

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022525AL\
 Data File : FF015541.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 15:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 25 16:04:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:04:14 2025
 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)	11.934	823154	5.266 ug/ml
Spiked Amount 50.000		Recovery =	10.53%
12) S 1-chlorooctadecane (S...	13.372	584897	4.943 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
Target Compounds			
1) T n-Nonane (C9)	3.313	648337	5.200 ug/ml
2) T n-Decane (C10)	4.569	642180	5.121 ug/ml
3) T A~Naphthalene (C11.7)	6.281	597783	4.665 ug/ml
4) T n-Dodecane (C12)	6.735	649410	5.106 ug/ml
5) T A~2-methylnaphthalene...	7.382	496815	4.216 ug/ml
6) T n-Tetradecane (C14)	8.563	609474	4.852 ug/ml
7) T n-Hexadecane (C16)	10.171	636100	4.871 ug/ml
8) T n-Octadecane (C18)	11.614	673554	4.901 ug/ml
10) T n-Eicosane (C20)	12.925	700452	5.063 ug/ml
11) T n-Heneicosane (C21)	13.537	711530	5.122 ug/ml
13) T n-Docosane (C22)	14.125	694820	5.024 ug/ml
14) T n-Tetracosane (C24)	15.229	708180	4.996 ug/ml
15) T n-Hexacosane (C26)	16.253	712144	5.013 ug/ml
16) T n-Octacosane (C28)	17.203	720565	5.090 ug/ml
17) T n-Tricontane (C30)	18.091	785324	5.378 ug/ml
18) T n-Dotriacontane (C32)	18.924	799579	5.584 ug/ml
19) T n-Tetratriacontane (C34)	19.709	692718	5.478 ug/ml
20) T n-Hexatriacontane (C36)	20.451	544226	5.124 ug/mlm
21) T n-Octatriacontane (C38)	21.192	441788	4.891 ug/ml
22) T n-Tetracontane (C40)	22.114	346303	4.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FF015541.D
Signal(s) : FID2B.ch
Acq On : 25 Feb 2025 15:53
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

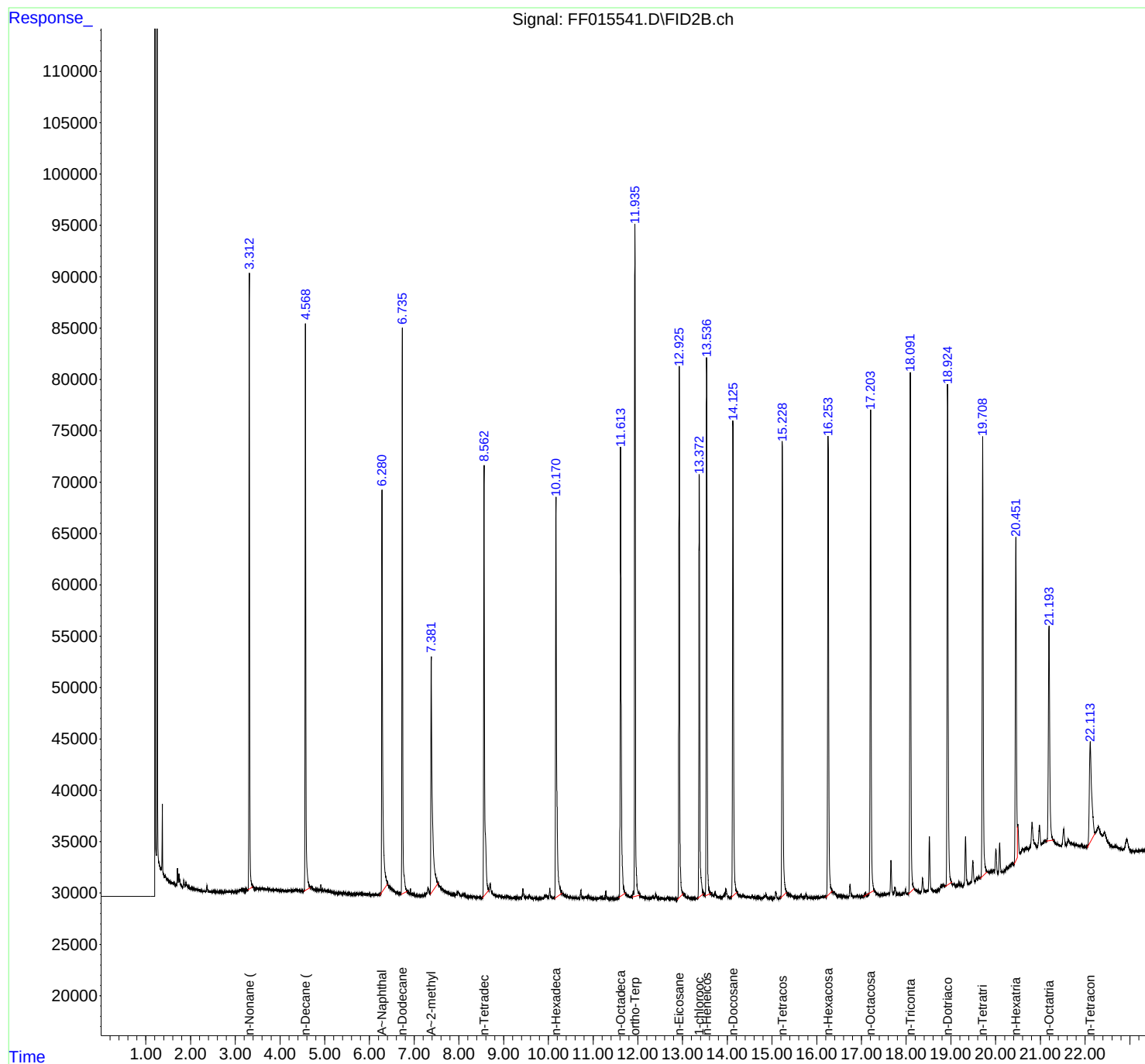
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FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

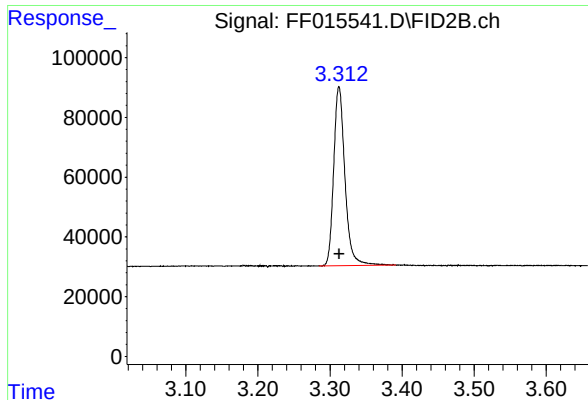
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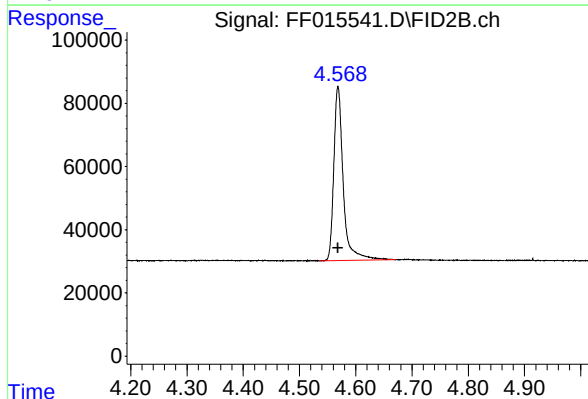
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 648337
Conc: 5.20 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

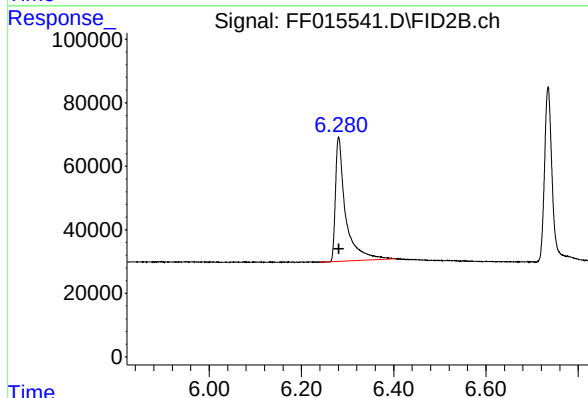
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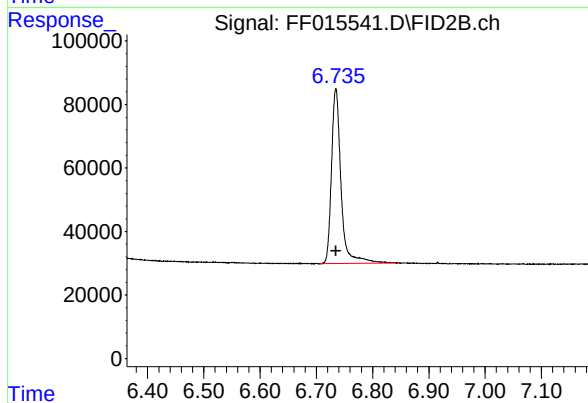
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 642180
Conc: 5.12 ug/ml



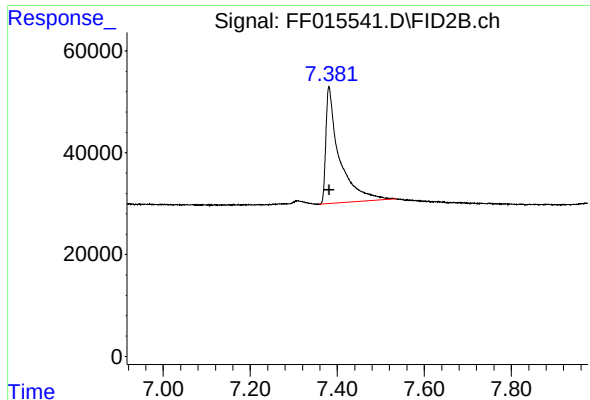
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 597783
Conc: 4.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 649410
Conc: 5.11 ug/ml



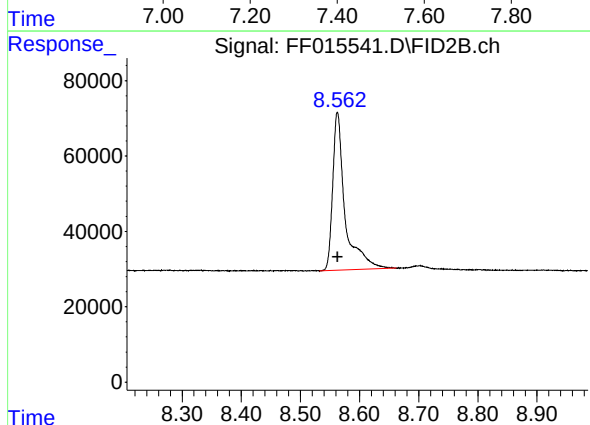
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 496815
Conc: 4.22 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

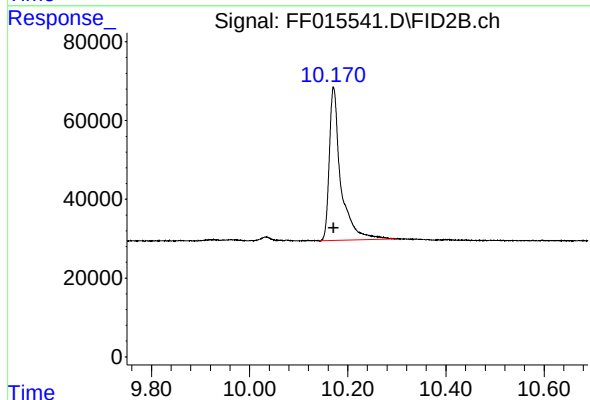
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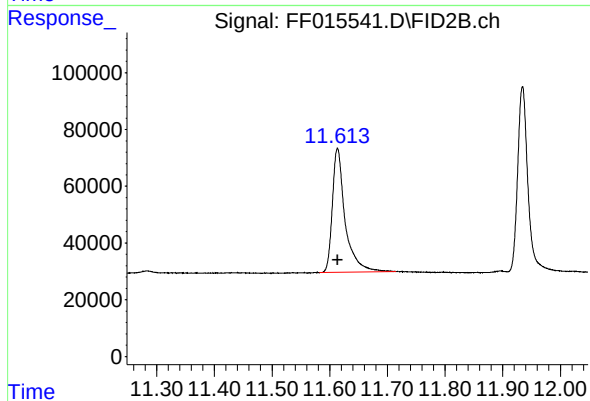
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 609474
Conc: 4.85 ug/ml



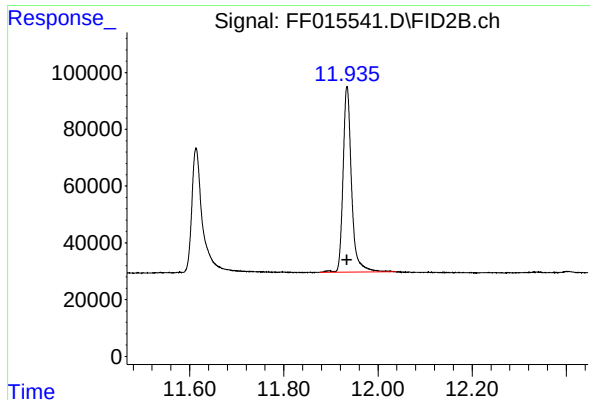
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 636100
Conc: 4.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 673554
Conc: 4.90 ug/ml



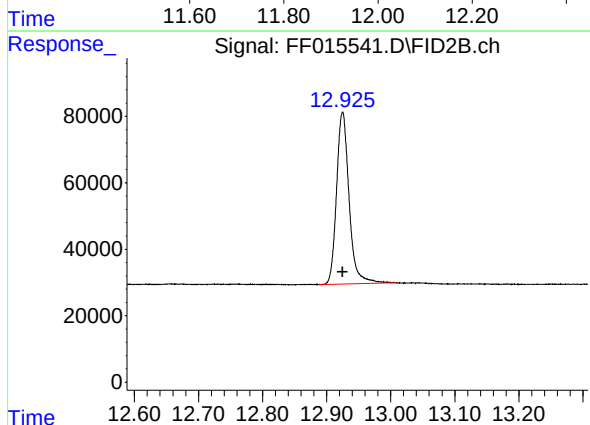
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 823154
Conc: 5.27 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

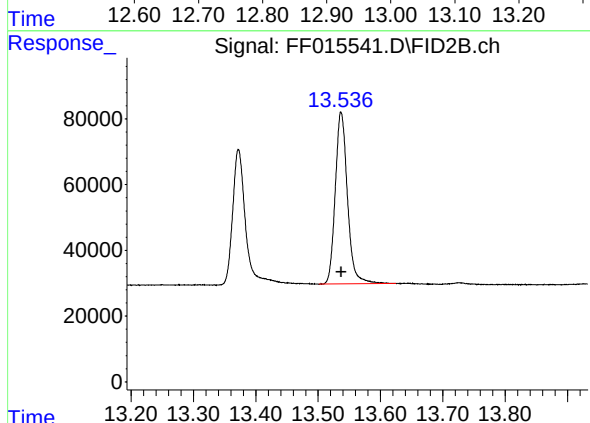
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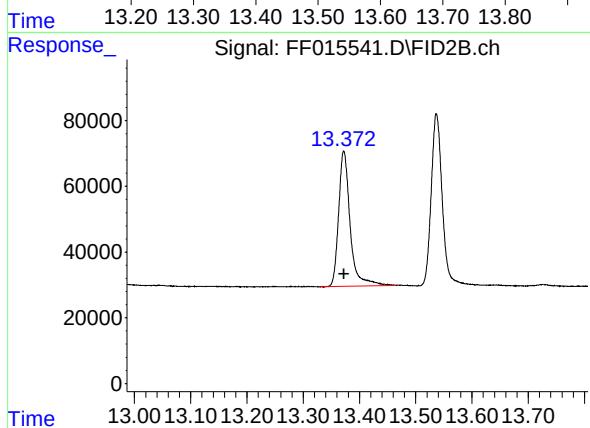
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 700452
Conc: 5.06 ug/ml



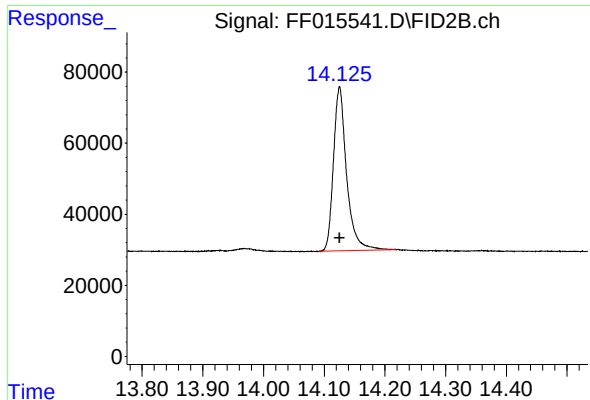
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.000 min
Response: 711530
Conc: 5.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: 0.000 min
Response: 584897
Conc: 4.94 ug/ml



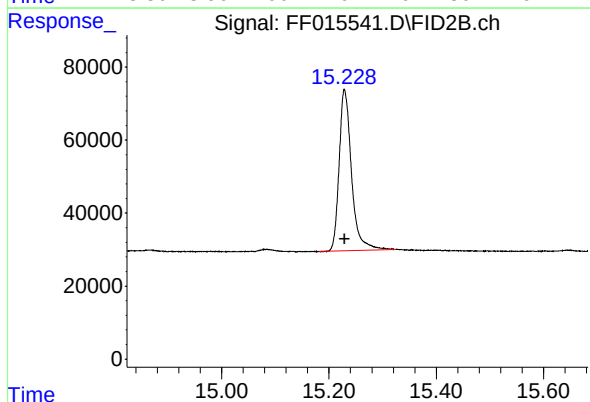
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.000 min
Response: 694820
Conc: 5.02 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

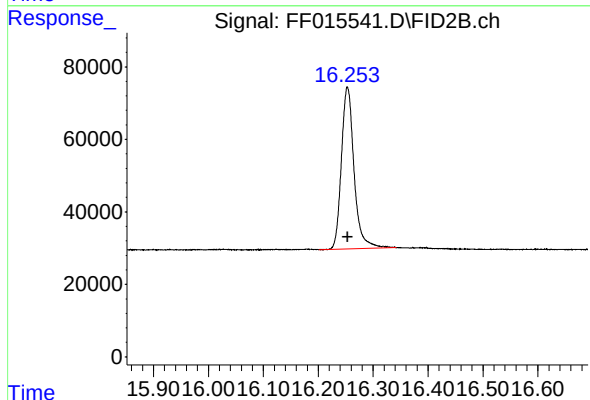
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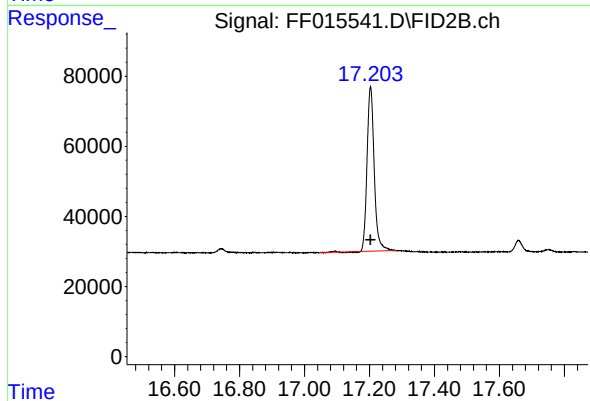
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.000 min
Response: 708180
Conc: 5.00 ug/ml



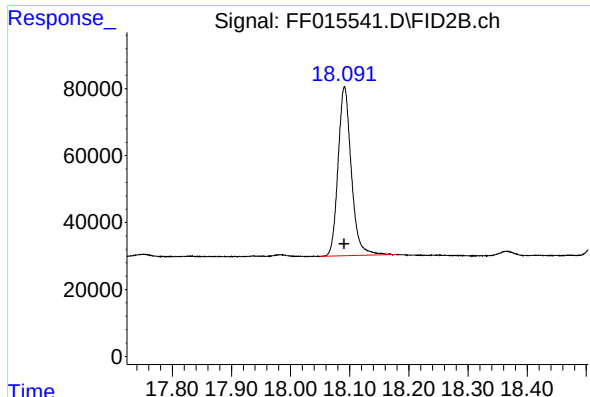
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: 0.000 min
Response: 712144
Conc: 5.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 720565
Conc: 5.09 ug/ml



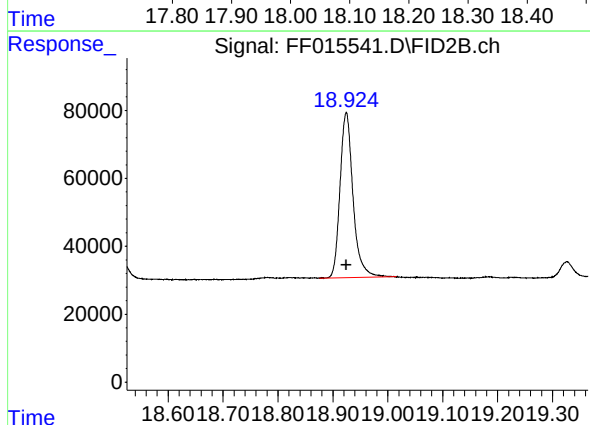
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: 0.000 min
Response: 785324
Conc: 5.38 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

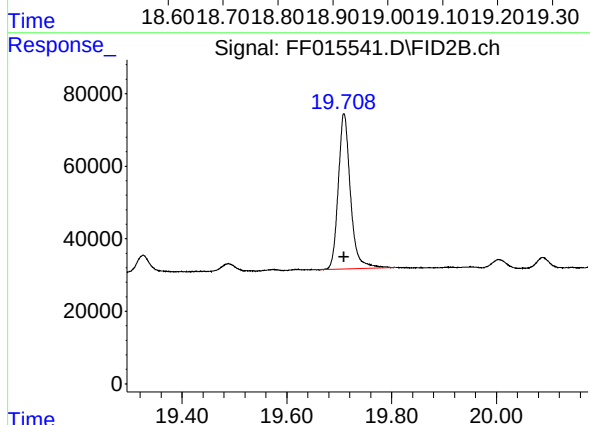
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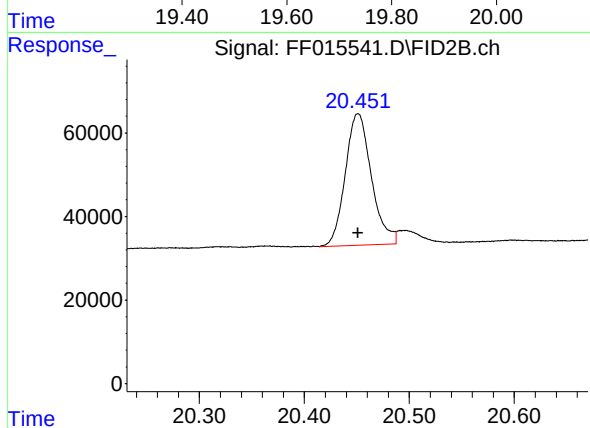
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.000 min
Response: 799579
Conc: 5.58 ug/ml



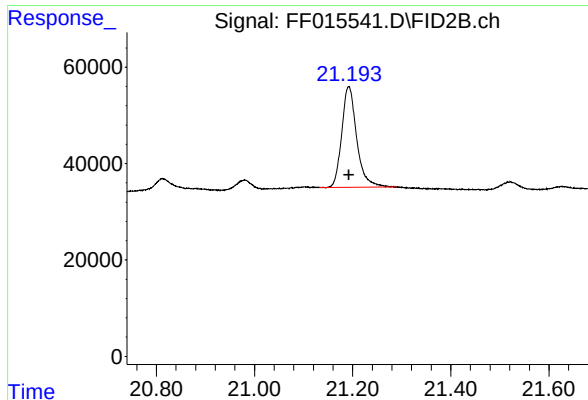
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.000 min
Response: 692718
Conc: 5.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 544226
Conc: 5.12 ug/ml m



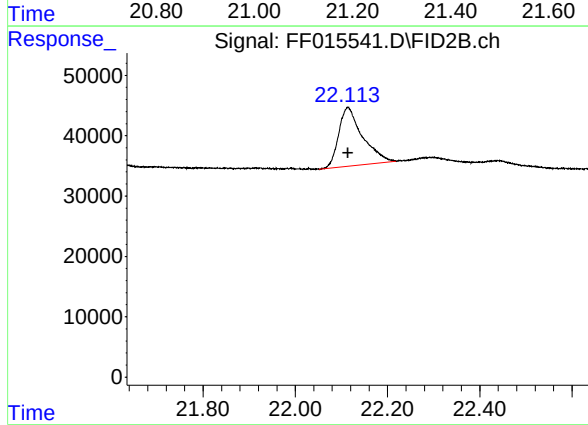
#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.000 min
Response: 441788
Conc: 4.89 ug/ml

Instrument : FID_F
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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: 0.000 min
Response: 346303
Conc: 4.47 ug/ml