

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032323AL\
 Data File : FE040977.D
 Signal(s) : FID1B.ch
 Acq On : 23 Mar 2023 16:53
 Operator : YP\AJ
 Sample : 02028-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-032123MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/24/2023
 Supervised By :Ankita Jodhani 03/24/2023

Integration File: autoint1.e
 Quant Time: Mar 24 02:54:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.868	6192100	33.146 ug/ml
Spiked Amount 50.000		Recovery =	66.29%
12) S 1-chlorooctadecane (S...	13.326	86163714	582.170 ug/ml
Spiked Amount 50.000		Recovery =	1164.34%
Target Compounds			
1) T n-Nonane (C9)	3.264	4184624	27.195 ug/ml
2) T n-Decane (C10)	4.513	4841725	32.182 ug/ml
3) T A~Naphthalene (C11.7)	6.214	6067048	36.577 ug/ml
4) T n-Dodecane (C12)	6.677	5925633	38.707 ug/ml
5) T A~2-methylnaphthalene...	7.309	6286826	41.540 ug/ml
6) T n-Tetradecane (C14)	8.505	7109984	46.003 ug/ml
7) T n-Hexadecane (C16)	10.111	7857508	48.647 ug/ml
8) T n-Octadecane (C18)	11.553	7744115	45.608 ug/ml
10) T n-Eicosane (C20)	12.864	7728331	45.684 ug/ml
11) T n-Heneicosane (C21)	13.480	7313515	42.679 ug/ml
13) T n-Docosane (C22)	14.062	7006601	40.899 ug/ml
14) T n-Tetracosane (C24)	15.160	13086180	75.910 ug/ml
15) T n-Hexacosane (C26)	16.189	6444804	37.919 ug/ml
16) T n-Octacosane (C28)	17.138	6424357	38.307 ug/ml
17) T n-Tricontane (C30)	18.029	6287599	38.507 ug/ml
18) T n-Dotriacontane (C32)	18.863	6197857	36.213 ug/ml
19) T n-Tetratriacontane (C34)	19.648	6119360	39.580 ug/ml
20) T n-Hexatriacontane (C36)	20.390	5819553	40.058 ug/ml
21) T n-Octatriacontane (C38)	21.120	6050988	44.021 ug/ml
22) T n-Tetracontane (C40)	22.009	6331430	40.975 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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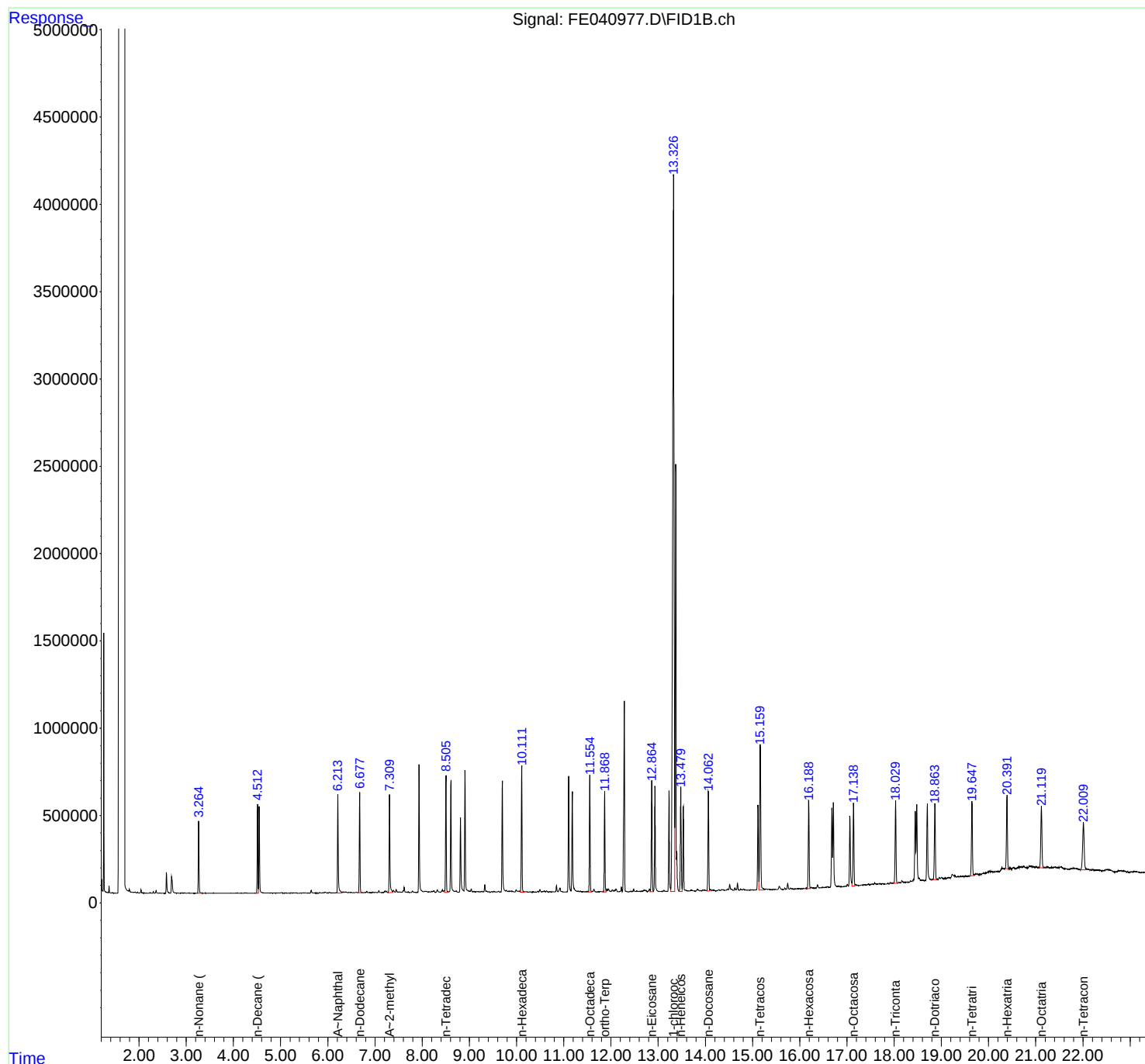
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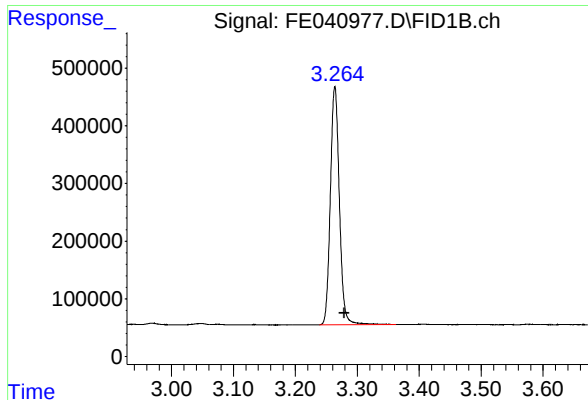
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#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.015 min
Response: 4184624
Conc: 27.20 ug/ml

Instrument :

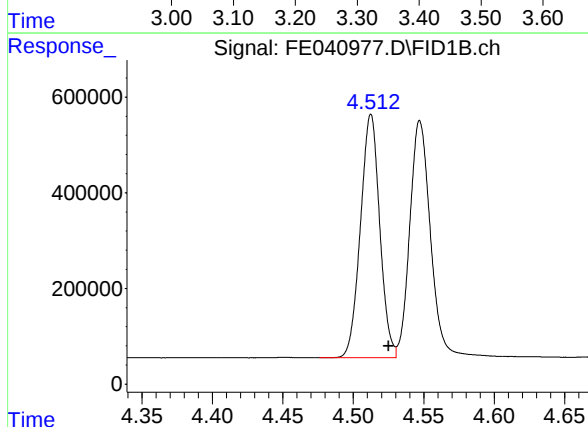
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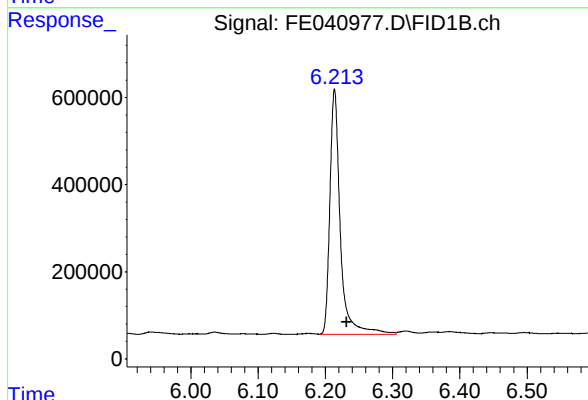
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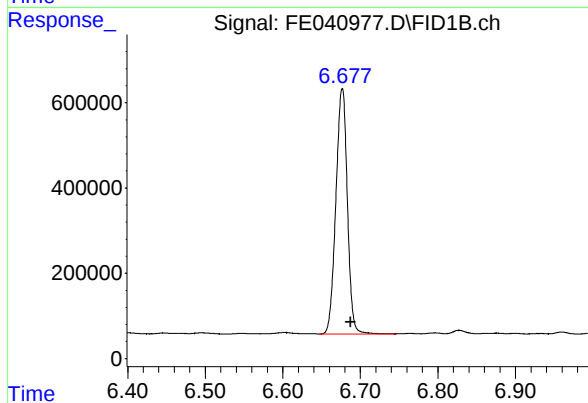
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.012 min
Response: 4841725
Conc: 32.18 ug/ml



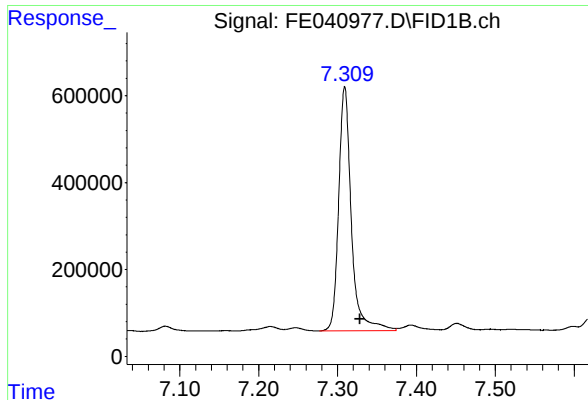
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.018 min
Response: 6067048
Conc: 36.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.011 min
Response: 5925633
Conc: 38.71 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.019 min
Response: 6286826
Conc: 41.54 ug/ml

Instrument :

FID_E

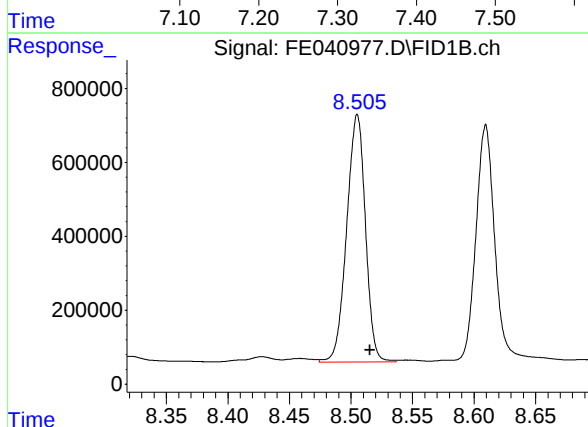
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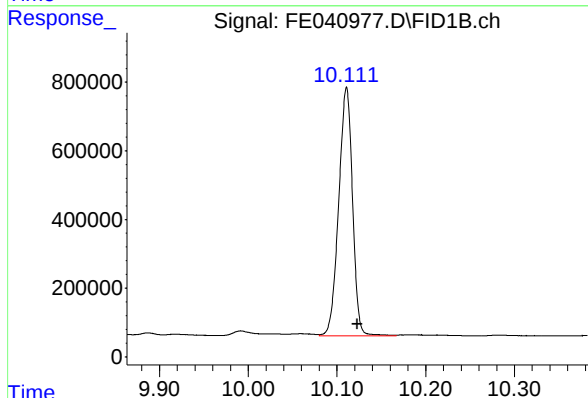
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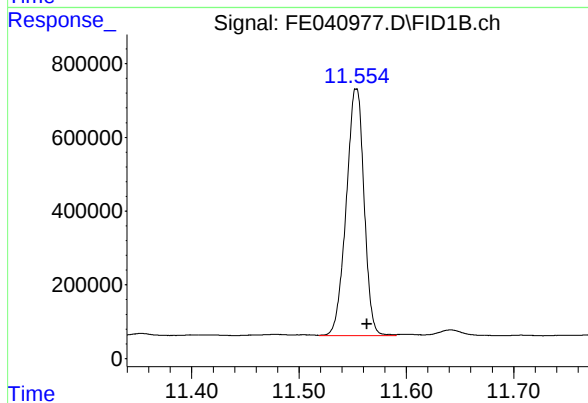
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.010 min
Response: 7109984
Conc: 46.00 ug/ml



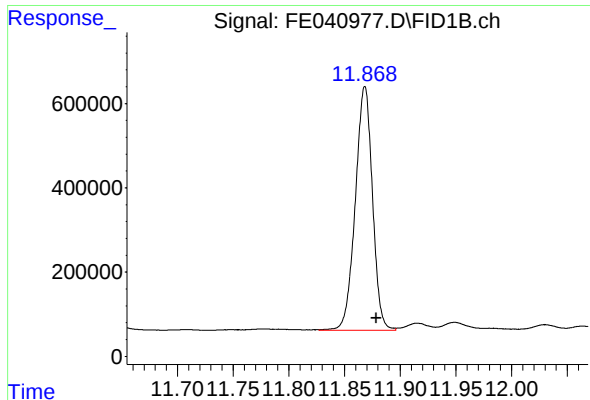
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.012 min
Response: 7857508
Conc: 48.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.010 min
Response: 7744115
Conc: 45.61 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.010 min
Response: 6192100
Conc: 33.15 ug/ml

Instrument :

FID_E

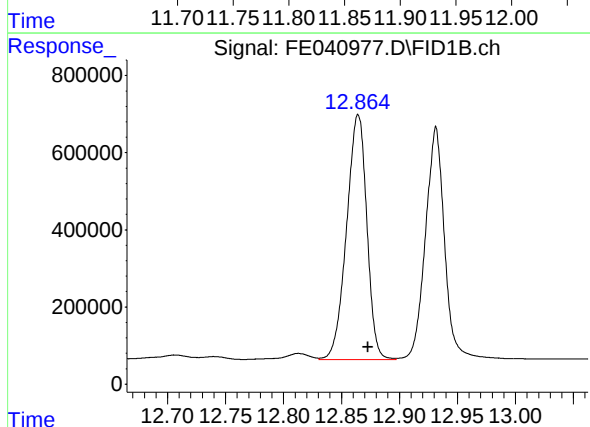
ClientSampleId :

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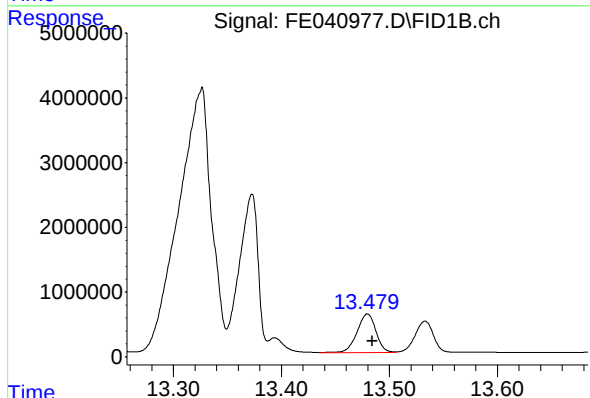
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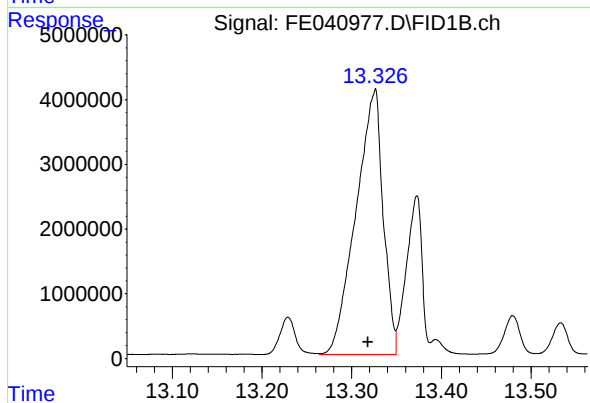
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.008 min
Response: 7728331
Conc: 45.68 ug/ml



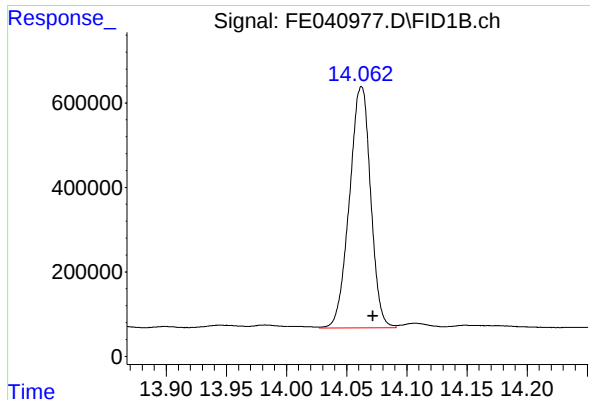
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.004 min
Response: 7313515
Conc: 42.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: 0.008 min
Response: 86163714
Conc: 582.17 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.009 min
Response: 7006601
Conc: 40.90 ug/ml

Instrument :

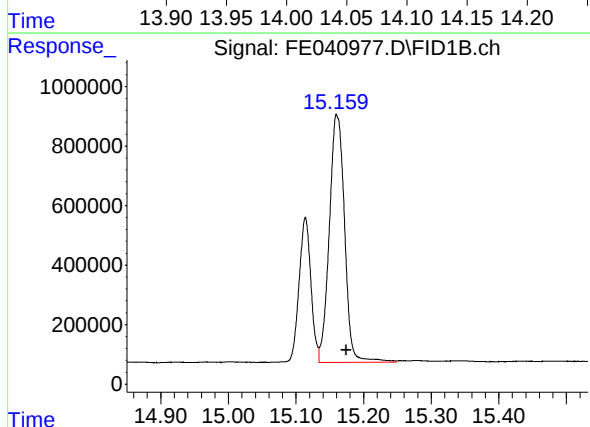
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ClientSampleId :

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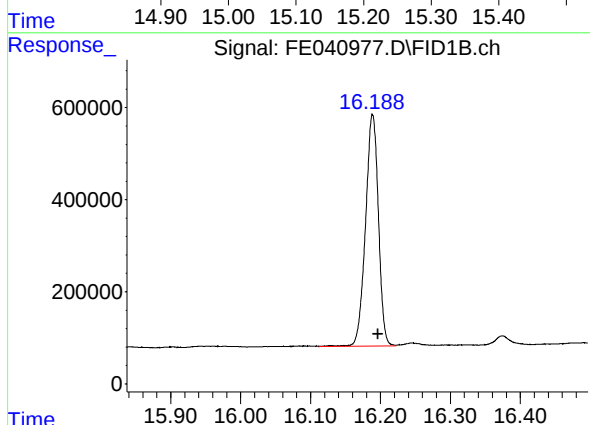
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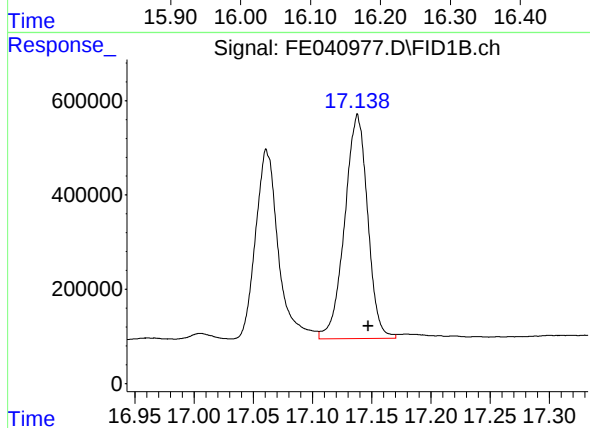
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.014 min
Response: 13086180
Conc: 75.91 ug/ml



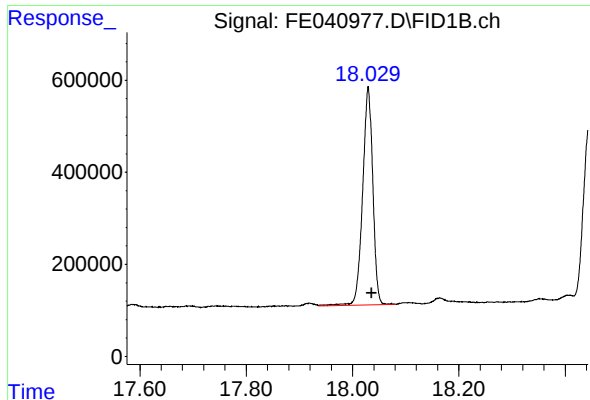
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 6444804
Conc: 37.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.009 min
Response: 6424357
Conc: 38.31 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.007 min
Response: 6287599
Conc: 38.51 ug/ml

Instrument :

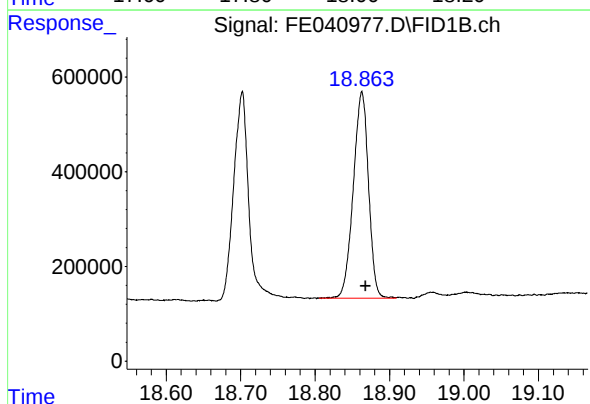
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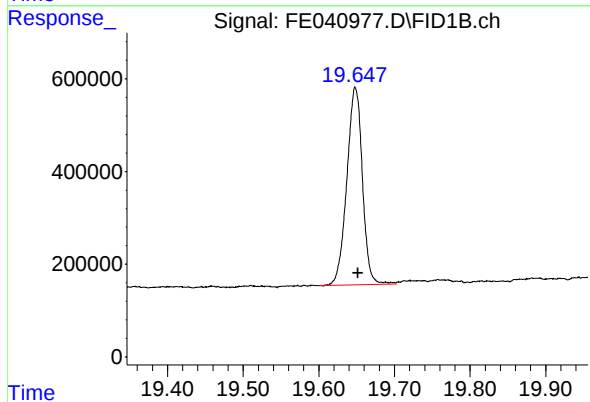
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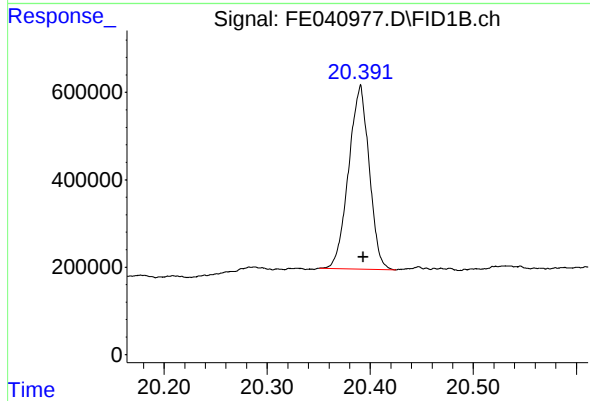
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.005 min
Response: 6197857
Conc: 36.21 ug/ml



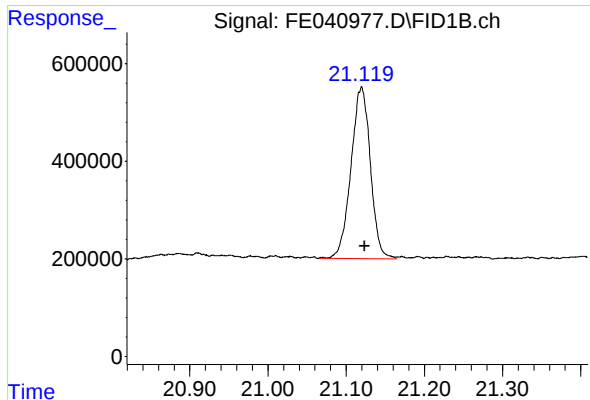
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.004 min
Response: 6119360
Conc: 39.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: -0.003 min
Response: 5819553
Conc: 40.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.004 min
Response: 6050988
Conc: 44.02 ug/ml

Instrument :

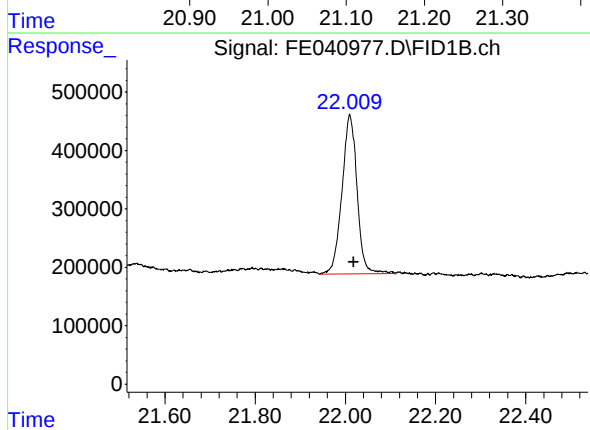
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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.009 min
Response: 6331430
Conc: 40.97 ug/ml m