

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049558.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 12:28
 Operator : YP\AJ
 Sample : P3526-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-1-COMPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :Ankita Jodhani 08/14/2024

Integration File: autoint1.e

Quant Time: Aug 13 01:42:30 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.889	3175532	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
12) S 1-chlorooctadecane (S...	13.324	2440598	20.889 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
Target Compounds			
1) T n-Nonane (C9)	3.278	3326843	22.122 ug/ml
2) T n-Decane (C10)	4.567	3737844	24.201 ug/ml
3) T A~Naphthalene (C11.7)	6.235	4151497	26.646 ug/ml
4) T n-Dodecane (C12)	6.697	4310345	27.993 ug/ml
5) T A~2-methylnaphthalene...	7.332	4346858	29.869 ug/ml
6) T n-Tetradecane (C14)	8.525	5002759	32.962 ug/ml
7) T n-Hexadecane (C16)	10.130	5265338	34.719 ug/ml
8) T n-Octadecane (C18)	11.572	5396500	35.543 ug/ml
10) T n-Eicosane (C20)	12.881	5434220	37.579 ug/ml
11) T n-Heneicosane (C21)	13.492	5266069	37.135 ug/ml
13) T n-Docosane (C22)	14.078	5238167	37.284 ug/ml
14) T n-Tetracosane (C24)	15.173	9879632	70.492 ug/ml
15) T n-Hexacosane (C26)	16.201	5173850	36.898 ug/ml
16) T n-Octacosane (C28)	17.149	5360119	38.296 ug/ml
17) T n-Tricontane (C30)	18.036	5293865	36.291 ug/ml
18) T n-Dotriacontane (C32)	18.867	5206916	35.412 ug/ml
19) T n-Tetratriacontane (C34)	19.650	5566167	38.106 ug/ml
20) T n-Hexatriacontane (C36)	20.390	5612220	38.931 ug/ml
21) T n-Octatriacontane (C38)	21.118	5848251	39.069 ug/ml
22) T n-Tetracontane (C40)	22.016	5558570	36.835 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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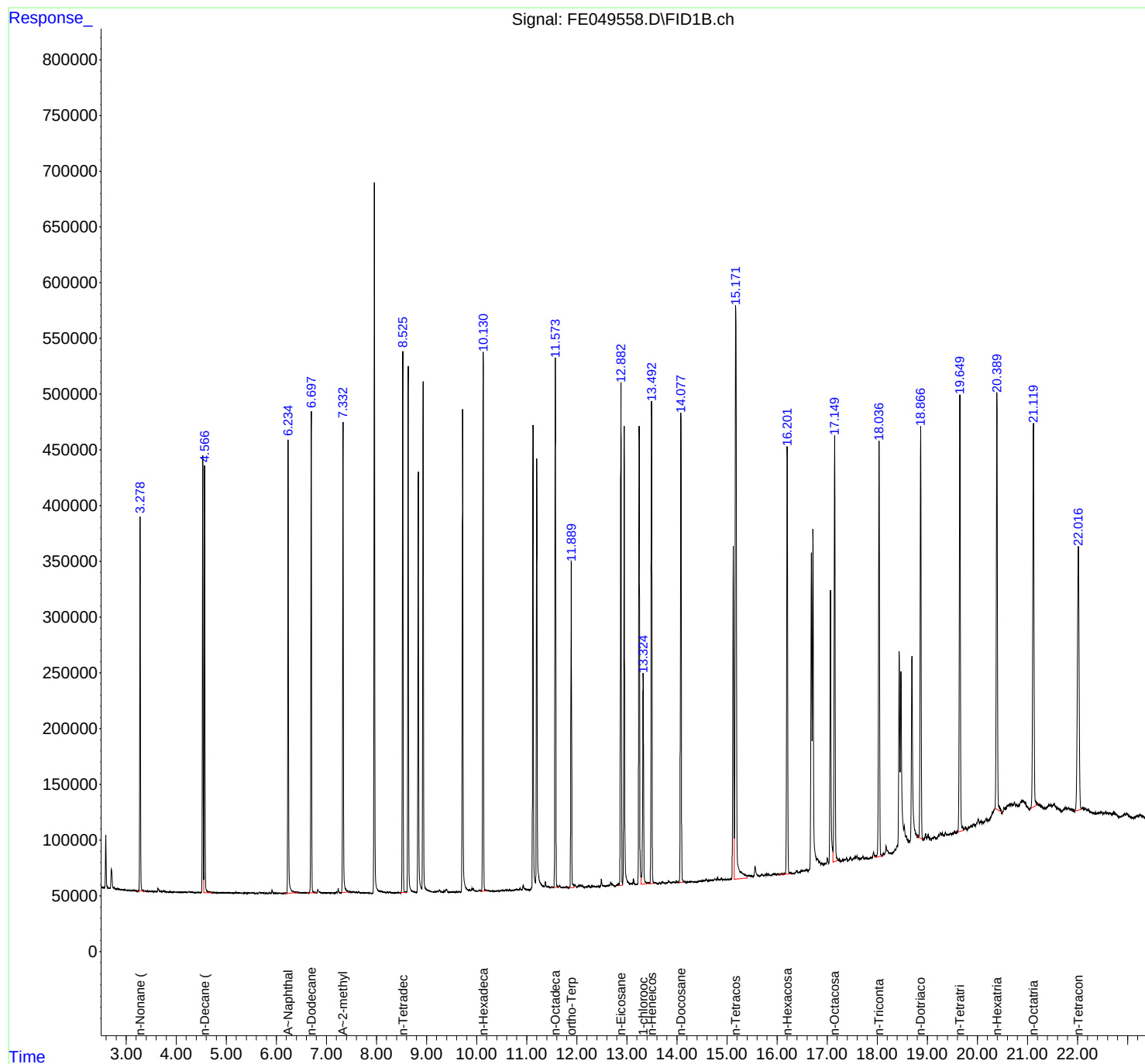
Response via : Initial Calibration

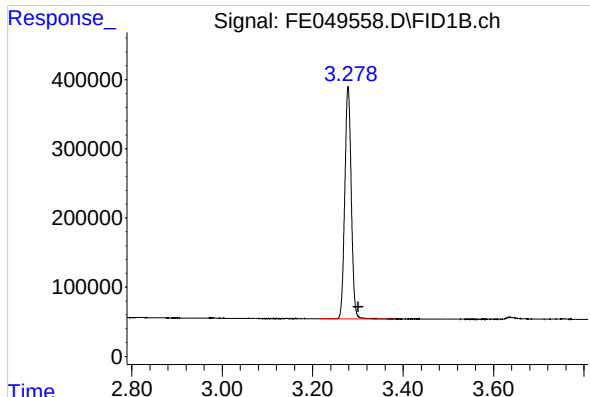
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





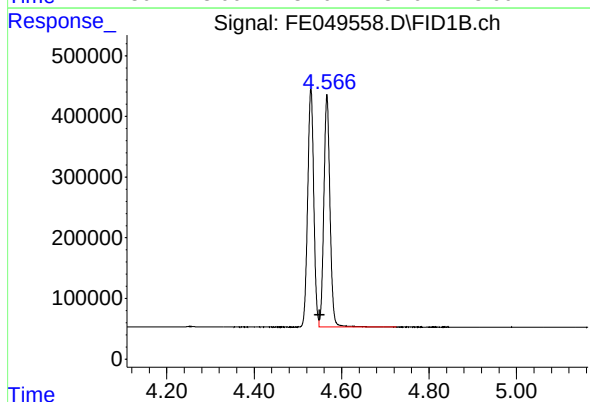
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.023 min
Response: 3326843
Conc: 22.12 ug/ml

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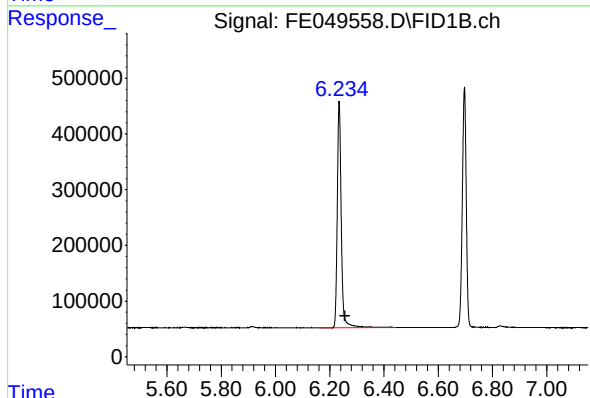
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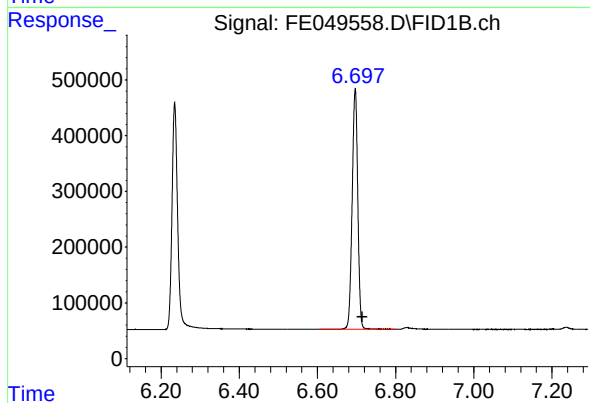
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.017 min
Response: 3737844
Conc: 24.20 ug/ml



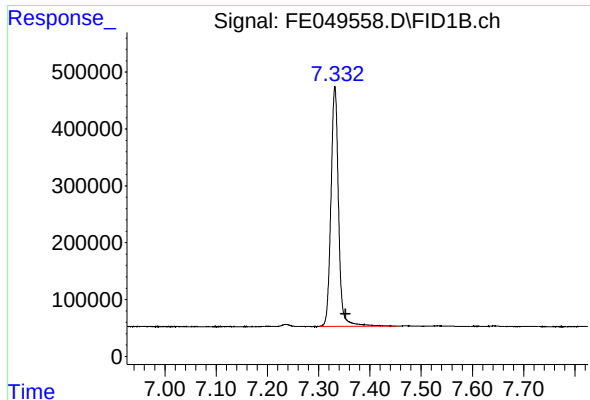
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.022 min
Response: 4151497
Conc: 26.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: -0.018 min
Response: 4310345
Conc: 27.99 ug/ml



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

R.T.: 7.332 min
Delta R.T.: -0.021 min
Response: 4346858
Conc: 29.87 ug/ml

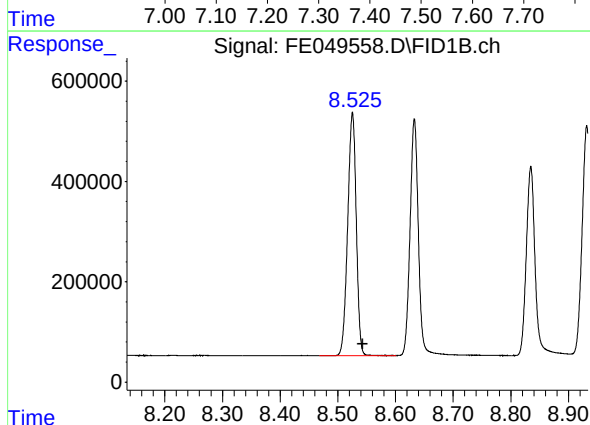
Instrument :

FID_E

ClientSampleId :
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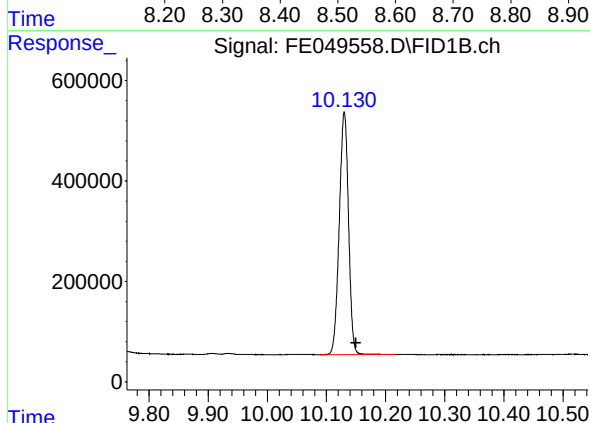
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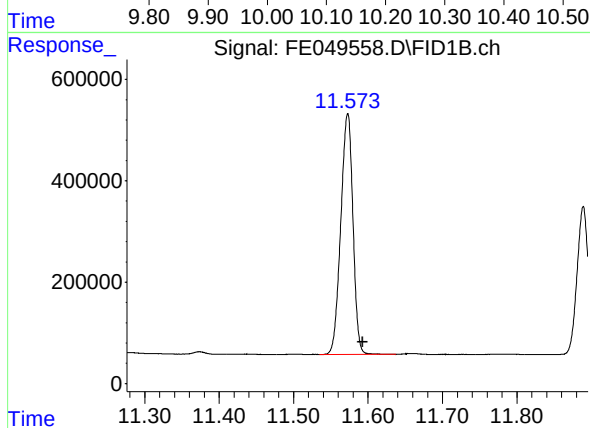
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.018 min
Response: 5002759
Conc: 32.96 ug/ml



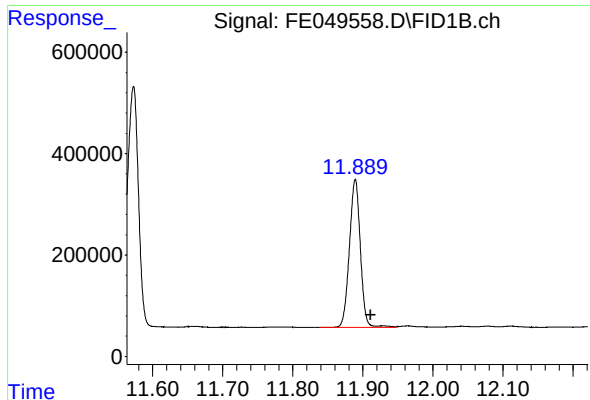
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.020 min
Response: 5265338
Conc: 34.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.020 min
Response: 5396500
Conc: 35.54 ug/ml



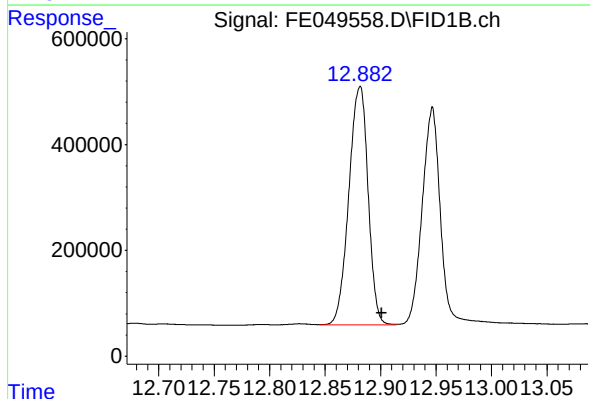
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.022 min
Response: 3175532
Conc: 20.47 ug/ml

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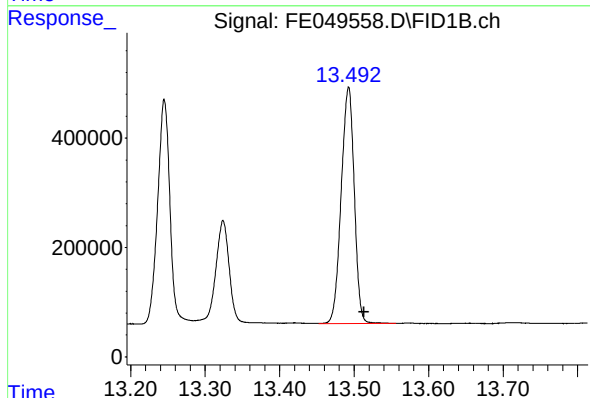
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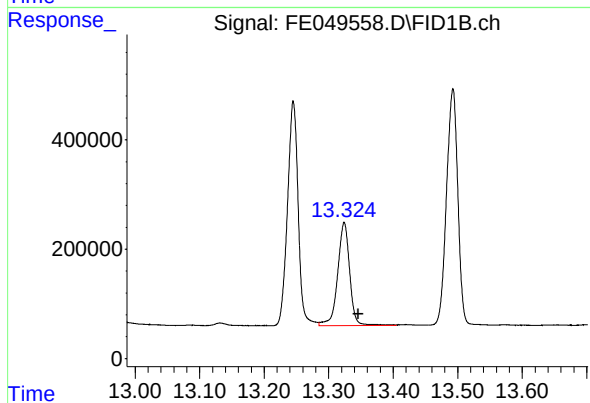
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.020 min
Response: 5434220
Conc: 37.58 ug/ml



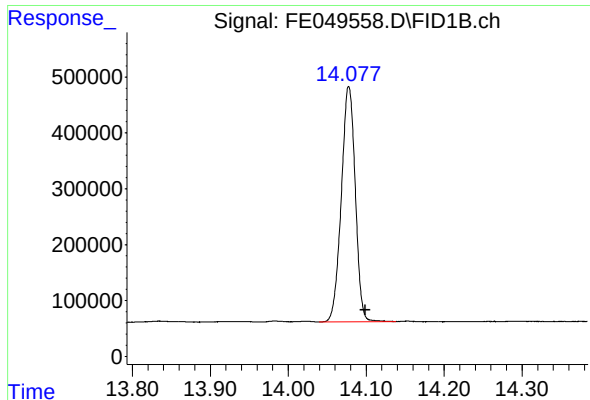
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.021 min
Response: 5266069
Conc: 37.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.324 min
Delta R.T.: -0.022 min
Response: 2440598
Conc: 20.89 ug/ml



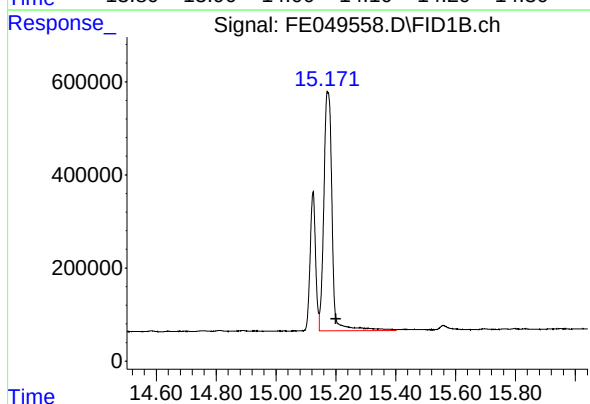
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 5238167
Conc: 37.28 ug/ml

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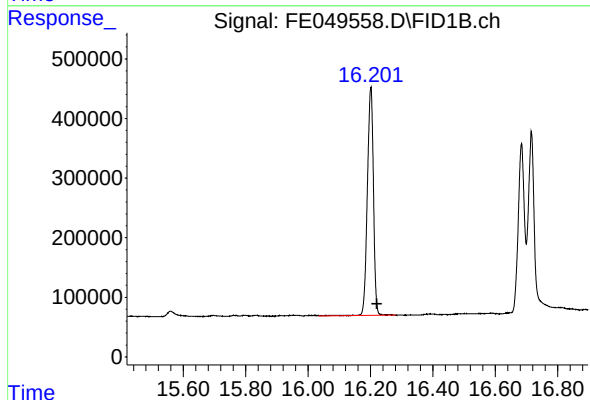
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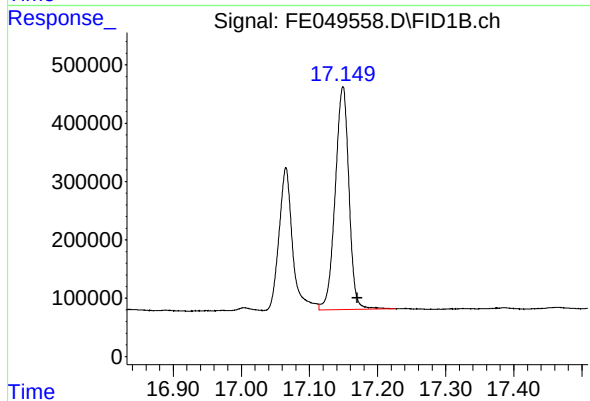
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.027 min
Response: 9879632
Conc: 70.49 ug/ml



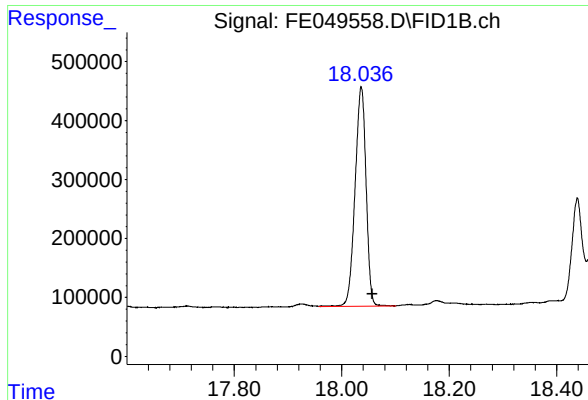
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.020 min
Response: 5173850
Conc: 36.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.021 min
Response: 5360119
Conc: 38.30 ug/ml



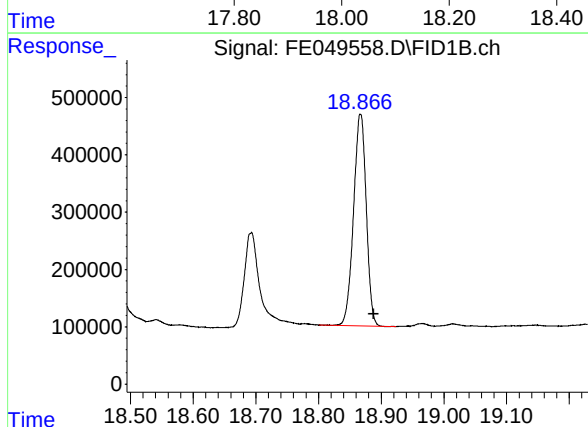
#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: -0.020 min
Response: 5293865
Conc: 36.29 ug/ml

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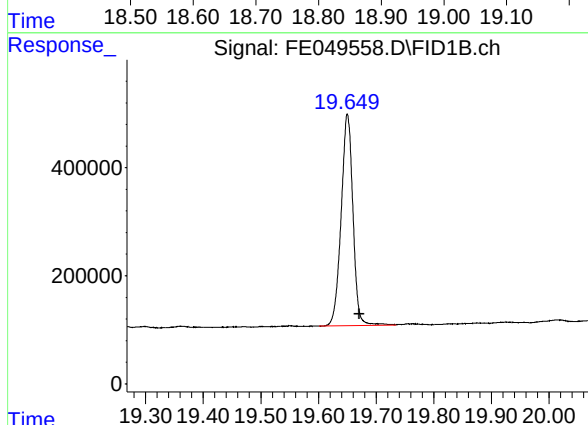
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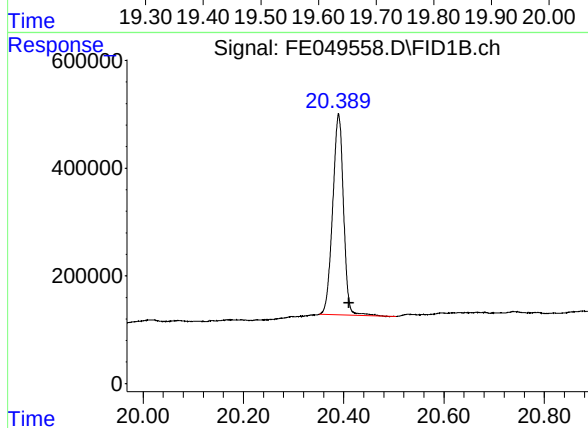
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.021 min
Response: 5206916
Conc: 35.41 ug/ml



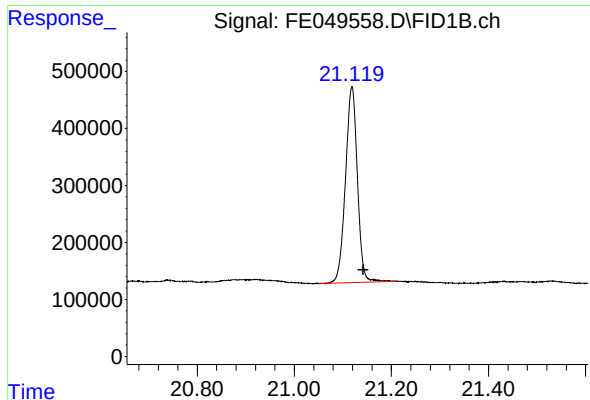
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.021 min
Response: 5566167
Conc: 38.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: -0.021 min
Response: 5612220
Conc: 38.93 ug/ml



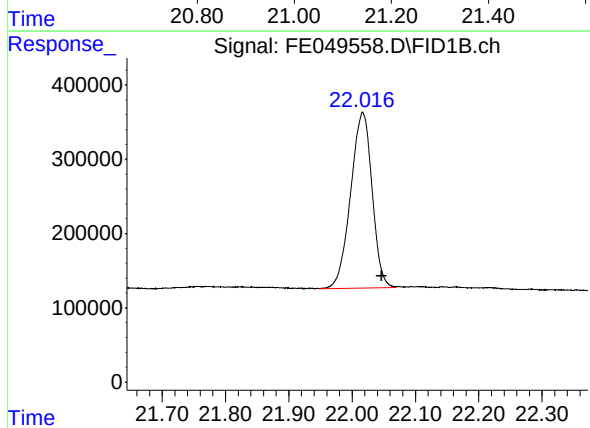
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.023 min
Response: 5848251
Conc: 39.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.031 min
Response: 5558570
Conc: 36.83 ug/ml m