

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061523AL\
 Data File : FE042630.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jun 2023 17:23
 Operator : YP\AJ
 Sample : PB153464BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB153464BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e
 Quant Time: Jun 16 00:40:46 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)	11.942	8175033	46.297 ug/ml
Spiked Amount 50.000		Recovery =	92.59%
12) S 1-chlorooctadecane (S...	13.377	6232968	46.907 ug/ml
Spiked Amount 50.000		Recovery =	93.81%
Target Compounds			
1) T n-Nonane (C9)	3.330	6286613	43.597 ug/ml
2) T n-Decane (C10)	4.577	6785461	45.836 ug/mlm
3) T A~Naphthalene (C11.7)	6.280	7667345	46.993 ug/ml
4) T n-Dodecane (C12)	6.741	7495559	49.986 ug/ml
5) T A~2-methylnaphthalene...	7.377	7559244	47.631 ug/ml
6) T n-Tetradecane (C14)	8.571	7729287	51.595 ug/ml
7) T n-Hexadecane (C16)	10.178	7996481	51.335 ug/ml
8) T n-Octadecane (C18)	11.621	7952526	50.290 ug/ml
10) T n-Eicosane (C20)	12.933	7837872	51.707 ug/ml
11) T n-Heneicosane (C21)	13.543	7460101	50.354 ug/ml
13) T n-Docosane (C22)	14.129	7308853	49.857 ug/ml
14) T n-Tetracosane (C24)	15.226	13689208	94.829 ug/ml
15) T n-Hexacosane (C26)	16.255	6848264	49.447 ug/ml
16) T n-Octacosane (C28)	17.204	6666166	49.791 ug/ml
17) T n-Tricontane (C30)	18.094	6665298	49.376 ug/ml
18) T n-Dotriacontane (C32)	18.925	6560444	49.108 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6711150	51.031 ug/ml
20) T n-Hexatriacontane (C36)	20.450	6540848	50.325 ug/ml
21) T n-Octatriacontane (C38)	21.197	6811966	50.209 ug/mlm
22) T n-Tetracontane (C40)	22.125	7137494	51.305 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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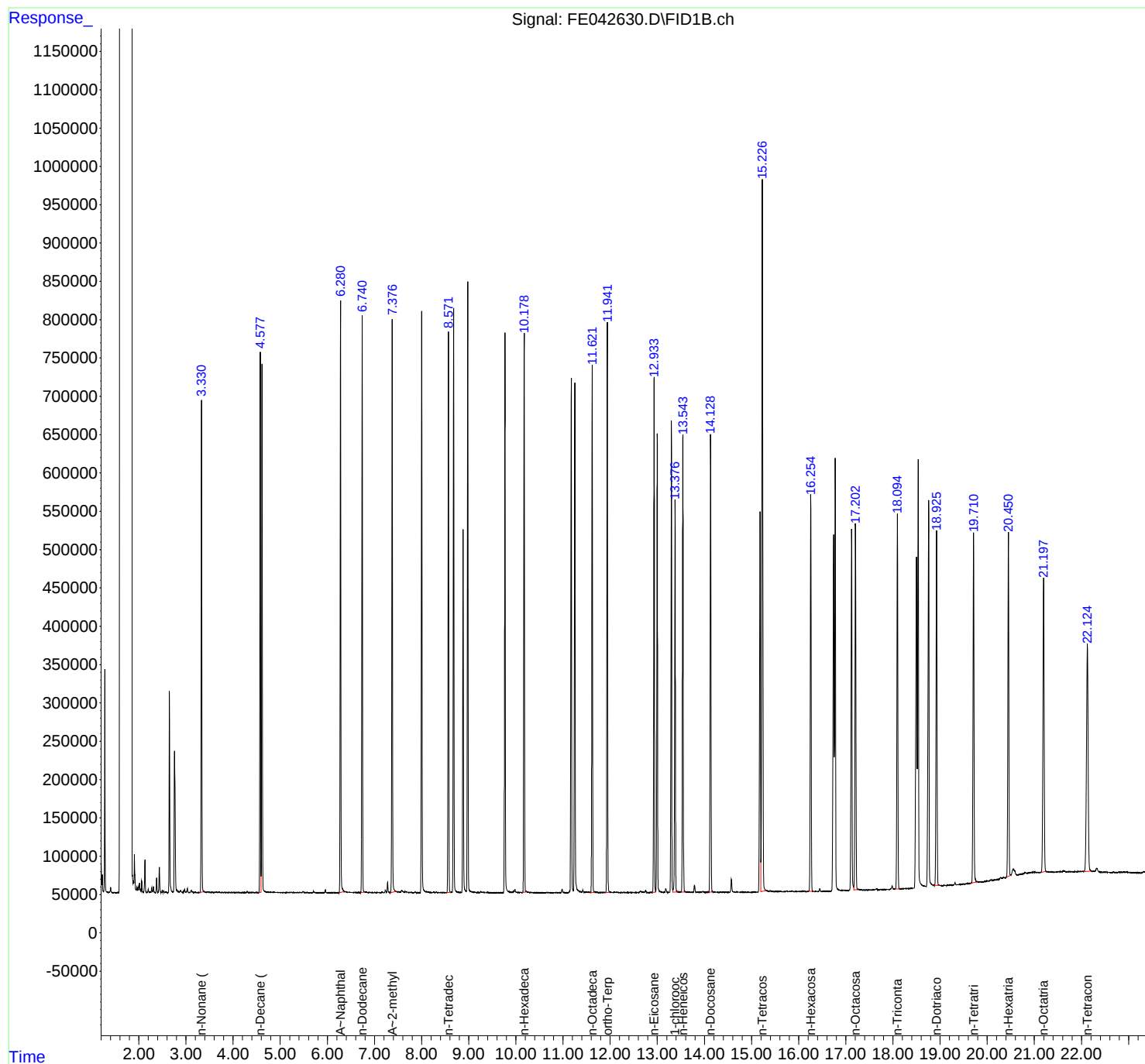
Instrument :
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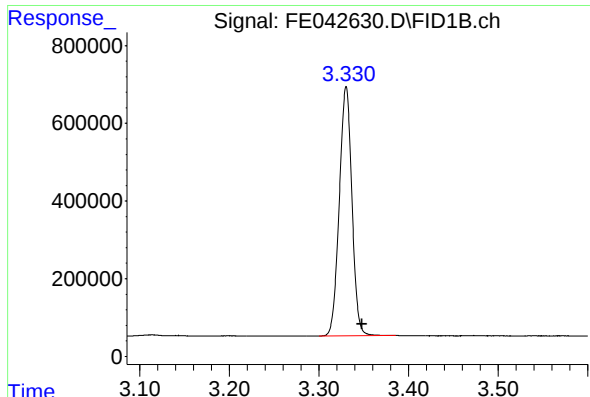
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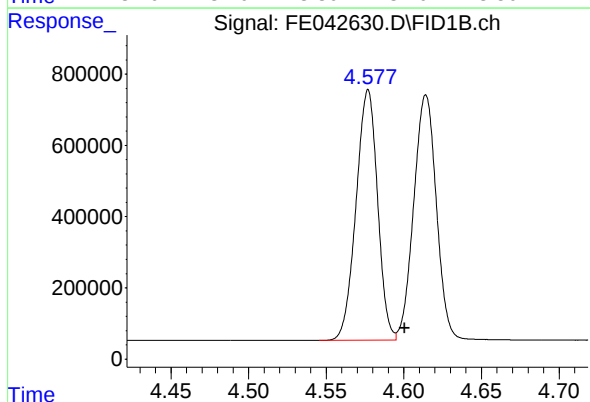
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 6286613
Conc: 43.60 ug/ml

Instrument :
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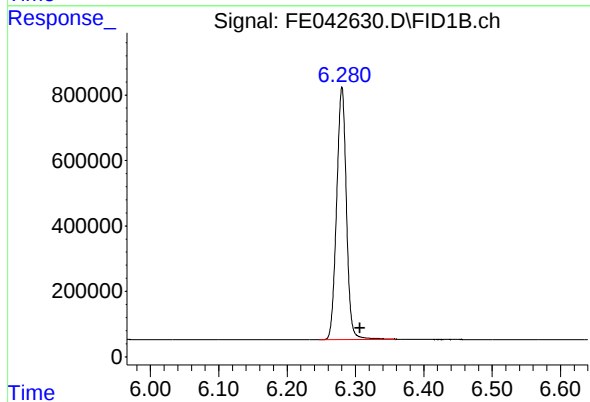
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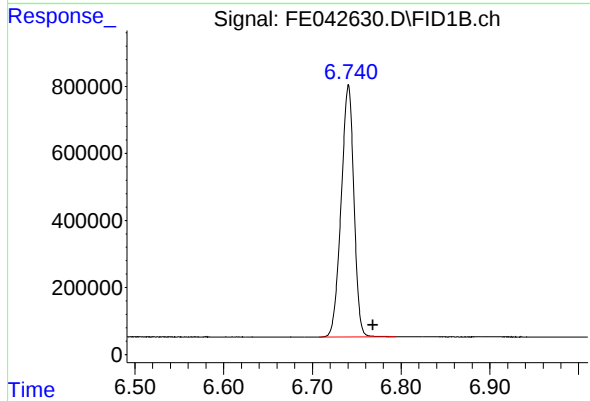
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.024 min
Response: 6785461
Conc: 45.84 ug/ml



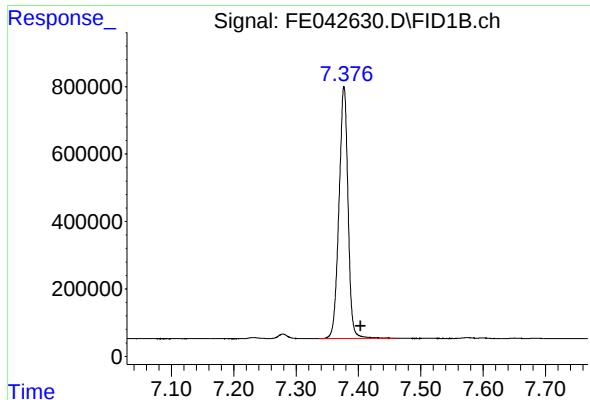
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.026 min
Response: 7667345
Conc: 46.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.028 min
Response: 7495559
Conc: 49.99 ug/ml



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

R.T.: 7.377 min
Delta R.T.: -0.027 min
Response: 7559244
Conc: 47.63 ug/ml

Instrument :

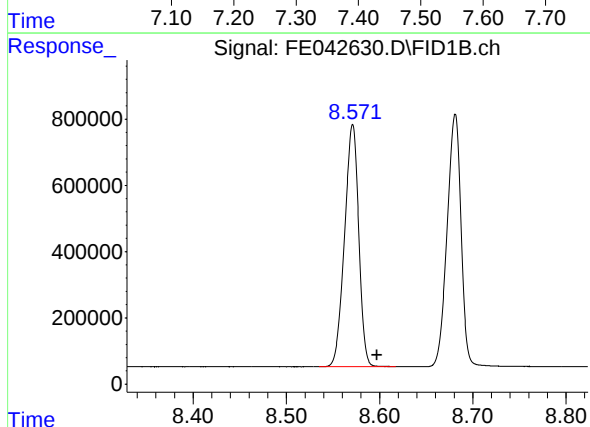
FID_E

ClientSampleId :

PB153464BSD

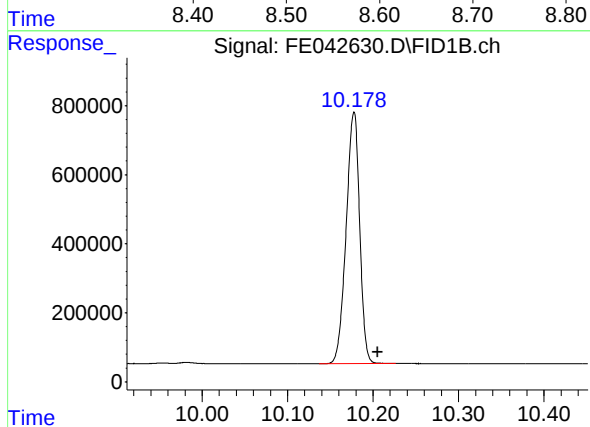
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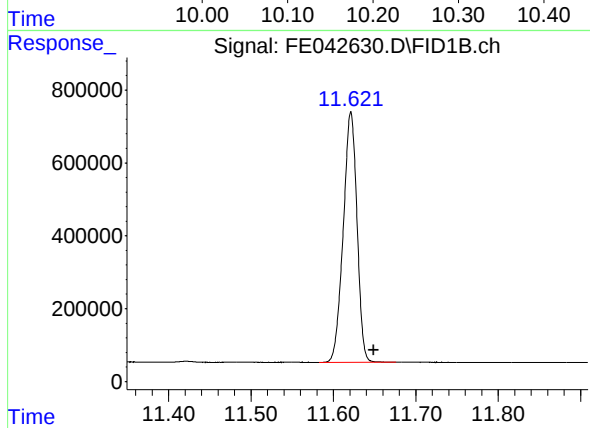
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.026 min
Response: 7729287
Conc: 51.59 ug/ml



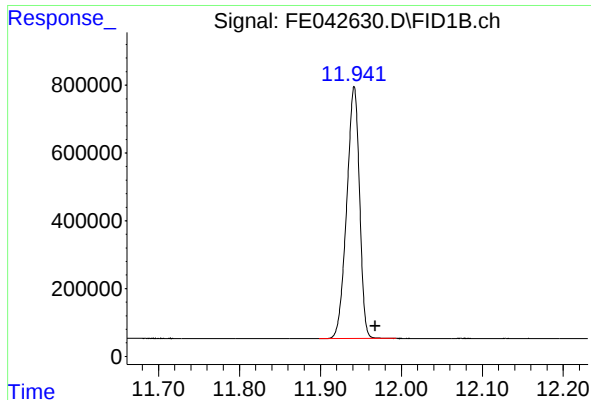
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.027 min
Response: 7996481
Conc: 51.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.028 min
Response: 7952526
Conc: 50.29 ug/ml



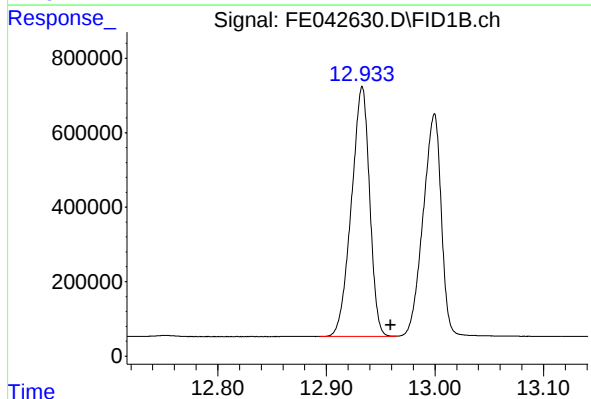
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.026 min
Response: 8175033
Conc: 46.30 ug/ml

Instrument :
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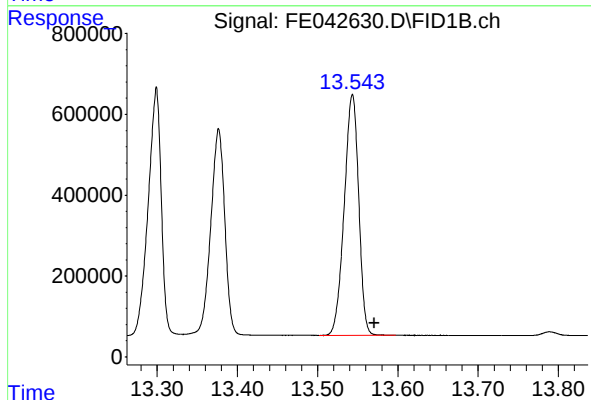
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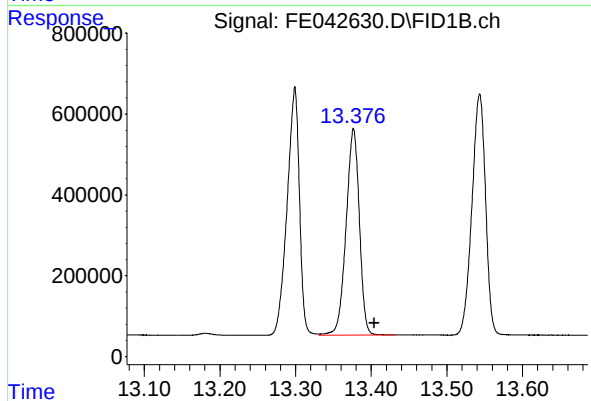
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: -0.026 min
Response: 7837872
Conc: 51.71 ug/ml



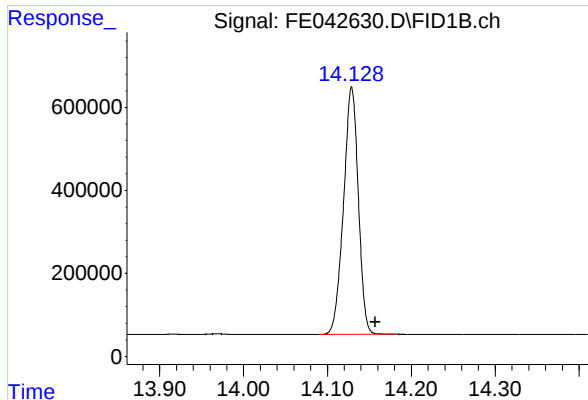
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.027 min
Response: 7460101
Conc: 50.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.027 min
Response: 6232968
Conc: 46.91 ug/ml



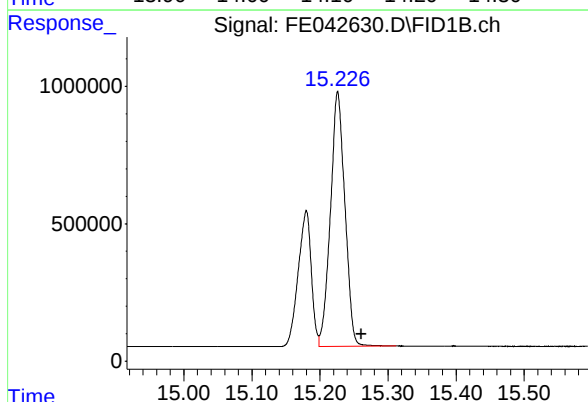
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.028 min
Response: 7308853
Conc: 49.86 ug/ml

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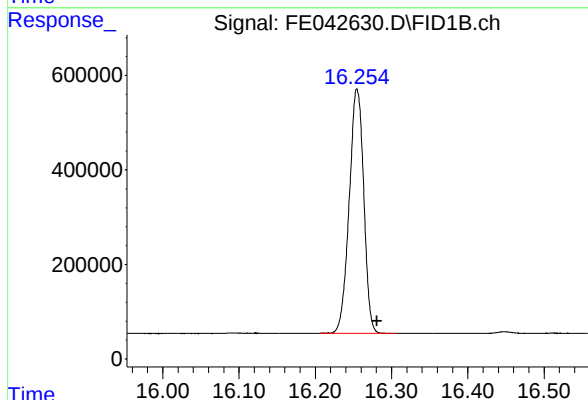
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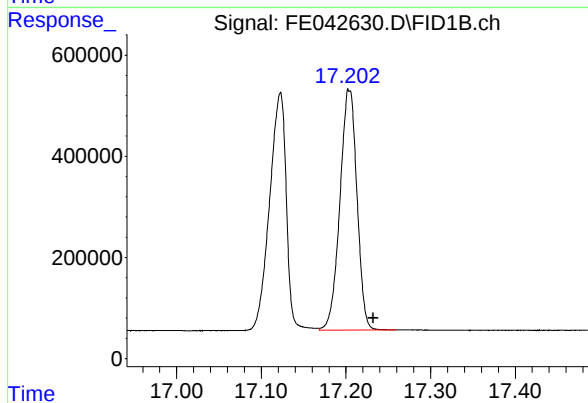
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.035 min
Response: 13689208
Conc: 94.83 ug/ml



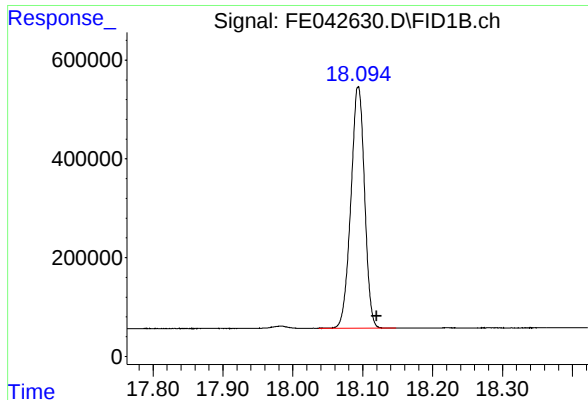
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.026 min
Response: 6848264
Conc: 49.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.028 min
Response: 6666166
Conc: 49.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.026 min
Response: 6665298
Conc: 49.38 ug/ml

Instrument :

FID_E

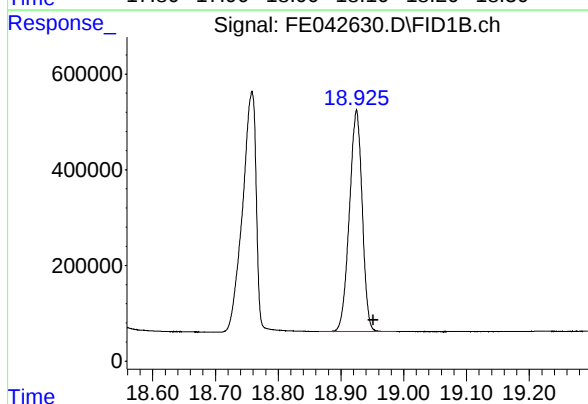
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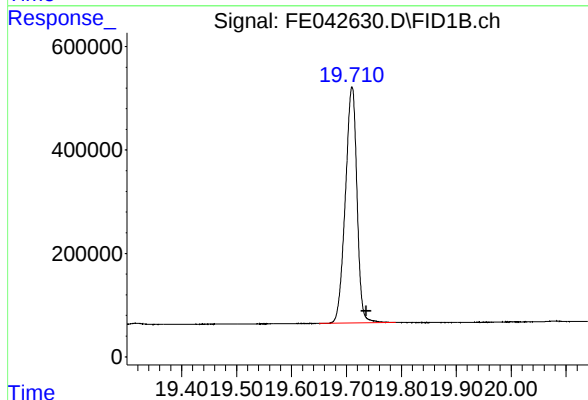
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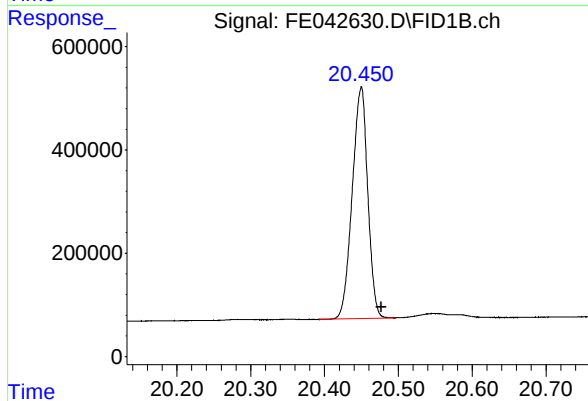
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.027 min
Response: 6560444
Conc: 49.11 ug/ml



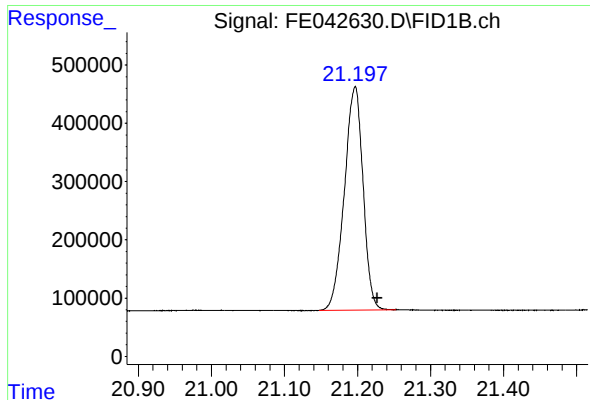
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.026 min
Response: 6711150
Conc: 51.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.027 min
Response: 6540848
Conc: 50.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.030 min
Response: 6811966
Conc: 50.21 ug/ml

Instrument :

FID_E

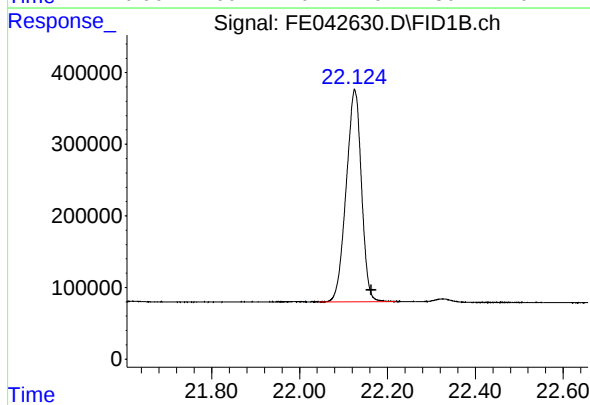
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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.038 min
Response: 7137494
Conc: 51.31 ug/ml