

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046313.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 18:19
 Operator : YP\AJ
 Sample : PB158520BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158520BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 22:10:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.829	9112224	50.143 ug/ml
Spiked Amount 50.000		Recovery =	100.29%
12) S 1-chlorooctadecane (S...	13.272	7306567	54.686 ug/ml
Spiked Amount 50.000		Recovery =	109.37%
Target Compounds			
1) T n-Nonane (C9)	3.230	7282777	47.586 ug/ml
2) T n-Decane (C10)	4.473	7593447	48.928 ug/ml
3) T A~Naphthalene (C11.7)	6.170	8975017	53.967 ug/ml
4) T n-Dodecane (C12)	6.634	8140002	52.134 ug/ml
5) T A~2-methylnaphthalene...	7.265	8825516	55.433 ug/ml
6) T n-Tetradecane (C14)	8.461	8306138	53.322 ug/ml
7) T n-Hexadecane (C16)	10.069	8317192	52.522 ug/ml
8) T n-Octadecane (C18)	11.514	8457973	53.738 ug/ml
10) T n-Eicosane (C20)	12.827	8463077	55.944 ug/ml
11) T n-Heneicosane (C21)	13.439	8095696	55.054 ug/ml
13) T n-Docosane (C22)	14.026	7972166	54.540 ug/ml
14) T n-Tetracosane (C24)	15.129	17626866	121.537 ug/ml
15) T n-Hexacosane (C26)	16.154	7507702	52.367 ug/ml
16) T n-Octacosane (C28)	17.106	9139434	63.725 ug/mlm
17) T n-Tricontane (C30)	17.999	7426171	49.962 ug/ml
18) T n-Dotriacontane (C32)	18.831	8242148	55.109 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	7467723	52.128 ug/ml
20) T n-Hexatriacontane (C36)	20.362	7573338	51.943 ug/mlm
21) T n-Octatriacontane (C38)	21.092	8218620	55.735 ug/ml
22) T n-Tetracontane (C40)	21.985	9181445	58.658 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

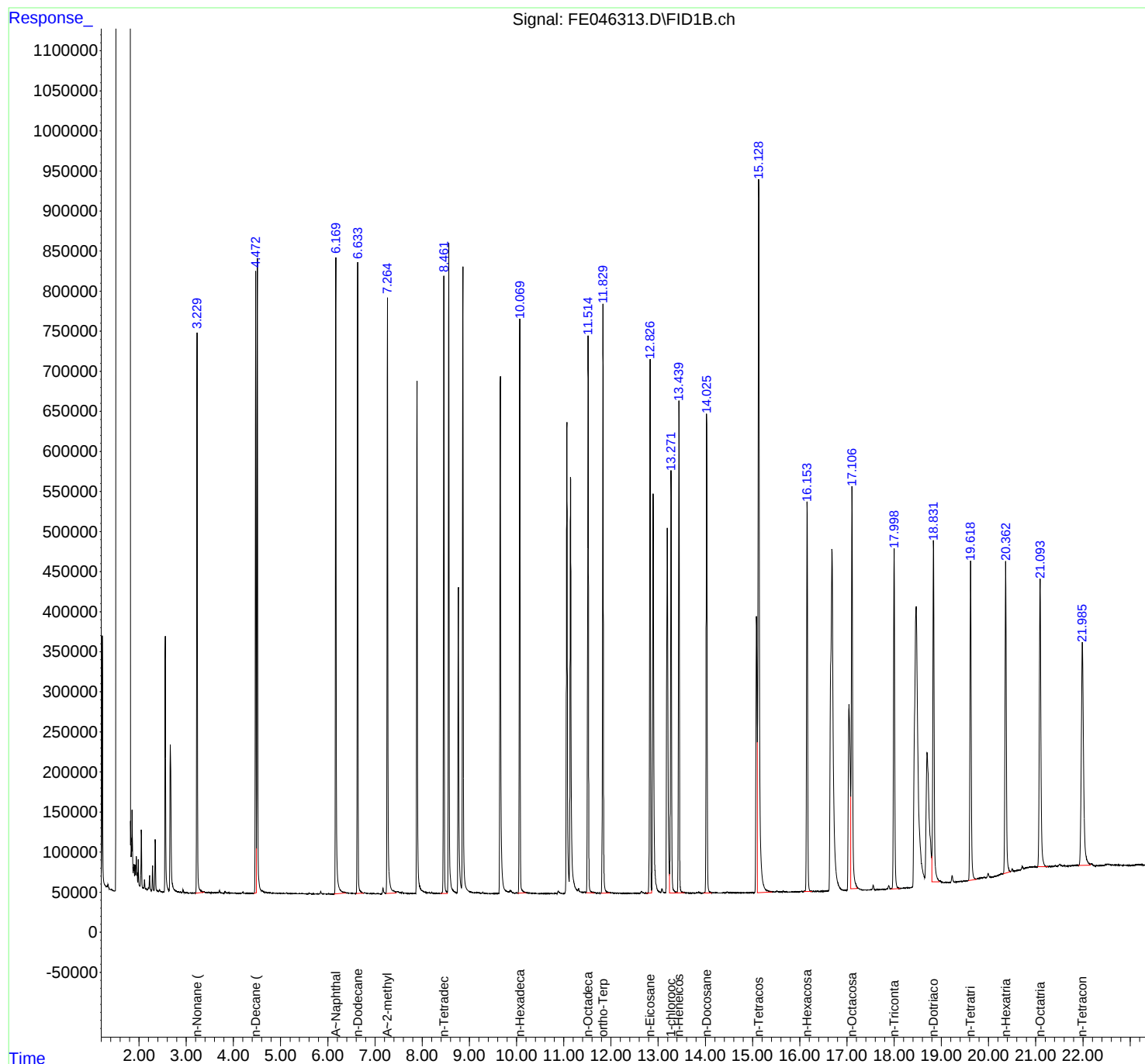
Response via : Initial Calibration

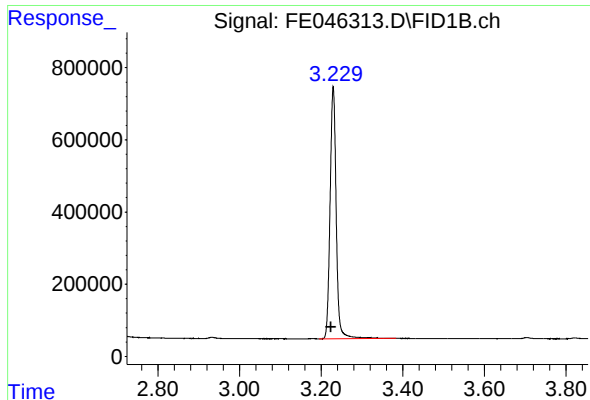
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 728277
Conc: 47.59 ug/ml

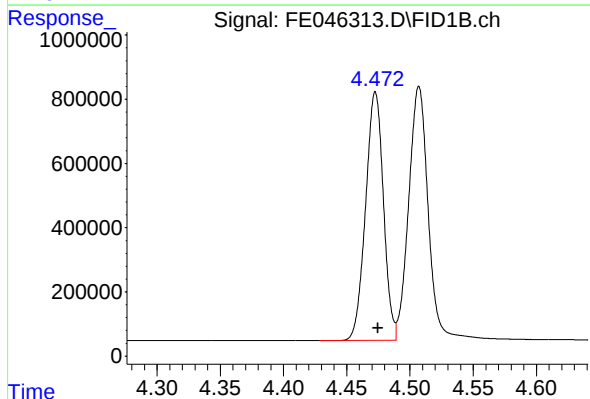
Instrument :

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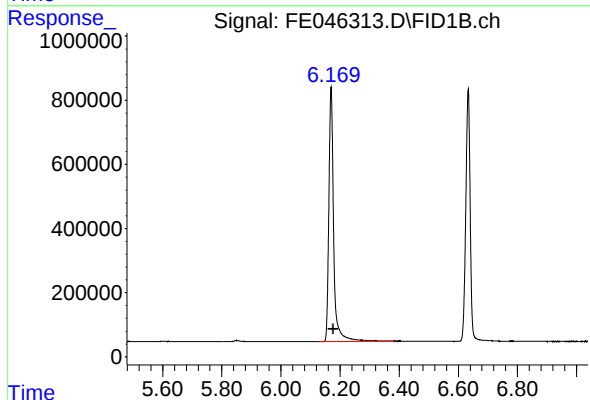
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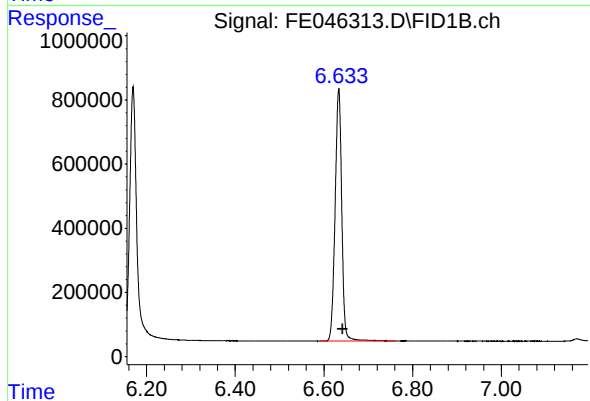
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 7593447
Conc: 48.93 ug/ml



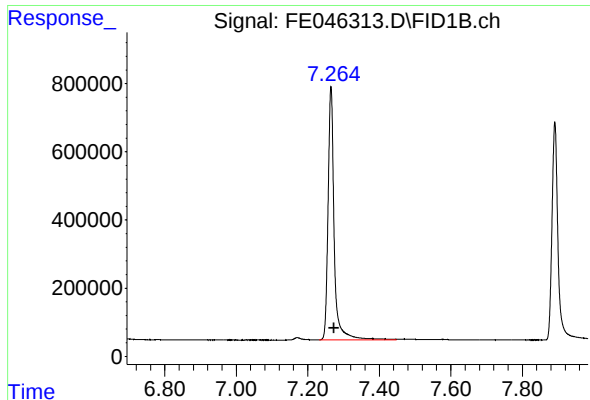
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 8975017
Conc: 53.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 8140002
Conc: 52.13 ug/ml



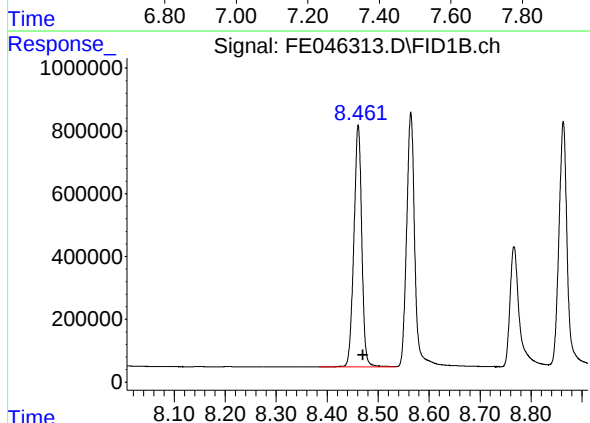
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 8825516
Conc: 55.43 ug/ml

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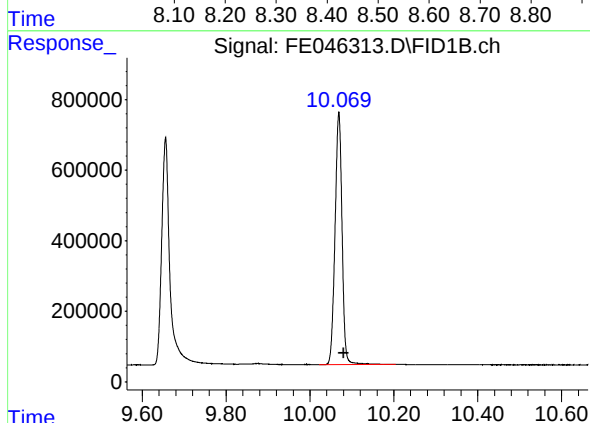
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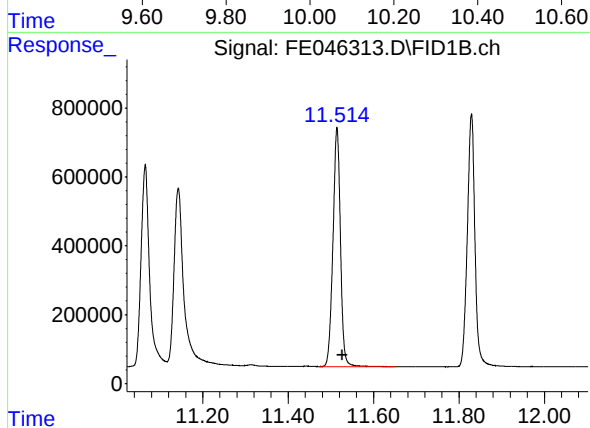
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 8306138
Conc: 53.32 ug/ml



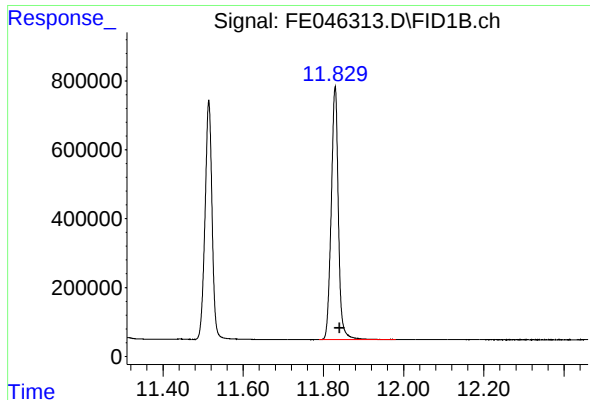
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.011 min
Response: 8317192
Conc: 52.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.012 min
Response: 8457973
Conc: 53.74 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.011 min
Response: 9112224
Conc: 50.14 ug/ml

Instrument :

FID_E

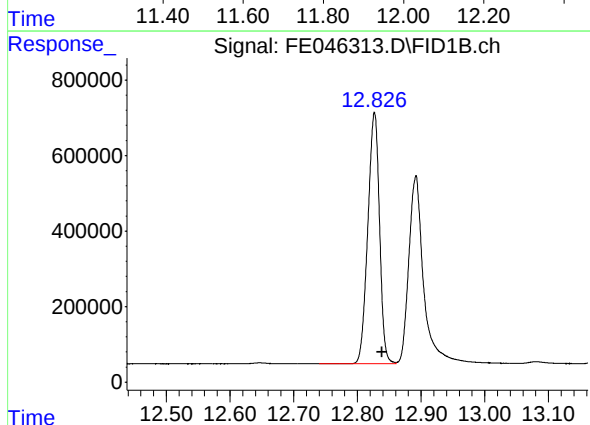
ClientSampleId :

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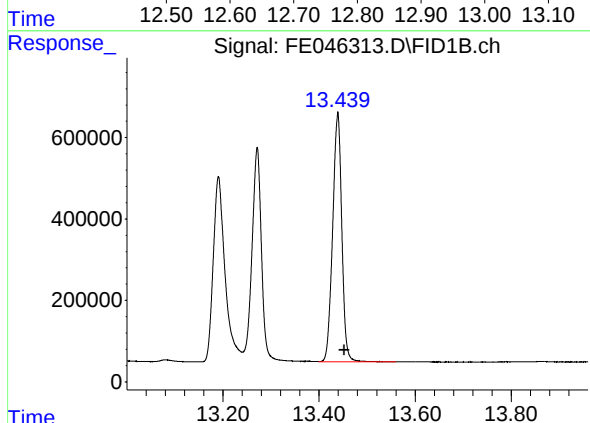
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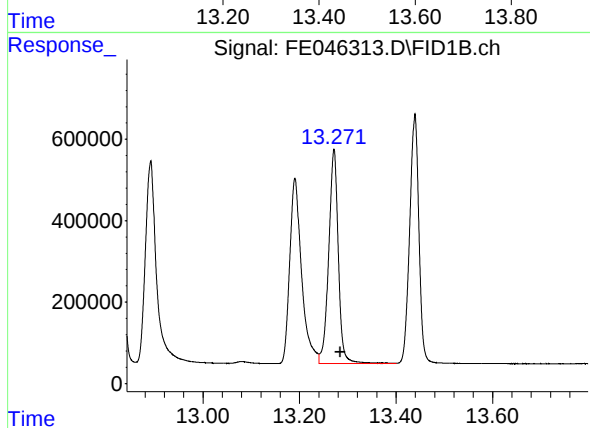
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 8463077
Conc: 55.94 ug/ml



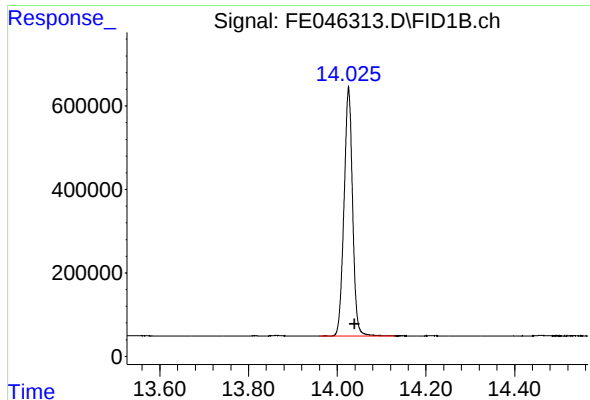
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 8095696
Conc: 55.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 7306567
Conc: 54.69 ug/ml



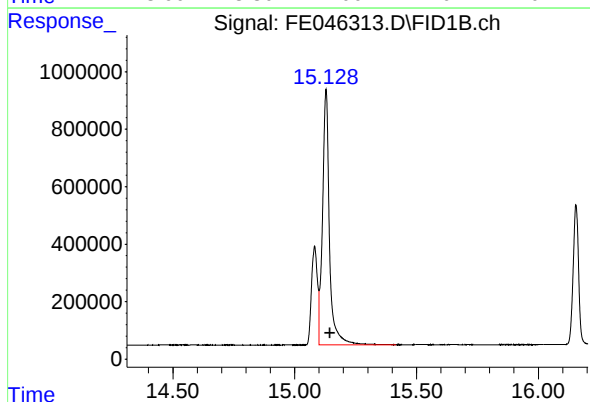
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 7972166
Conc: 54.54 ug/ml

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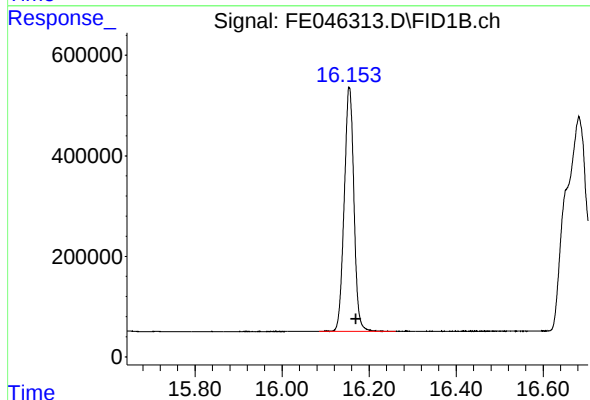
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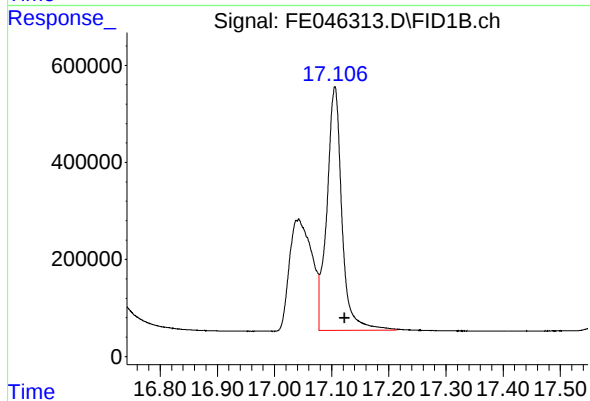
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.017 min
Response: 17626866
Conc: 121.54 ug/ml



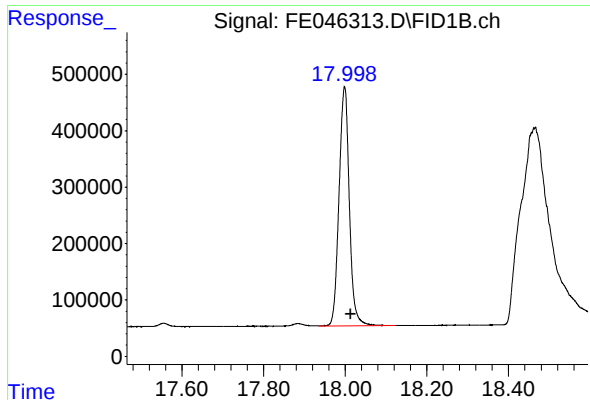
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.015 min
Response: 7507702
Conc: 52.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.017 min
Response: 9139434
Conc: 63.73 ug/ml m



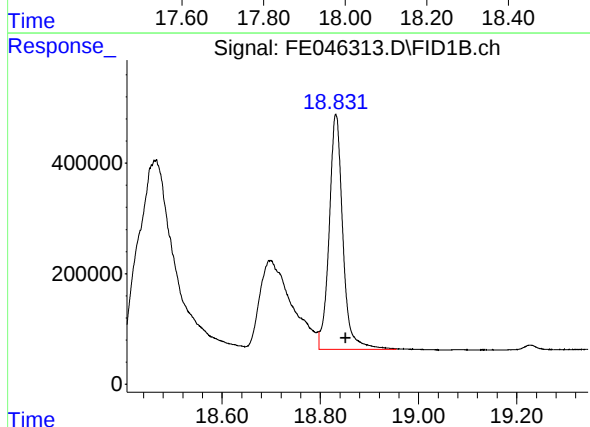
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 7426171
Conc: 49.96 ug/ml

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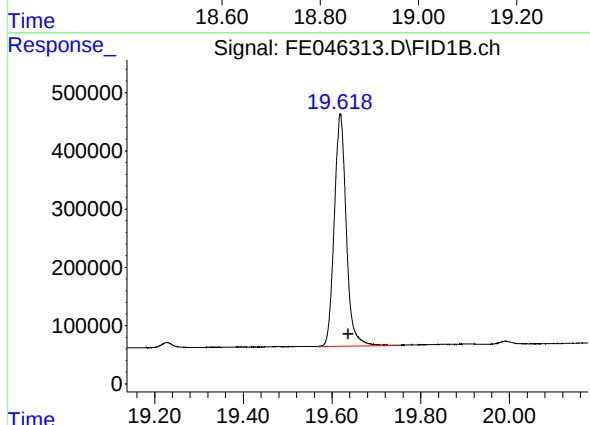
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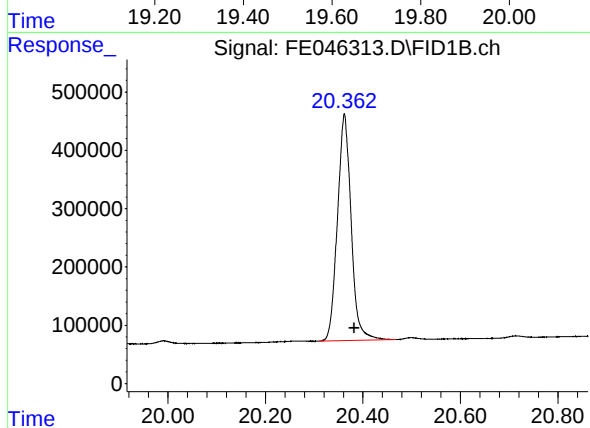
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 8242148
Conc: 55.11 ug/ml m



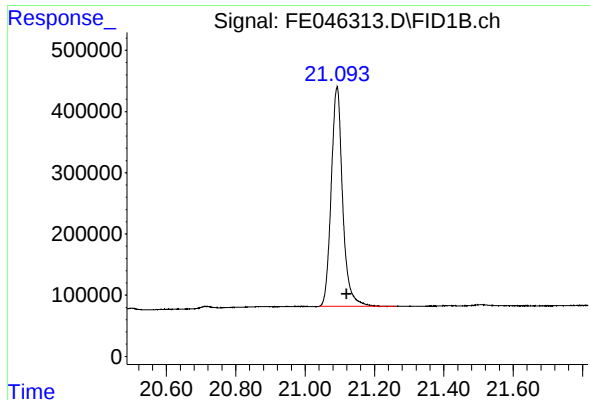
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 7467723
Conc: 52.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.020 min
Response: 7573338
Conc: 51.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.027 min
Response: 8218620
Conc: 55.74 ug/ml

Instrument :

FID_E

ClientSampleId :

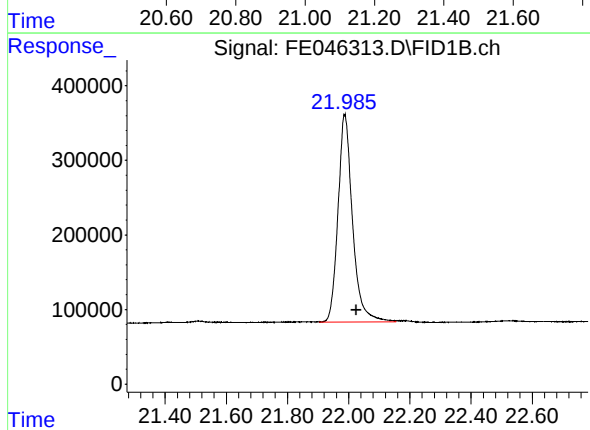
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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.040 min
Response: 9181445
Conc: 58.66 ug/ml m