

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022525AL\
 Data File : FF015540.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 15:24
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

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 15:34:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 15:34:05 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)	11.933	1622075	10.517 ug/ml
Spiked Amount 50.000		Recovery =	21.03%
12) S 1-chlorooctadecane (S...	13.371	1208486	10.184 ug/ml
Spiked Amount 50.000		Recovery =	20.37%
Target Compounds			
1) T n-Nonane (C9)	3.312	1294133	10.486 ug/ml
2) T n-Decane (C10)	4.567	1288693	10.340 ug/ml
3) T A~Naphthalene (C11.7)	6.276	1269068	9.739 ug/ml
4) T n-Dodecane (C12)	6.733	1290969	10.204 ug/ml
5) T A~2-methylnaphthalene...	7.373	1124760	9.185 ug/ml
6) T n-Tetradecane (C14)	8.561	1296848	10.248 ug/ml
7) T n-Hexadecane (C16)	10.170	1324811	10.081 ug/ml
8) T n-Octadecane (C18)	11.613	1415034	10.247 ug/ml
10) T n-Eicosane (C20)	12.924	1442691	10.462 ug/ml
11) T n-Heneicosane (C21)	13.537	1449529	10.498 ug/ml
13) T n-Docosane (C22)	14.123	1449122	10.490 ug/ml
14) T n-Tetracosane (C24)	15.228	1505159	10.616 ug/ml
15) T n-Hexacosane (C26)	16.251	1517883	10.692 ug/ml
16) T n-Octacosane (C28)	17.201	1523494	10.810 ug/ml
17) T n-Tricontane (C30)	18.090	1575324	10.996 ug/ml
18) T n-Dotriacontane (C32)	18.924	1559033	11.215 ug/ml
19) T n-Tetratriacontane (C34)	19.708	1352505	10.959 ug/ml
20) T n-Hexatriacontane (C36)	20.449	1142118	10.841 ug/mlm
21) T n-Octatriacontane (C38)	21.188	941692	10.368 ug/ml
22) T n-Tetracontane (C40)	22.106	772849	9.708 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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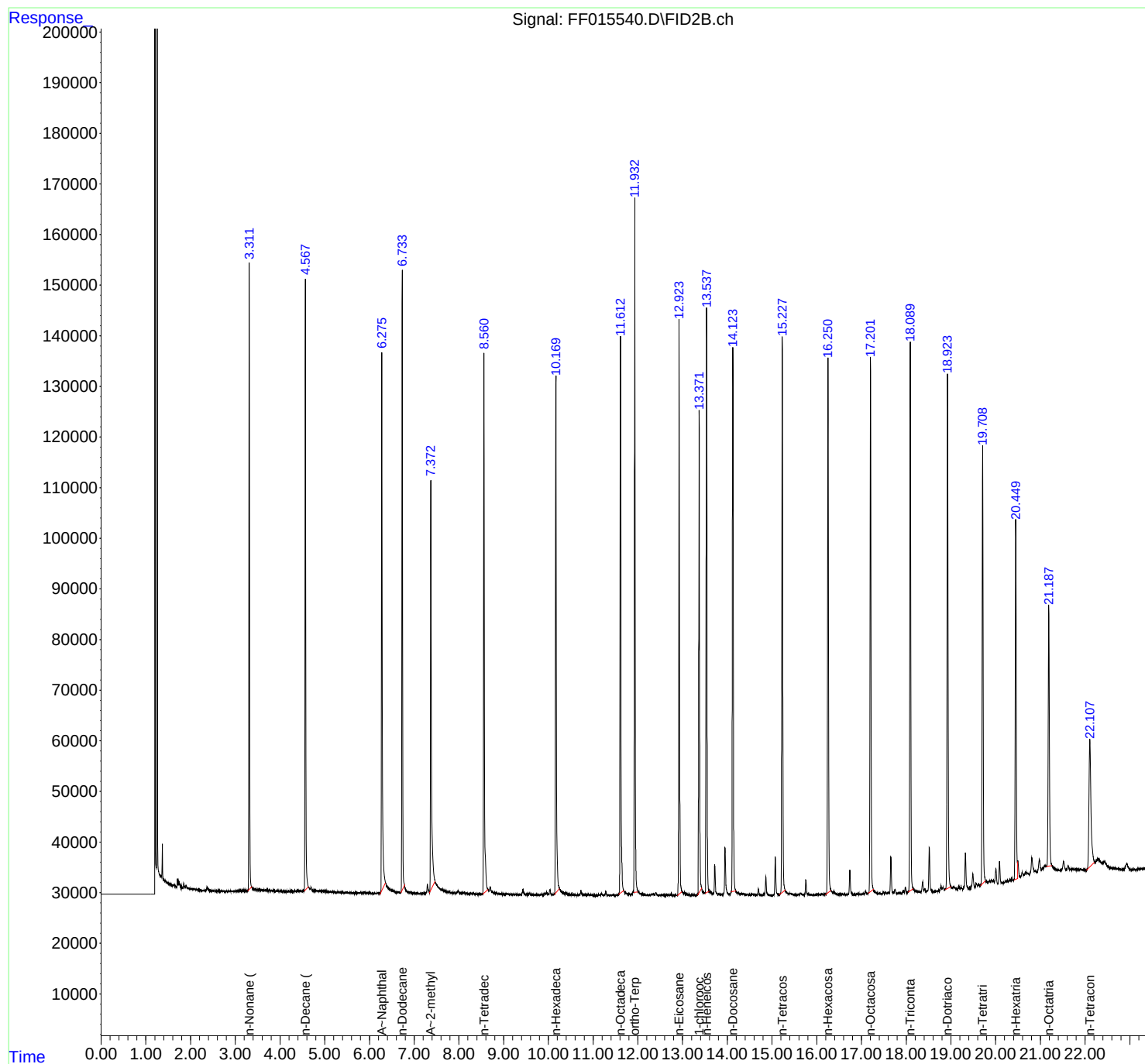
Instrument :
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10 PPM ALIPHATIC HC STD4

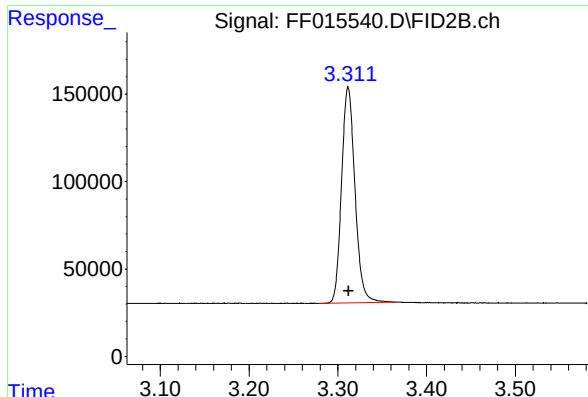
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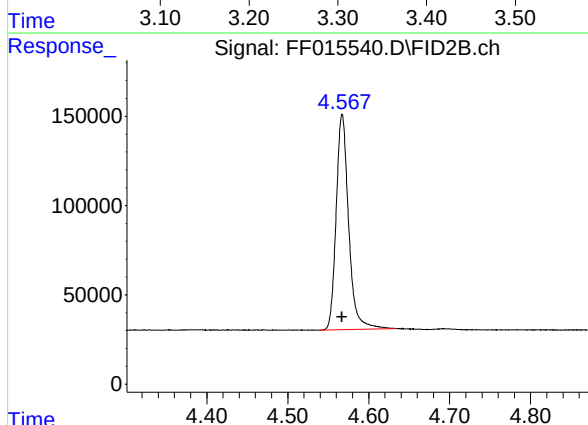
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 1294133
Conc: 10.49 ug/ml

Instrument : FID_F
ClientSampleId : 10 PPM ALIPHATIC HC STD4

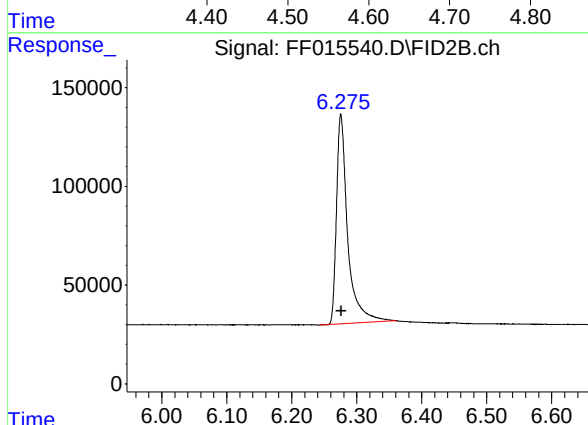
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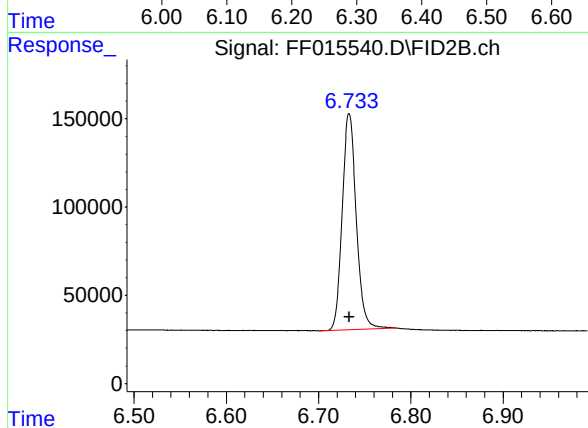
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 1288693
Conc: 10.34 ug/ml



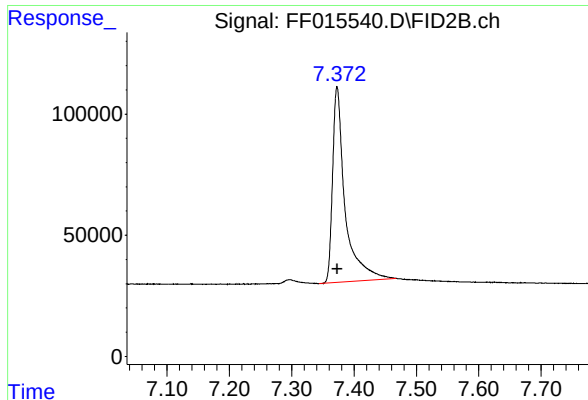
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 1269068
Conc: 9.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 1290969
Conc: 10.20 ug/ml



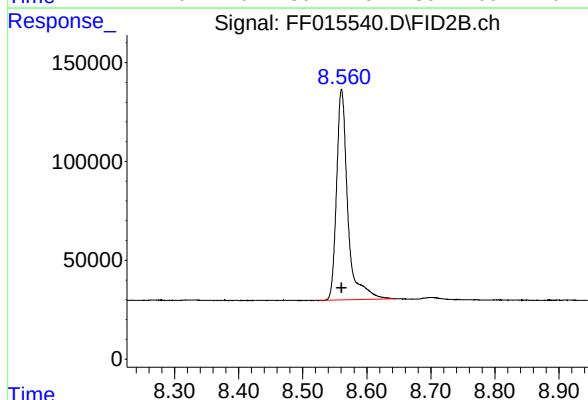
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 1124760
Conc: 9.19 ug/ml

Instrument :
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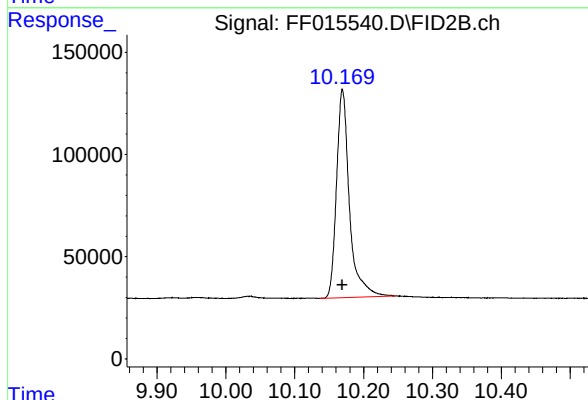
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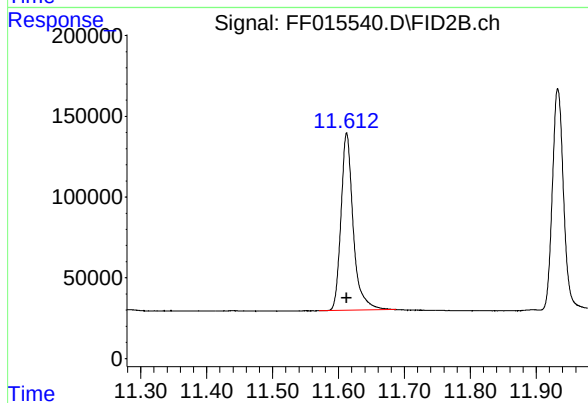
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 1296848
Conc: 10.25 ug/ml



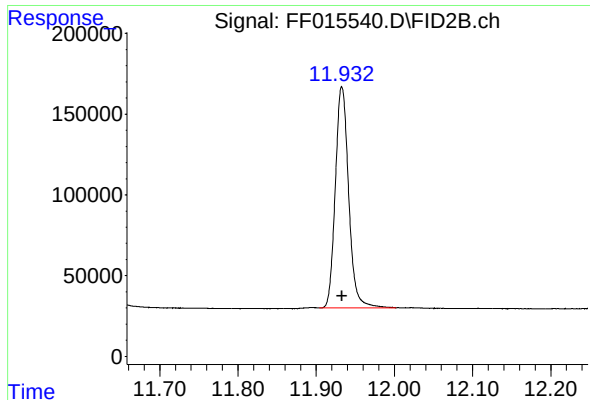
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: 0.000 min
Response: 1324811
Conc: 10.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: 0.000 min
Response: 1415034
Conc: 10.25 ug/ml



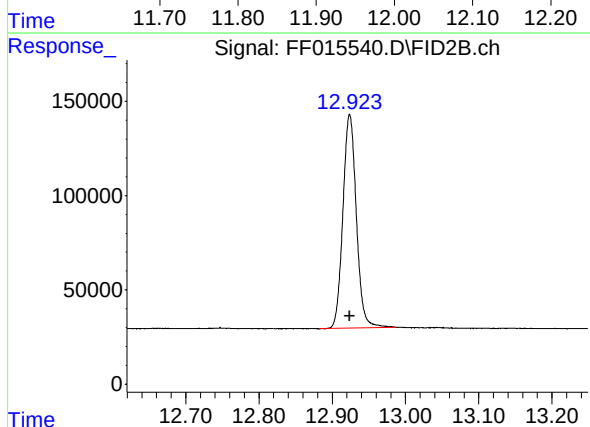
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 1622075
Conc: 10.52 ug/ml

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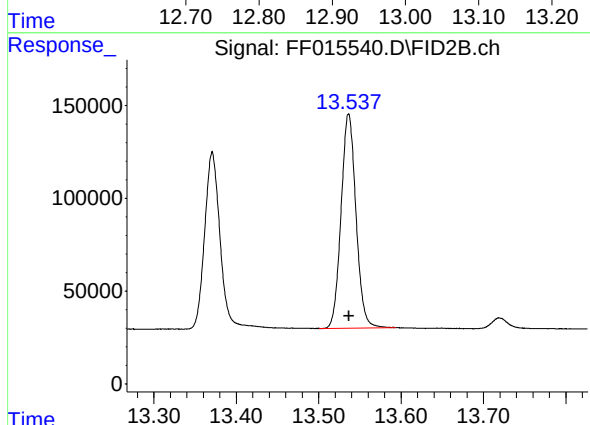
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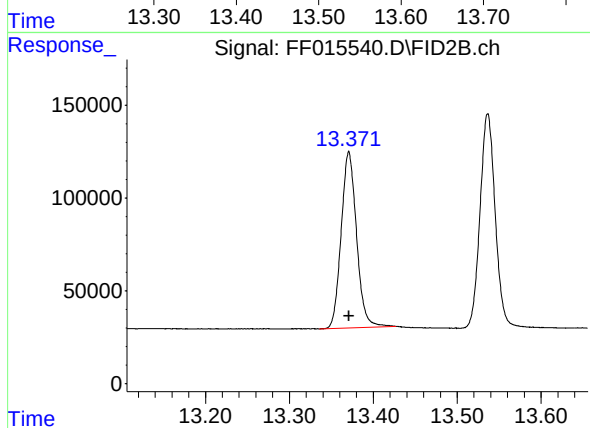
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 1442691
Conc: 10.46 ug/ml



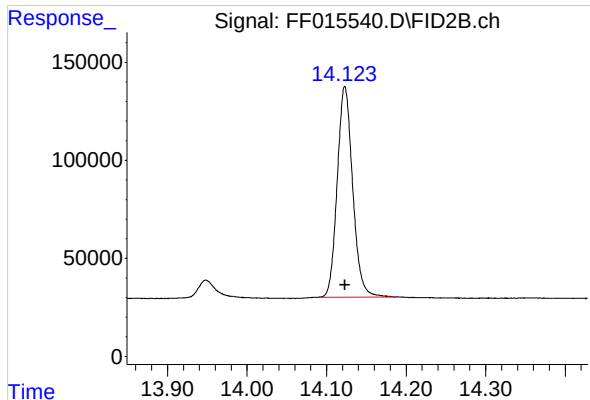
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.000 min
Response: 1449529
Conc: 10.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.000 min
Response: 1208486
Conc: 10.18 ug/ml



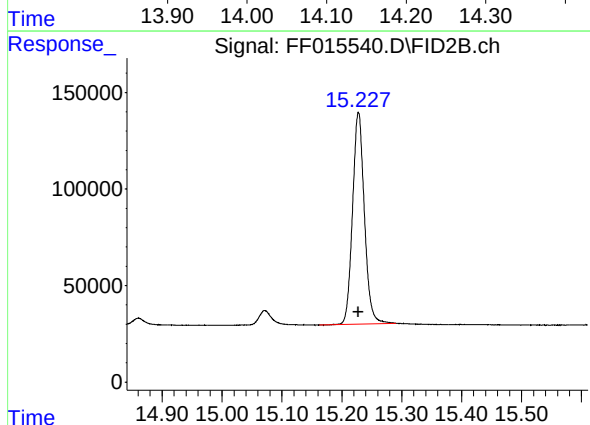
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.000 min
Response: 1449122
Conc: 10.49 ug/ml

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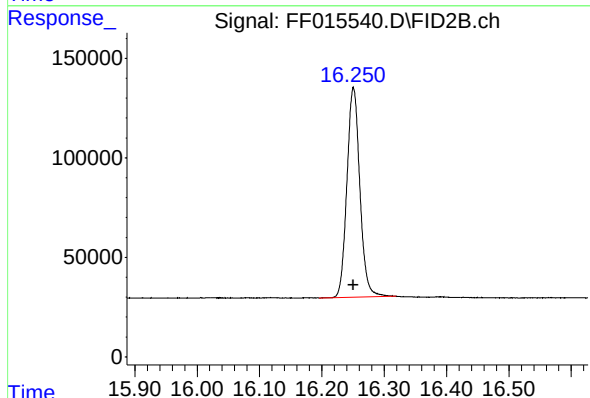
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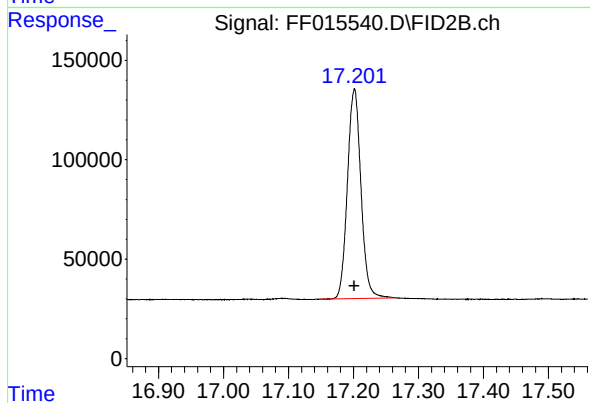
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.000 min
Response: 1505159
Conc: 10.62 ug/ml



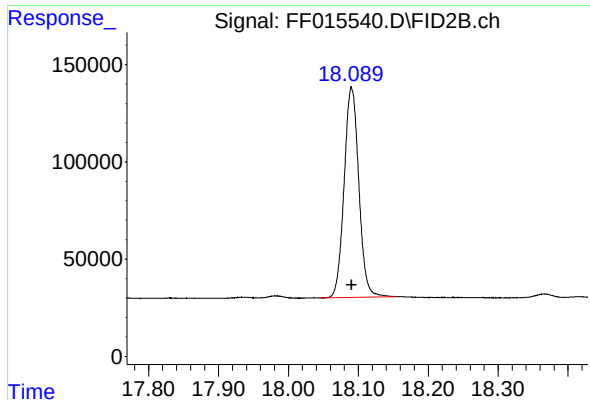
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 1517883
Conc: 10.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: 0.000 min
Response: 1523494
Conc: 10.81 ug/ml



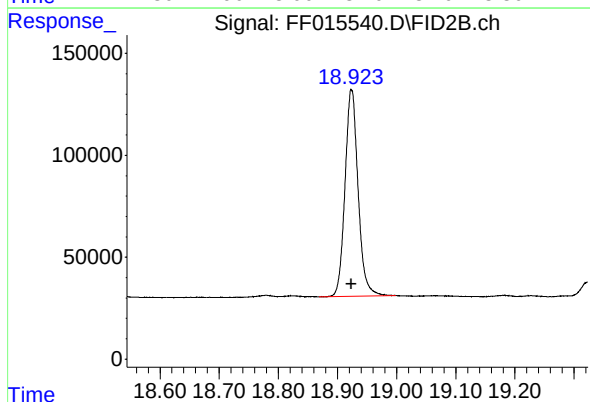
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: 0.000 min
Response: 1575324
Conc: 11.00 ug/ml

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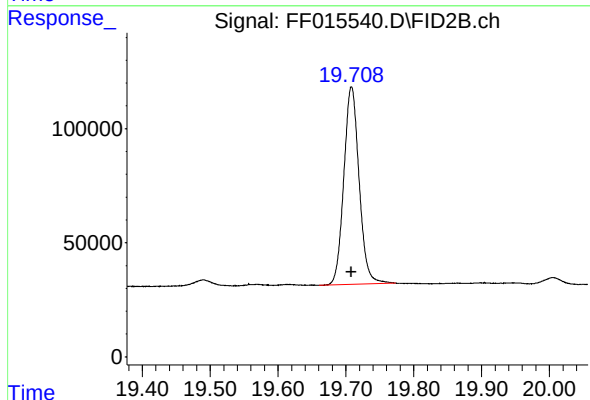
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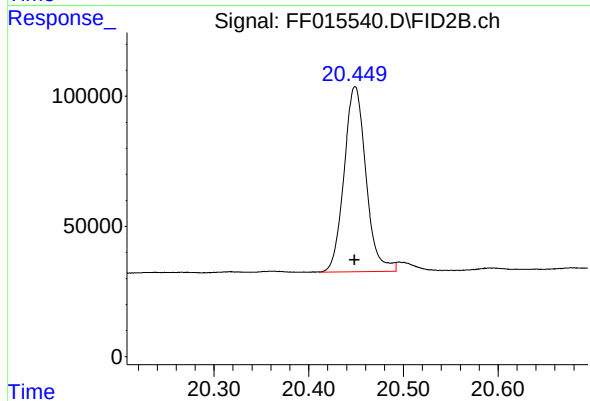
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.000 min
Response: 1559033
Conc: 11.21 ug/ml



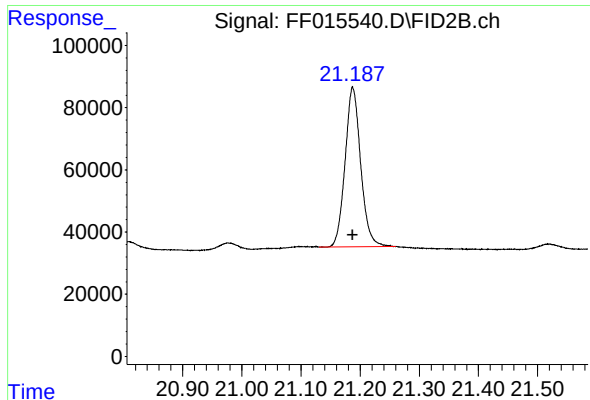
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.000 min
Response: 1352505
Conc: 10.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: 0.000 min
Response: 1142118
Conc: 10.84 ug/ml m



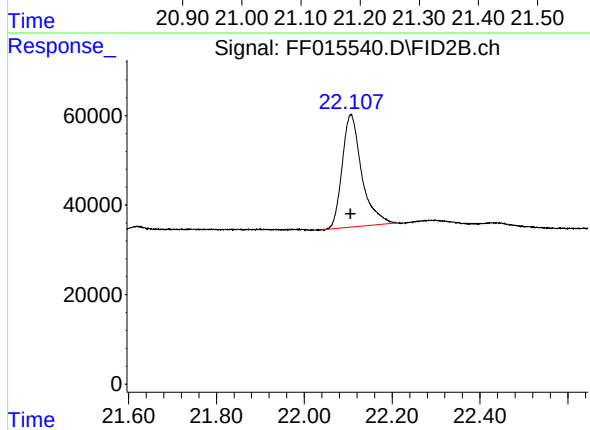
#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 941692
Conc: 10.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.000 min
Response: 772849
Conc: 9.71 ug/ml