

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041045.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 14:55
 Operator : YP\AJ
 Sample : PB151744BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB151744BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e
 Quant Time: Mar 29 01:31:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.857	7258344	38.621 ug/ml
Spiked Amount 50.000		Recovery =	77.24%
12) S 1-chlorooctadecane (S...	13.295	5899835	41.005 ug/ml
Spiked Amount 50.000		Recovery =	82.01%
Target Compounds			
1) T n-Nonane (C9)	3.264	6485743	37.379 ug/ml
2) T n-Decane (C10)	4.508	6694948	39.332 ug/ml
3) T A~Naphthalene (C11.7)	6.205	7322759	40.035 ug/ml
4) T n-Dodecane (C12)	6.668	7012829	40.429 ug/ml
5) T A~2-methylnaphthalene...	7.300	6925412	41.817 ug/ml
6) T n-Tetradecane (C14)	8.495	6994536	40.114 ug/ml
7) T n-Hexadecane (C16)	10.099	7138210	40.135 ug/ml
8) T n-Octadecane (C18)	11.542	7033415	39.391 ug/ml
10) T n-Eicosane (C20)	12.852	6901308	40.459 ug/ml
11) T n-Heneicosane (C21)	13.463	6547987	38.703 ug/ml
13) T n-Docosane (C22)	14.049	6440454	38.919 ug/ml
14) T n-Tetracosane (C24)	15.146	12464553	77.043 ug/ml
15) T n-Hexacosane (C26)	16.175	6101398	39.360 ug/ml
16) T n-Octacosane (C28)	17.124	6135337	40.053 ug/ml
17) T n-Tricontane (C30)	18.015	6004297	39.281 ug/ml
18) T n-Dotriacontane (C32)	18.846	5874939	37.629 ug/ml
19) T n-Tetratriacontane (C34)	19.630	5840552	37.689 ug/mlm
20) T n-Hexatriacontane (C36)	20.372	5719939	37.656 ug/ml
21) T n-Octatriacontane (C38)	21.097	5778070	36.987 ug/mlm
22) T n-Tetracontane (C40)	21.983	5847672	36.638 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB151744BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

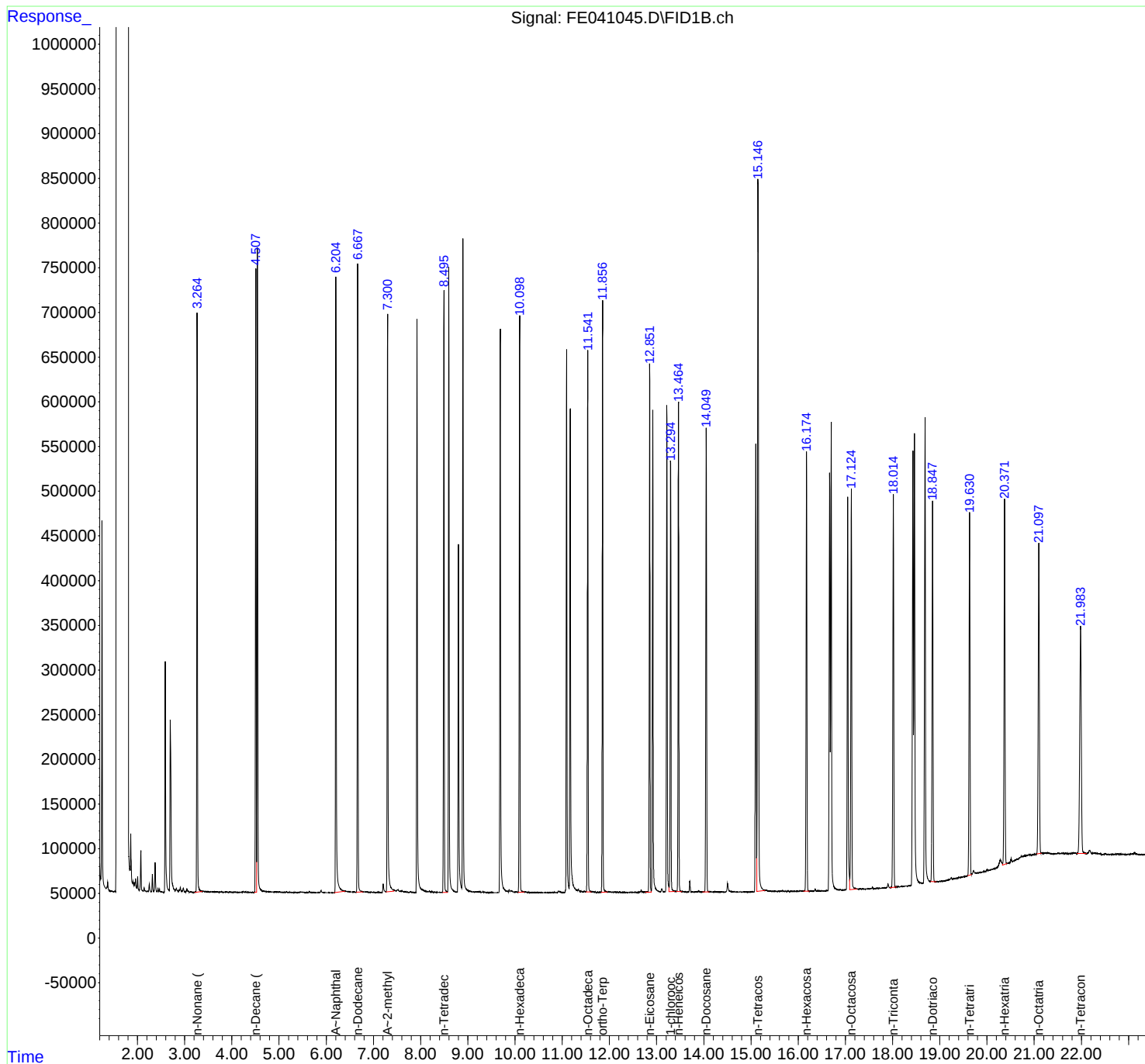
Instrument :
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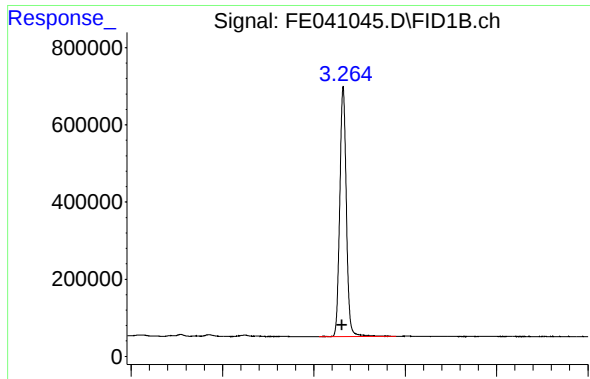
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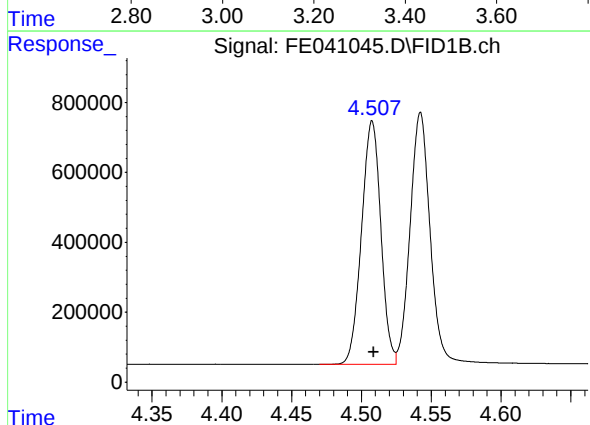
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 6485743
Conc: 37.38 ug/ml

Instrument :
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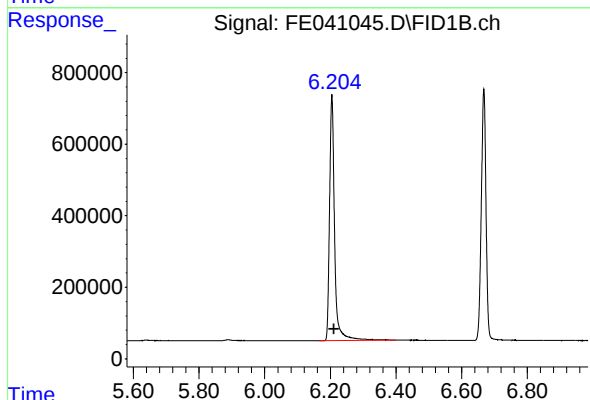
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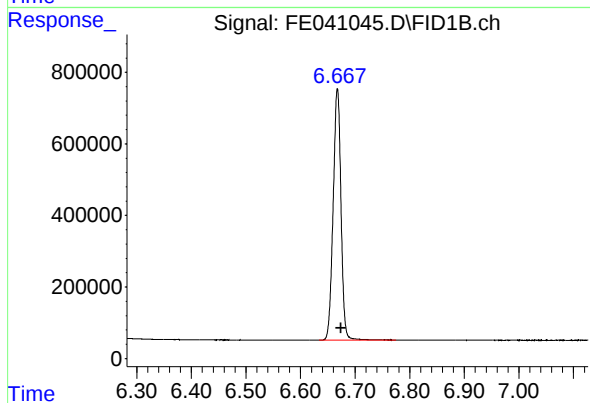
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.001 min
Response: 6694948
Conc: 39.33 ug/ml



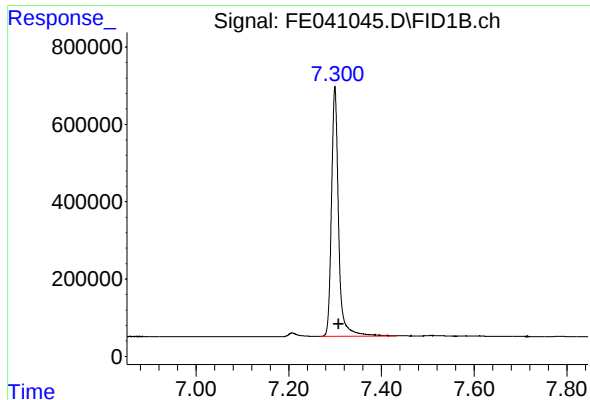
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.007 min
Response: 7322759
Conc: 40.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.006 min
Response: 7012829
Conc: 40.43 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.008 min
Response: 6925412
Conc: 41.82 ug/ml

Instrument :

FID_E

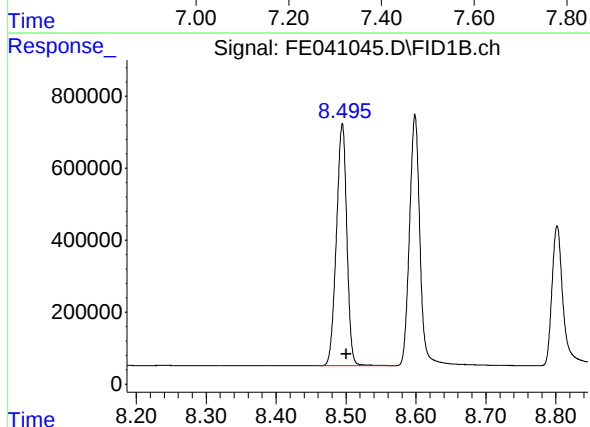
ClientSampleId :

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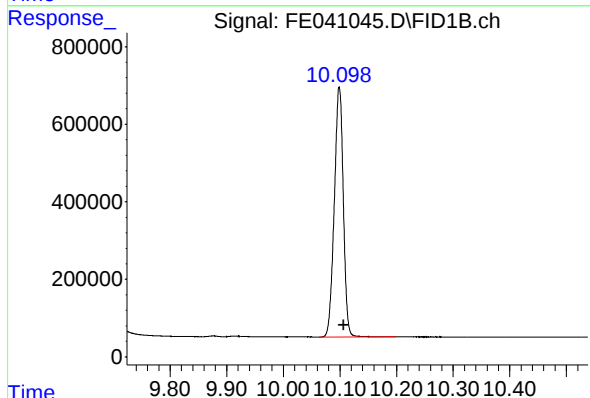
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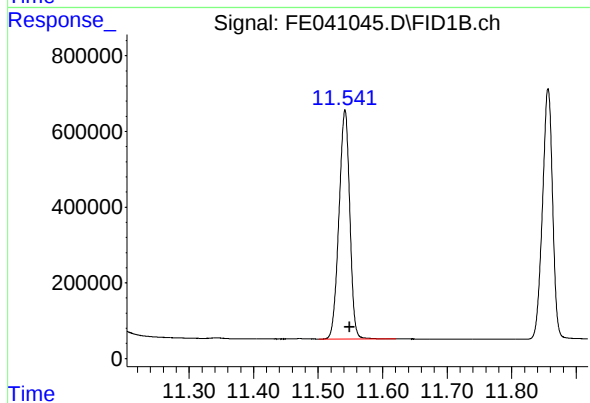
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 6994536
Conc: 40.11 ug/ml



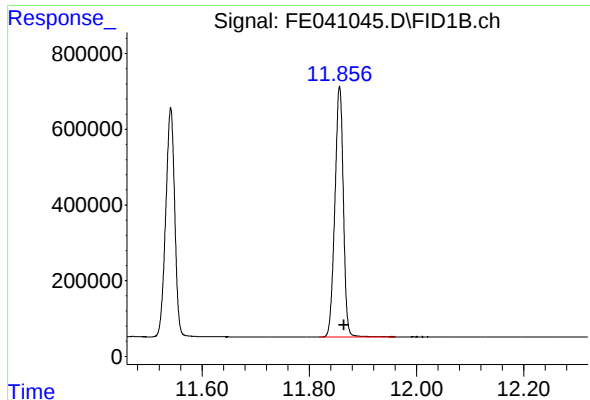
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.008 min
Response: 7138210
Conc: 40.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: -0.008 min
Response: 7033415
Conc: 39.39 ug/ml



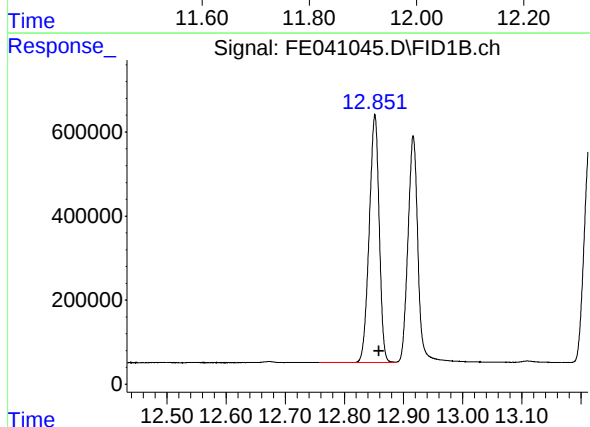
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.009 min
Response: 7258344
Conc: 38.62 ug/ml

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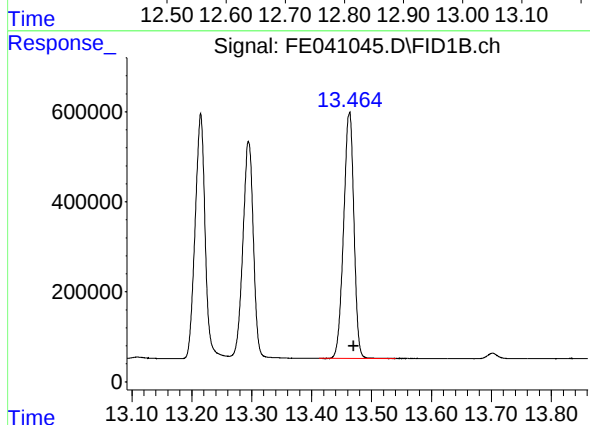
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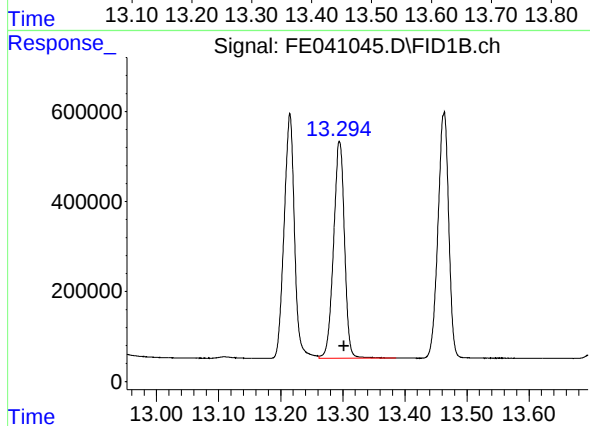
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.007 min
Response: 6901308
Conc: 40.46 ug/ml



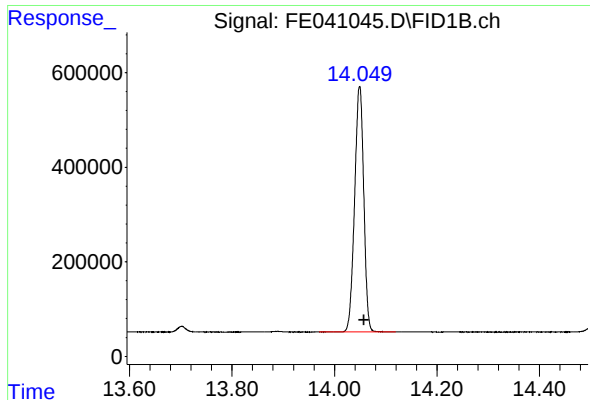
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.007 min
Response: 6547987
Conc: 38.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.007 min
Response: 5899835
Conc: 41.01 ug/ml



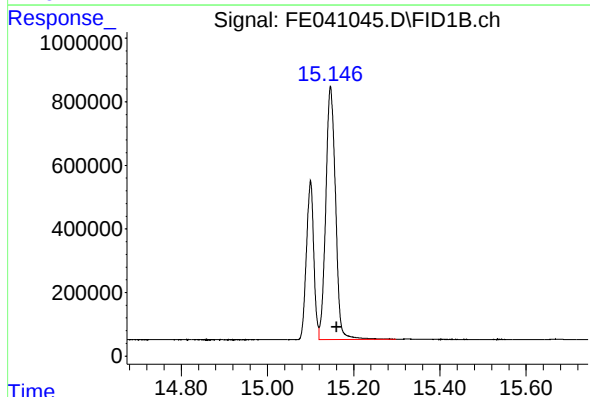
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.008 min
Response: 6440454
Conc: 38.92 ug/ml

Instrument :
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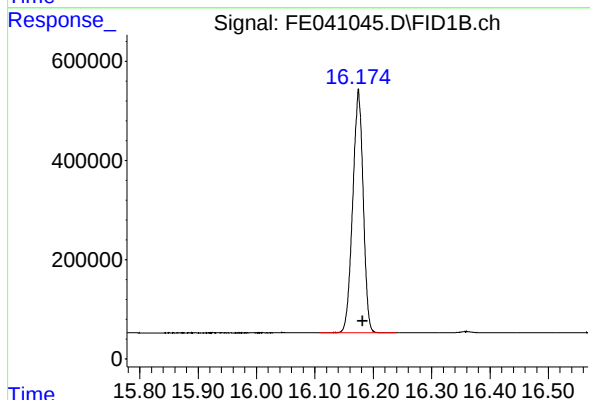
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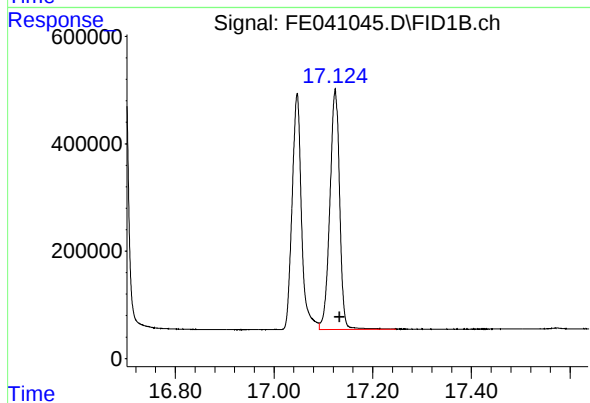
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.015 min
Response: 12464553
Conc: 77.04 ug/ml



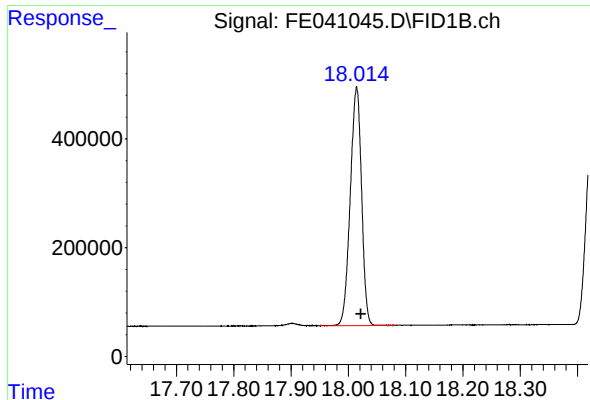
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.007 min
Response: 6101398
Conc: 39.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 6135337
Conc: 40.05 ug/ml



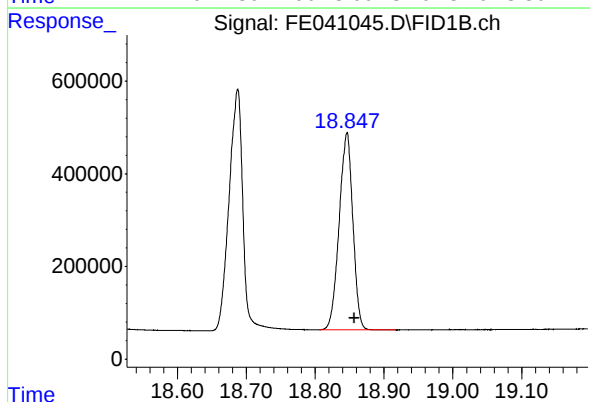
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.008 min
Response: 6004297
Conc: 39.28 ug/ml

Instrument :
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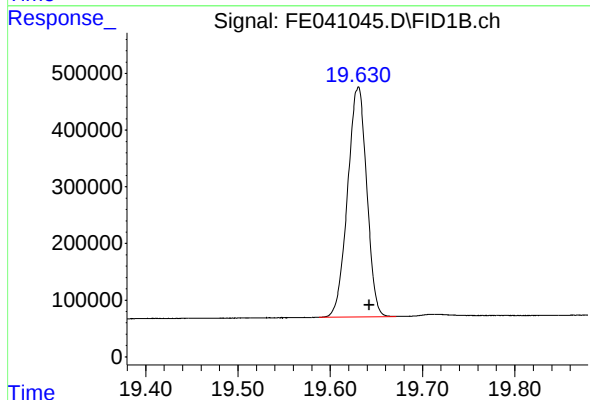
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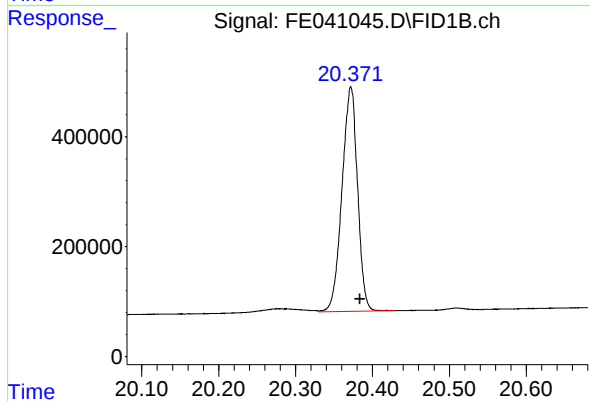
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.010 min
Response: 5874939
Conc: 37.63 ug/ml



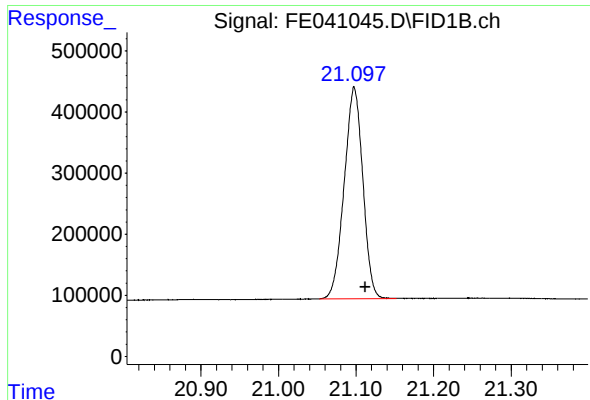
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.012 min
Response: 5840552
Conc: 37.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.012 min
Response: 5719939
Conc: 37.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.015 min
Response: 5778070
Conc: 36.99 ug/ml

Instrument :

FID_E

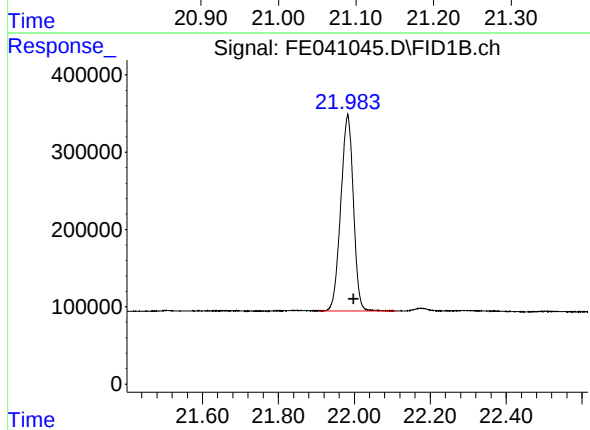
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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.015 min
Response: 5847672
Conc: 36.64 ug/ml