

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036268.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 18:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:11:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.878	3460106	17.318 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
12) S 1-chlorooctadecane (S...	13.317	2689028	17.369 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
Target Compounds			
1) T n-Nonane (C9)	3.266	3153263	17.532 ug/ml
2) T n-Decane (C10)	4.521	3229177	17.964 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3593912	17.913 ug/ml
4) T n-Dodecane (C12)	6.690	3316023	17.903 ug/ml
5) T A~2-methylnaphthalene...	7.320	3629498	17.829 ug/ml
6) T n-Tetradecane (C14)	8.516	3337097	17.850 ug/ml
7) T n-Hexadecane (C16)	10.122	3319405	17.725 ug/ml
8) T n-Octadecane (C18)	11.565	3277587	17.617 ug/ml
10) T n-Eicosane (C20)	12.873	3174158	17.521 ug/ml
11) T n-Heneicosane (C21)	13.484	3127472	17.411 ug/ml
13) T n-Docosane (C22)	14.070	3127322	17.689 ug/ml
14) T n-Tetracosane (C24)	15.173	3163541	18.470 ug/ml
15) T n-Hexacosane (C26)	16.195	3181403	19.255 ug/ml
16) T n-Octacosane (C28)	17.143	3214462	20.081 ug/ml
17) T n-Tricontane (C30)	18.032	3256881	21.036 ug/ml
18) T n-Dotriacontane (C32)	18.865	3249528	22.236 ug/ml
19) T n-Tetratriacontane (C34)	19.649	3039276	21.963 ug/ml
20) T n-Hexatriacontane (C36)	20.389	3096826	23.068 ug/mlm
21) T n-Octatriacontane (C38)	21.122	2829332	21.275 ug/mlm
22) T n-Tetracontane (C40)	22.018	3475026	24.852 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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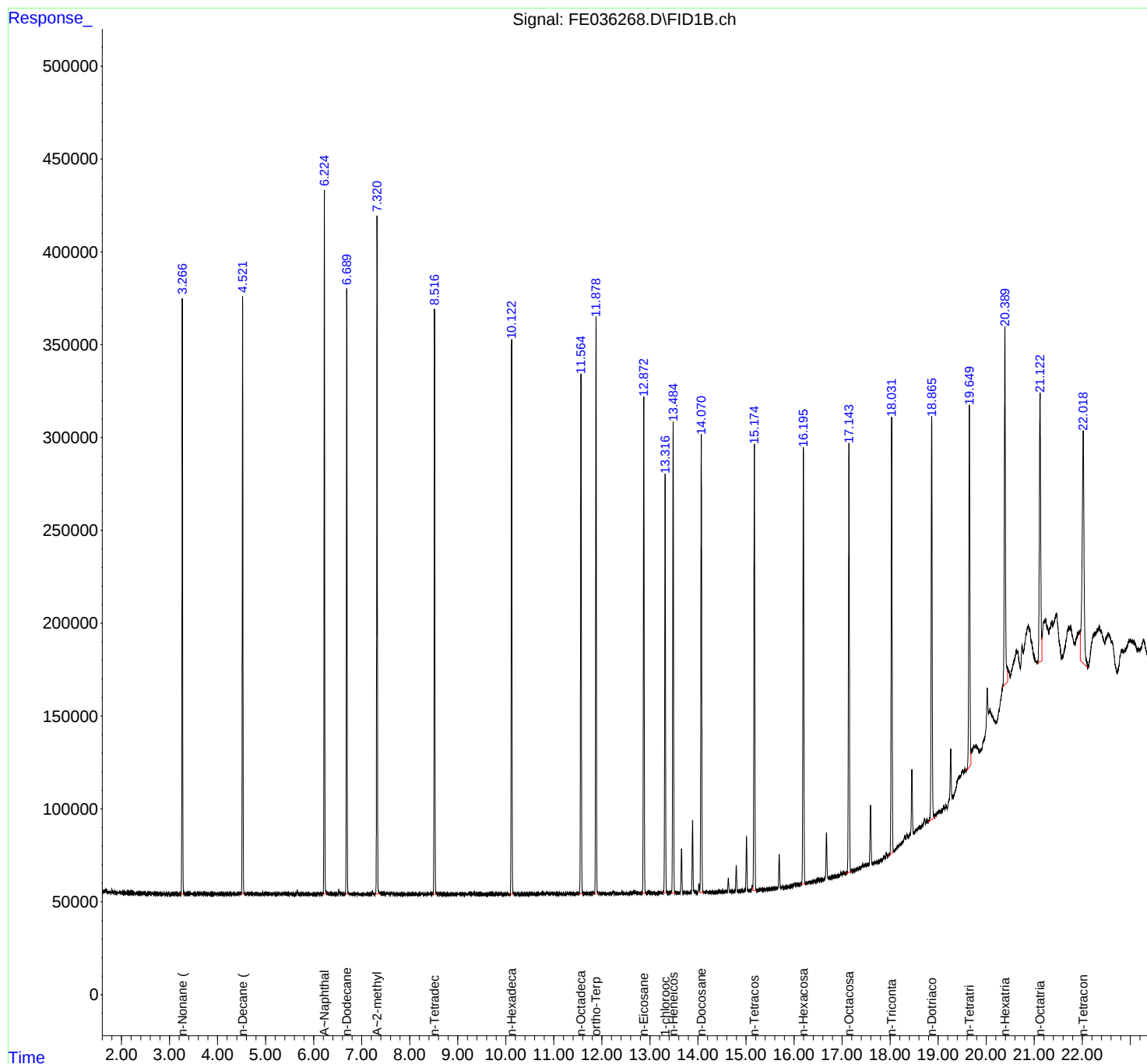
Instrument :
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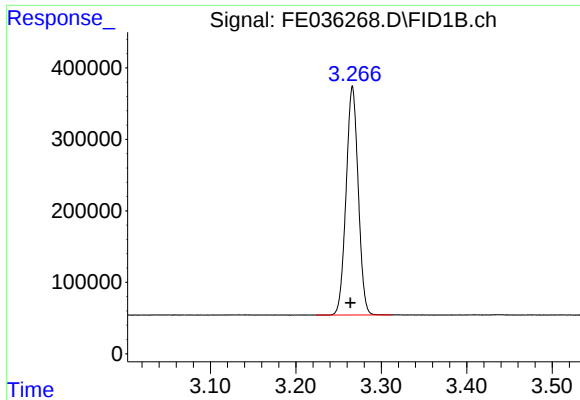
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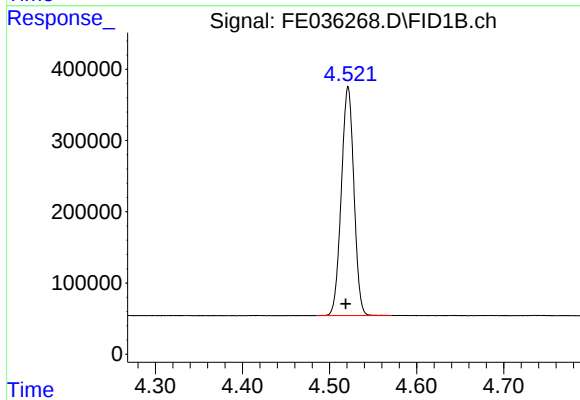
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 3153263
Conc: 17.53 ug/ml

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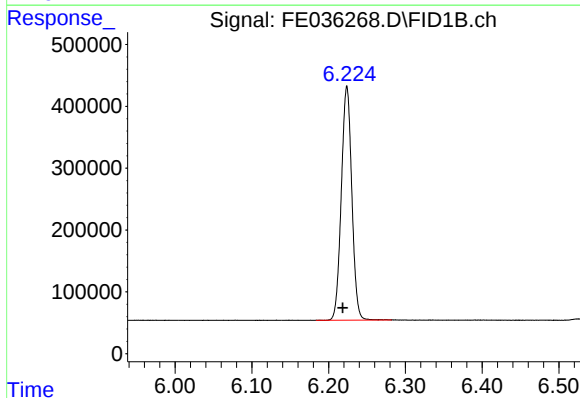
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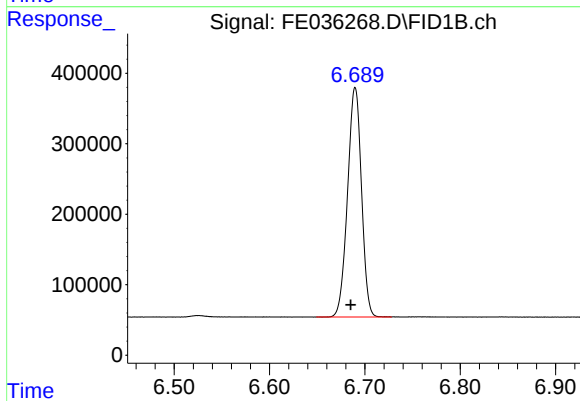
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 3229177
Conc: 17.96 ug/ml



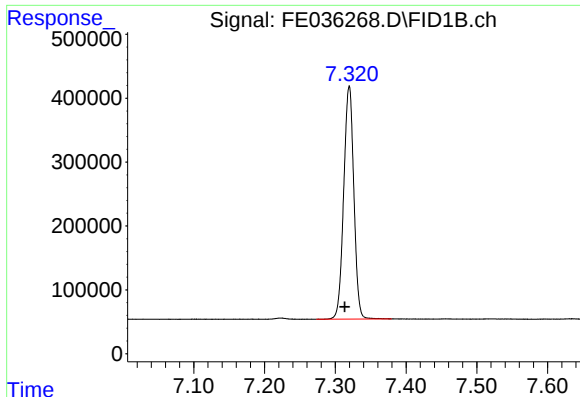
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.006 min
Response: 3593912
Conc: 17.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.005 min
Response: 3316023
Conc: 17.90 ug/ml



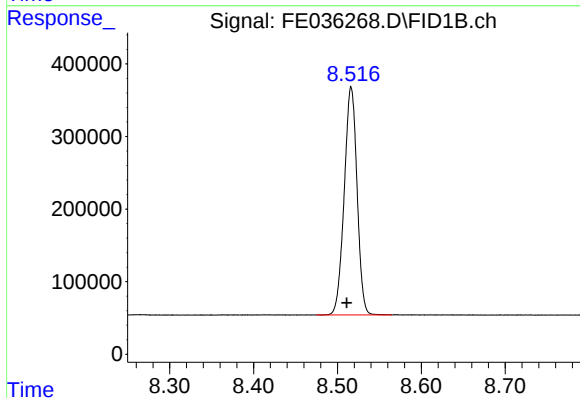
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.007 min
Response: 3629498
Conc: 17.83 ug/ml

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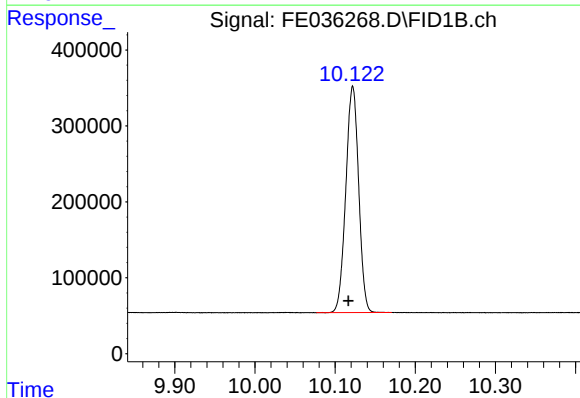
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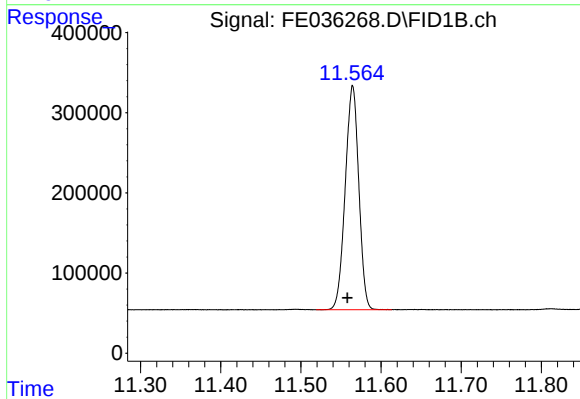
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 3337097
Conc: 17.85 ug/ml



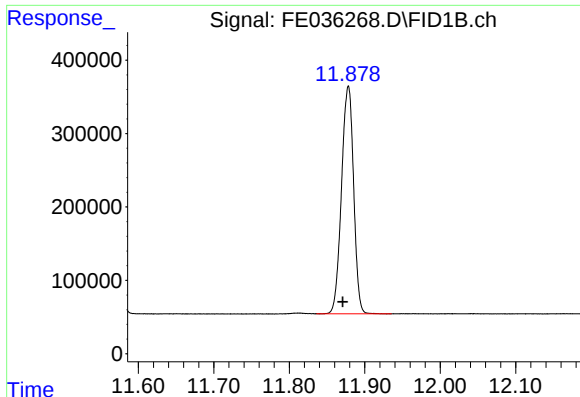
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.006 min
Response: 3319405
Conc: 17.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: 0.006 min
Response: 3277587
Conc: 17.62 ug/ml



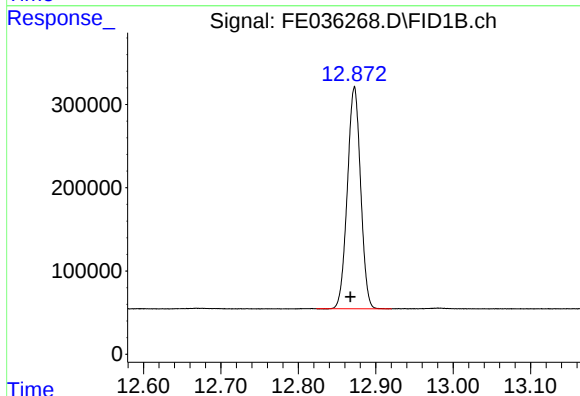
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.007 min
Response: 3460106
Conc: 17.32 ug/ml

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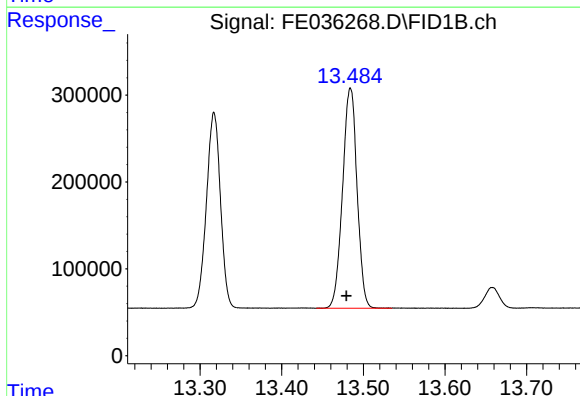
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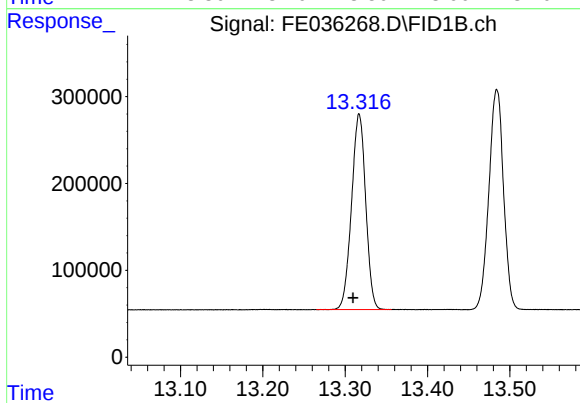
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: 0.005 min
Response: 3174158
Conc: 17.52 ug/ml



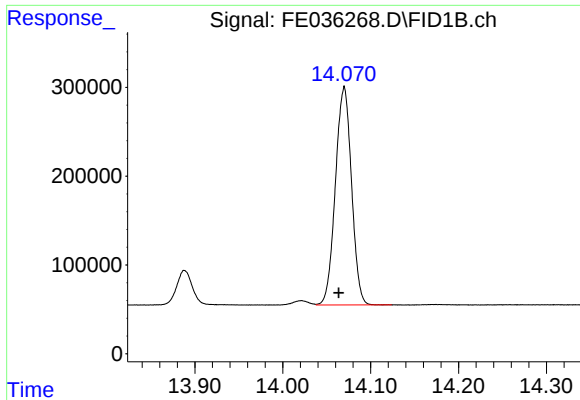
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.005 min
Response: 3127472
Conc: 17.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: 0.007 min
Response: 2689028
Conc: 17.37 ug/ml



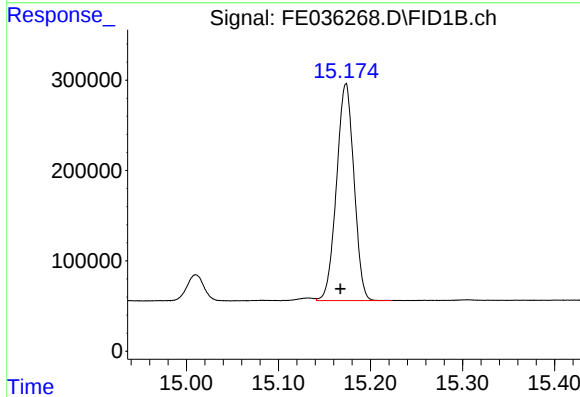
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.006 min
Response: 3127322
Conc: 17.69 ug/ml

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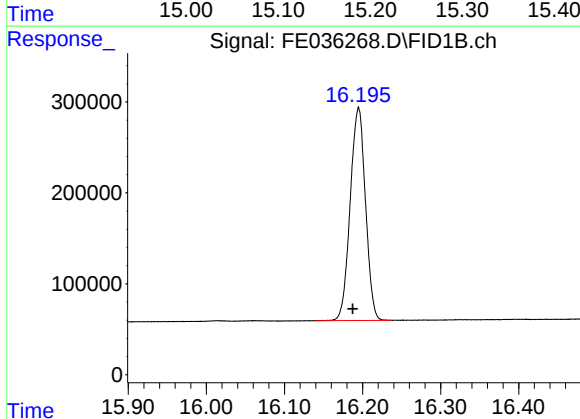
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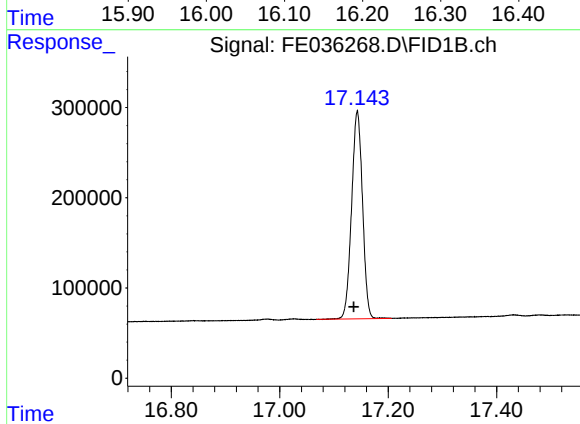
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.006 min
Response: 3163541
Conc: 18.47 ug/ml



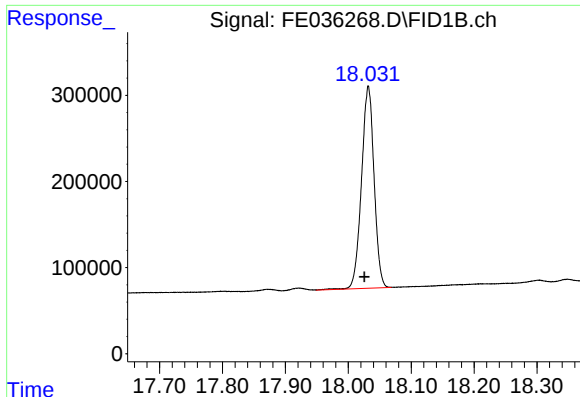
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.008 min
Response: 3181403
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.006 min
Response: 3214462
Conc: 20.08 ug/ml



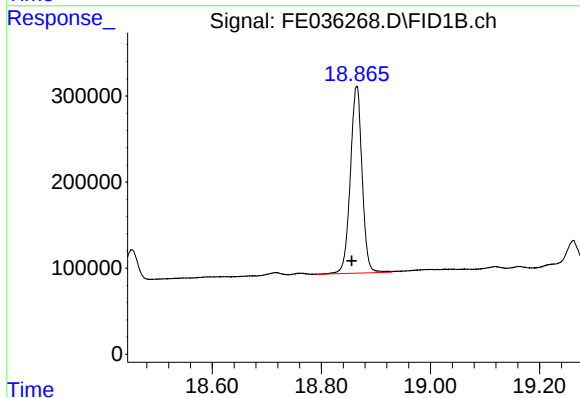
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.006 min
Response: 3256881
Conc: 21.04 ug/ml

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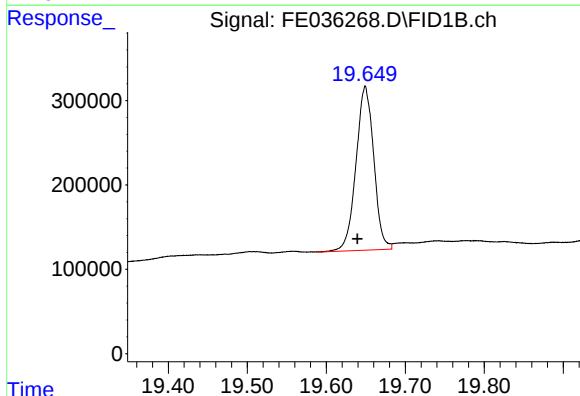
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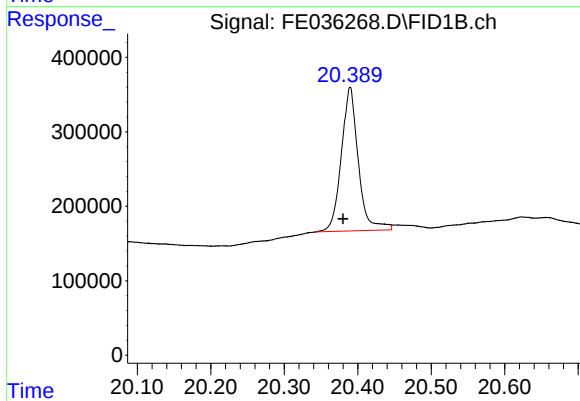
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.009 min
Response: 3249528
Conc: 22.24 ug/ml



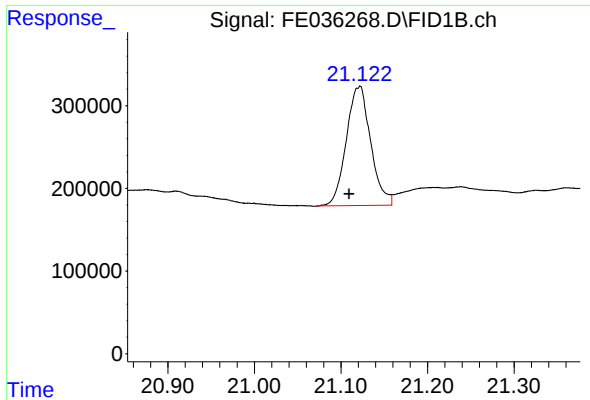
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.010 min
Response: 3039276
Conc: 21.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.009 min
Response: 3096826
Conc: 23.07 ug/ml m



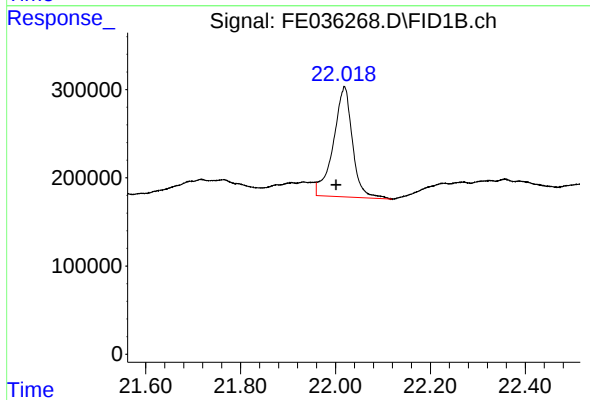
#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.012 min
Response: 2829332
Conc: 21.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.017 min
Response: 3475026
Conc: 24.85 ug/ml m