

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049557.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 11:57
 Operator : YP\AJ
 Sample : P3526-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-1-COMPMS

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 01:42:21 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)	11.888	3209221	20.691 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	13.324	2501839	21.413 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T n-Nonane (C9)	3.278	3376955	22.455 ug/ml
2) T n-Decane (C10)	4.566	3796204	24.578 ug/ml
3) T A~Naphthalene (C11.7)	6.235	4205340	26.991 ug/ml
4) T n-Dodecane (C12)	6.696	4378076	28.433 ug/ml
5) T A~2-methylnaphthalene...	7.331	4415782	30.343 ug/ml
6) T n-Tetradecane (C14)	8.525	5089509	33.533 ug/ml
7) T n-Hexadecane (C16)	10.130	5343348	35.233 ug/ml
8) T n-Octadecane (C18)	11.572	5488122	36.146 ug/ml
10) T n-Eicosane (C20)	12.881	5534429	38.272 ug/ml
11) T n-Heneicosane (C21)	13.492	5352286	37.743 ug/ml
13) T n-Docosane (C22)	14.078	5327088	37.917 ug/ml
14) T n-Tetracosane (C24)	15.172	9464523	67.531 ug/ml
15) T n-Hexacosane (C26)	16.200	5251177	37.449 ug/ml
16) T n-Octacosane (C28)	17.148	5733148	40.961 ug/ml
17) T n-Tricontane (C30)	18.035	5391228	36.959 ug/ml
18) T n-Dotriacontane (C32)	18.864	5317178	36.162 ug/ml
19) T n-Tetratriacontane (C34)	19.647	5654709	38.713 ug/ml
20) T n-Hexatriacontane (C36)	20.388	5656811	39.240 ug/ml
21) T n-Octatriacontane (C38)	21.118	5991936	40.029 ug/ml
22) T n-Tetracontane (C40)	22.012	5747239	38.085 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3526-01MS
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ALS Vial : 11 Sample Multiplier: 1

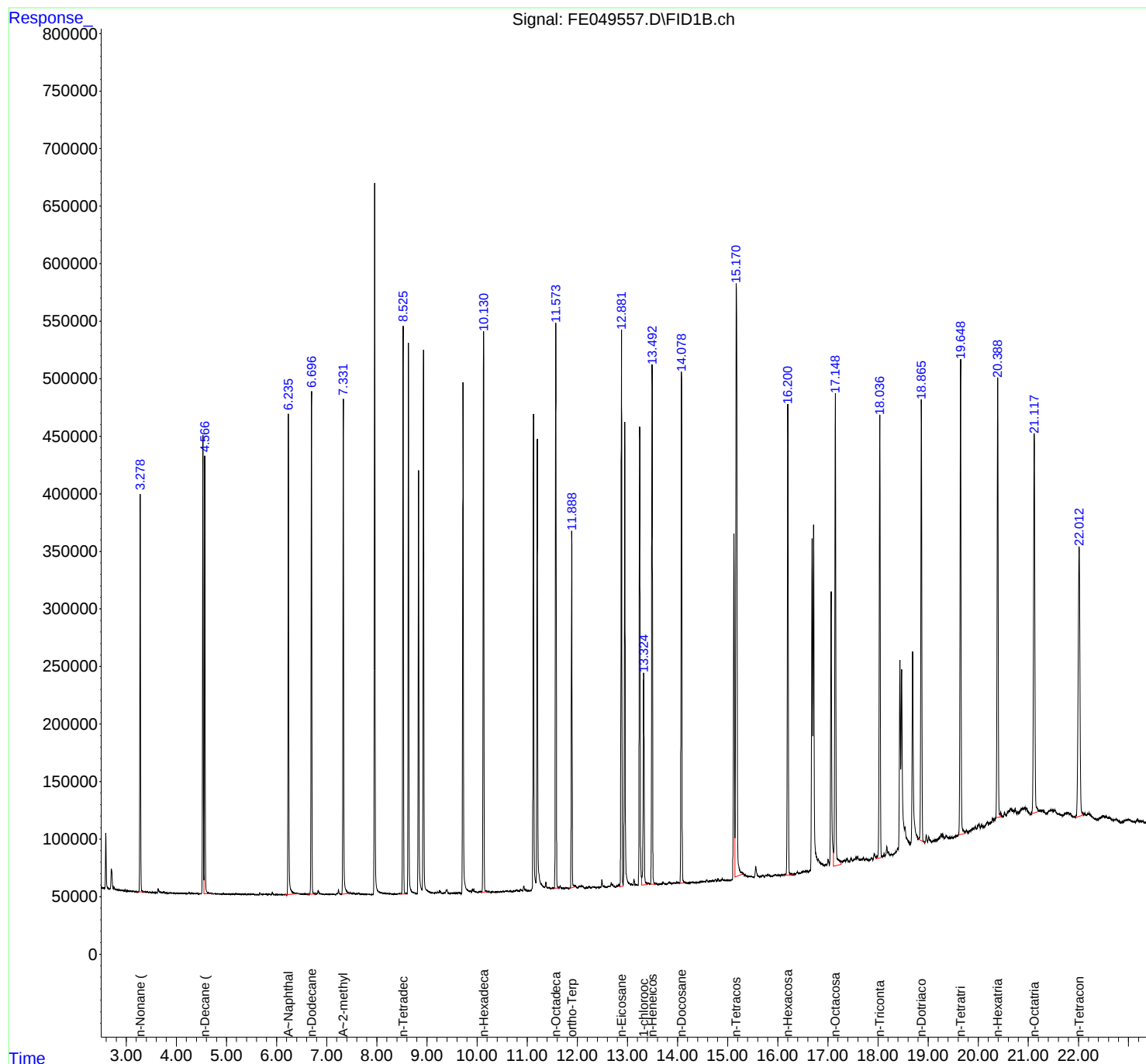
Instrument :
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SP-1-COMPMS

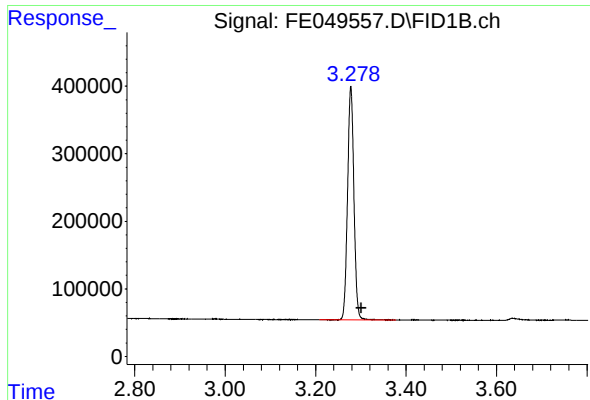
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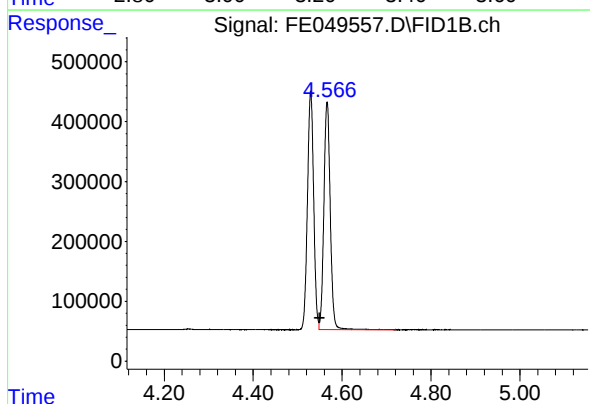
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.023 min
Response: 3376955
Conc: 22.45 ug/ml

Instrument :
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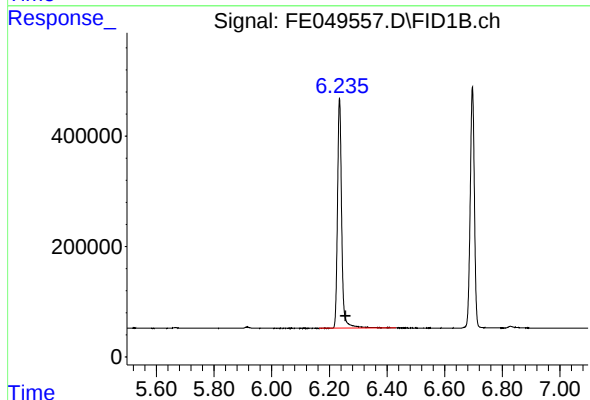
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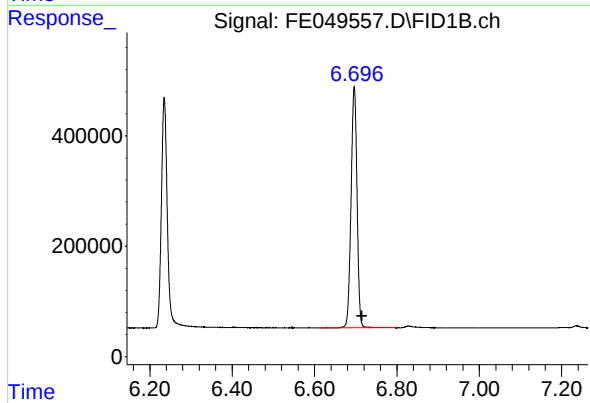
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.017 min
Response: 3796204
Conc: 24.58 ug/ml



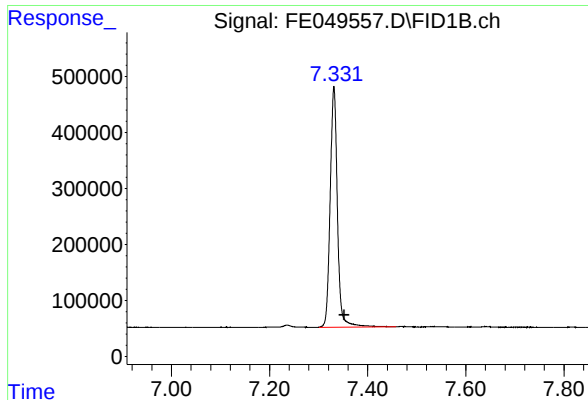
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.022 min
Response: 4205340
Conc: 26.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.019 min
Response: 4378076
Conc: 28.43 ug/ml



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

R.T.: 7.331 min
Delta R.T.: -0.021 min
Response: 4415782
Conc: 30.34 ug/ml

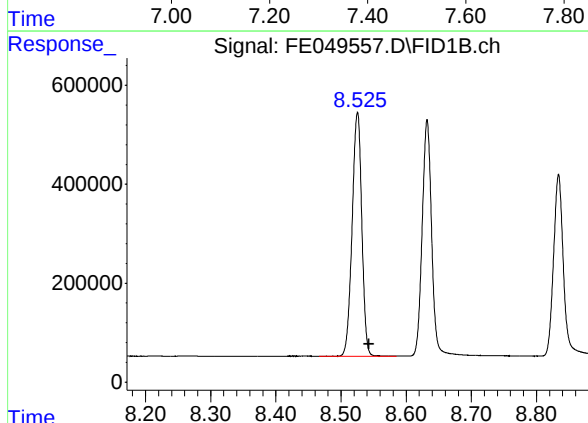
Instrument :

FID_E

ClientSampleId :
SP-1-COMPMS

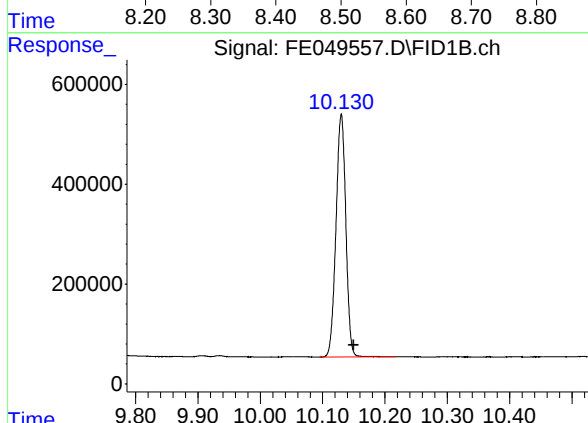
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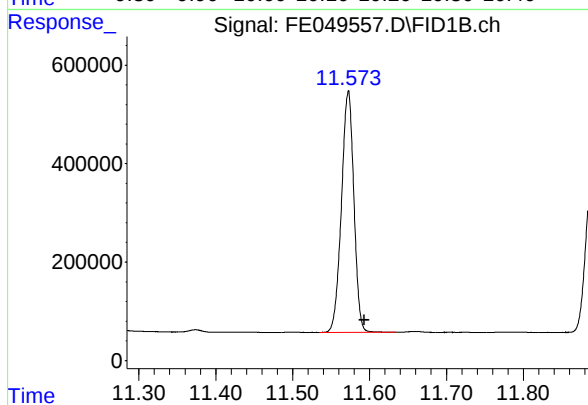
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.018 min
Response: 5089509
Conc: 33.53 ug/ml



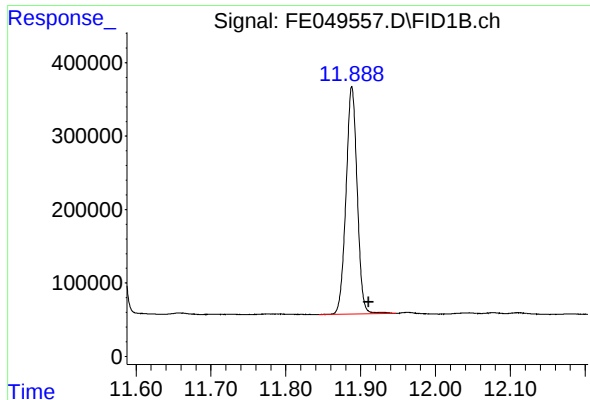
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.020 min
Response: 5343348
Conc: 35.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.021 min
Response: 5488122
Conc: 36.15 ug/ml



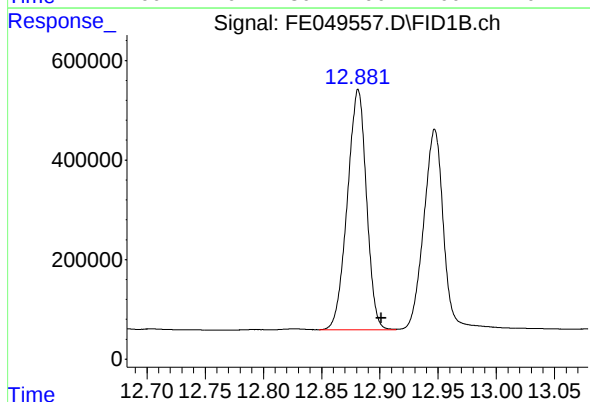
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 3209221
Conc: 20.69 ug/ml

Instrument :
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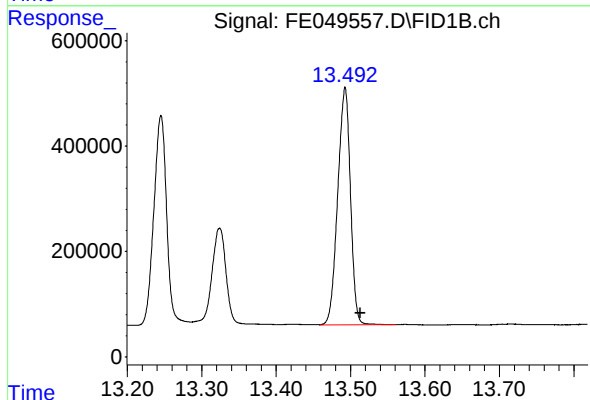
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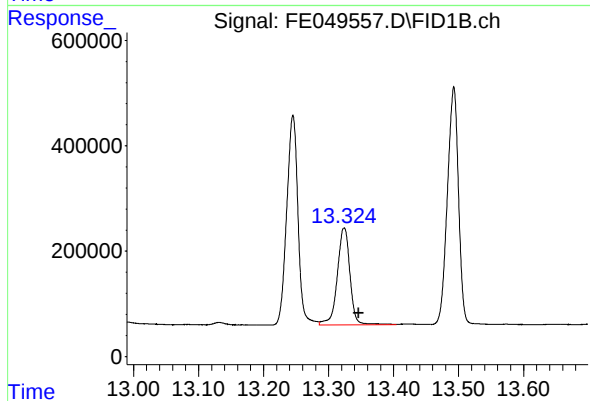
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.020 min
Response: 5534429
Conc: 38.27 ug/ml



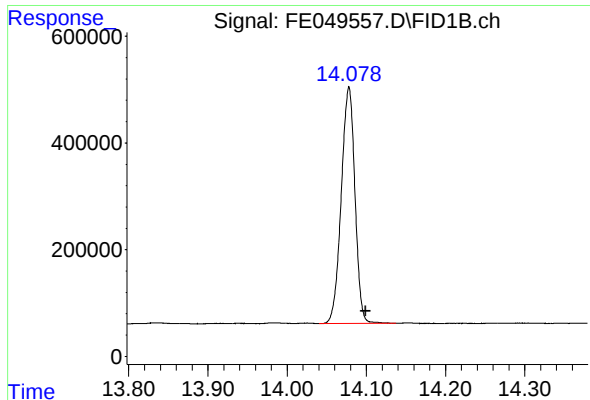
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.021 min
Response: 5352286
Conc: 37.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.324 min
Delta R.T.: -0.022 min
Response: 2501839
Conc: 21.41 ug/ml



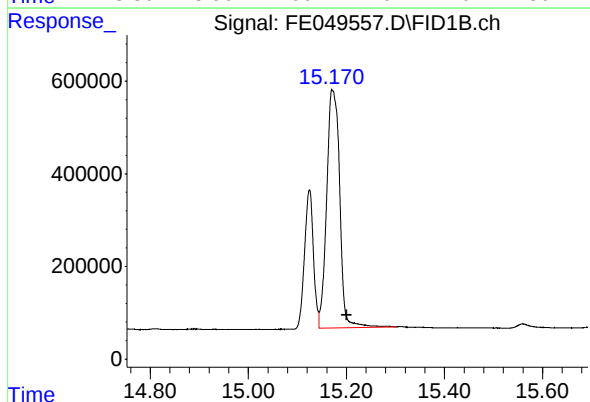
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 5327088
Conc: 37.92 ug/ml

Instrument :
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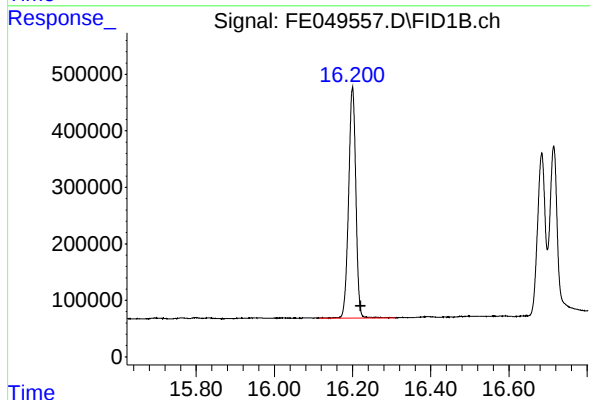
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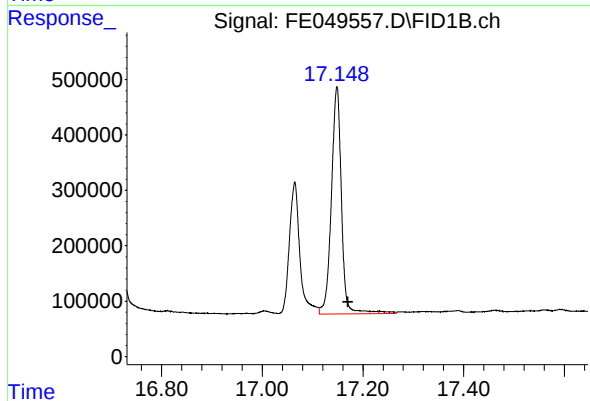
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.028 min
Response: 9464523
Conc: 67.53 ug/ml



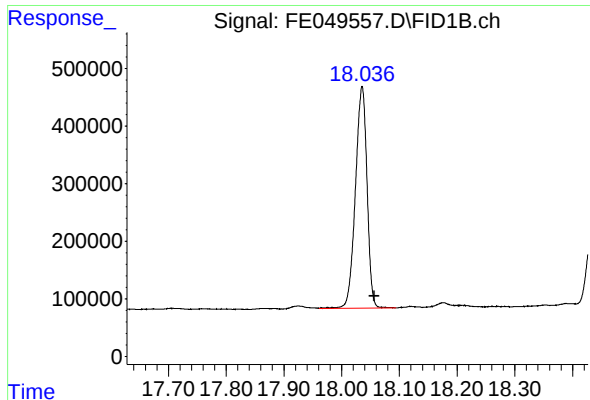
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.021 min
Response: 5251177
Conc: 37.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: -0.022 min
Response: 5733148
Conc: 40.96 ug/ml



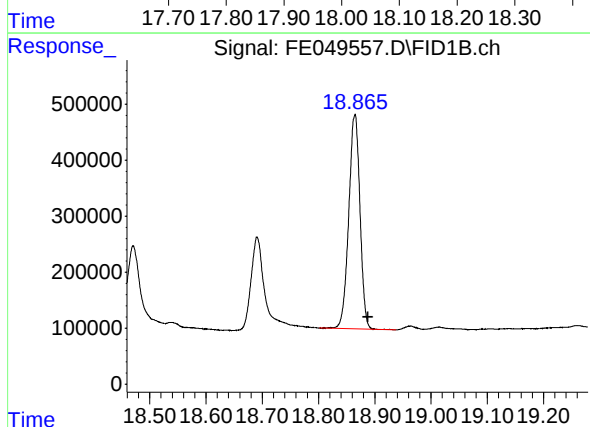
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: -0.021 min
Response: 5391228
Conc: 36.96 ug/ml

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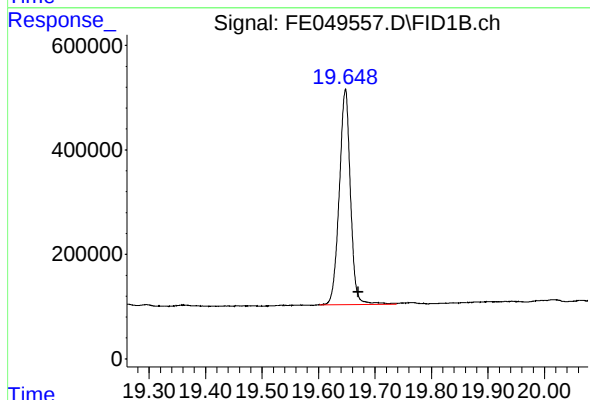
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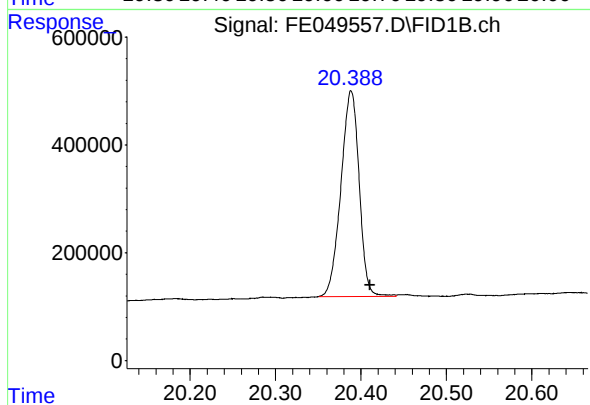
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.024 min
Response: 5317178
Conc: 36.16 ug/ml



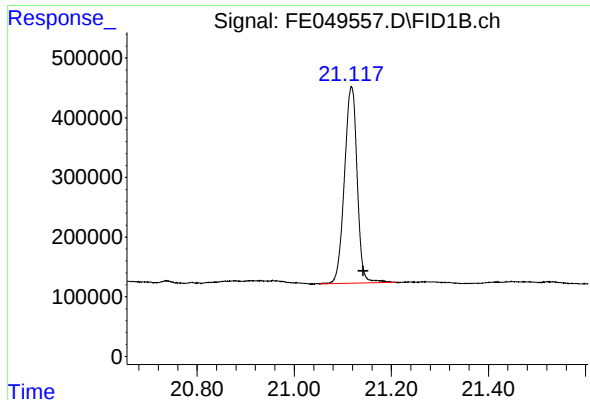
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.024 min
Response: 5654709
Conc: 38.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.022 min
Response: 5656811
Conc: 39.24 ug/ml



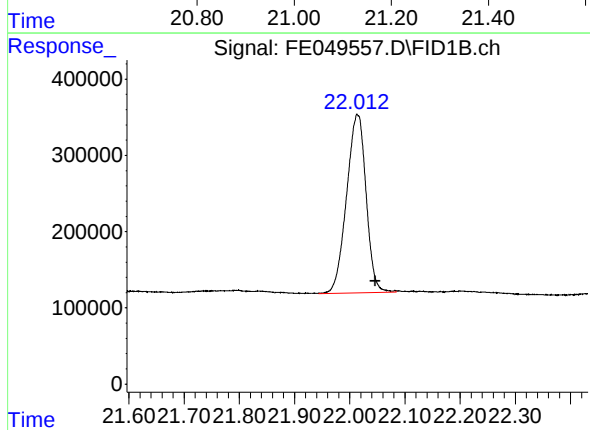
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.024 min
Response: 5991936
Conc: 40.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.034 min
Response: 5747239
Conc: 38.09 ug/ml m