

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081524AL\
 Data File : FE049627.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2024 20:18
 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 08/16/2024
 Supervised By :Ankita Jodhani 08/16/2024

Integration File: autoint1.e
 Quant Time: Aug 16 01:39:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.893	2985766	18.464 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	13.328	2273863	18.637 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T n-Nonane (C9)	3.279	2705327	17.481 ug/ml
2) T n-Decane (C10)	4.530	2854193	18.077 ug/ml
3) T A~Naphthalene (C11.7)	6.238	2926704	18.240 ug/ml
4) T n-Dodecane (C12)	6.698	2876876	18.300 ug/ml
5) T A~2-methylnaphthalene...	7.334	2790789	18.636 ug/ml
6) T n-Tetradecane (C14)	8.525	2834850	18.363 ug/ml
7) T n-Hexadecane (C16)	10.132	2885770	18.477 ug/ml
8) T n-Octadecane (C18)	11.574	2896148	18.441 ug/ml
10) T n-Eicosane (C20)	12.883	2772536	18.569 ug/ml
11) T n-Heneicosane (C21)	13.494	2722973	18.562 ug/ml
13) T n-Docosane (C22)	14.079	2702513	18.542 ug/ml
14) T n-Tetracosane (C24)	15.182	2706397	18.605 ug/ml
15) T n-Hexacosane (C26)	16.201	2681526	18.580 ug/ml
16) T n-Octacosane (C28)	17.151	2708449	18.804 ug/mlm
17) T n-Tricontane (C30)	18.038	2985965	19.946 ug/ml
18) T n-Dotriacontane (C32)	18.870	3046861	20.140 ug/ml
19) T n-Tetratriacontane (C34)	19.652	3098296	20.266 ug/ml
20) T n-Hexatriacontane (C36)	20.392	3056517	20.128 ug/ml
21) T n-Octatriacontane (C38)	21.120	3047886	19.419 ug/mlm
22) T n-Tetracontane (C40)	22.019	2830939	18.542 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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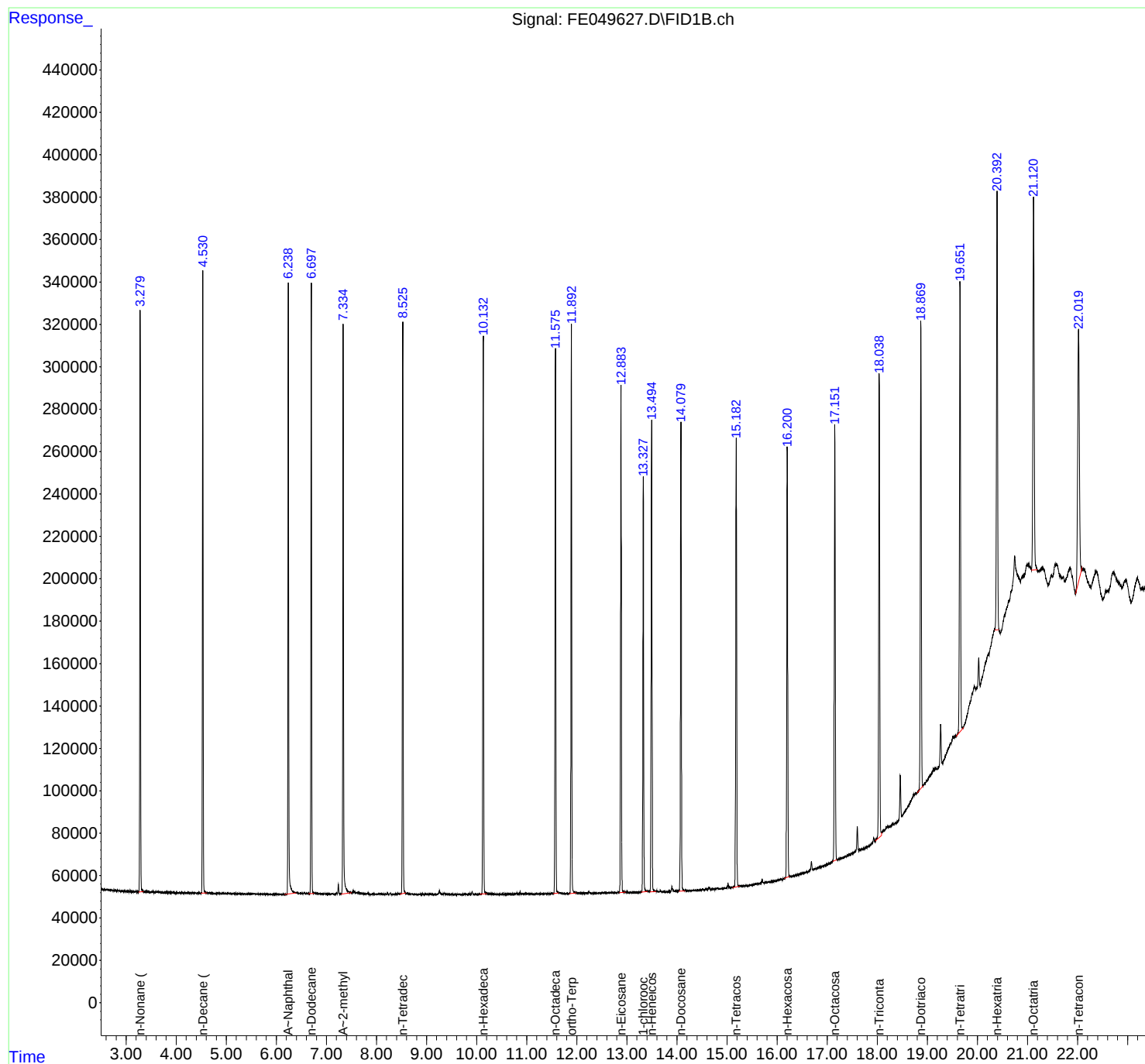
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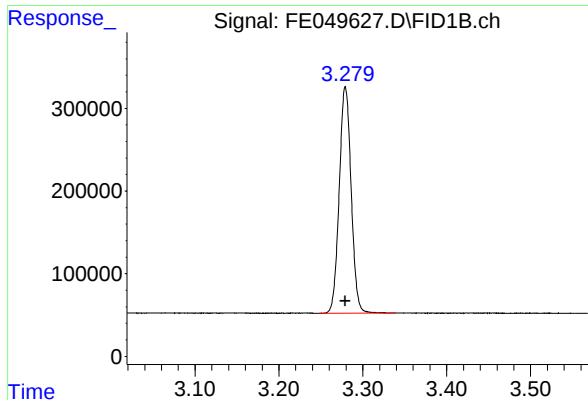
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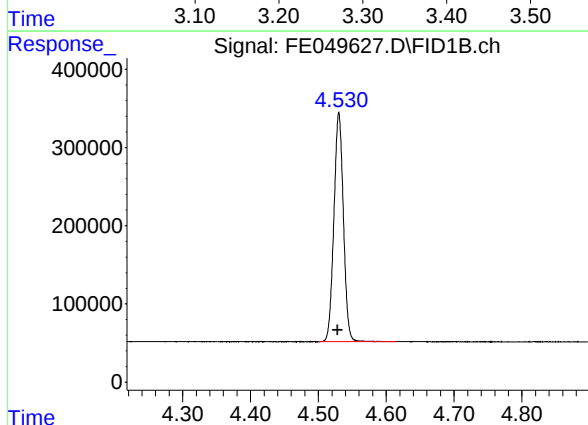
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 2705327
Conc: 17.48 ug/ml

Instrument : FID_E
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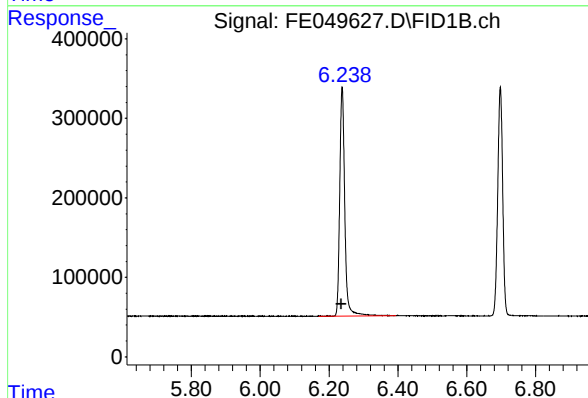
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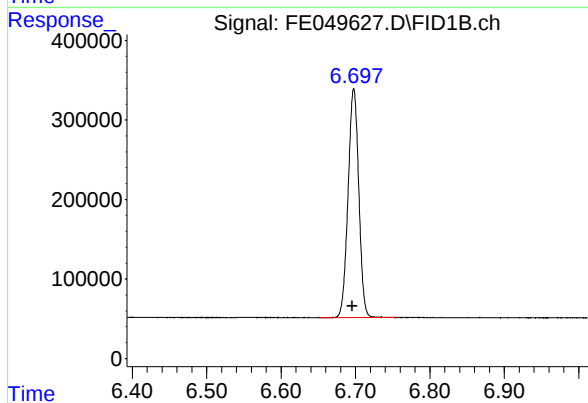
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 2854193
Conc: 18.08 ug/ml



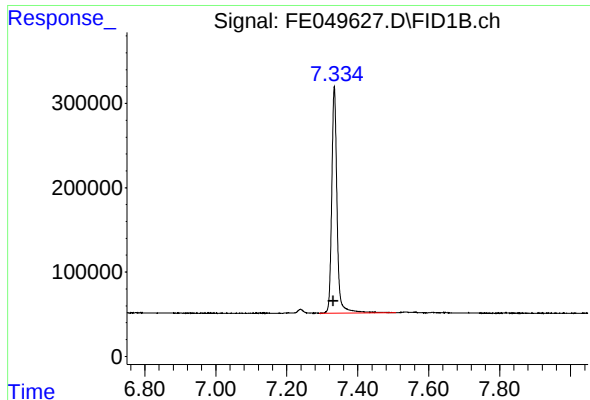
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 2926704
Conc: 18.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 2876876
Conc: 18.30 ug/ml



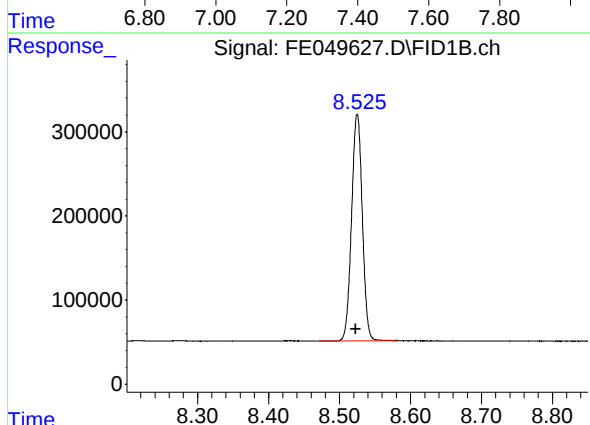
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 2790789
Conc: 18.64 ug/ml

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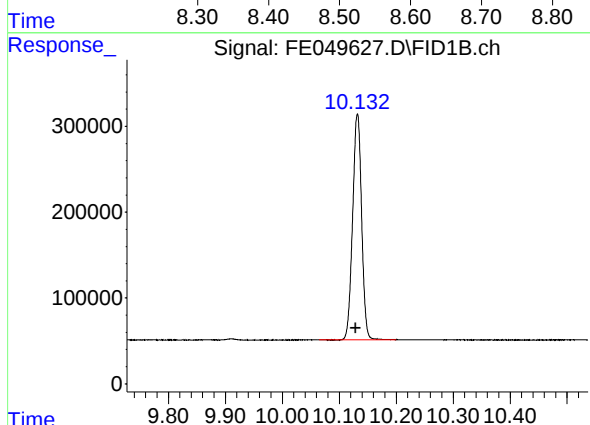
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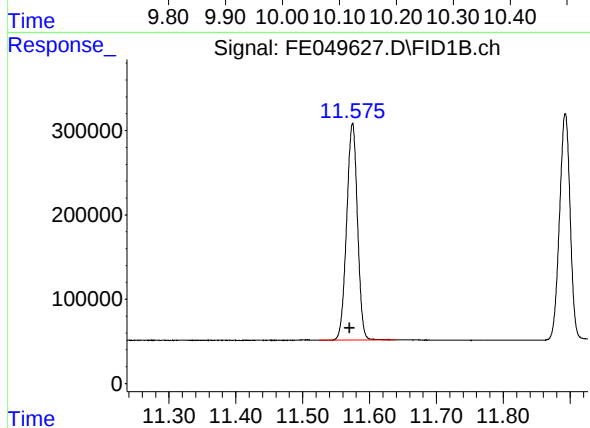
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.002 min
Response: 2834850
Conc: 18.36 ug/ml



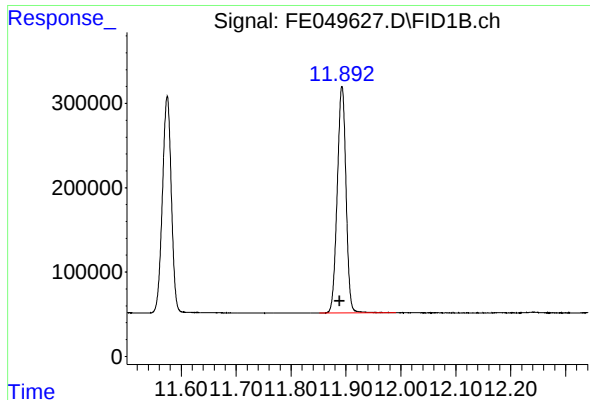
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.003 min
Response: 2885770
Conc: 18.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: 0.004 min
Response: 2896148
Conc: 18.44 ug/ml



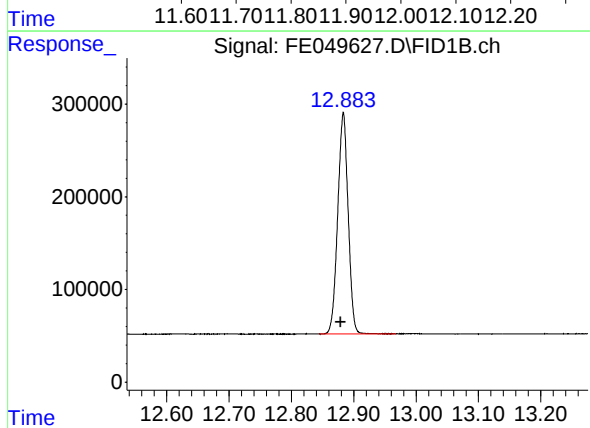
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: 0.004 min
Response: 2985766
Conc: 18.46 ug/ml

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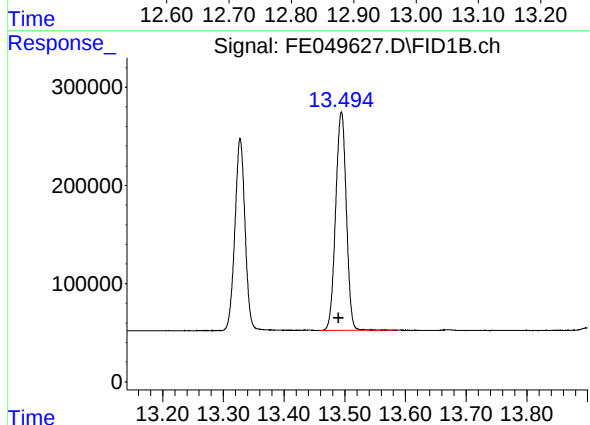
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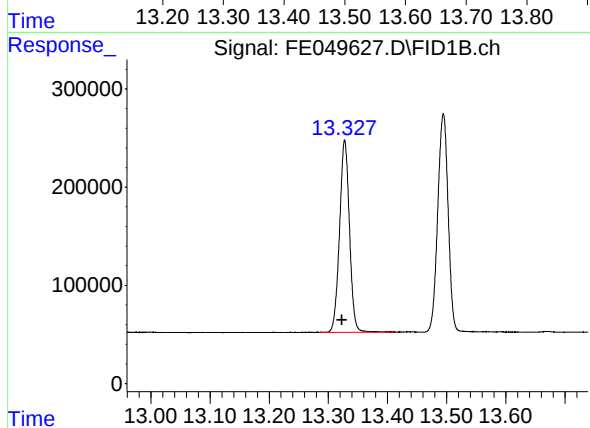
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.005 min
Response: 2772536
Conc: 18.57 ug/ml



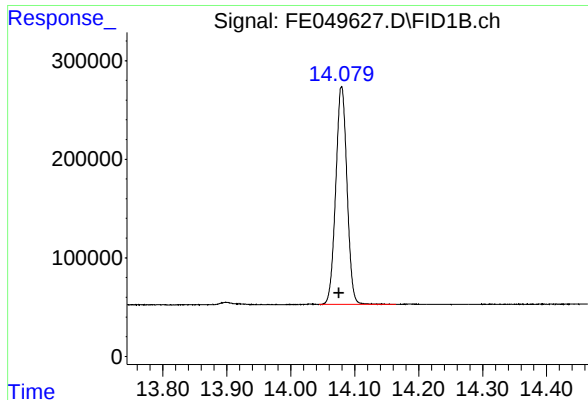
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: 0.004 min
Response: 2722973
Conc: 18.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: 0.004 min
Response: 2273863
Conc: 18.64 ug/ml



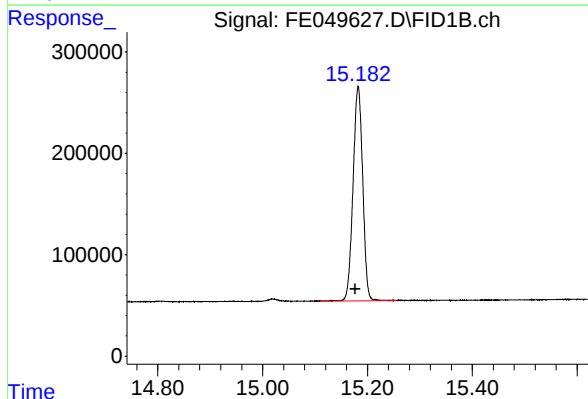
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.004 min
Response: 2702513
Conc: 18.54 ug/ml

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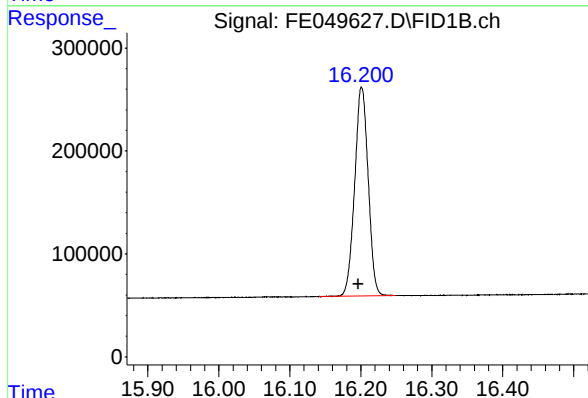
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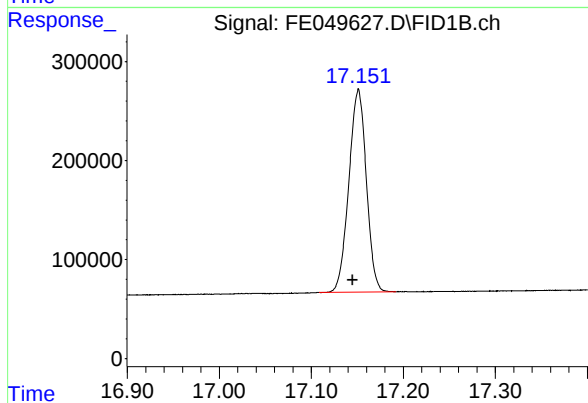
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: 0.005 min
Response: 2706397
Conc: 18.61 ug/ml



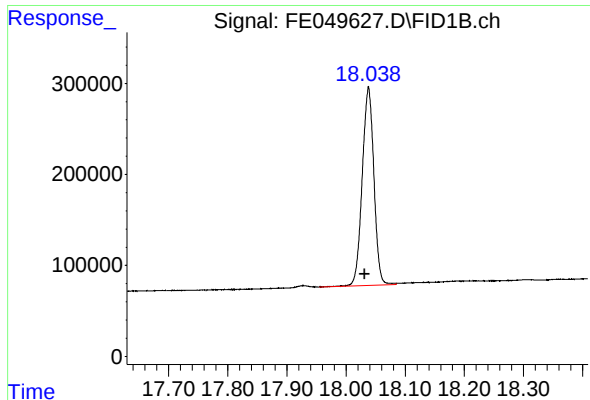
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 2681526
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: 0.006 min
Response: 2708449
Conc: 18.80 ug/ml m



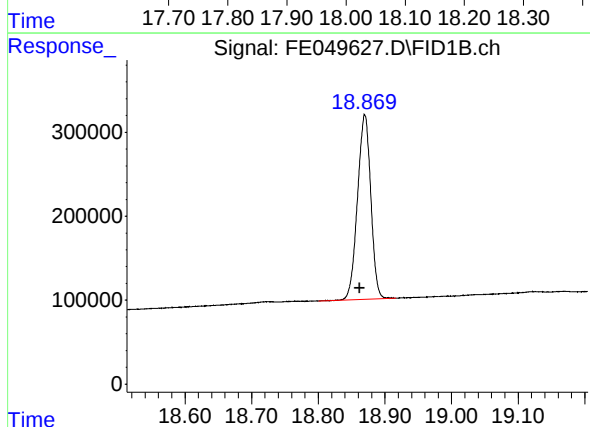
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.007 min
Response: 2985965
Conc: 19.95 ug/ml

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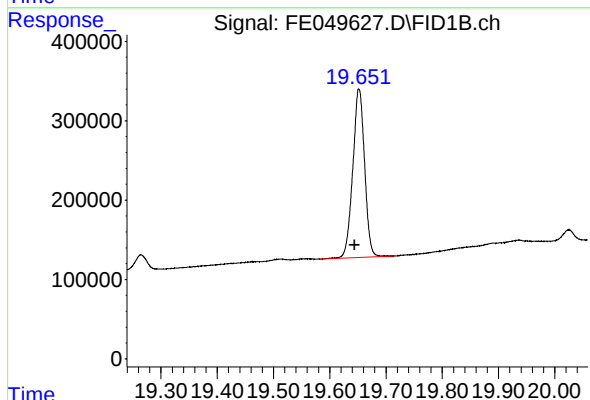
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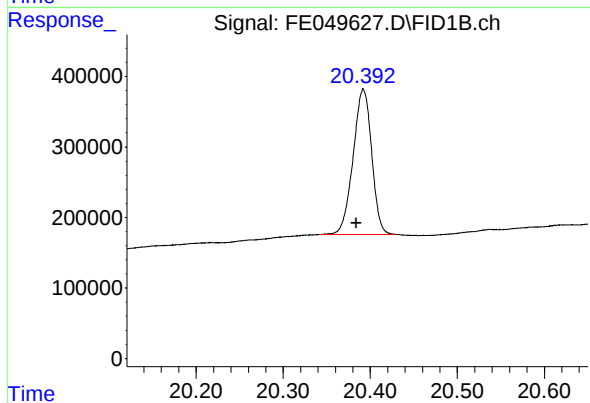
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.007 min
Response: 3046861
Conc: 20.14 ug/ml



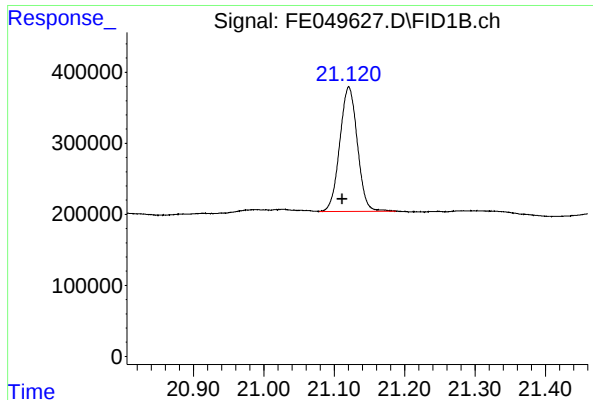
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.008 min
Response: 3098296
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.008 min
Response: 3056517
Conc: 20.13 ug/ml



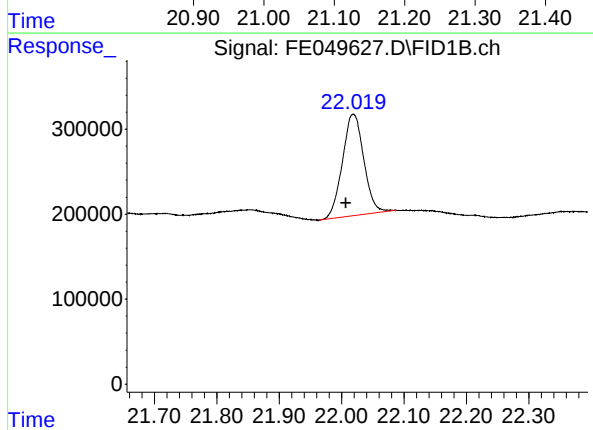
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.009 min
Response: 3047886
Conc: 19.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.012 min
Response: 2830939
Conc: 18.54 ug/ml m