

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
 Data File : FE051791.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2024 18:29
 Operator : YP\AJ
 Sample : P5387-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-122624MSD

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 22:45:43 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)	12.043	5006954	33.057 ug/ml
Spiked Amount 50.000		Recovery =	66.11%
12) S 1-chlorooctadecane (S...	13.464	3774721	32.448 ug/ml
Spiked Amount 50.000		Recovery =	64.90%
Target Compounds			
1) T n-Nonane (C9)	3.504	2751867	23.726 ug/ml
2) T n-Decane (C10)	4.738	3440137	28.589 ug/ml
3) T A~Naphthalene (C11.7)	6.429	4365772	31.409 ug/ml
4) T n-Dodecane (C12)	6.877	5883111	46.825 ug/ml
5) T A~2-methylnaphthalene...	7.514	5385905	39.347 ug/ml
6) T n-Tetradecane (C14)	8.692	7195992	55.960 ug/mlm
7) T n-Hexadecane (C16)	10.286	7480391	54.968 ug/mlm
8) T n-Octadecane (C18)	11.720	7613599	54.375 ug/ml
10) T n-Eicosane (C20)	13.022	6319378	46.691 ug/ml
11) T n-Heneicosane (C21)	13.629	5548577	41.654 ug/ml
13) T n-Docosane (C22)	14.212	5068551	38.397 ug/ml
14) T n-Tetracosane (C24)	15.303	8218989	63.341 ug/ml
15) T n-Hexacosane (C26)	16.322	3996836	31.824 ug/mlm
16) T n-Octacosane (C28)	17.267	4016693	33.272 ug/ml
17) T n-Tricontane (C30)	18.152	4085905	33.950 ug/ml
18) T n-Dotriacontane (C32)	18.980	3819838	33.377 ug/ml
19) T n-Tetratriacontane (C34)	19.759	3823677	37.911 ug/mlm
20) T n-Hexatriacontane (C36)	20.496	3806657	42.709 ug/mlm
21) T n-Octatriacontane (C38)	21.246	4375140	50.957 ug/ml
22) T n-Tetracontane (C40)	22.191	4997289	56.661 ug/mlm

(f)=RT Delta > 1/2 Window

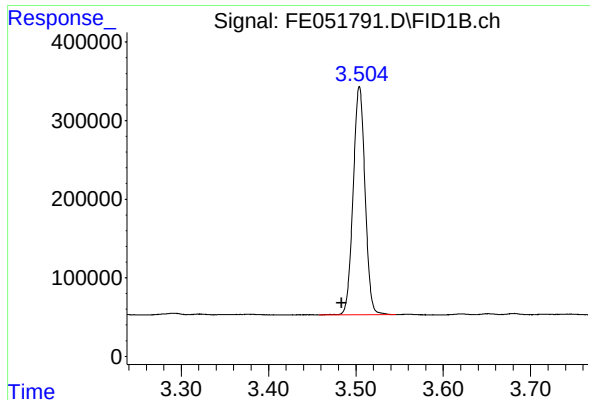
(m)=manual int.

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.504 min
Delta R.T.: 0.020 min
Response: 2751867
Conc: 23.73 ug/ml

Instrument :

FID_E

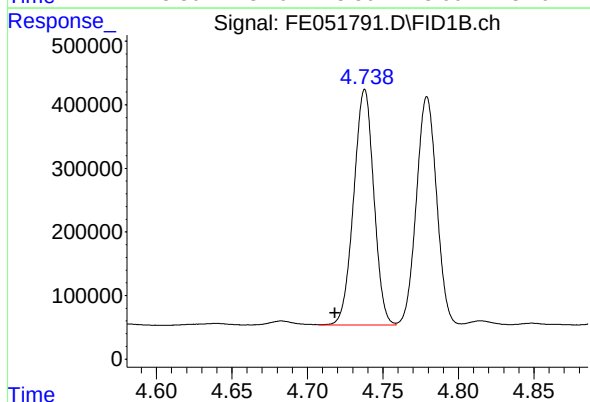
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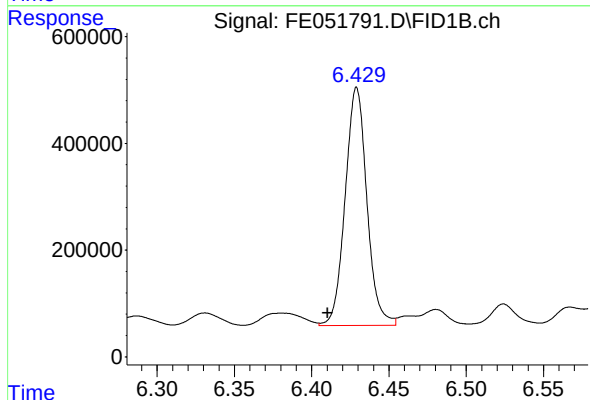
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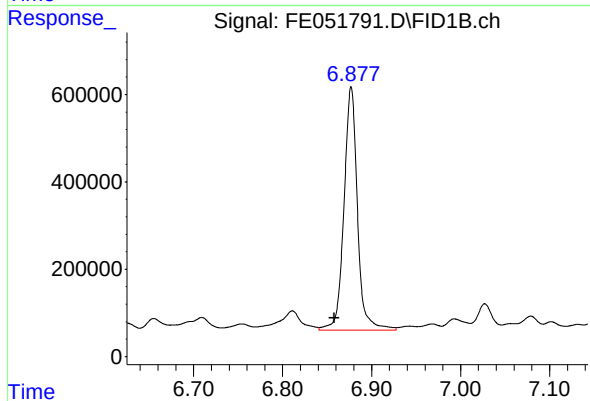
#2 n-Decane (C10)

R.T.: 4.738 min
Delta R.T.: 0.019 min
Response: 3440137
Conc: 28.59 ug/ml



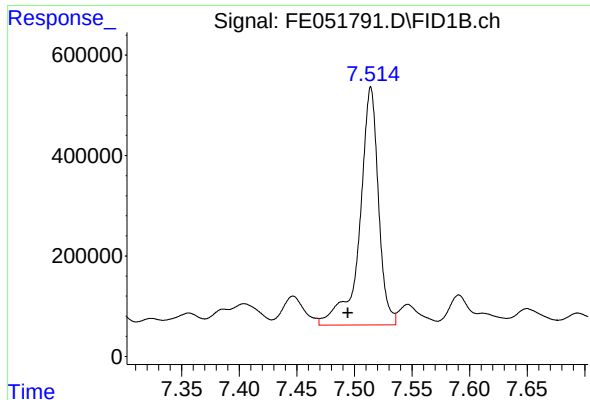
#3 A~Naphthalene (C11.7)

R.T.: 6.429 min
Delta R.T.: 0.019 min
Response: 4365772
Conc: 31.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.877 min
Delta R.T.: 0.019 min
Response: 5883111
Conc: 46.82 ug/ml



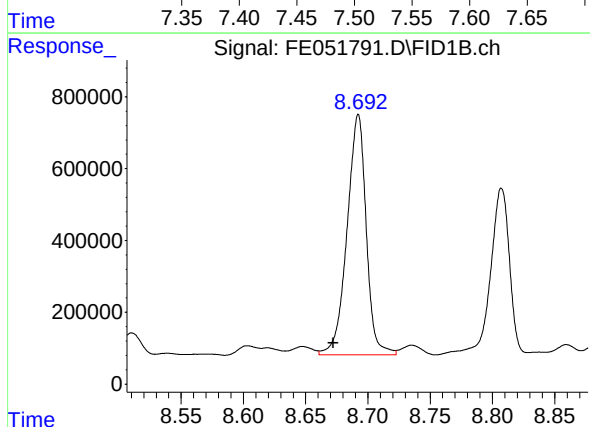
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.514 min
Delta R.T.: 0.020 min
Response: 5385905
Conc: 39.35 ug/ml

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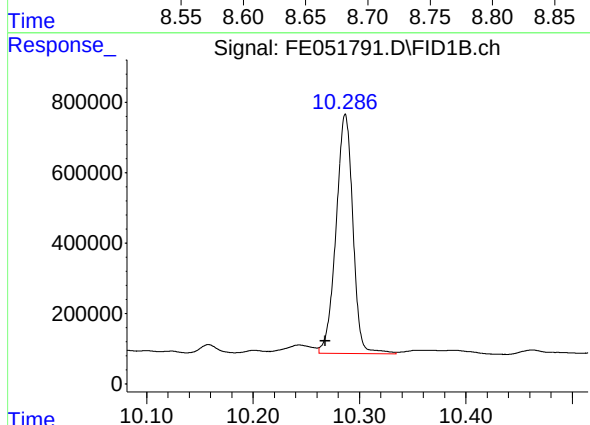
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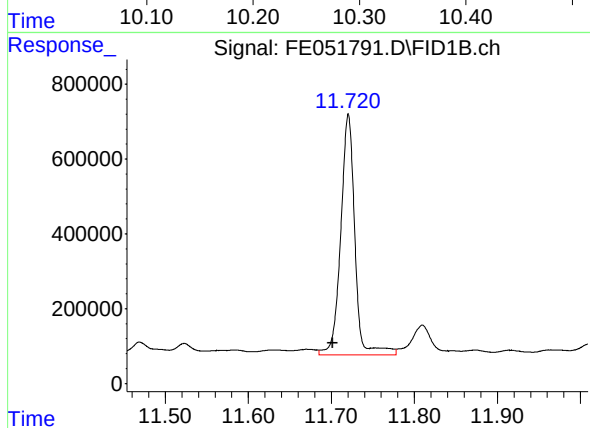
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: 0.020 min
Response: 7195992
Conc: 55.96 ug/ml m



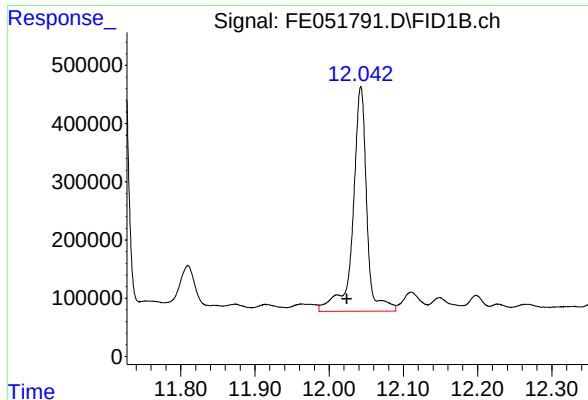
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: 0.018 min
Response: 7480391
Conc: 54.97 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.720 min
Delta R.T.: 0.019 min
Response: 7613599
Conc: 54.37 ug/ml



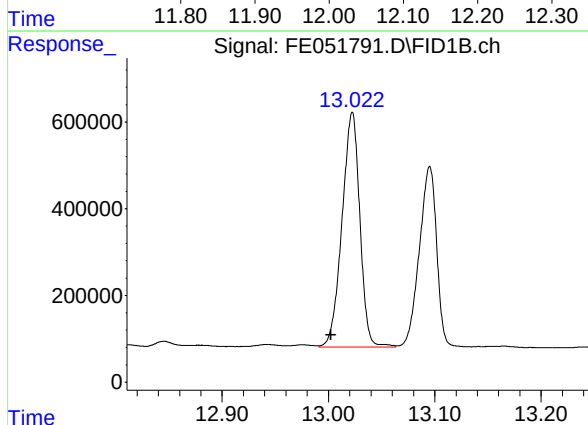
#9 ortho-Terphenyl (SURR)

R.T.: 12.043 min
Delta R.T.: 0.019 min
Response: 5006954
Conc: 33.06 ug/ml

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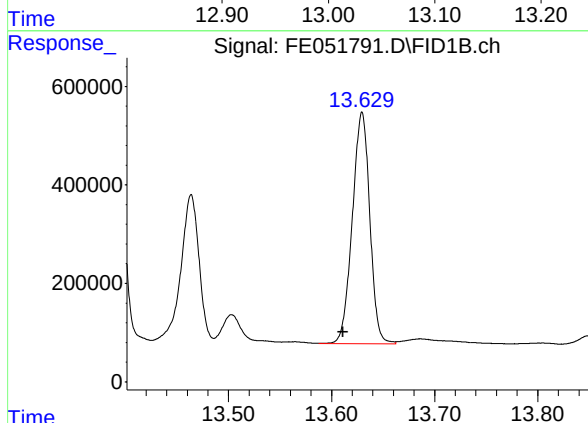
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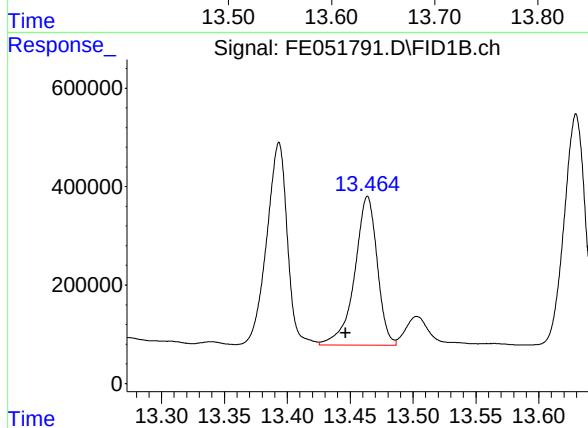
#10 n-Eicosane (C20)

R.T.: 13.022 min
Delta R.T.: 0.020 min
Response: 6319378
Conc: 46.69 ug/ml



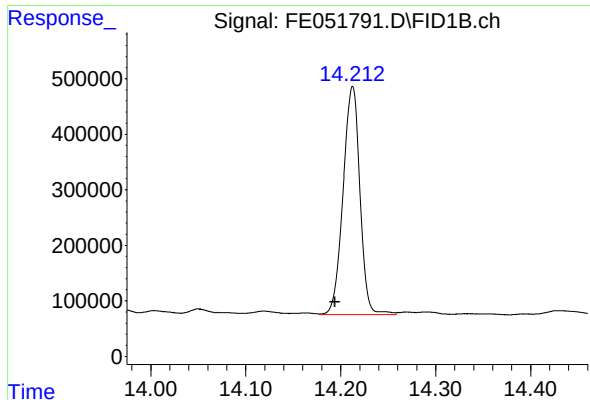
#11 n-Heneicosane (C21)

R.T.: 13.629 min
Delta R.T.: 0.018 min
Response: 5548577
Conc: 41.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.464 min
Delta R.T.: 0.017 min
Response: 3774721
Conc: 32.45 ug/ml



#13 n-Docosane (C22)

R.T.: 14.212 min
Delta R.T.: 0.018 min
Response: 5068551
Conc: 38.40 ug/ml

Instrument :

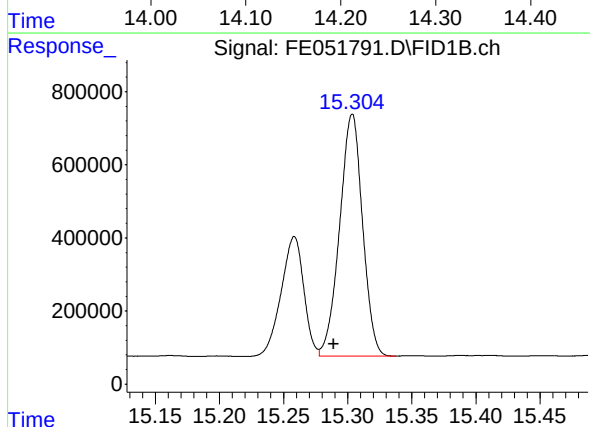
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ClientSampleId :

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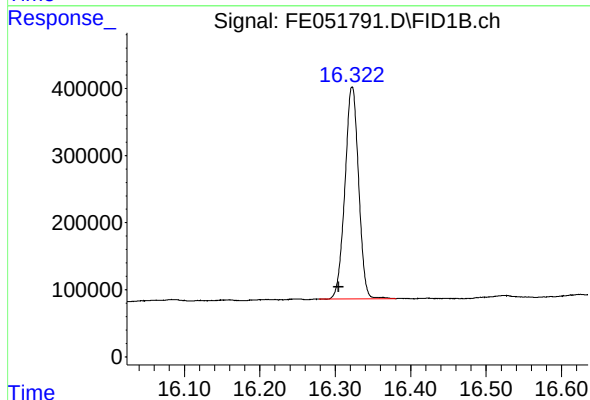
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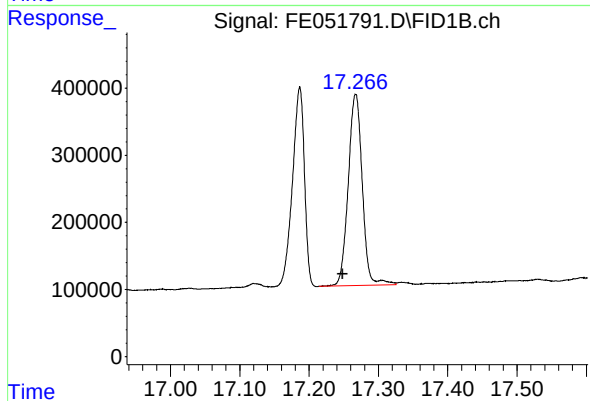
#14 n-Tetracosane (C24)

R.T.: 15.303 min
Delta R.T.: 0.014 min
Response: 8218989
Conc: 63.34 ug/ml



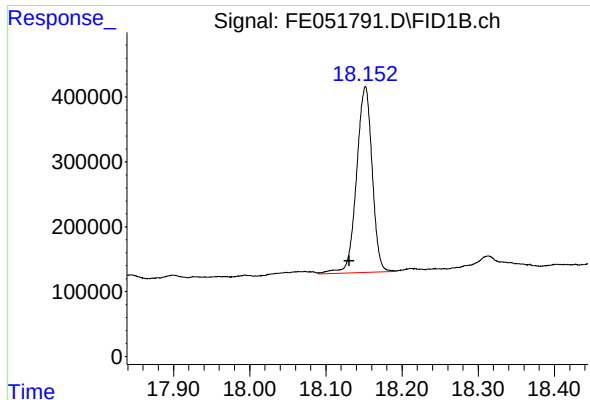
#15 n-Hexacosane (C26)

R.T.: 16.322 min
Delta R.T.: 0.018 min
Response: 3996836
Conc: 31.82 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.267 min
Delta R.T.: 0.018 min
Response: 4016693
Conc: 33.27 ug/ml



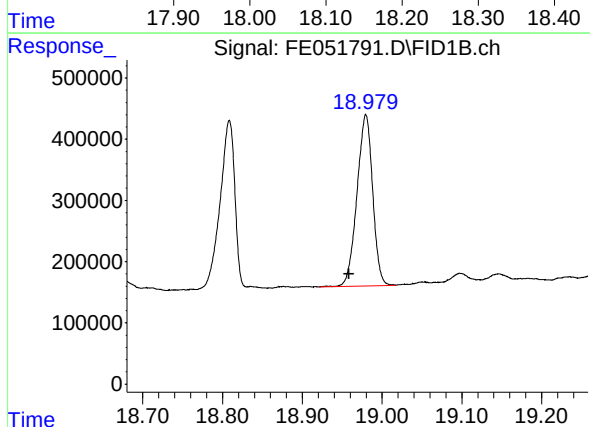
#17 n-Tricontane (C30)

R.T.: 18.152 min
Delta R.T.: 0.021 min
Response: 4085905
Conc: 33.95 ug/ml

Instrument :
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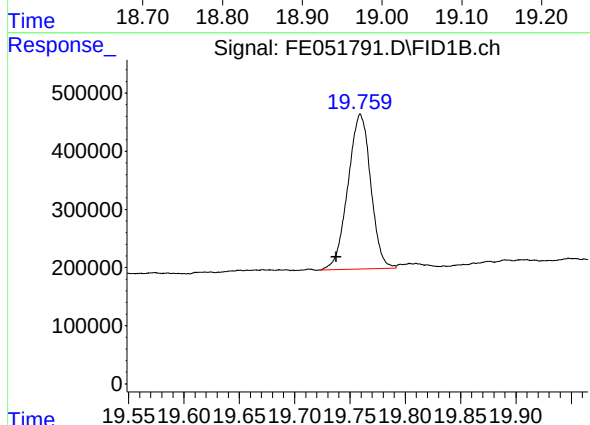
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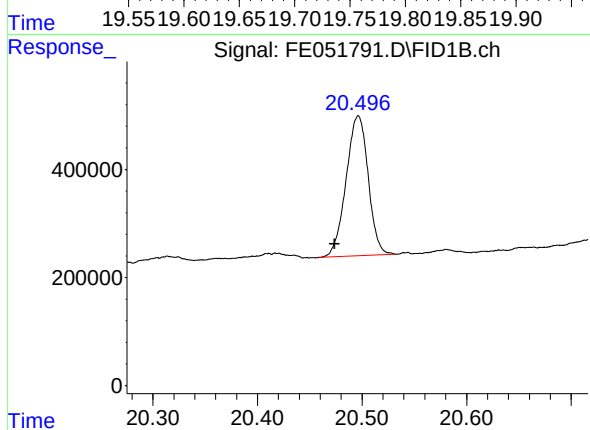
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.021 min
Response: 3819838
Conc: 33.38 ug/ml



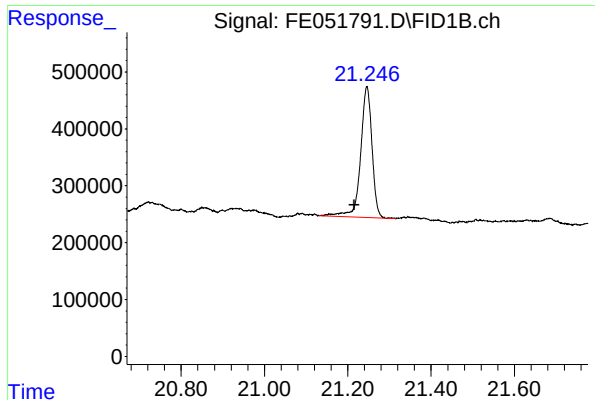
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.021 min
Response: 3823677
Conc: 37.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.496 min
Delta R.T.: 0.022 min
Response: 3806657
Conc: 42.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.246 min
Delta R.T.: 0.030 min
Response: 4375140
Conc: 50.96 ug/ml

Instrument :

FID_E

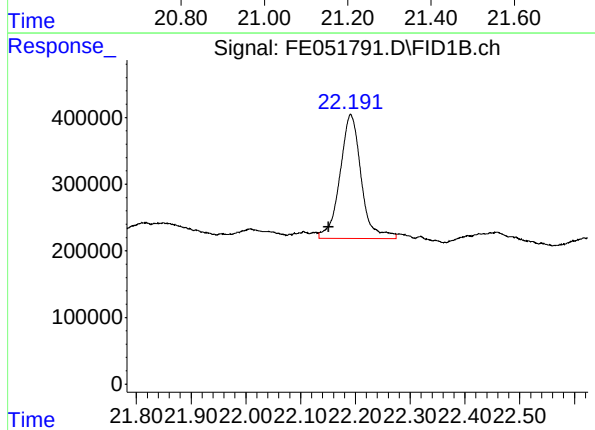
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#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.040 min
Response: 4997289
Conc: 56.66 ug/ml m