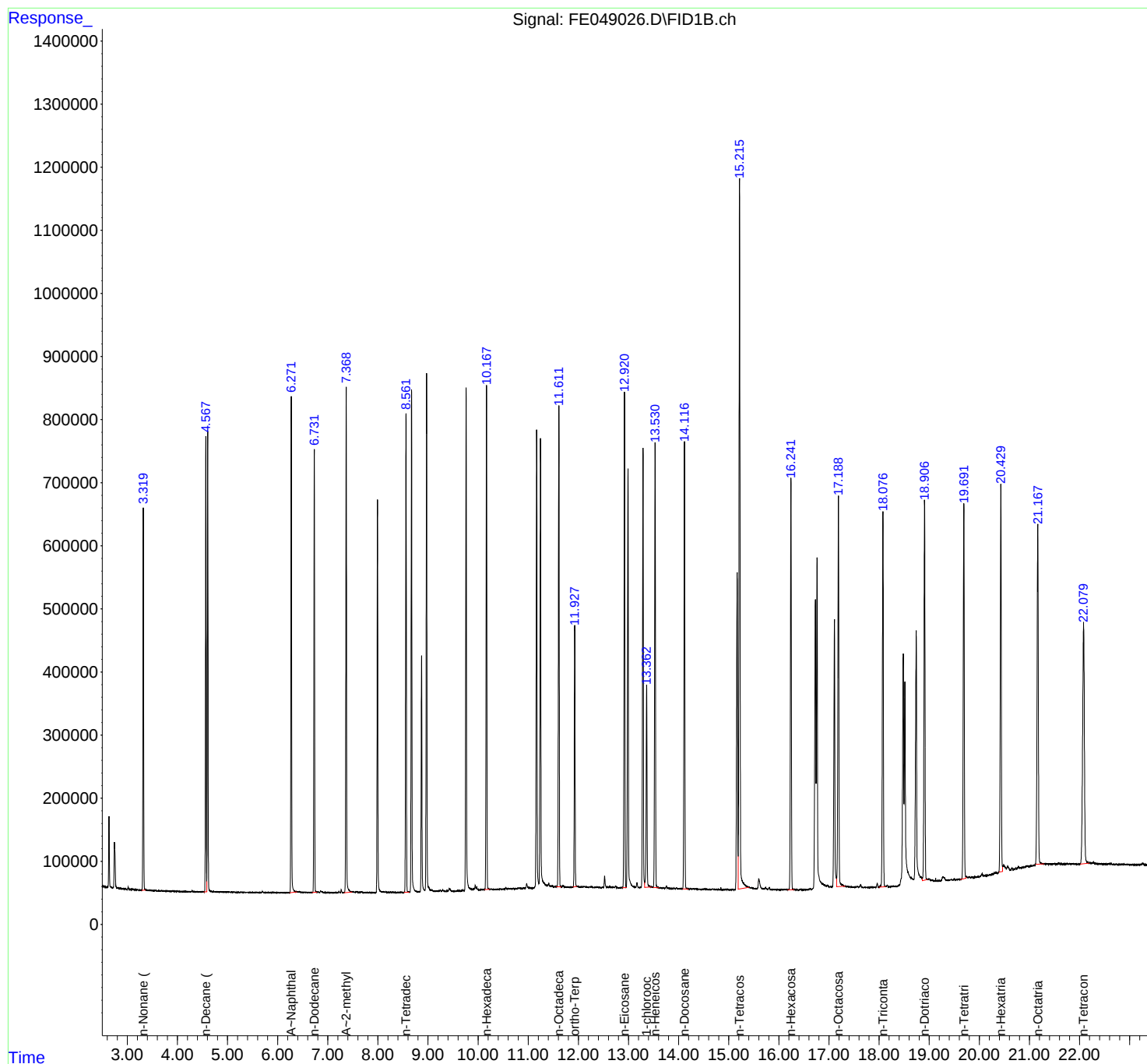
Instrument :
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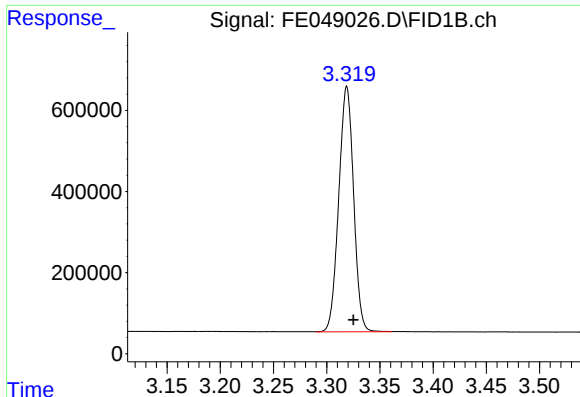
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#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.006 min
Response: 5878112
Conc: 39.10 ug/ml

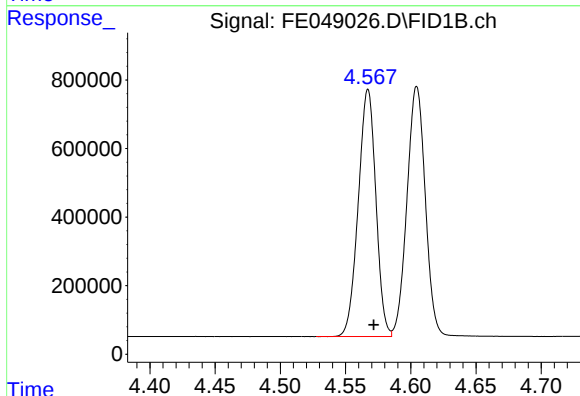
Instrument :

FID_E

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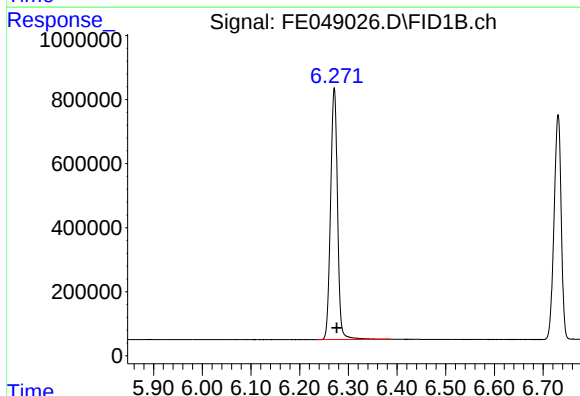
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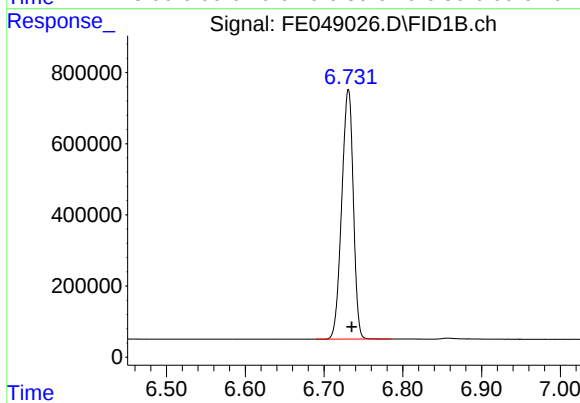
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.004 min
Response: 6772830
Conc: 44.01 ug/ml



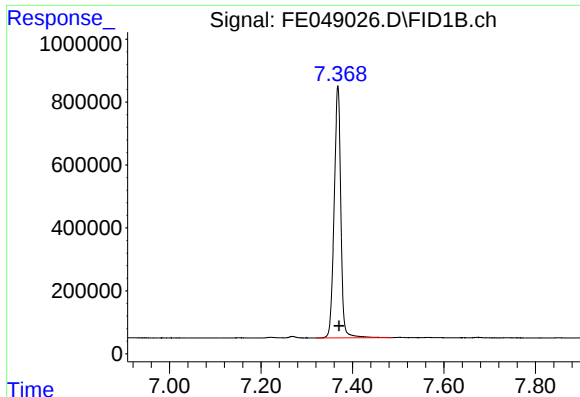
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 7806204
Conc: 49.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 7169984
Conc: 46.45 ug/ml



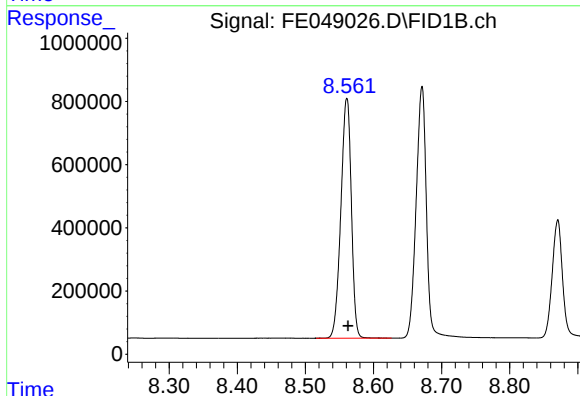
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 8098397
Conc: 53.48 ug/ml

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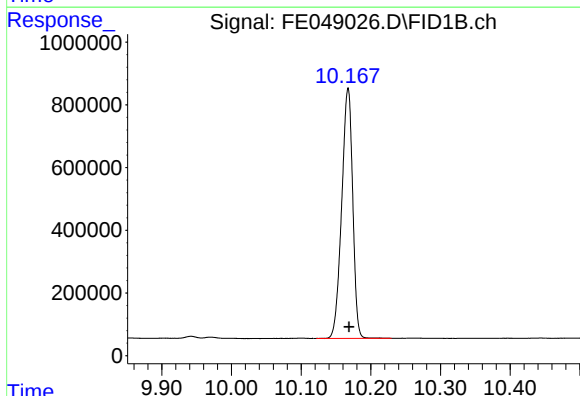
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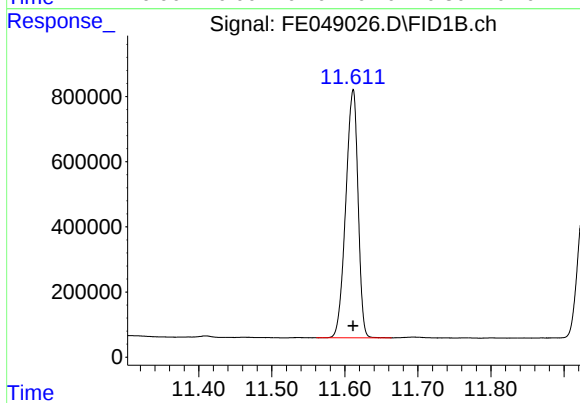
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 8105465
Conc: 52.89 ug/ml



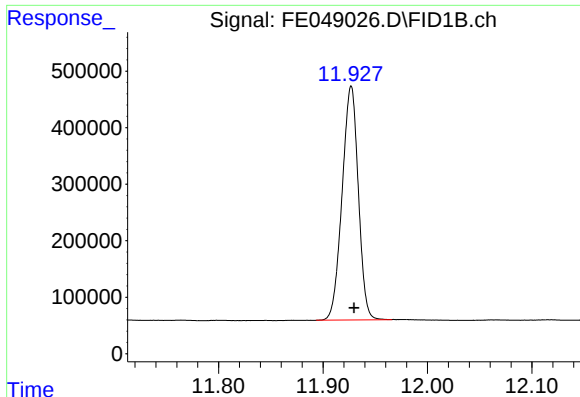
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.001 min
Response: 8759150
Conc: 56.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 8895986
Conc: 55.78 ug/ml



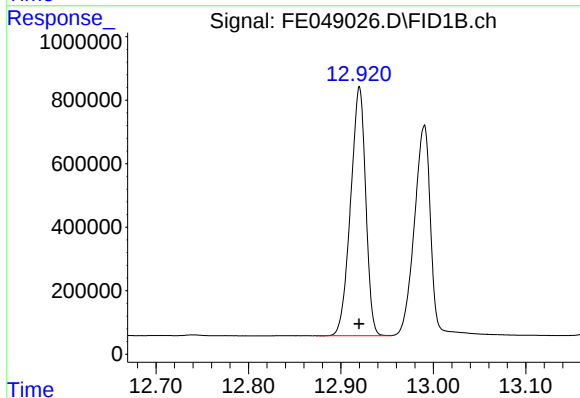
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.003 min
Response: 4462400
Conc: 26.69 ug/ml

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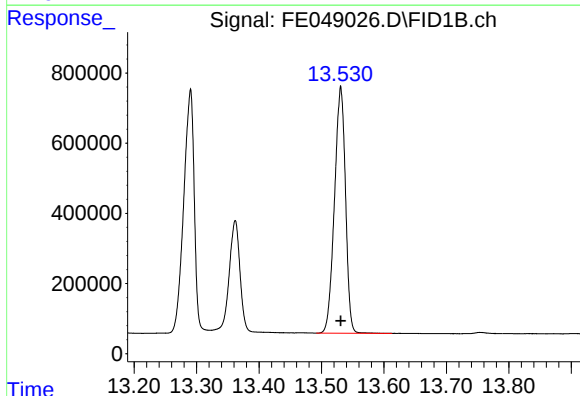
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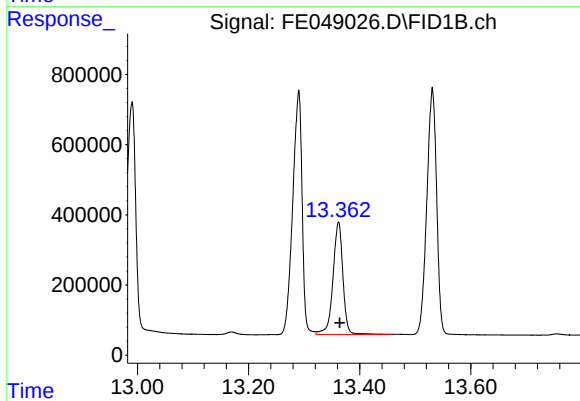
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 8910783
Conc: 57.48 ug/ml



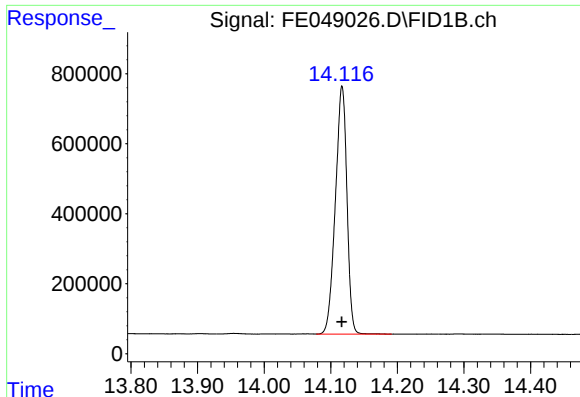
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 8602699
Conc: 56.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 3981987
Conc: 30.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 8537739
Conc: 56.45 ug/ml

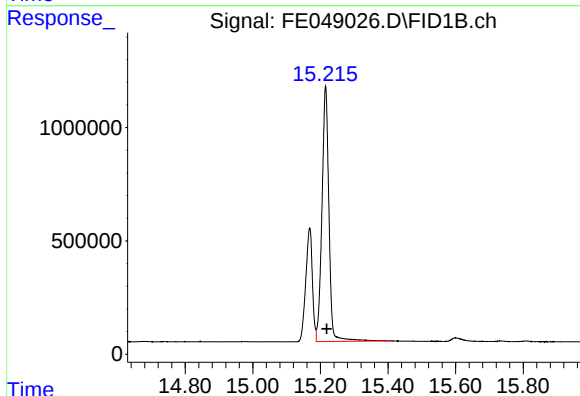
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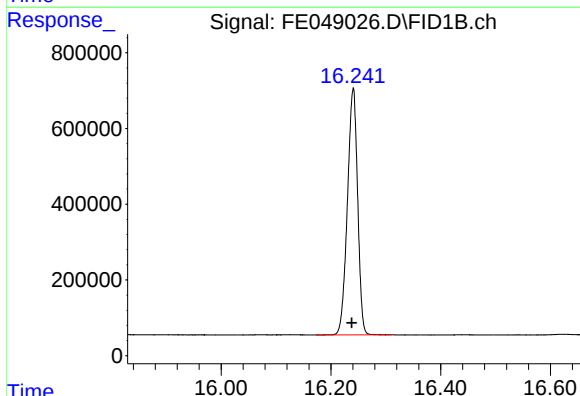
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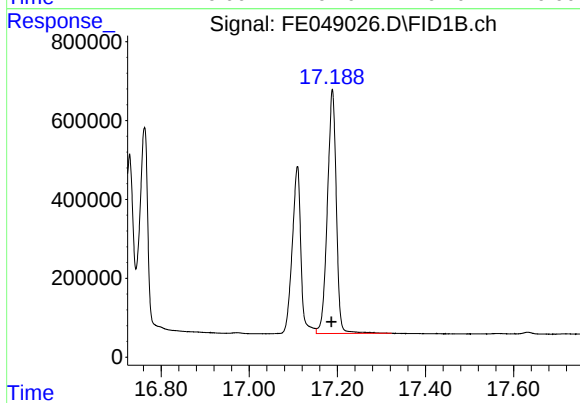
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.003 min
Response: 16125664
Conc: 107.30 ug/ml



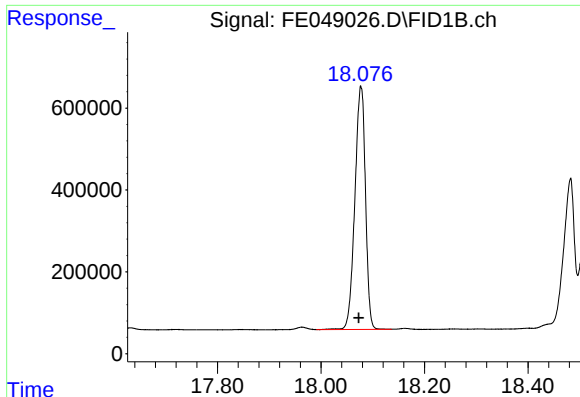
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.003 min
Response: 8416010
Conc: 57.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.003 min
Response: 8698288
Conc: 60.31 ug/ml



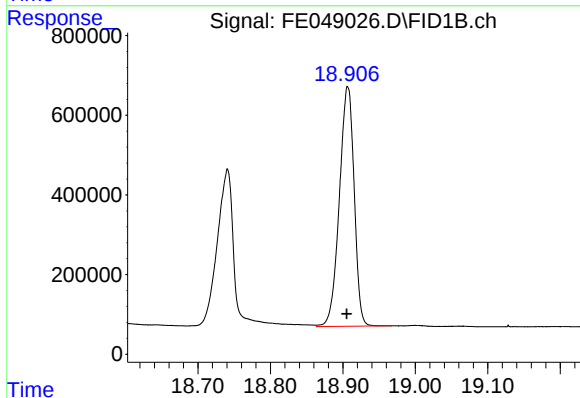
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.004 min
Response: 8430263
Conc: 57.62 ug/ml

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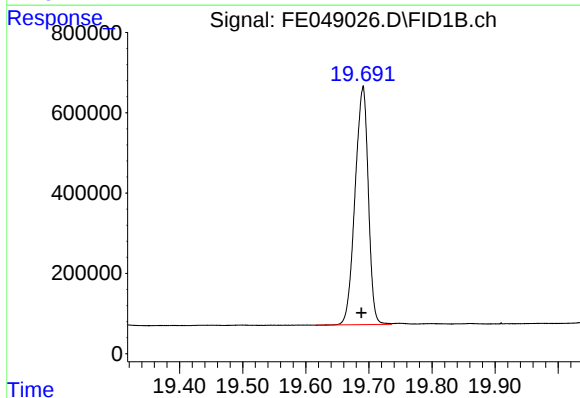
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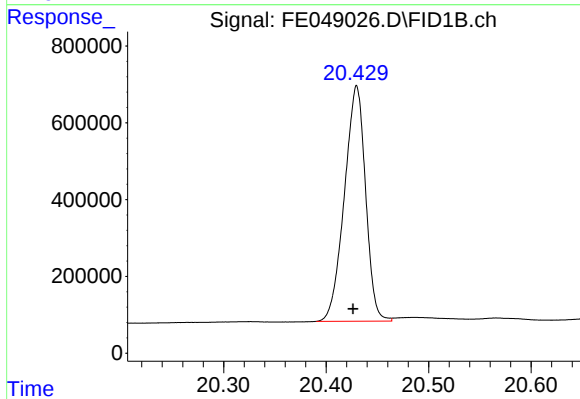
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.001 min
Response: 8546096
Conc: 59.77 ug/ml



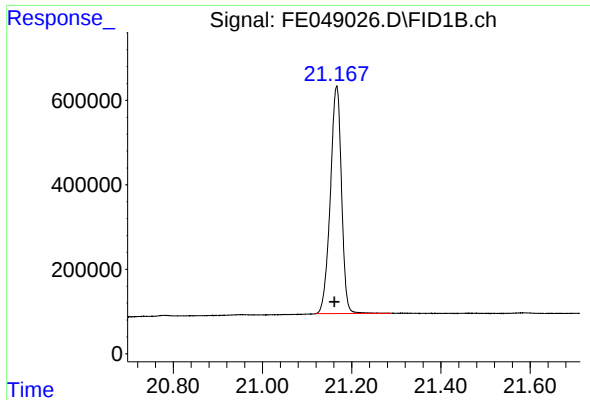
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.003 min
Response: 8643899
Conc: 62.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.003 min
Response: 8802378
Conc: 67.73 ug/ml



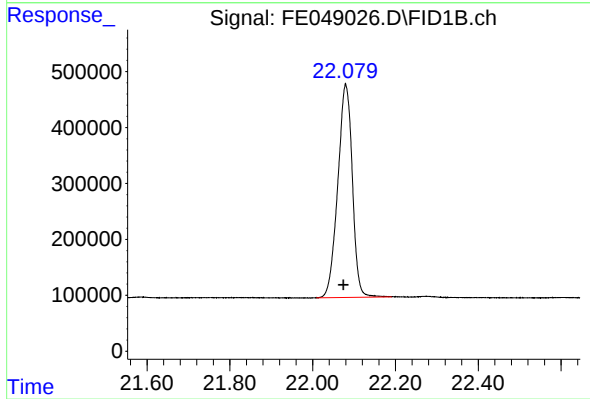
#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: 0.005 min
Response: 9350102
Conc: 72.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: 0.005 min
Response: 9297889
Conc: 75.93 ug/ml m