

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
 Data File : FE047198.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2024 14:01
 Operator : YP\AJ
 Sample : P1326-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e

Quant Time: Mar 19 04:04:12 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M

Quant Title : GC Extractables

QLast Update : Thu Mar 14 01:54:27 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)	11.977	5189956	31.456 ug/ml
Spiked Amount 50.000		Recovery =	62.91%
12) S 1-chlorooctadecane (S...	13.409	4169549	32.702 ug/mlm
Spiked Amount 50.000		Recovery =	65.40%
Target Compounds			
1) T n-Nonane (C9)	3.367	5504868	36.614 ug/ml
2) T n-Decane (C10)	4.619	6439902	42.004 ug/ml
3) T A~Naphthalene (C11.7)	6.319	7082769	44.424 ug/ml
4) T n-Dodecane (C12)	6.781	7100205	46.145 ug/ml
5) T A~2-methylnaphthalene...	7.414	7151384	46.598 ug/ml
6) T n-Tetradecane (C14)	8.610	7317827	48.028 ug/ml
7) T n-Hexadecane (C16)	10.216	7476473	47.498 ug/ml
8) T n-Octadecane (C18)	11.658	7812509	49.058 ug/ml
10) T n-Eicosane (C20)	12.968	7922056	51.540 ug/ml
11) T n-Heneicosane (C21)	13.579	7745629	51.191 ug/ml
13) T n-Docosane (C22)	14.163	7655698	50.884 ug/ml
14) T n-Tetracosane (C24)	15.264	7352088	49.231 ug/mlm
15) T n-Hexacosane (C26)	16.285	7373516	50.616 ug/ml
16) T n-Octacosane (C28)	17.231	7434339	52.688 ug/ml
17) T n-Tricontane (C30)	18.117	7300151	51.641 ug/ml
18) T n-Dotriacontane (C32)	18.947	7196114	52.181 ug/ml
19) T n-Tetratriacontane (C34)	19.727	7124748	54.571 ug/ml
20) T n-Hexatriacontane (C36)	20.467	6880886	55.234 ug/mlm
21) T n-Octatriacontane (C38)	21.209	6902977	55.592 ug/ml
22) T n-Tetracontane (C40)	22.138	6702804	56.987 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P1326-03MSD
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ALS Vial : 10 Sample Multiplier: 1

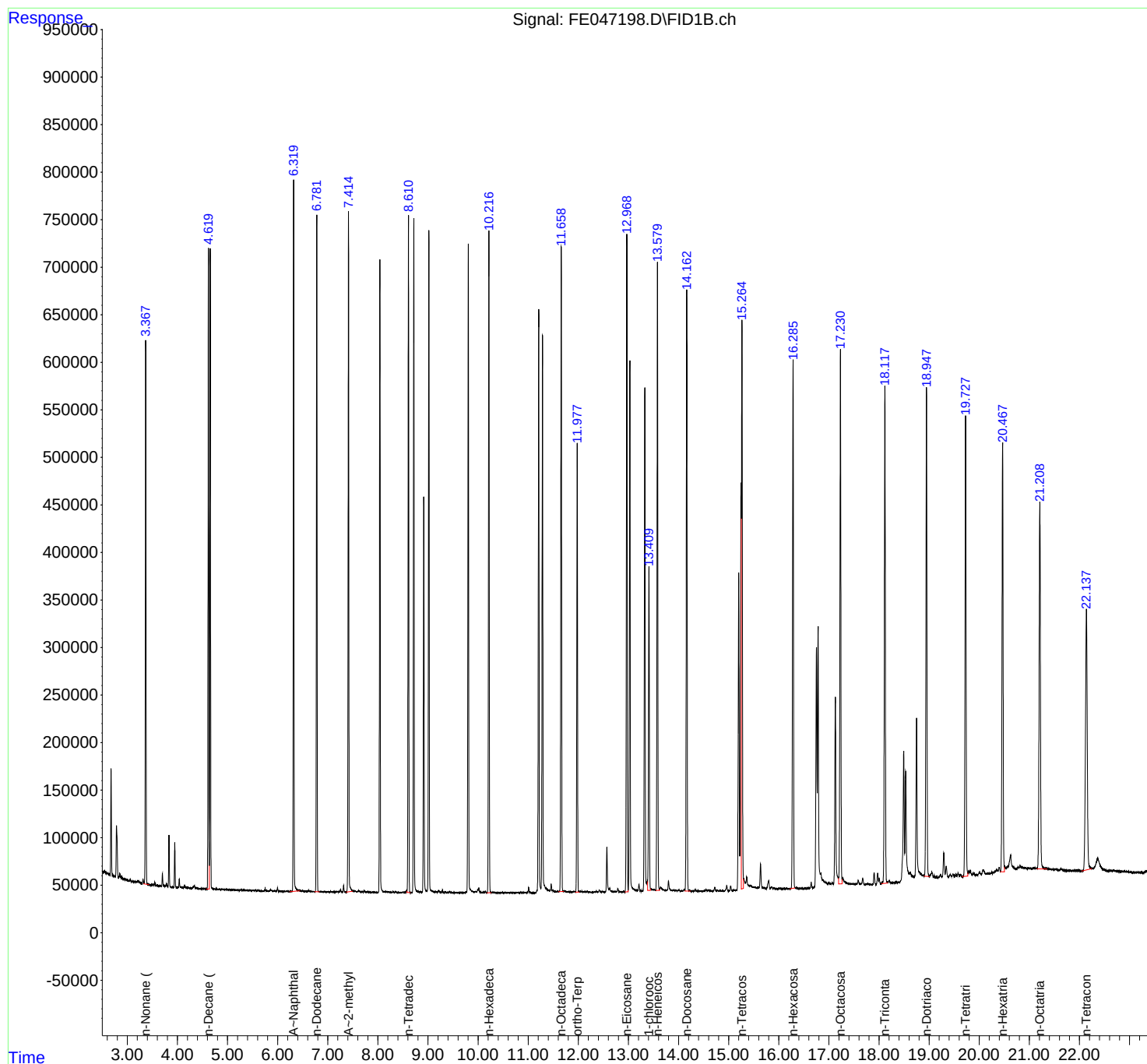
Instrument :
FID_E
ClientSampleId :
1MSD

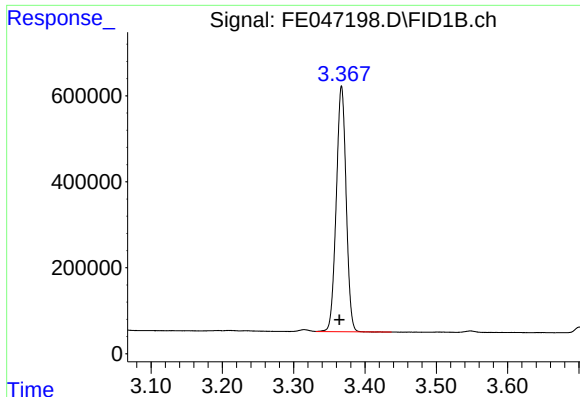
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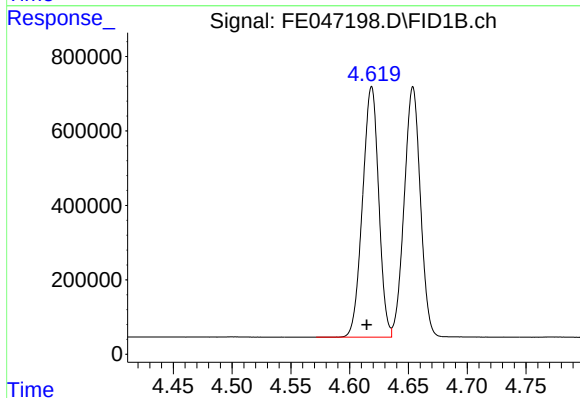
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 5504868
Conc: 36.61 ug/ml

Instrument :
FID_E
ClientSampleId :
1MSD

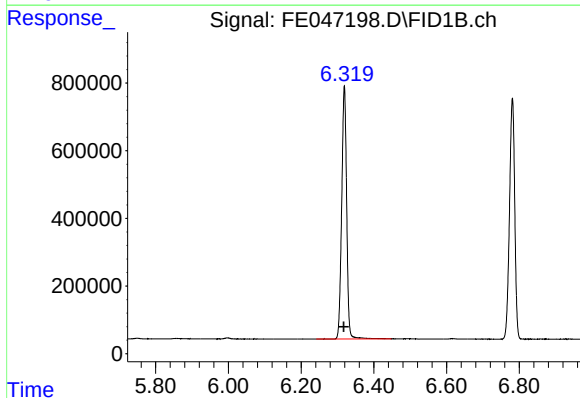
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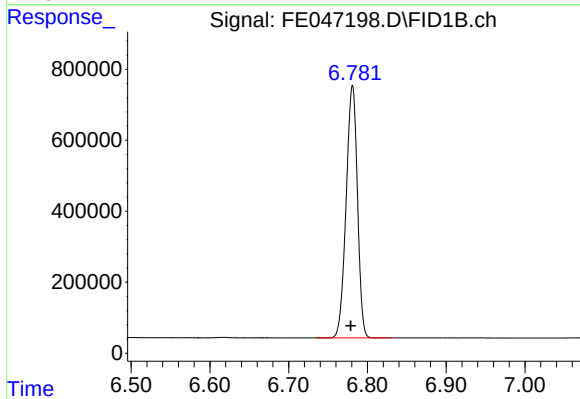
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.004 min
Response: 6439902
Conc: 42.00 ug/ml



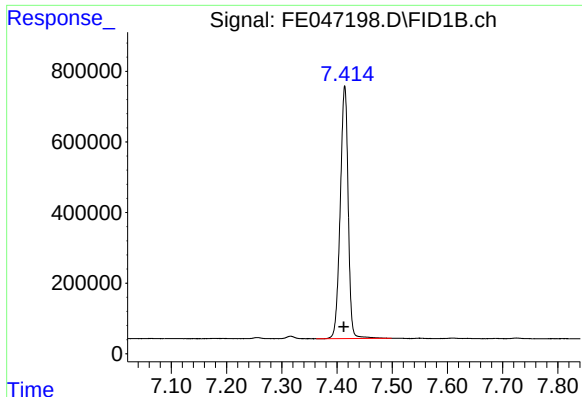
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 7082769
Conc: 44.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 7100205
Conc: 46.14 ug/ml



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

R.T.: 7.414 min
Delta R.T.: 0.002 min
Response: 7151384
Conc: 46.60 ug/ml

Instrument :

FID_E

ClientSampleId :

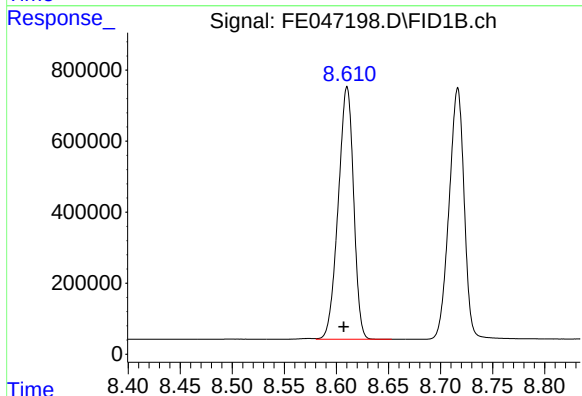
1MSD

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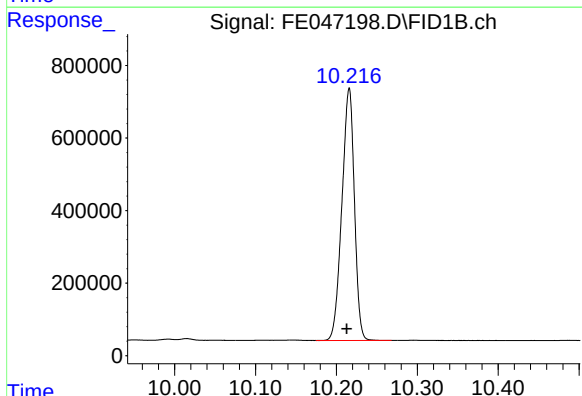
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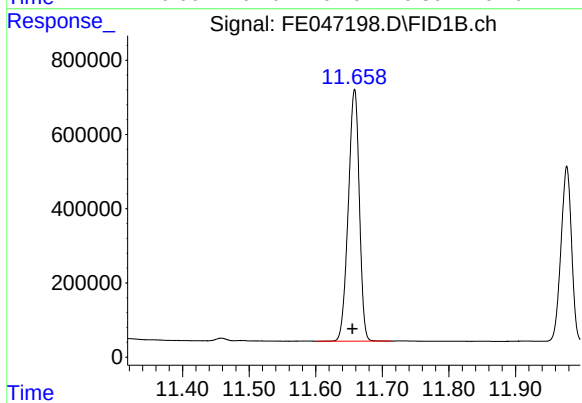
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.003 min
Response: 7317827
Conc: 48.03 ug/ml



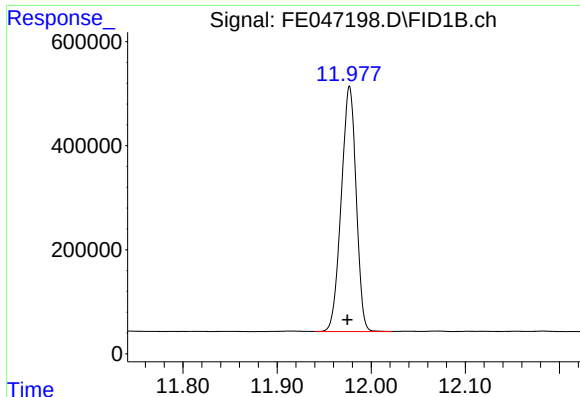
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.003 min
Response: 7476473
Conc: 47.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.003 min
Response: 7812509
Conc: 49.06 ug/ml



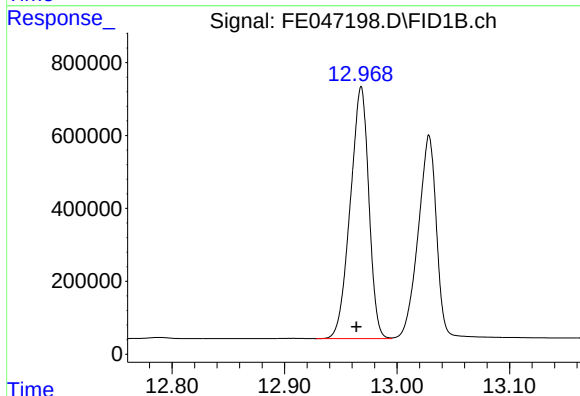
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 5189956
Conc: 31.46 ug/ml

Instrument :
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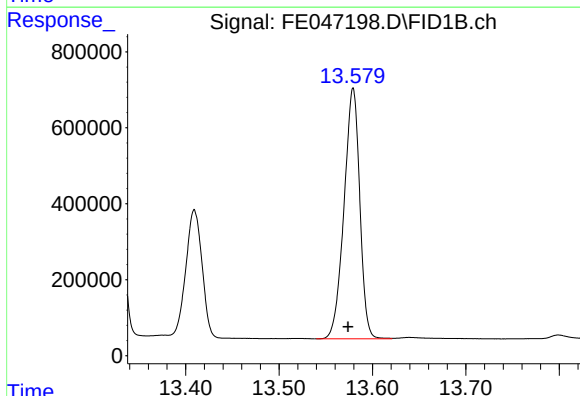
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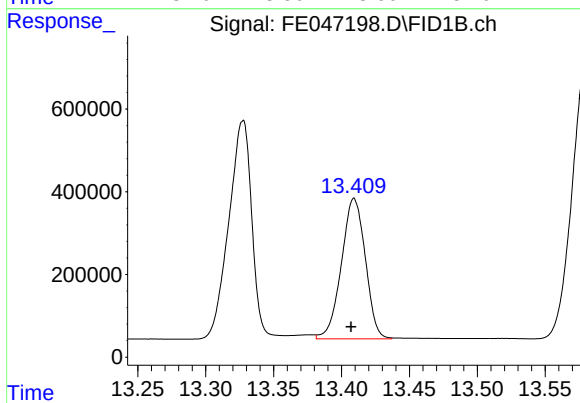
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.004 min
Response: 7922056
Conc: 51.54 ug/ml



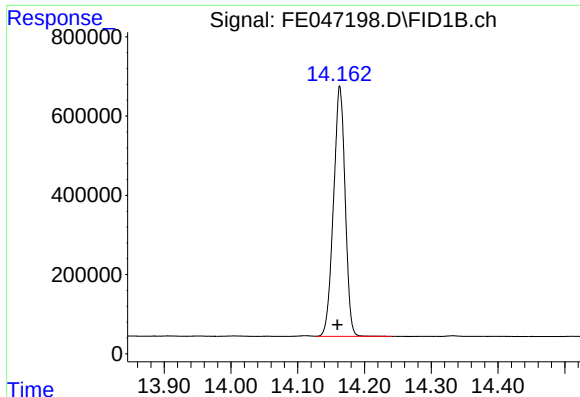
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.006 min
Response: 7745629
Conc: 51.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.002 min
Response: 4169549
Conc: 32.70 ug/ml m



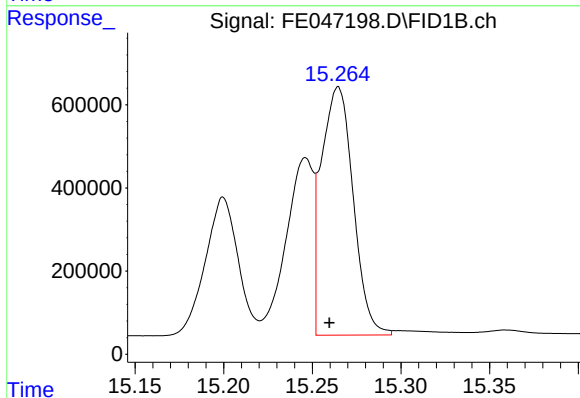
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.003 min
Response: 7655698
Conc: 50.88 ug/ml

Instrument :
FID_E
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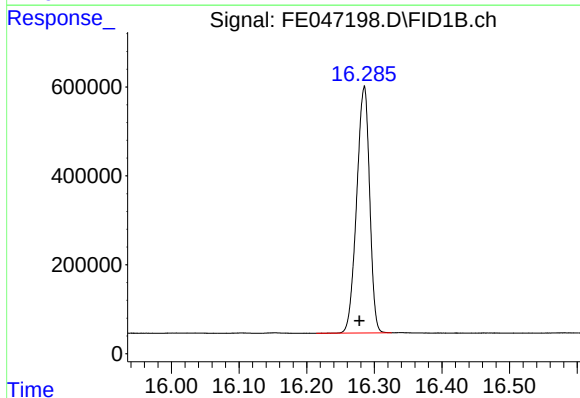
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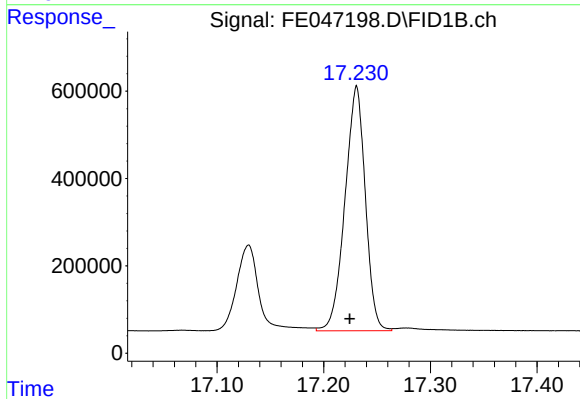
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.005 min
Response: 7352088
Conc: 49.23 ug/ml m



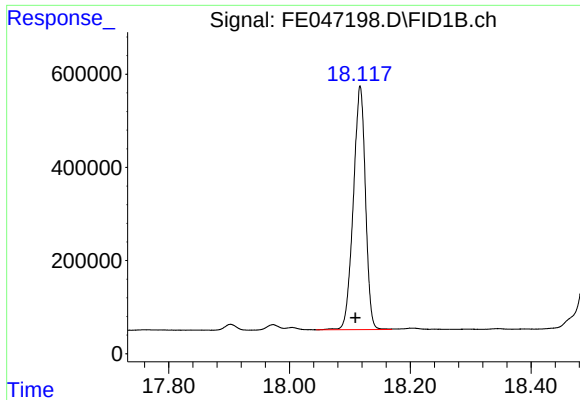
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.007 min
Response: 7373516
Conc: 50.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.006 min
Response: 7434339
Conc: 52.69 ug/ml



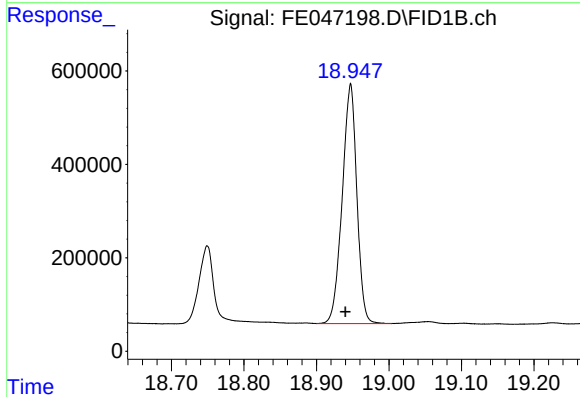
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.008 min
Response: 7300151
Conc: 51.64 ug/ml

Instrument :
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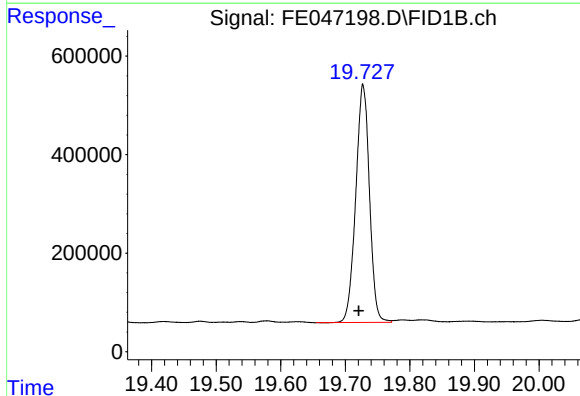
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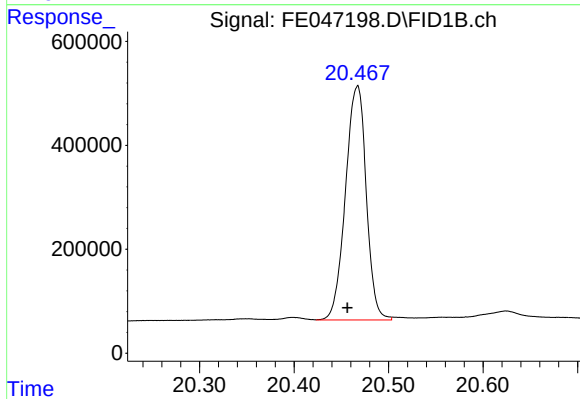
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: 0.007 min
Response: 7196114
Conc: 52.18 ug/ml



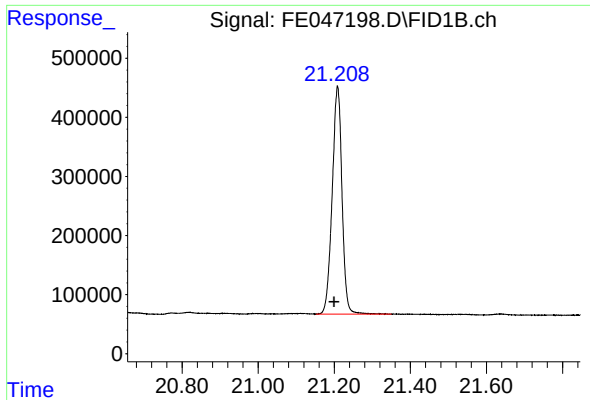
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.006 min
Response: 7124748
Conc: 54.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.011 min
Response: 6880886
Conc: 55.23 ug/ml m



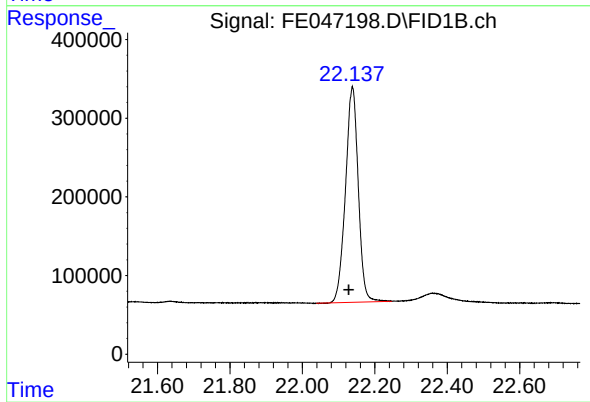
#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.009 min
Response: 6902977
Conc: 55.59 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.010 min
Response: 6702804
Conc: 56.99 ug/ml