

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
 Data File : FE042001.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 20:21
 Operator : YP\AJ
 Sample : 02825-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-01-051723MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e
 Quant Time: May 19 01:42:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.972	5355275	30.328 ug/ml
Spiked Amount 50.000		Recovery =	60.66%
12) S 1-chlorooctadecane (S...	13.408	4297069	32.338 ug/ml
Spiked Amount 50.000		Recovery =	64.68%
Target Compounds			
1) T n-Nonane (C9)	3.348	3408050	23.635 ug/ml
2) T n-Decane (C10)	4.602	3816388	25.780 ug/ml
3) T A~Naphthalene (C11.7)	6.309	4394943	26.936 ug/ml
4) T n-Dodecane (C12)	6.770	4246621	28.319 ug/ml
5) T A~2-methylnaphthalene...	7.406	4451699	28.051 ug/ml
6) T n-Tetradecane (C14)	8.601	4708453	31.430 ug/ml
7) T n-Hexadecane (C16)	10.208	5262073	33.781 ug/ml
8) T n-Octadecane (C18)	11.653	5385928	34.059 ug/ml
10) T n-Eicosane (C20)	12.963	5360406	35.363 ug/ml
11) T n-Heneicosane (C21)	13.575	5072363	34.237 ug/ml
13) T n-Docosane (C22)	14.160	4994903	34.072 ug/ml
14) T n-Tetracosane (C24)	15.255	9002073	62.360 ug/ml
15) T n-Hexacosane (C26)	16.288	4681687	33.803 ug/ml
16) T n-Octacosane (C28)	17.238	4499523	33.608 ug/ml
17) T n-Tricontane (C30)	18.127	4784906	35.446 ug/ml
18) T n-Dotriacontane (C32)	18.960	4646891	34.784 ug/ml
19) T n-Tetratriacontane (C34)	19.743	4668484	35.499 ug/ml
20) T n-Hexatriacontane (C36)	20.484	4590735	35.321 ug/mlm
21) T n-Octatriacontane (C38)	21.240	4949823	36.484 ug/ml
22) T n-Tetracontane (C40)	22.180	4918539	35.355 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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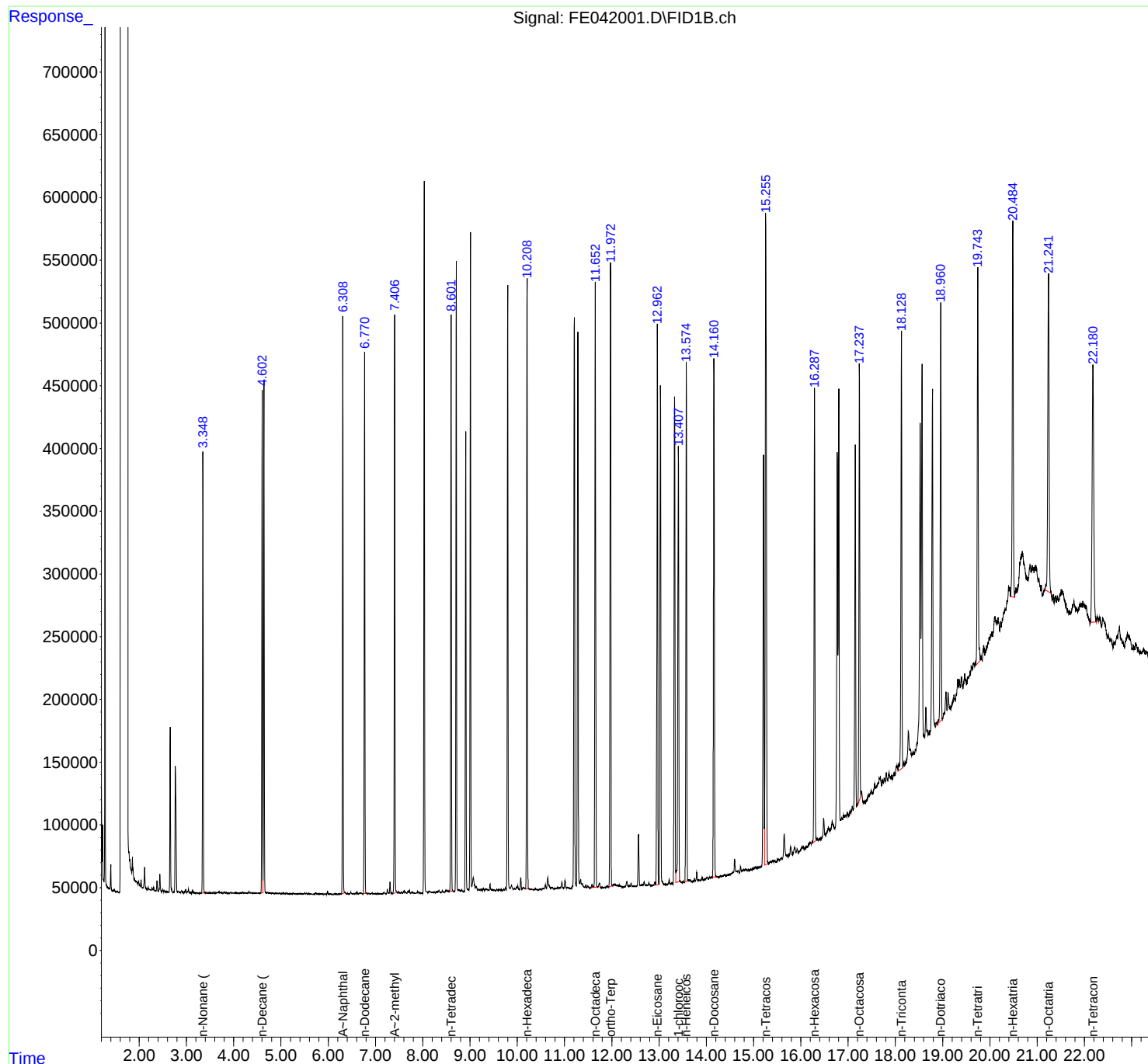
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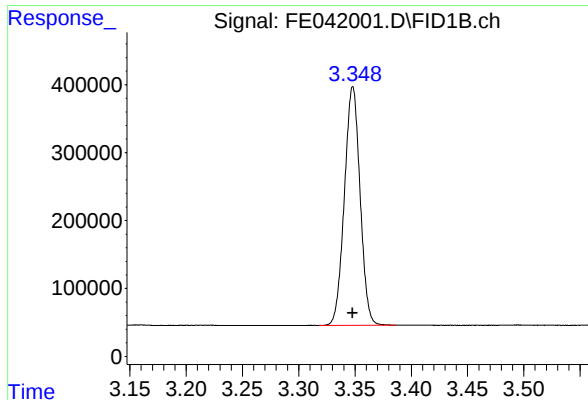
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#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 3408050
Conc: 23.63 ug/ml

Instrument :

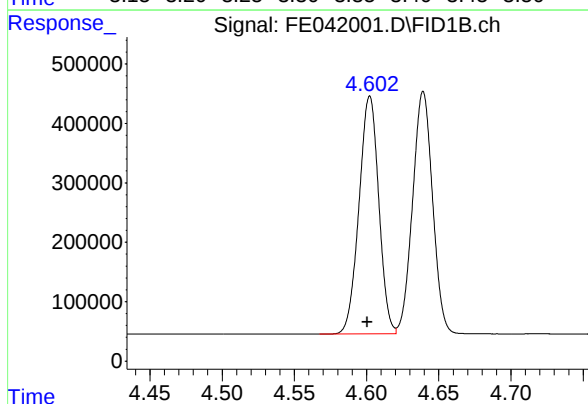
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ClientSampleId :

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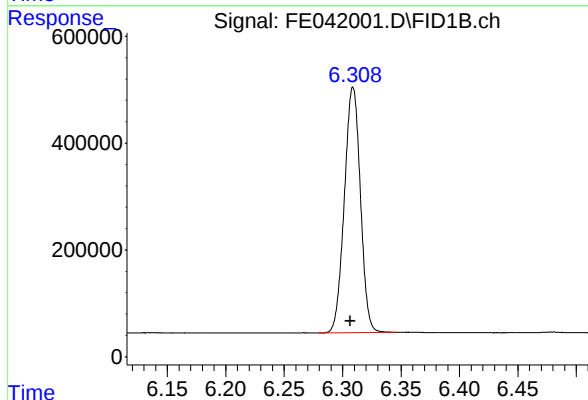
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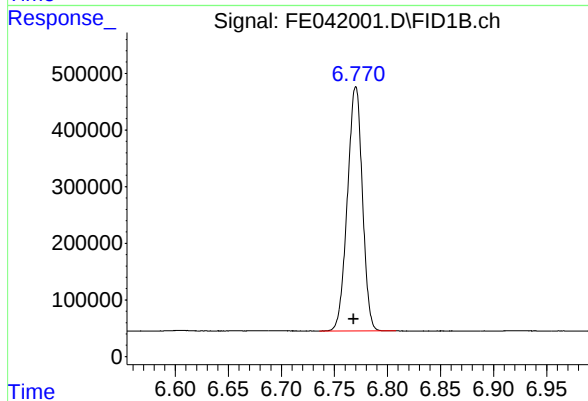
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.002 min
Response: 3816388
Conc: 25.78 ug/ml



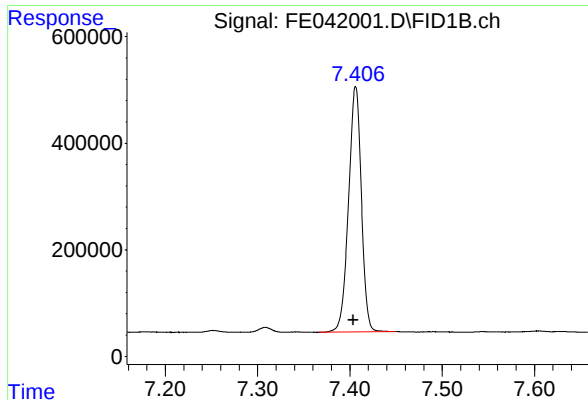
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.002 min
Response: 4394943
Conc: 26.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: 0.002 min
Response: 4246621
Conc: 28.32 ug/ml



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

R.T.: 7.406 min
Delta R.T.: 0.003 min
Response: 4451699
Conc: 28.05 ug/ml

Instrument :

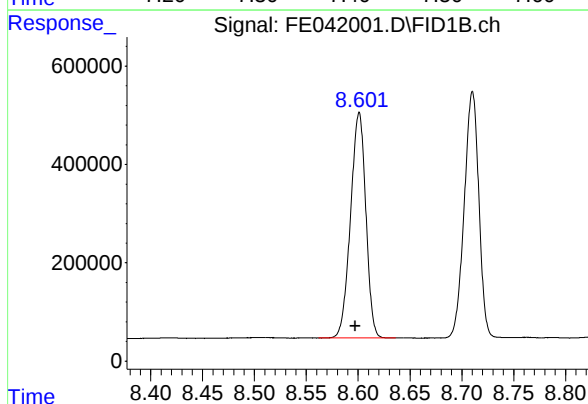
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ClientSampleId :

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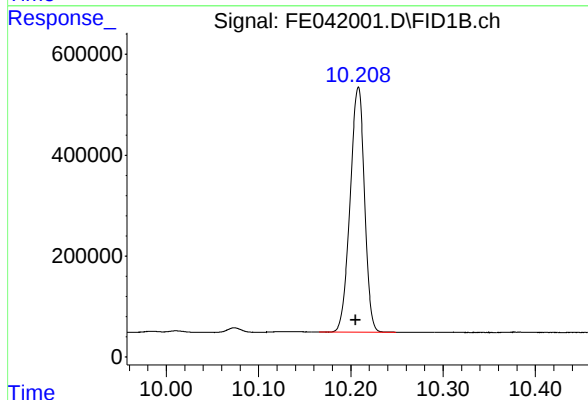
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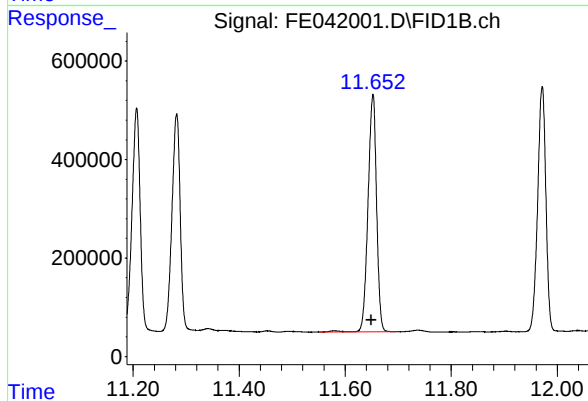
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.004 min
Response: 4708453
Conc: 31.43 ug/ml



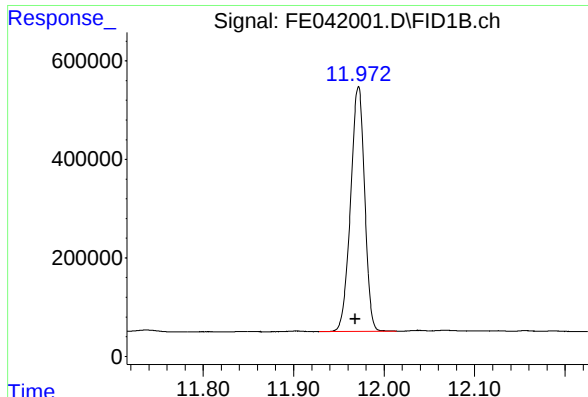
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: 0.003 min
Response: 5262073
Conc: 33.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.003 min
Response: 5385928
Conc: 34.06 ug/ml



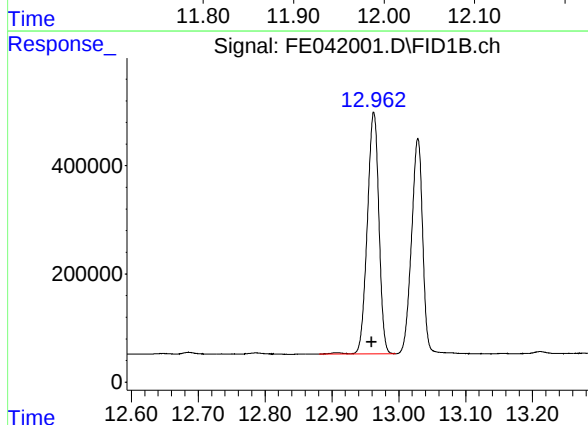
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.004 min
Response: 5355275
Conc: 30.33 ug/ml

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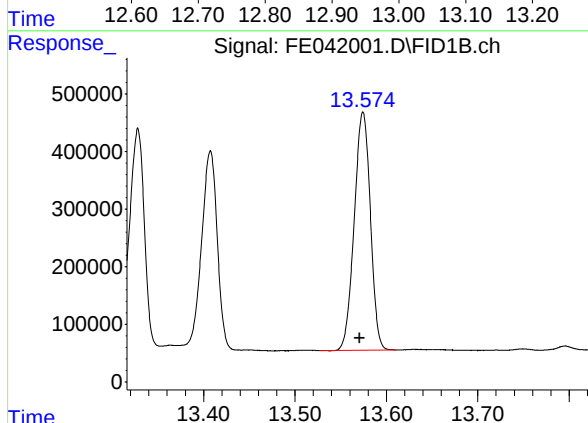
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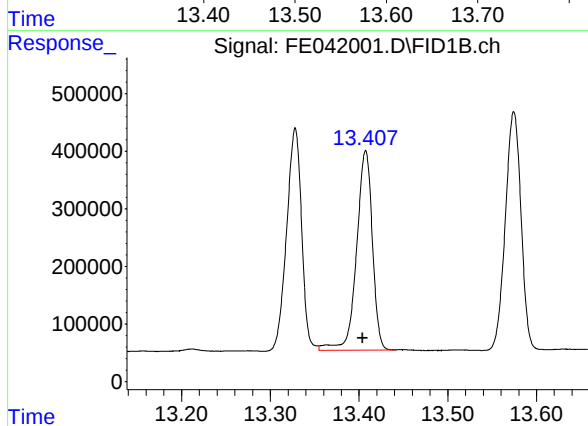
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 5360406
Conc: 35.36 ug/ml



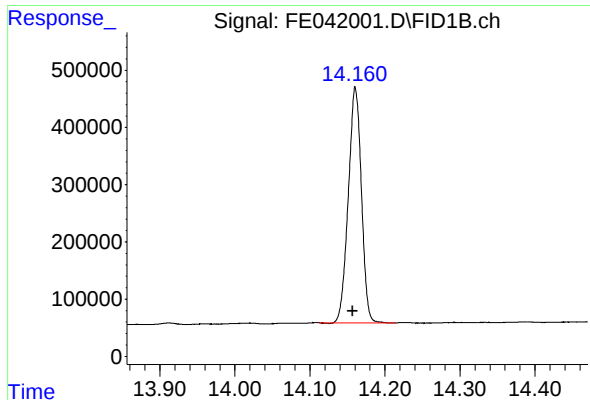
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.004 min
Response: 5072363
Conc: 34.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.003 min
Response: 4297069
Conc: 32.34 ug/ml



#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: 0.003 min
Response: 4994903
Conc: 34.07 ug/ml

Instrument :

FID_E

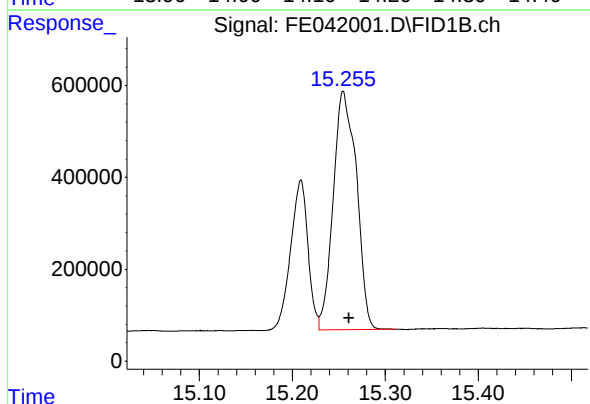
ClientSampleId :

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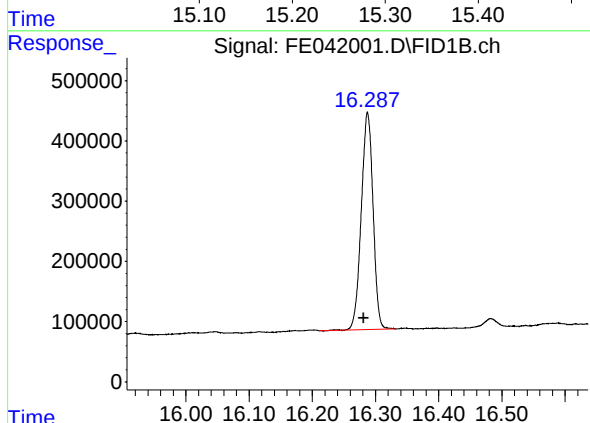
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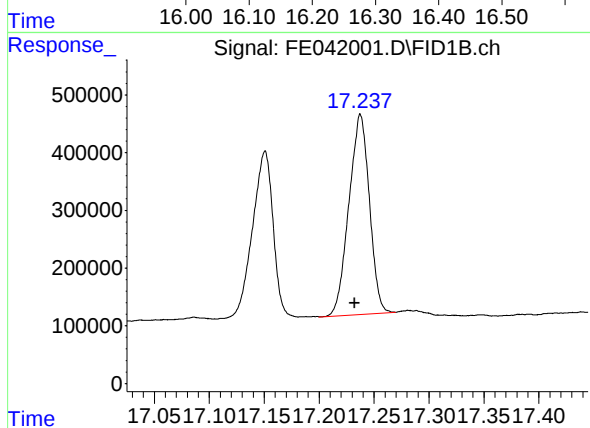
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.006 min
Response: 9002073
Conc: 62.36 ug/ml



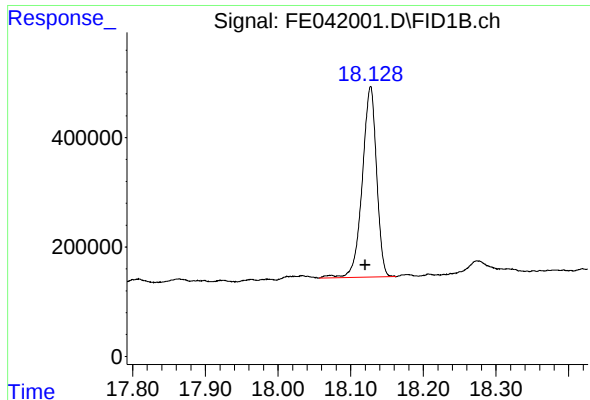
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.006 min
Response: 4681687
Conc: 33.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.005 min
Response: 4499523
Conc: 33.61 ug/ml



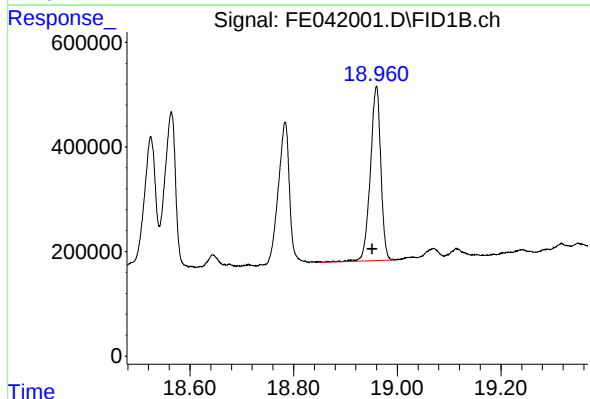
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.008 min
Response: 4784906
Conc: 35.45 ug/ml

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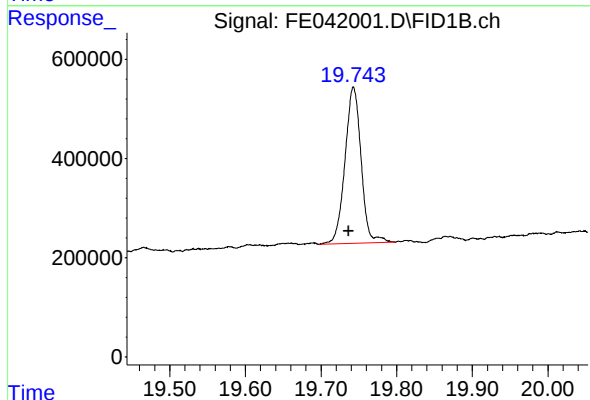
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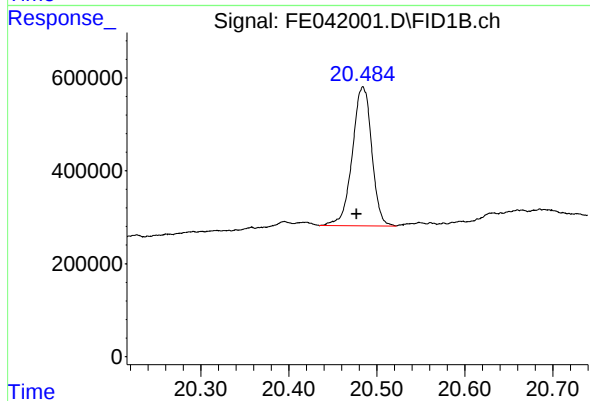
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.008 min
Response: 4646891
Conc: 34.78 ug/ml



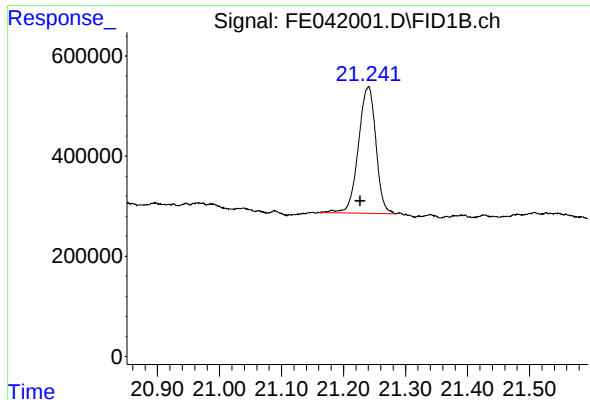
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.006 min
Response: 4668484
Conc: 35.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: 0.007 min
Response: 4590735
Conc: 35.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.013 min
Response: 4949823
Conc: 36.48 ug/ml

Instrument :

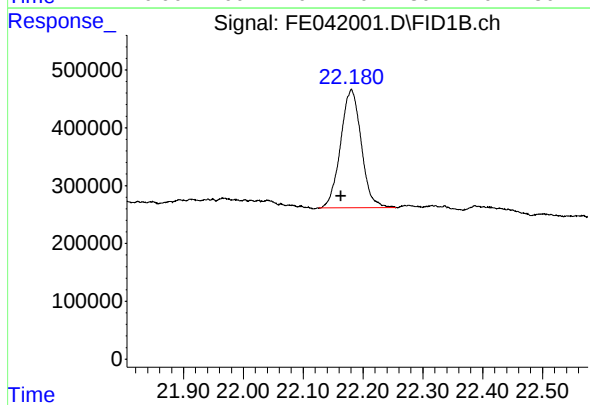
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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: 0.017 min
Response: 4918539
Conc: 35.35 ug/ml m