

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062824AL\
 Data File : FE048916.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2024 13:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:46:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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	3146357	18.817 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.369	2379569	18.505 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.321	2999567	19.952 ug/ml
2) T n-Decane (C10)	4.569	3064215	19.912 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3125637	19.689 ug/ml
4) T n-Dodecane (C12)	6.735	3047672	19.742 ug/ml
5) T A~2-methylnaphthalene...	7.372	2972179	19.626 ug/ml
6) T n-Tetradecane (C14)	8.563	2999176	19.569 ug/ml
7) T n-Hexadecane (C16)	10.171	3056396	19.547 ug/ml
8) T n-Octadecane (C18)	11.614	3065045	19.218 ug/ml
10) T n-Eicosane (C20)	12.922	2923485	18.857 ug/ml
11) T n-Heneicosane (C21)	13.535	2854158	18.745 ug/ml
13) T n-Docosane (C22)	14.121	2826415	18.689 ug/ml
14) T n-Tetracosane (C24)	15.223	2801443	18.642 ug/ml
15) T n-Hexacosane (C26)	16.244	2773506	18.787 ug/ml
16) T n-Octacosane (C28)	17.192	2784148	19.305 ug/ml
17) T n-Tricontane (C30)	18.079	2955774	20.204 ug/ml
18) T n-Dotriacontane (C32)	18.911	2977240	20.823 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2885097	20.850 ug/mlm
20) T n-Hexatriacontane (C36)	20.435	2783399	21.416 ug/ml
21) T n-Octatriacontane (C38)	21.170	2918167	22.763 ug/ml
22) T n-Tetracontane (C40)	22.084	2964344	24.207 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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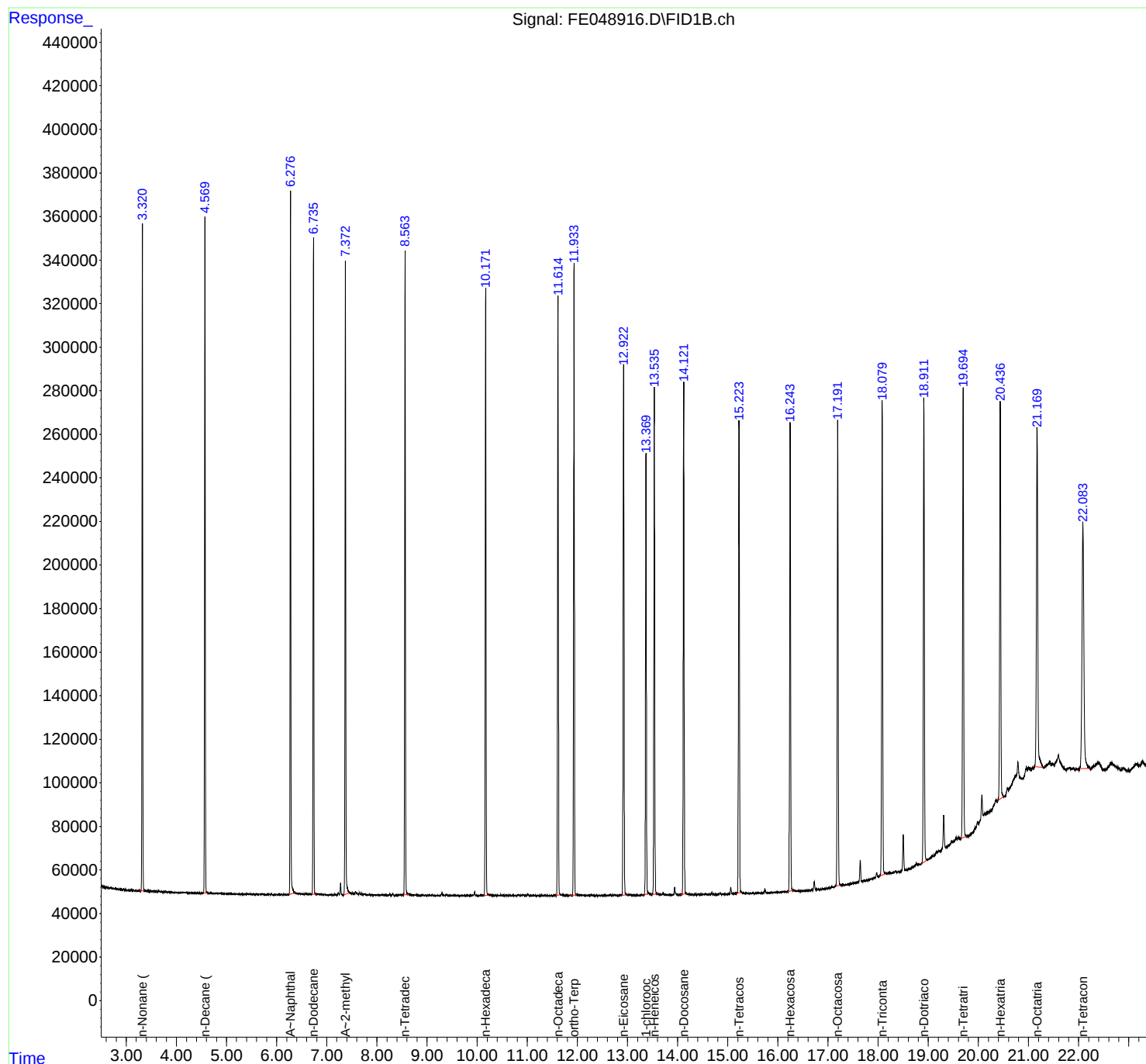
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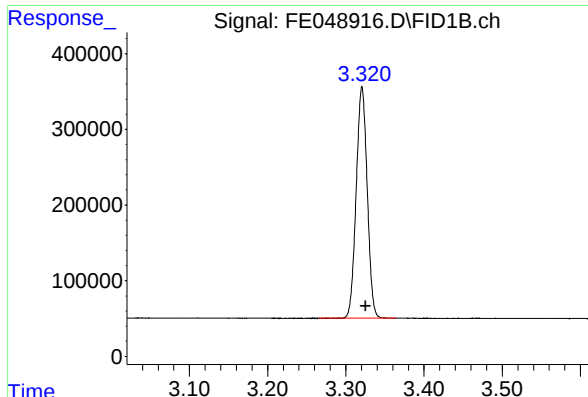
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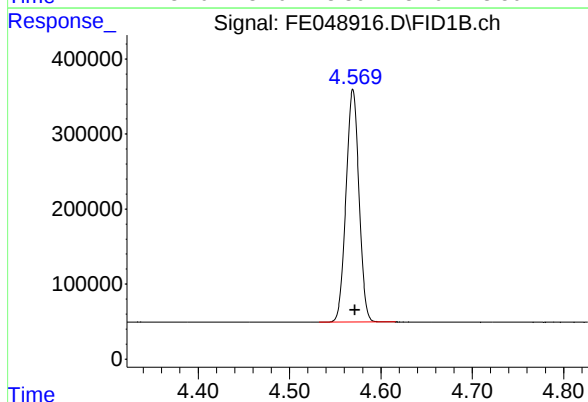
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.004 min
Response: 2999567
Conc: 19.95 ug/ml

Instrument : FID_E
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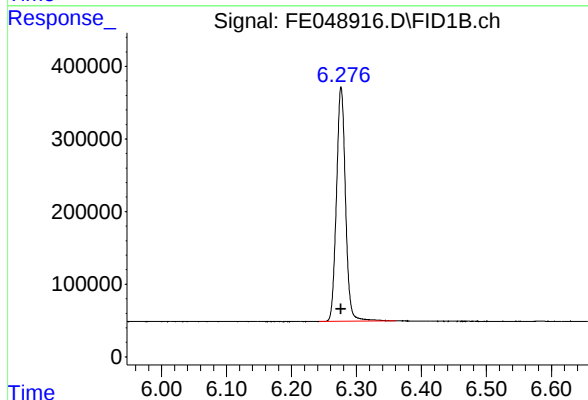
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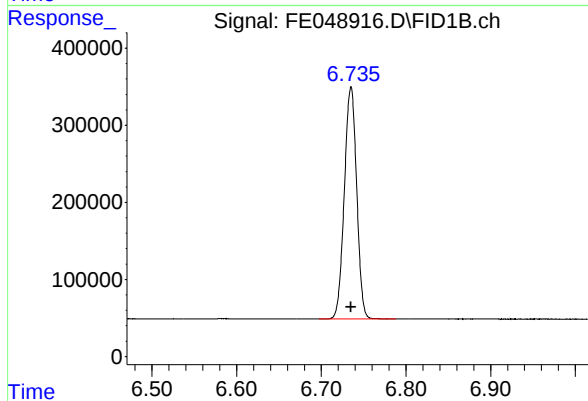
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 3064215
Conc: 19.91 ug/ml



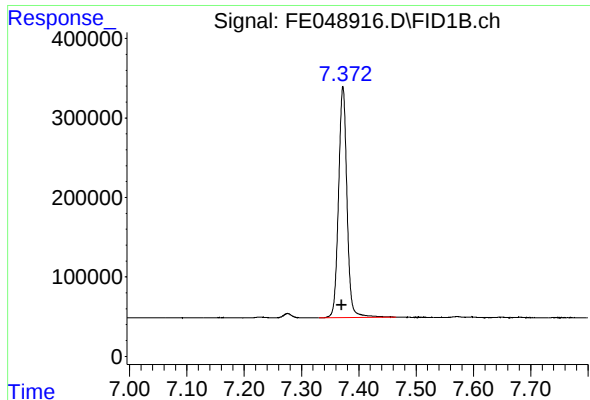
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 3125637
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3047672
Conc: 19.74 ug/ml



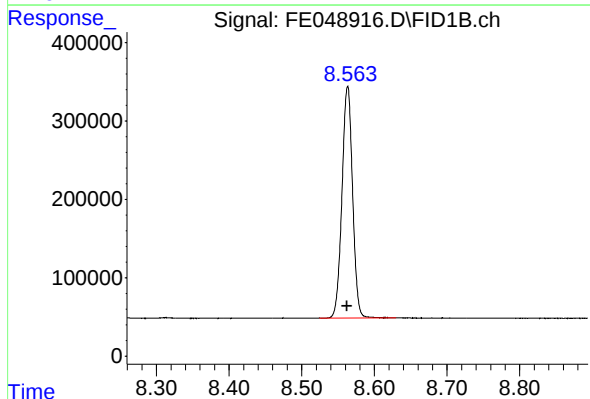
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.002 min
Response: 2972179
Conc: 19.63 ug/ml

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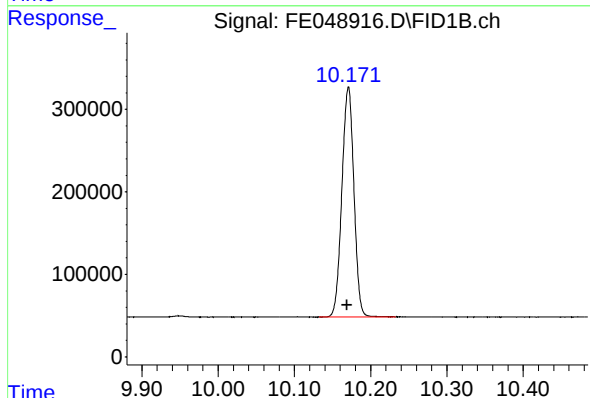
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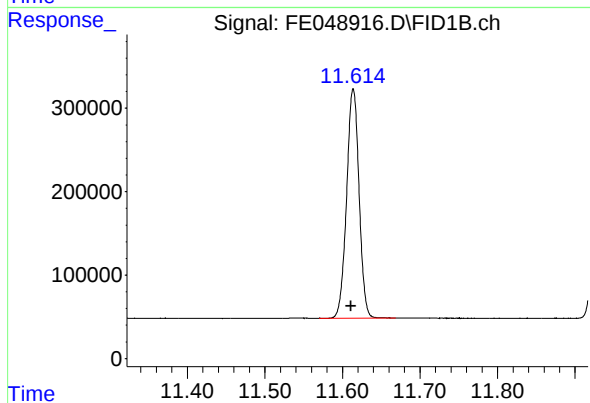
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 2999176
Conc: 19.57 ug/ml



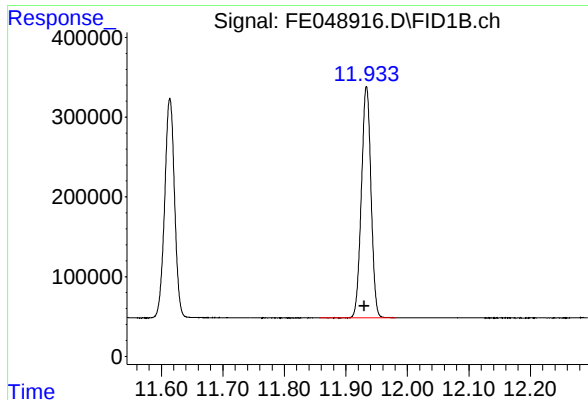
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.002 min
Response: 3056396
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 3065045
Conc: 19.22 ug/ml



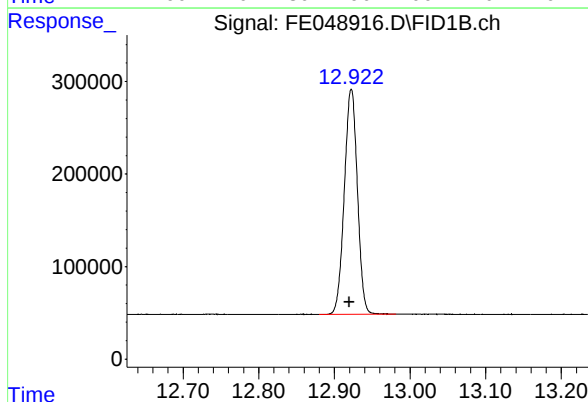
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.004 min
Response: 3146357
Conc: 18.82 ug/ml

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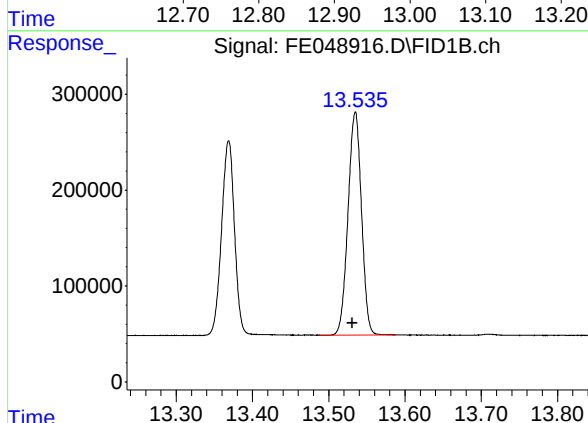
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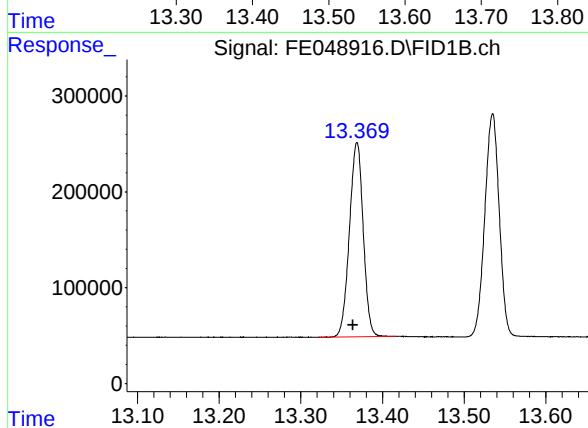
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.003 min
Response: 2923485
Conc: 18.86 ug/ml



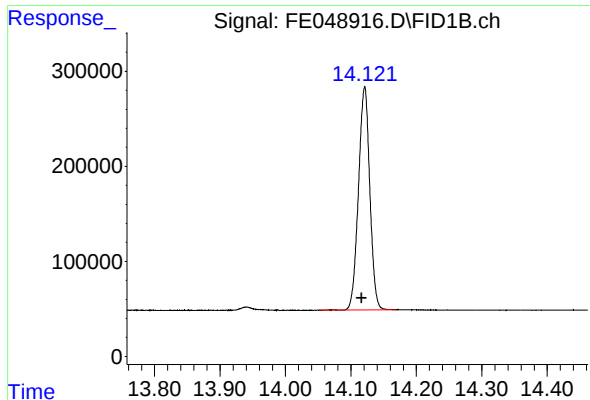
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.004 min
Response: 2854158
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: 0.005 min
Response: 2379569
Conc: 18.51 ug/ml



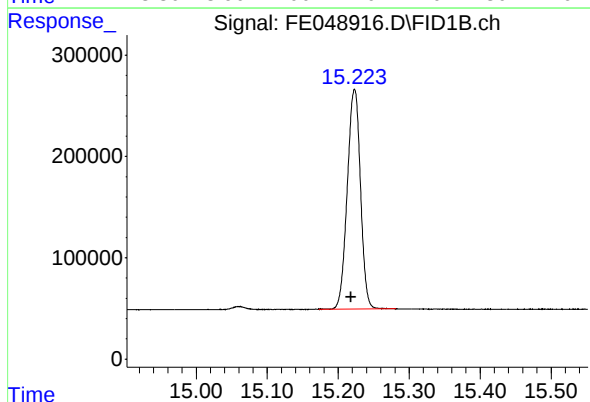
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.005 min
Response: 2826415
Conc: 18.69 ug/ml

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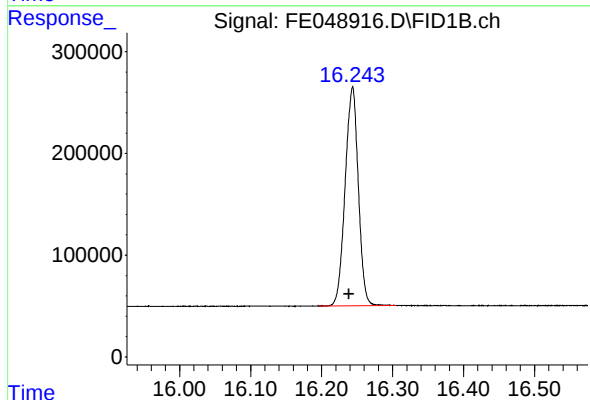
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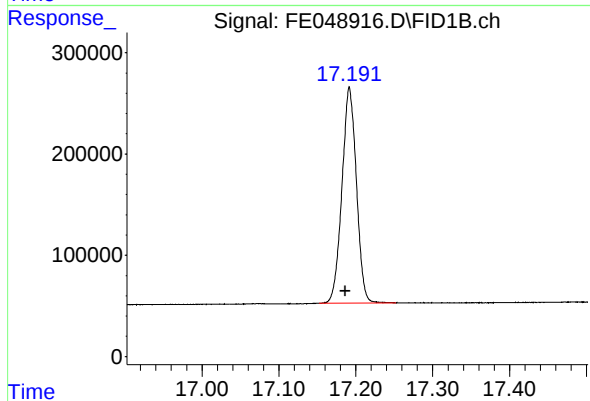
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.005 min
Response: 2801443
Conc: 18.64 ug/ml



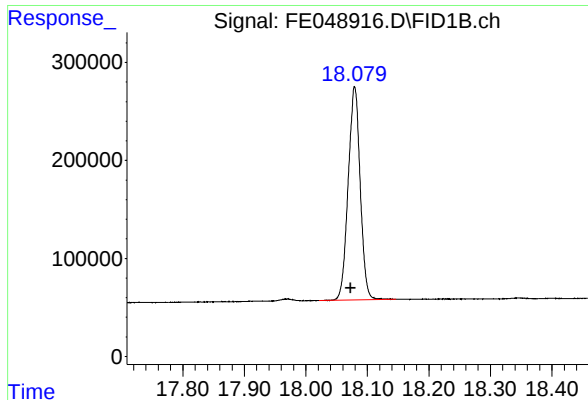
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.006 min
Response: 2773506
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.005 min
Response: 2784148
Conc: 19.31 ug/ml



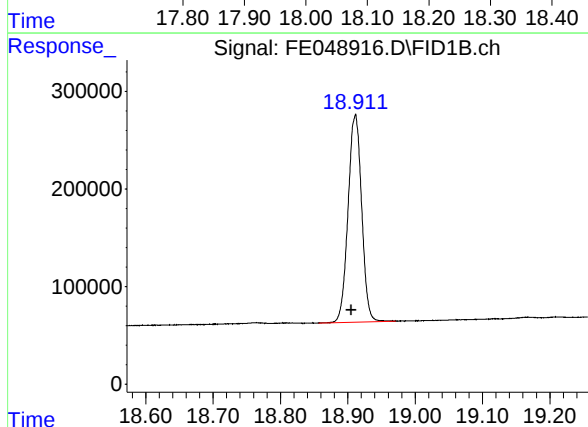
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: 0.006 min
Response: 2955774
Conc: 20.20 ug/ml

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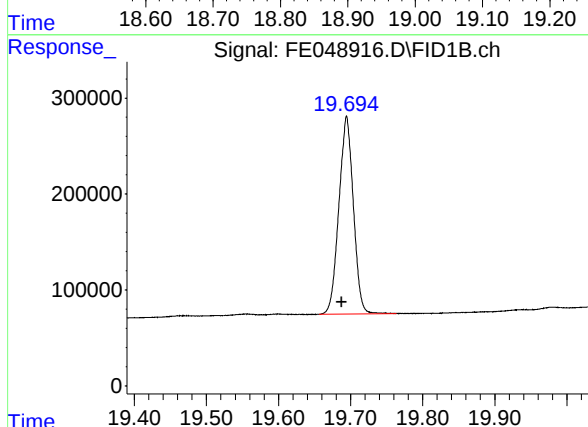
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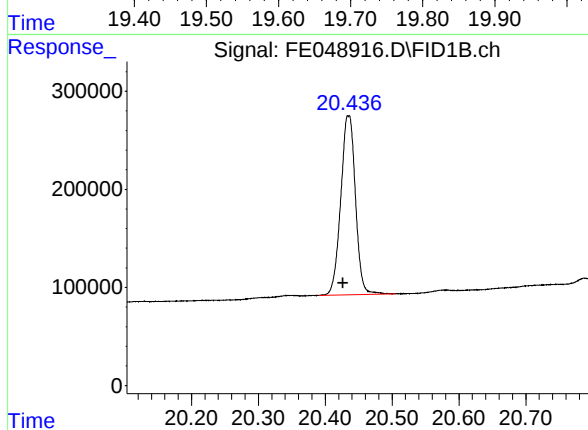
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.006 min
Response: 2977240
Conc: 20.82 ug/ml



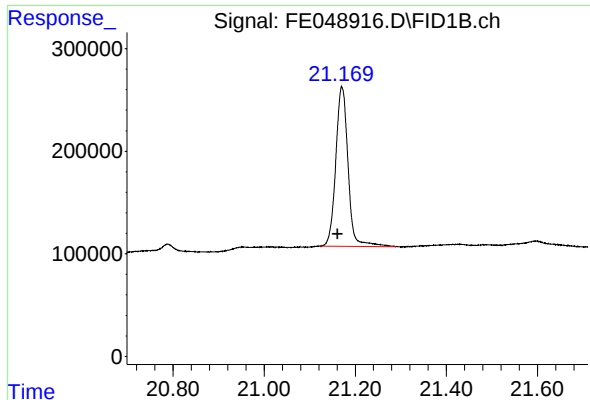
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.006 min
Response: 2885097
Conc: 20.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.008 min
Response: 2783399
Conc: 21.42 ug/ml



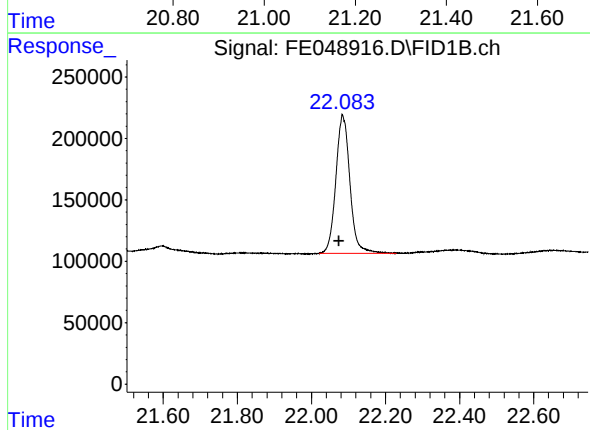
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.009 min
Response: 2918167
Conc: 22.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.010 min
Response: 2964344
Conc: 24.21 ug/ml