

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
 Data File : FE051790.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2024 17:59
 Operator : YP\AJ
 Sample : P5387-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-05-122624MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :Ankita Jodhani 12/30/2024

Integration File: autoint1.e

Quant Time: Dec 27 22:45:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M

Quant Title : GC Extractables

QLast Update : Fri Dec 27 13:22:17 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)	12.039	4694226	30.992 ug/mlm
Spiked Amount 50.000		Recovery =	61.98%
12) S 1-chlorooctadecane (S...	13.460	3876519	33.323 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
Target Compounds			
1) T n-Nonane (C9)	3.501	2857171	24.633 ug/ml
2) T n-Decane (C10)	4.735	3579813	29.750 ug/ml
3) T A~Naphthalene (C11.7)	6.427	4535745	32.632 ug/ml
4) T n-Dodecane (C12)	6.875	6121068	48.719 ug/ml
5) T A~2-methylnaphthalene...	7.511	5585211	40.803 ug/ml
6) T n-Tetradecane (C14)	8.690	8007233	62.269 ug/ml
7) T n-Hexadecane (C16)	10.284	8459062	62.160 ug/ml
8) T n-Octadecane (C18)	11.718	7869974	56.206 ug/ml
10) T n-Eicosane (C20)	13.019	6479153	47.871 ug/ml
11) T n-Heneicosane (C21)	13.626	5693163	42.739 ug/ml
13) T n-Docosane (C22)	14.208	5164172	39.121 ug/ml
14) T n-Tetracosane (C24)	15.300	8480841	65.359 ug/ml
15) T n-Hexacosane (C26)	16.319	4146108	33.013 ug/mlm
16) T n-Octacosane (C28)	17.264	4189065	34.699 ug/ml
17) T n-Tricontane (C30)	18.148	4194086	34.849 ug/ml
18) T n-Dotriacontane (C32)	18.975	3991985	34.881 ug/mlm
19) T n-Tetratriacontane (C34)	19.756	3946511	39.129 ug/ml
20) T n-Hexatriacontane (C36)	20.493	3934572	44.144 ug/ml
21) T n-Octatriacontane (C38)	21.241	4670601	54.398 ug/mlm
22) T n-Tetracontane (C40)	22.183	4899782	55.556 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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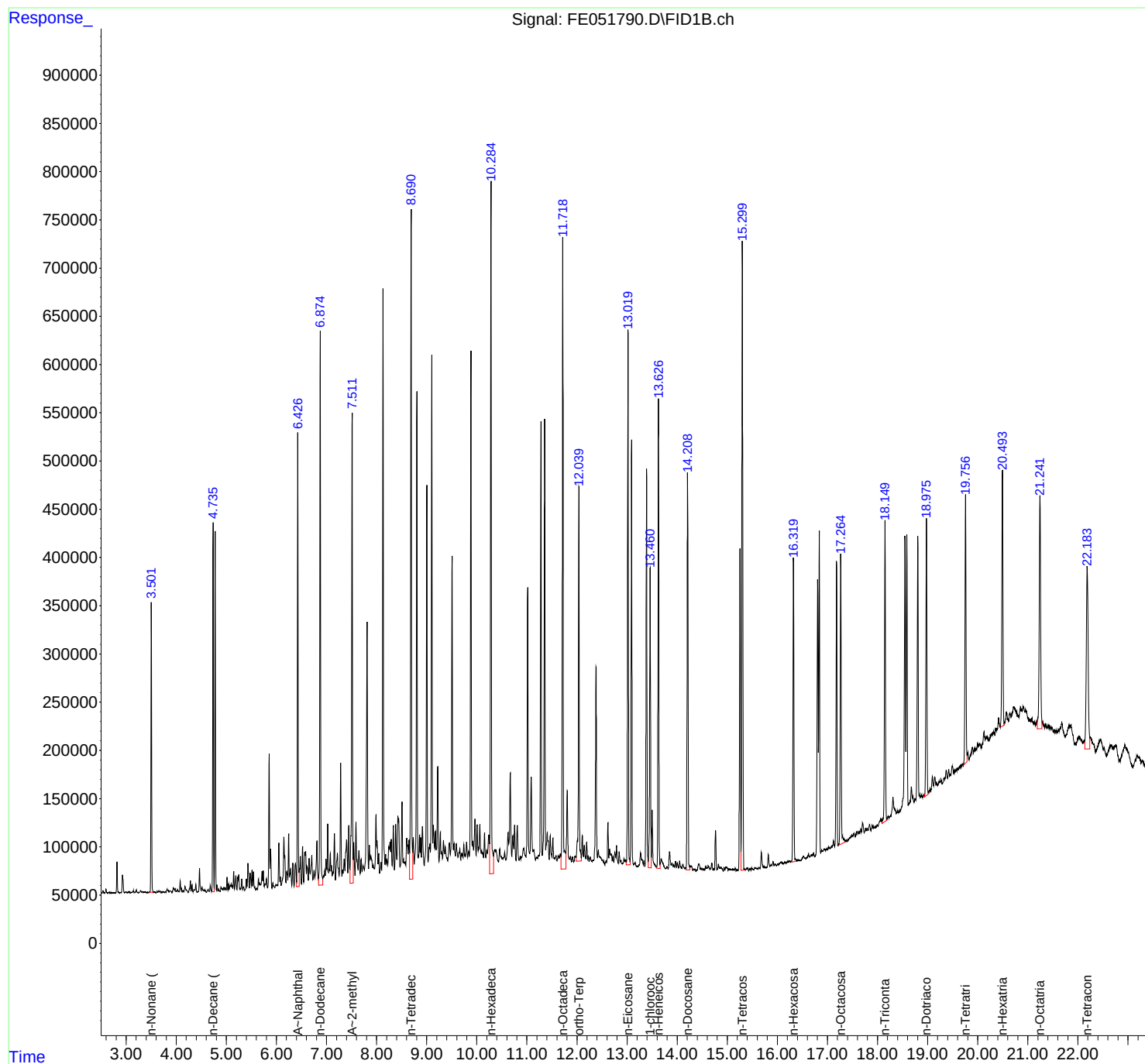
Response via : Initial Calibration

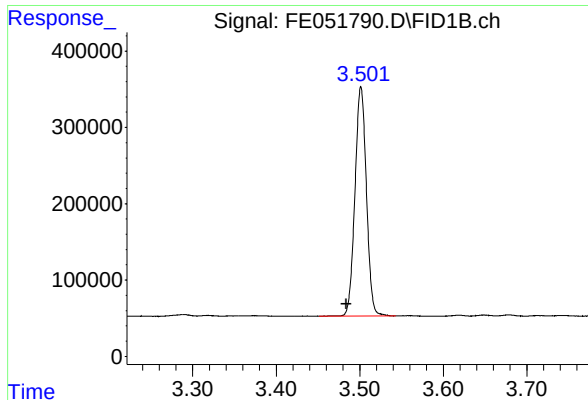
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.501 min
Delta R.T.: 0.017 min
Response: 2857171
Conc: 24.63 ug/ml

Instrument :

FID_E

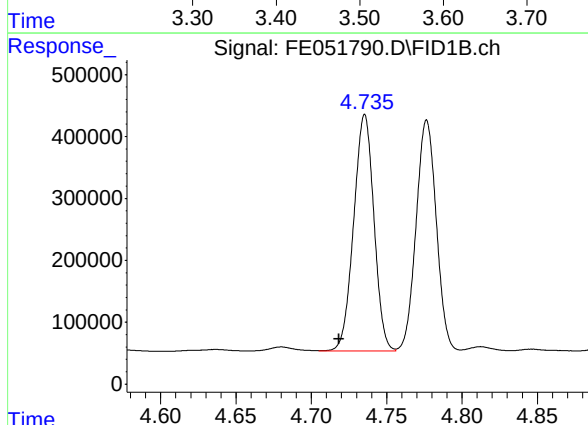
ClientSampleId :

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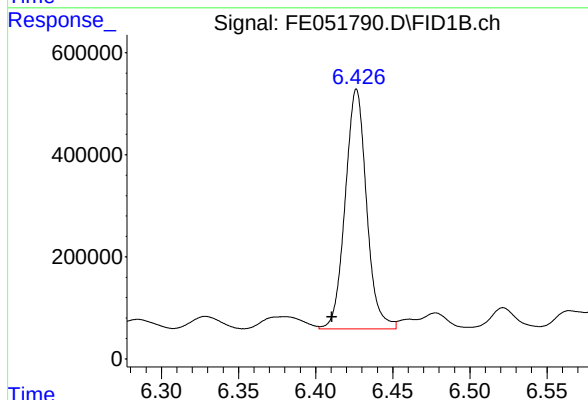
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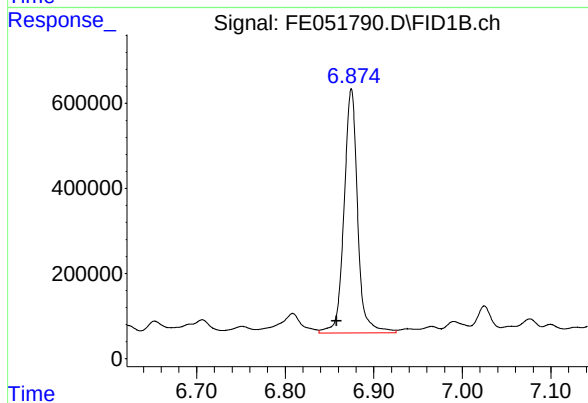
#2 n-Decane (C10)

R.T.: 4.735 min
Delta R.T.: 0.017 min
Response: 3579813
Conc: 29.75 ug/ml



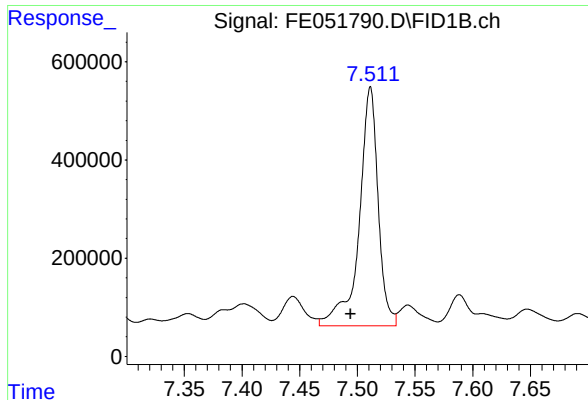
#3 A~Naphthalene (C11.7)

R.T.: 6.427 min
Delta R.T.: 0.016 min
Response: 4535745
Conc: 32.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.875 min
Delta R.T.: 0.016 min
Response: 6121068
Conc: 48.72 ug/ml



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

R.T.: 7.511 min
Delta R.T.: 0.017 min
Response: 5585211
Conc: 40.80 ug/ml

Instrument :

FID_E

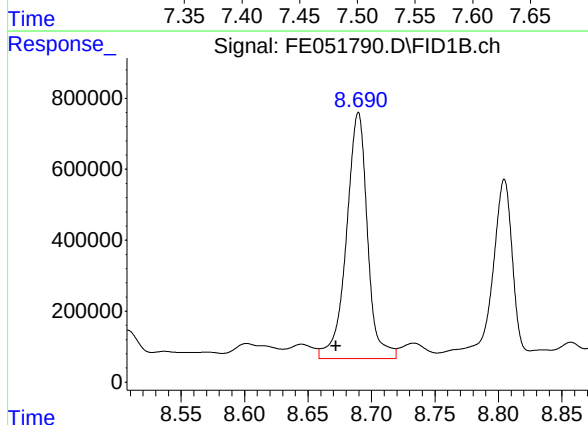
ClientSampleId :

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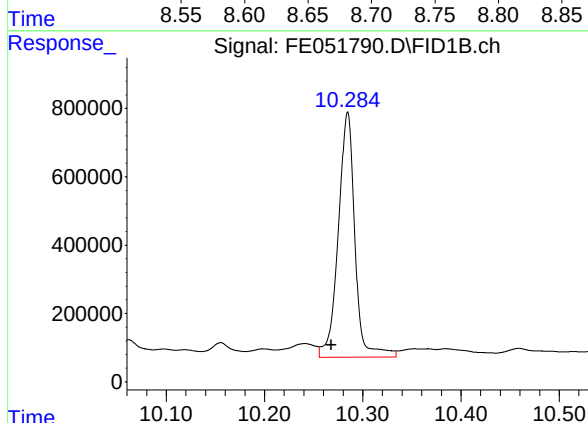
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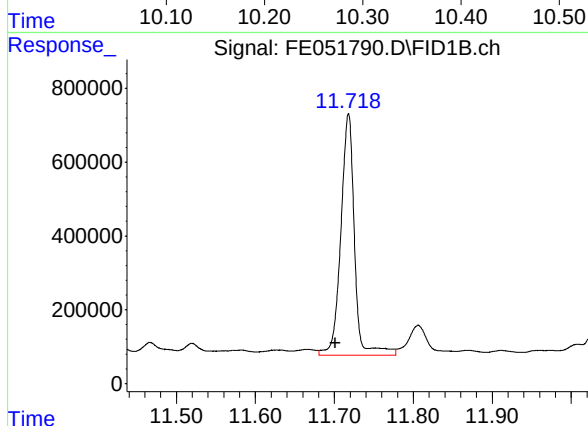
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.017 min
Response: 8007233
Conc: 62.27 ug/ml



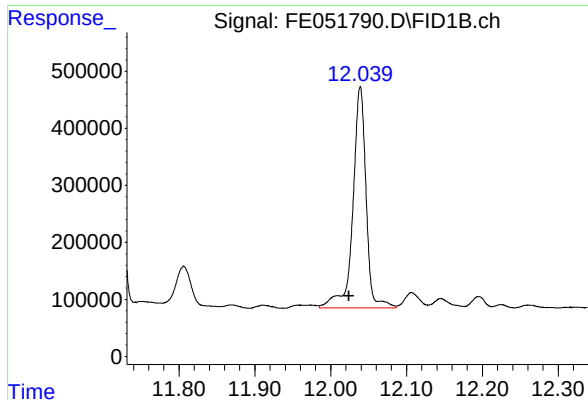
#7 n-Hexadecane (C16)

R.T.: 10.284 min
Delta R.T.: 0.016 min
Response: 8459062
Conc: 62.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.718 min
Delta R.T.: 0.016 min
Response: 7869974
Conc: 56.21 ug/ml



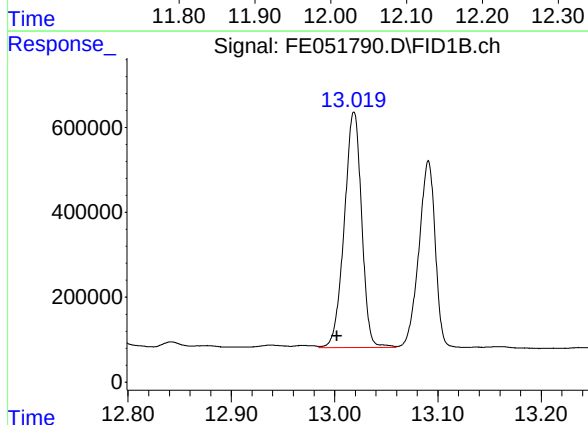
#9 ortho-Terphenyl (SURR)

R.T.: 12.039 min
Delta R.T.: 0.015 min
Response: 4694226
Conc: 30.99 ug/ml

Instrument :
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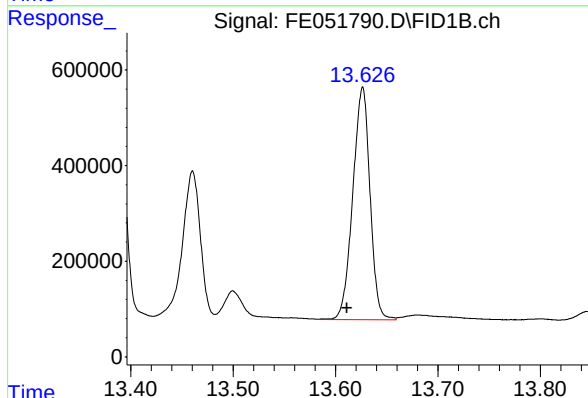
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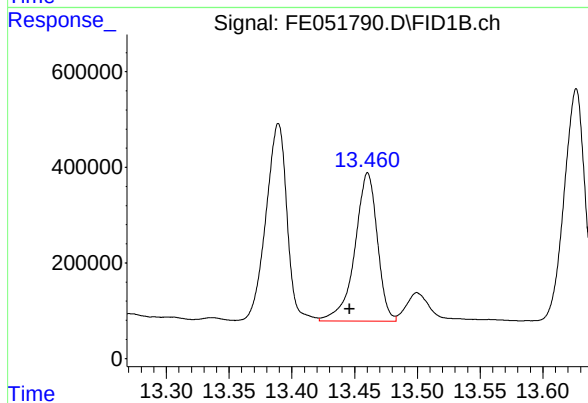
#10 n-Eicosane (C20)

R.T.: 13.019 min
Delta R.T.: 0.016 min
Response: 6479153
Conc: 47.87 ug/ml



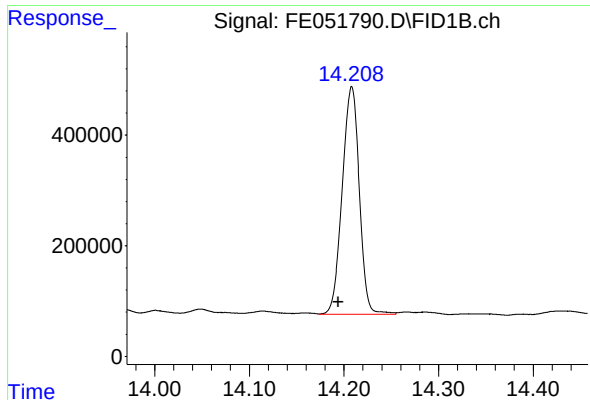
#11 n-Heneicosane (C21)

R.T.: 13.626 min
Delta R.T.: 0.015 min
Response: 5693163
Conc: 42.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.460 min
Delta R.T.: 0.014 min
Response: 3876519
Conc: 33.32 ug/ml



#13 n-Docosane (C22)

R.T.: 14.208 min
Delta R.T.: 0.014 min
Response: 5164172
Conc: 39.12 ug/ml

Instrument :

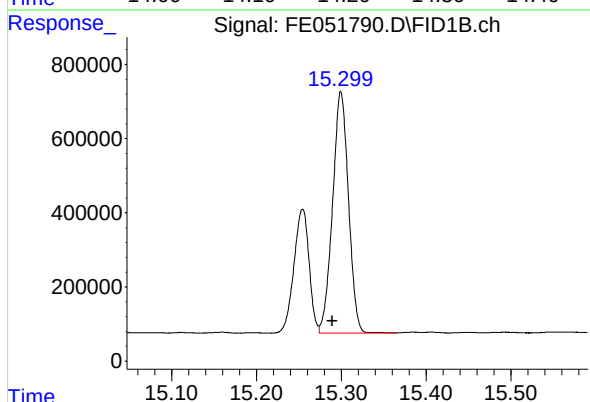
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ClientSampleId :

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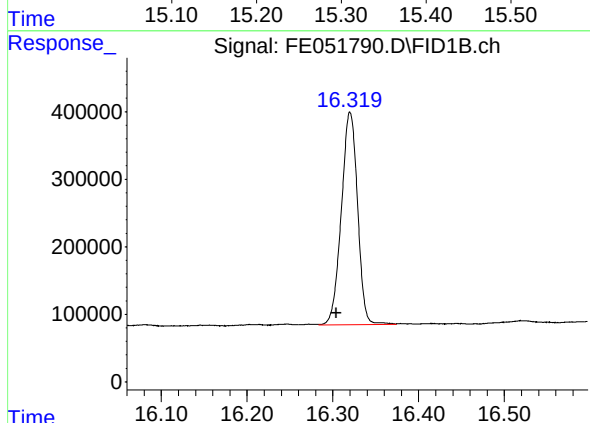
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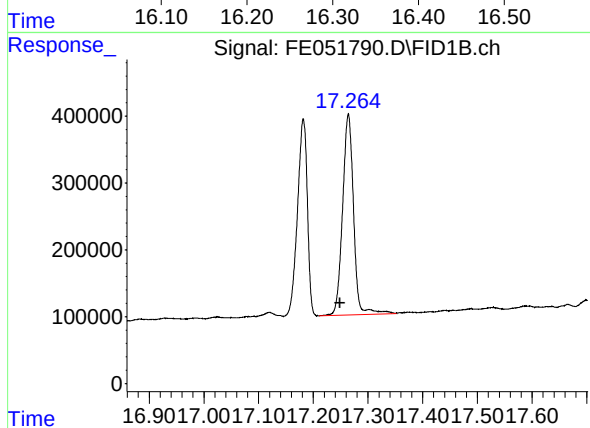
#14 n-Tetracosane (C24)

R.T.: 15.300 min
Delta R.T.: 0.010 min
Response: 8480841
Conc: 65.36 ug/ml



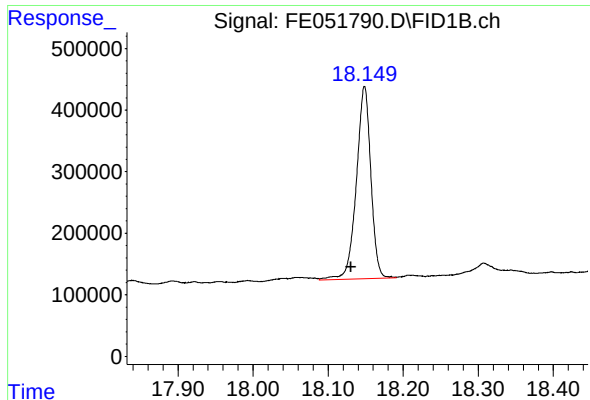
#15 n-Hexacosane (C26)

R.T.: 16.319 min
Delta R.T.: 0.015 min
Response: 4146108
Conc: 33.01 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.264 min
Delta R.T.: 0.015 min
Response: 4189065
Conc: 34.70 ug/ml



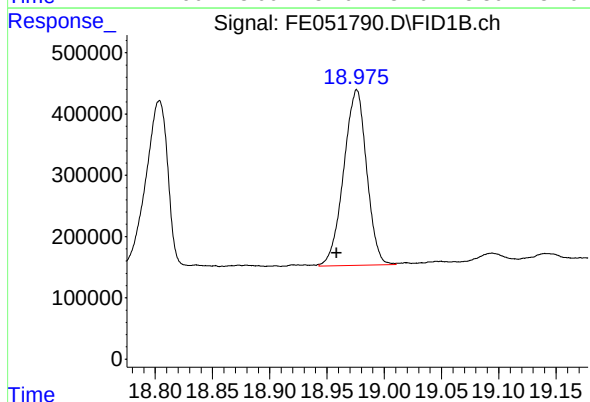
#17 n-Tricontane (C30)

R.T.: 18.148 min
Delta R.T.: 0.018 min
Response: 4194086
Conc: 34.85 ug/ml

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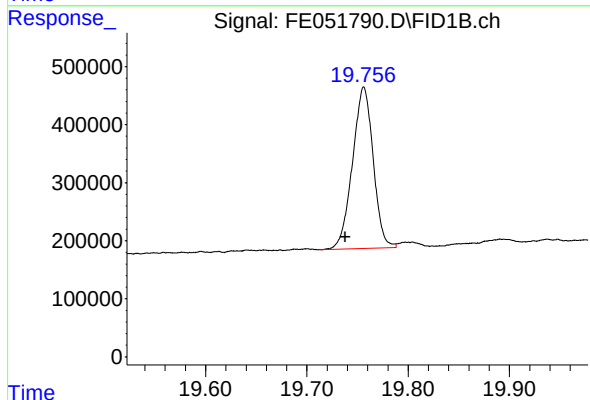
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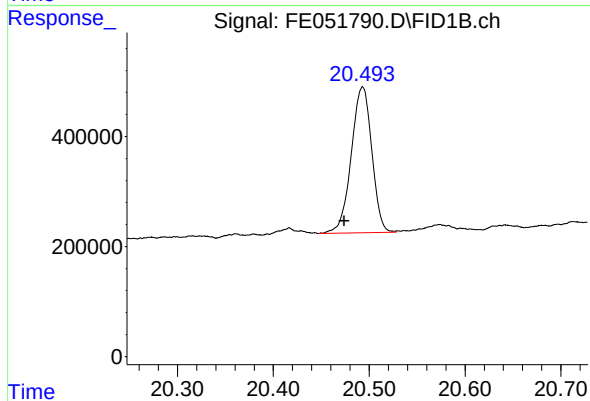
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: 0.017 min
Response: 3991985
Conc: 34.88 ug/ml



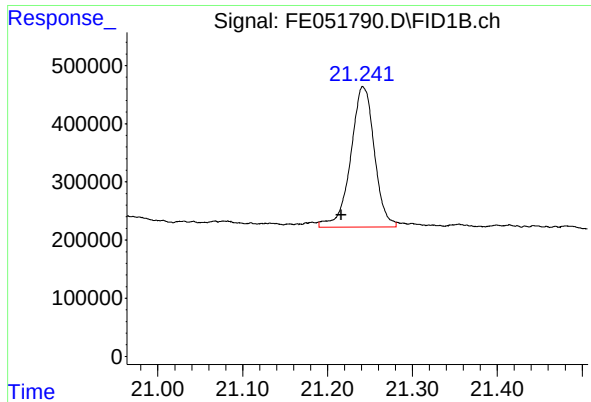
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.018 min
Response: 3946511
Conc: 39.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: 0.019 min
Response: 3934572
Conc: 44.14 ug/ml



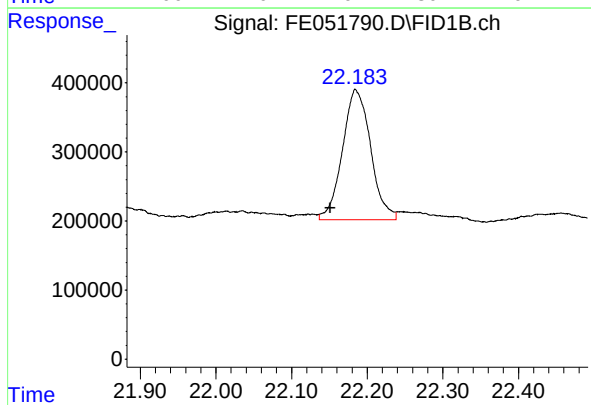
#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: 0.025 min
Response: 4670601
Conc: 54.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.183 min
Delta R.T.: 0.032 min
Response: 4899782
Conc: 55.56 ug/ml m