

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072524AL\
 Data File : FE049256.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2024 16:54
 Operator : YP\AJ
 Sample : P3352-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2024
 Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E
 Quant Time: Jul 26 01:40:48 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)	11.909	5716383	36.855 ug/ml
Spiked Amount 50.000		Recovery =	73.71%
12) S 1-chlorooctadecane (S...	13.344	4532674	38.795 ug/ml
Spiked Amount 50.000		Recovery =	77.59%
Target Compounds			
1) T n-Nonane (C9)	3.293	2182610	14.513 ug/ml
2) T n-Decane (C10)	4.545	2631101	17.035 ug/ml
3) T A~Naphthalene (C11.7)	6.252	4134340	26.536 ug/mlm
4) T n-Dodecane (C12)	6.712	3721341	24.168 ug/ml
5) T A~2-methylnaphthalene...	7.348	4811687	33.063 ug/ml
6) T n-Tetradecane (C14)	8.542	5005508	32.980 ug/ml
7) T n-Hexadecane (C16)	10.147	5609706	36.990 ug/ml
8) T n-Octadecane (C18)	11.590	5936513	39.099 ug/ml
10) T n-Eicosane (C20)	12.900	6113079	42.274 ug/ml
11) T n-Heneicosane (C21)	13.511	5964513	42.060 ug/ml
13) T n-Docosane (C22)	14.097	5944075	42.308 ug/ml
14) T n-Tetracosane (C24)	15.192	10801840	77.073 ug/ml
15) T n-Hexacosane (C26)	16.221	5956224	42.477 ug/ml
16) T n-Octacosane (C28)	17.168	6119840	43.723 ug/ml
17) T n-Tricontane (C30)	18.055	6086290	41.723 ug/mlm
18) T n-Dotriacontane (C32)	18.887	6077540	41.333 ug/ml
19) T n-Tetratriacontane (C34)	19.668	6130001	41.966 ug/mlm
20) T n-Hexatriacontane (C36)	20.409	5962089	41.358 ug/ml
21) T n-Octatriacontane (C38)	21.141	5840653	39.018 ug/ml
22) T n-Tetracontane (C40)	22.044	5274976	34.956 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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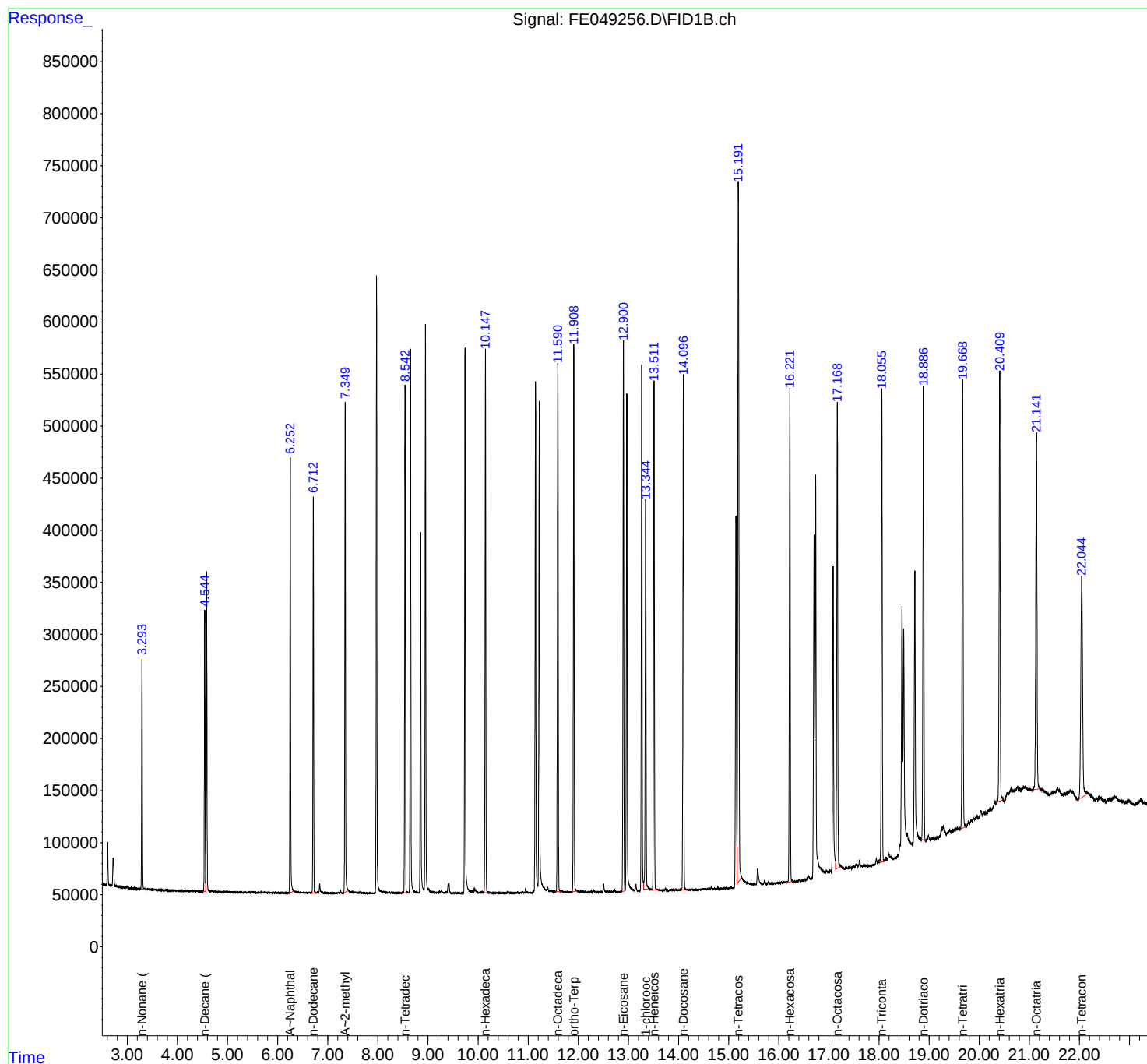
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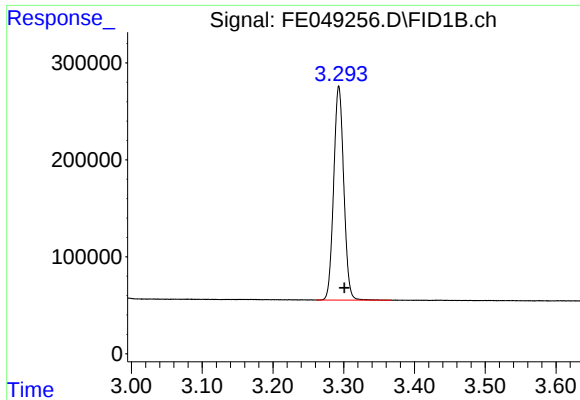
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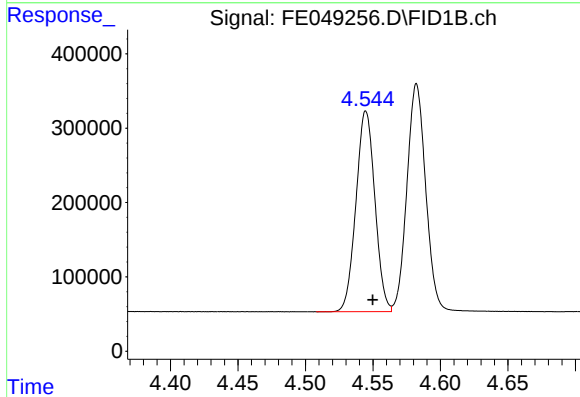
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 2182610
Conc: 14.51 ug/ml

Instrument :
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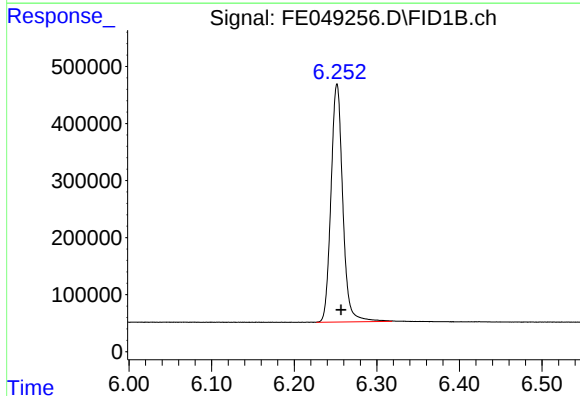
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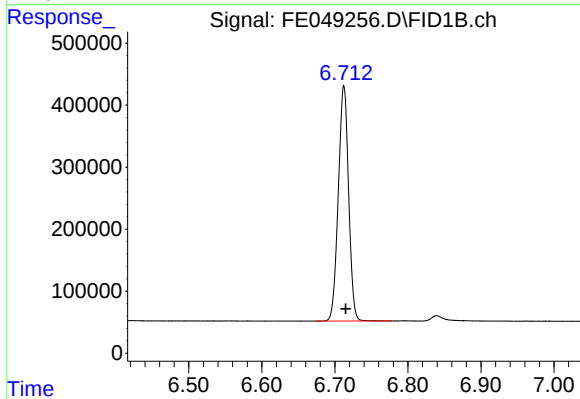
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 2631101
Conc: 17.04 ug/ml



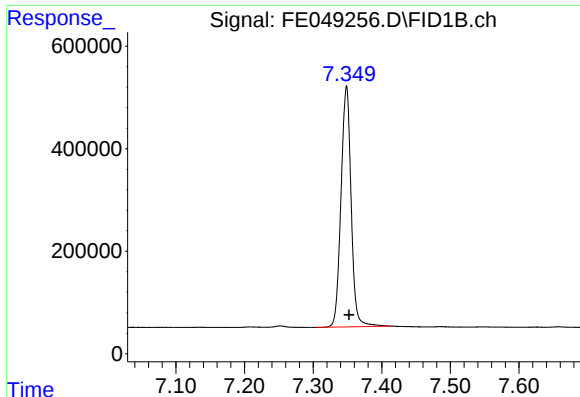
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.005 min
Response: 4134340
Conc: 26.54 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 3721341
Conc: 24.17 ug/ml



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

R.T.: 7.348 min
Delta R.T.: -0.004 min
Response: 4811687
Conc: 33.06 ug/ml

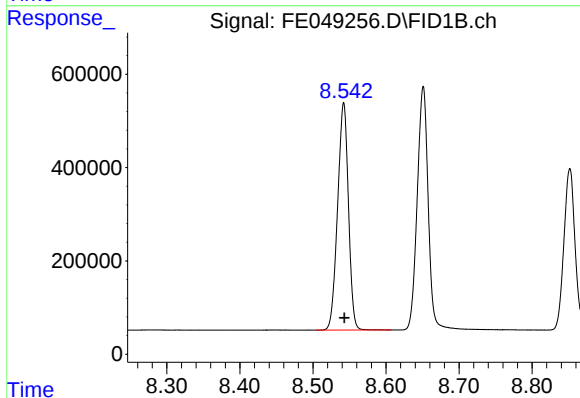
Instrument :

FID_E

ClientSampleId :
SOIL-COMPMS

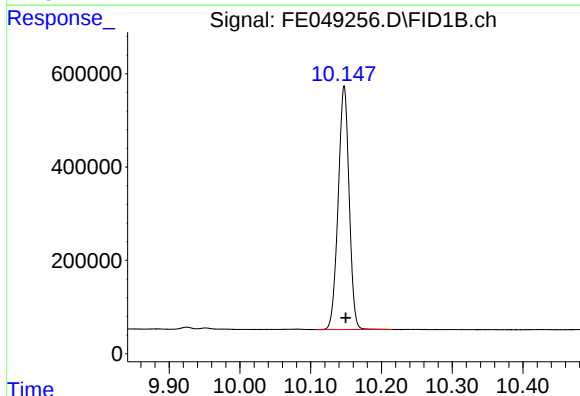
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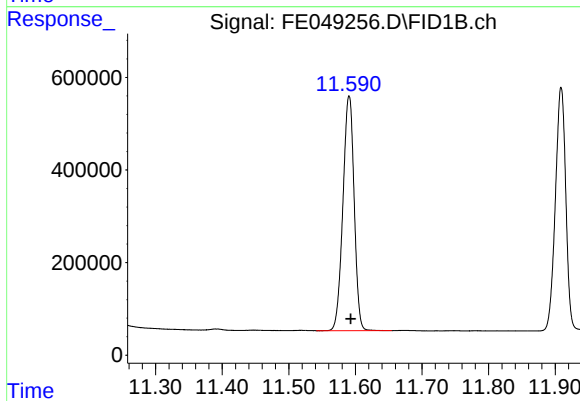
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.001 min
Response: 5005508
Conc: 32.98 ug/ml



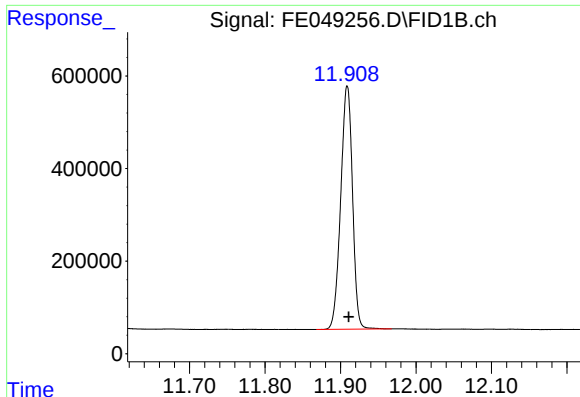
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 5609706
Conc: 36.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.590 min
Delta R.T.: -0.002 min
Response: 5936513
Conc: 39.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.002 min
Response: 5716383
Conc: 36.86 ug/ml

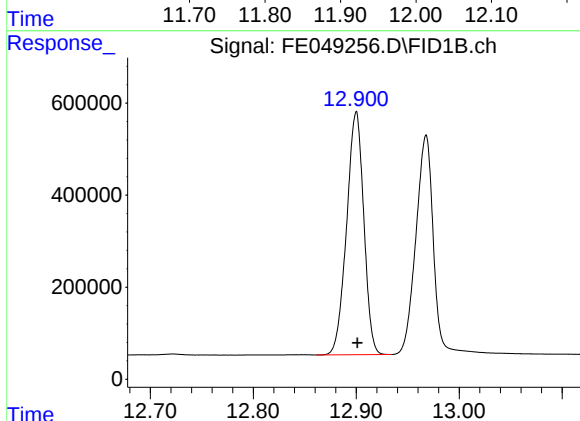
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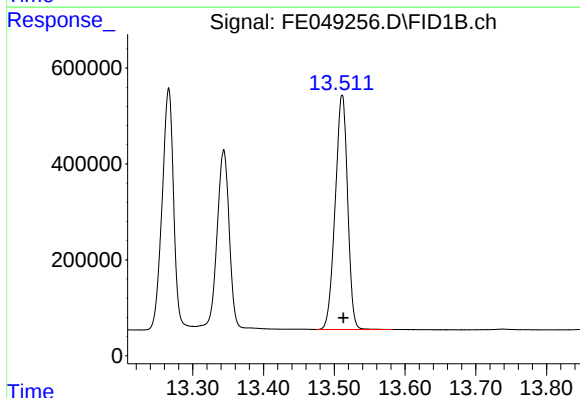
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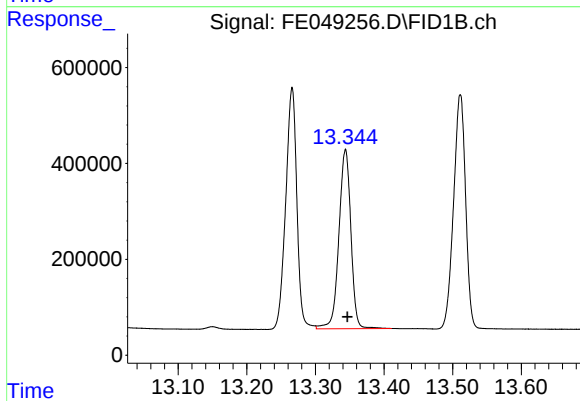
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.001 min
Response: 6113079
Conc: 42.27 ug/ml



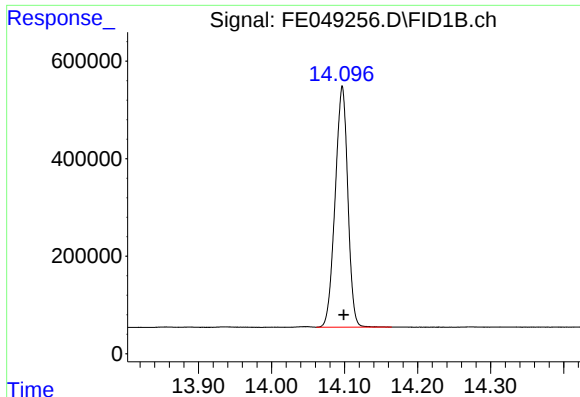
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 5964513
Conc: 42.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 4532674
Conc: 38.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.002 min
Response: 5944075
Conc: 42.31 ug/ml

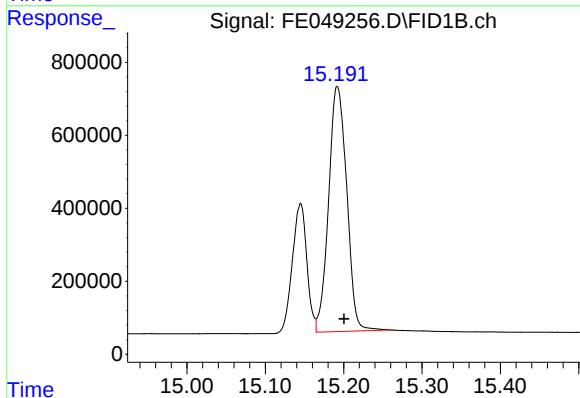
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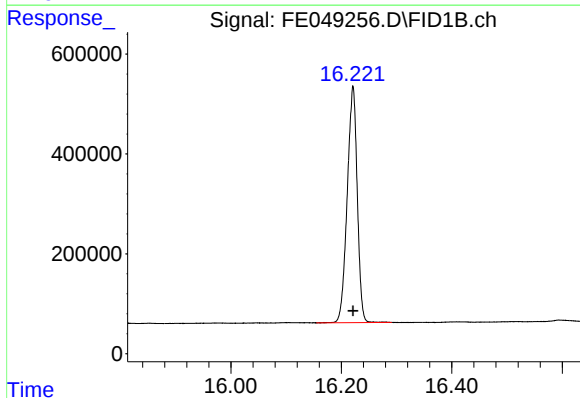
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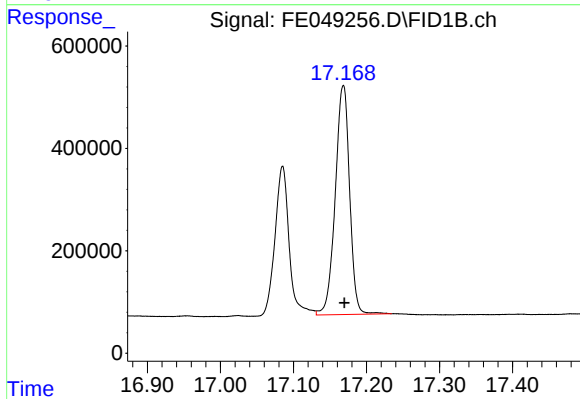
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.008 min
Response: 10801840
Conc: 77.07 ug/ml



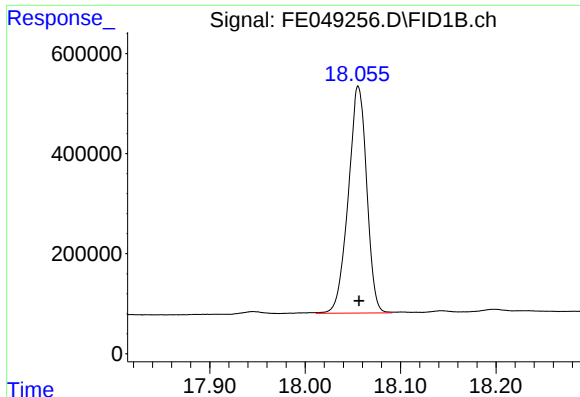
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 5956224
Conc: 42.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.002 min
Response: 6119840
Conc: 43.72 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.002 min
Response: 6086290
Conc: 41.72 ug/ml

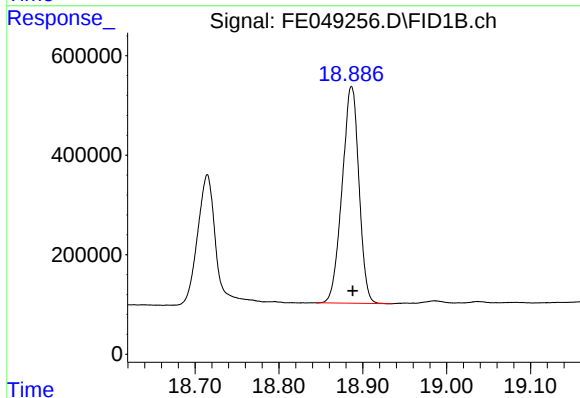
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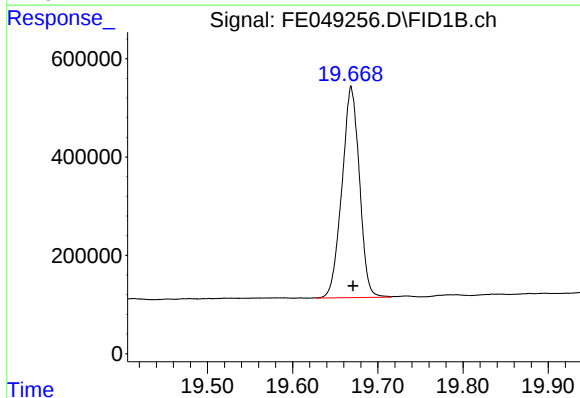
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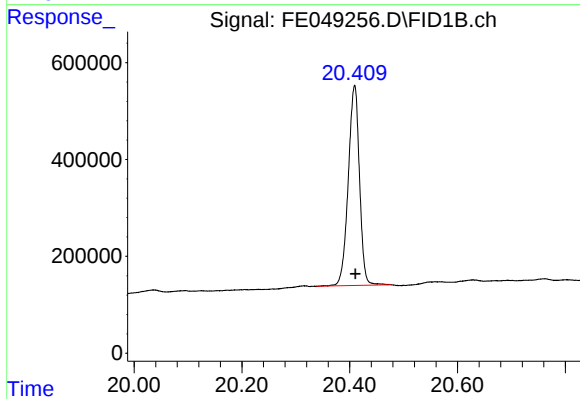
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.002 min
Response: 6077540
Conc: 41.33 ug/ml



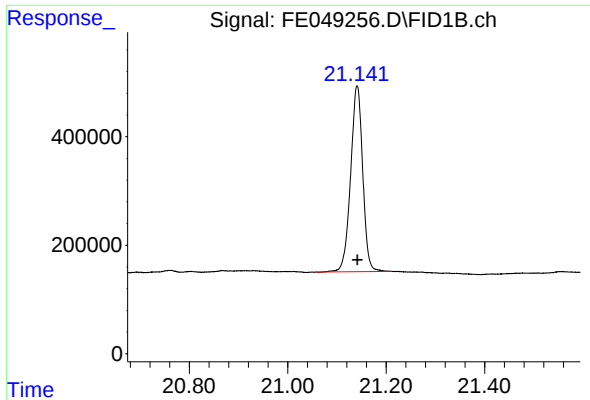
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.003 min
Response: 6130001
Conc: 41.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: -0.002 min
Response: 5962089
Conc: 41.36 ug/ml



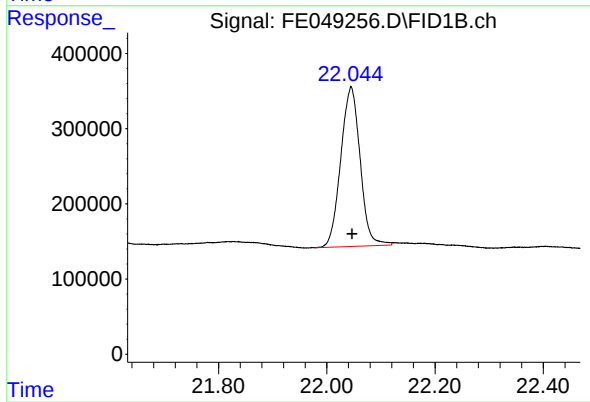
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 5840653
Conc: 39.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.003 min
Response: 5274976
Conc: 34.96 ug/ml m