

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061423AL\
 Data File : FE042619.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2023 18:57
 Operator : YP\AJ
 Sample : 03221-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RT-4194MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/15/2023

Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e

Quant Time: Jun 15 01:27:06 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 2023

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)	11.942	6066898	34.358 ug/ml
Spiked Amount 50.000		Recovery =	68.72%
12) S 1-chlorooctadecane (S...	13.379	4820528	36.278 ug/ml
Spiked Amount 50.000		Recovery =	72.56%
Target Compounds			
1) T n-Nonane (C9)	3.321	4472246	31.015 ug/ml
2) T n-Decane (C10)	4.573	5041349	34.055 ug/mlm
3) T A~Naphthalene (C11.7)	6.281	5656834	34.670 ug/ml
4) T n-Dodecane (C12)	6.741	5473497	36.501 ug/ml
5) T A~2-methylnaphthalene...	7.378	5628212	35.464 ug/ml
6) T n-Tetradecane (C14)	8.572	5857435	39.100 ug/ml
7) T n-Hexadecane (C16)	10.179	6579695	42.240 ug/ml
8) T n-Octadecane (C18)	11.623	6786341	42.915 ug/ml
10) T n-Eicosane (C20)	12.934	6795043	44.827 ug/ml
11) T n-Heneicosane (C21)	13.546	6470196	43.672 ug/ml
13) T n-Docosane (C22)	14.132	6416350	43.768 ug/ml
14) T n-Tetracosane (C24)	15.229	12213823	84.609 ug/ml
15) T n-Hexacosane (C26)	16.259	5983070	43.200 ug/ml
16) T n-Octacosane (C28)	17.208	6024570	44.999 ug/ml
17) T n-Tricontane (C30)	18.098	5893478	43.658 ug/ml
18) T n-Dotriacontane (C32)	18.930	5776062	43.237 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5850340	44.486 ug/ml
20) T n-Hexatriacontane (C36)	20.454	5643686	43.422 ug/mlm
21) T n-Octatriacontane (C38)	21.201	5914133	43.591 ug/mlm
22) T n-Tetracontane (C40)	22.130	6022036	43.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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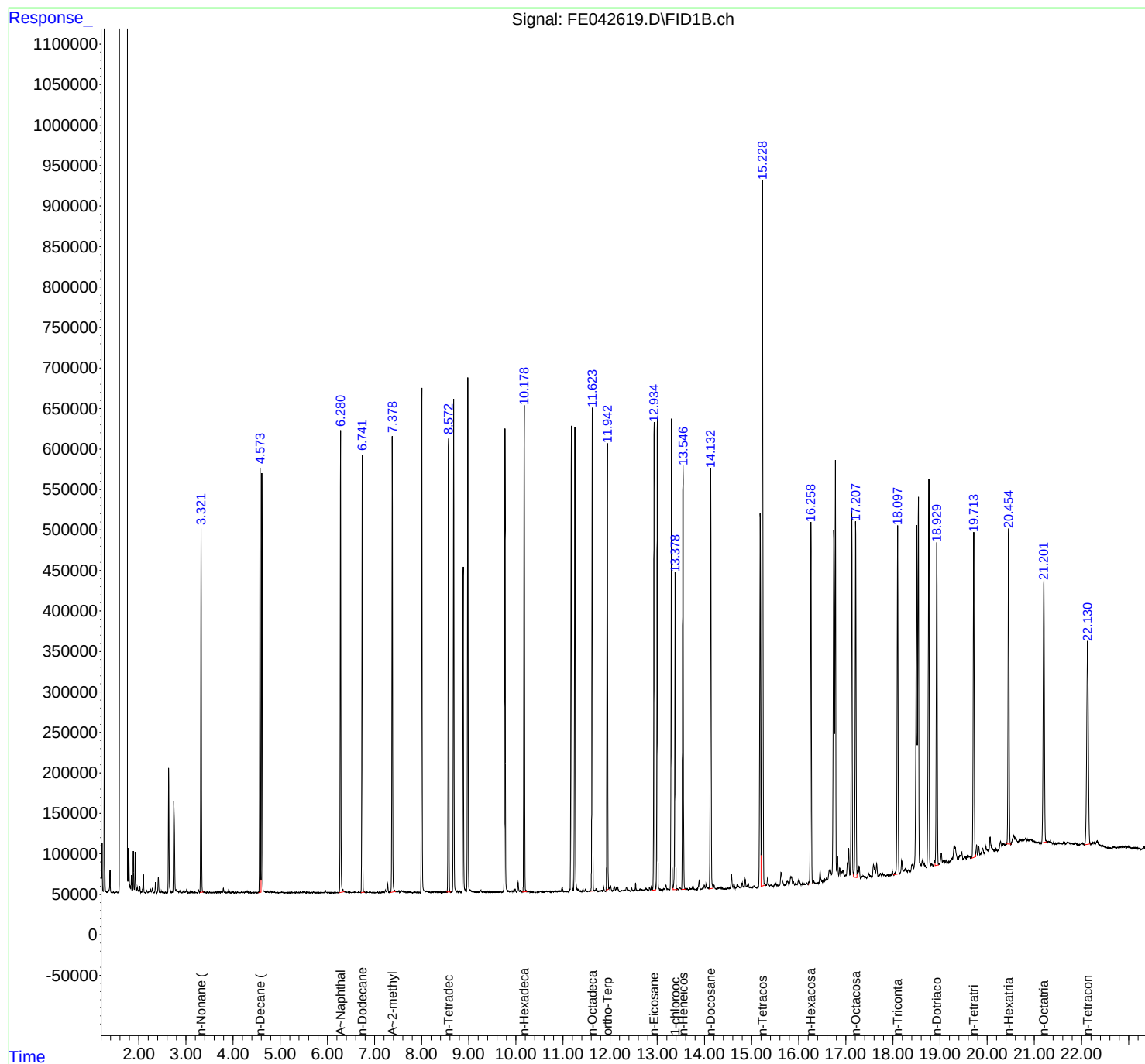
Instrument :
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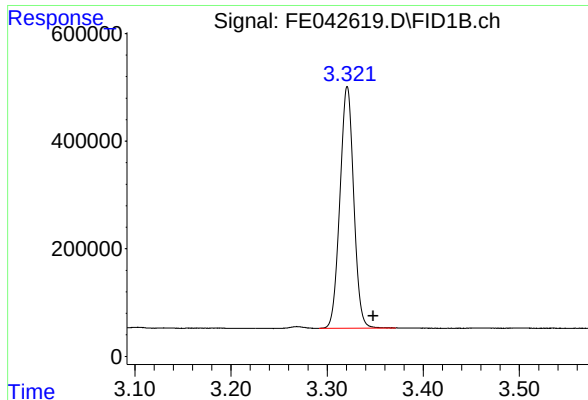
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Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 2023
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





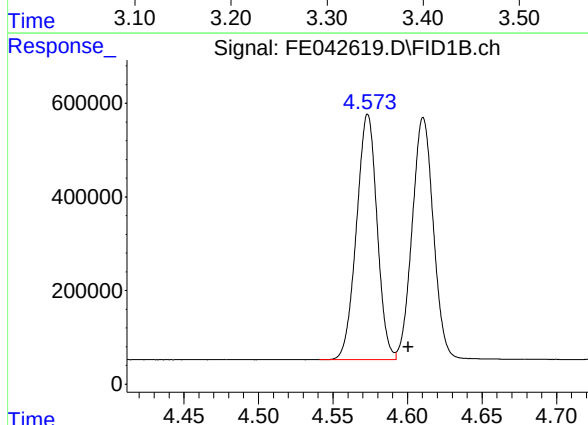
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.027 min
Response: 4472246
Conc: 31.01 ug/ml

Instrument :
FID_E
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RT-4194MSD

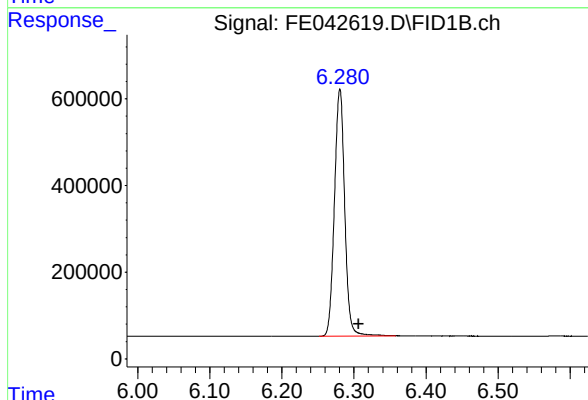
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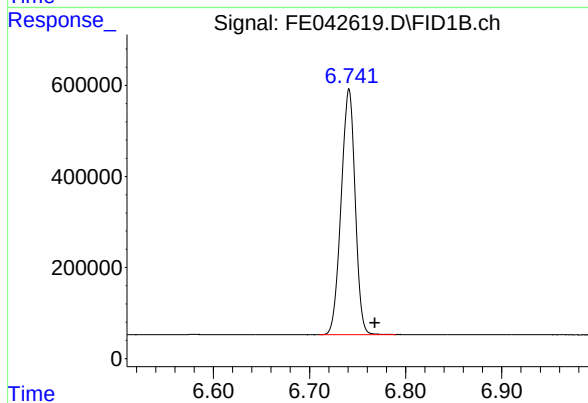
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.028 min
Response: 5041349
Conc: 34.05 ug/ml



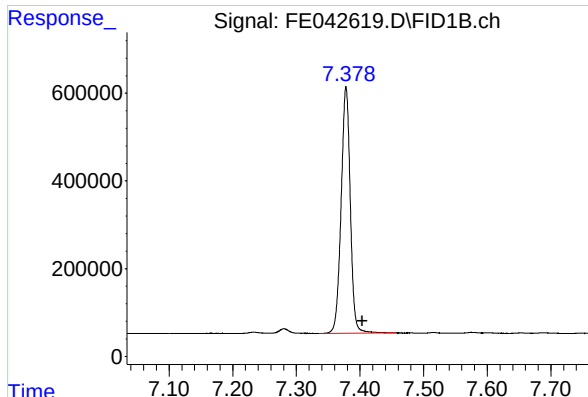
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.026 min
Response: 5656834
Conc: 34.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.027 min
Response: 5473497
Conc: 36.50 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 5628212
Conc: 35.46 ug/ml

Instrument :

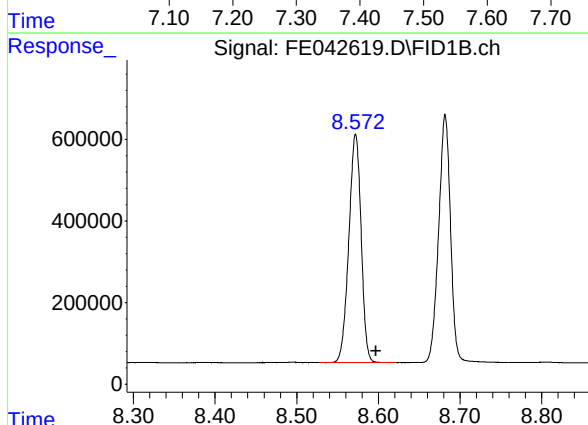
FID_E

ClientSampleId :

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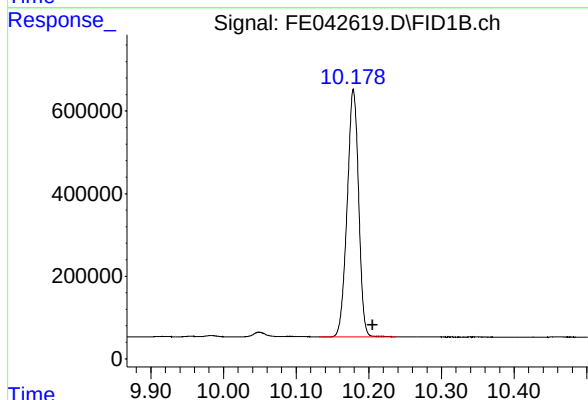
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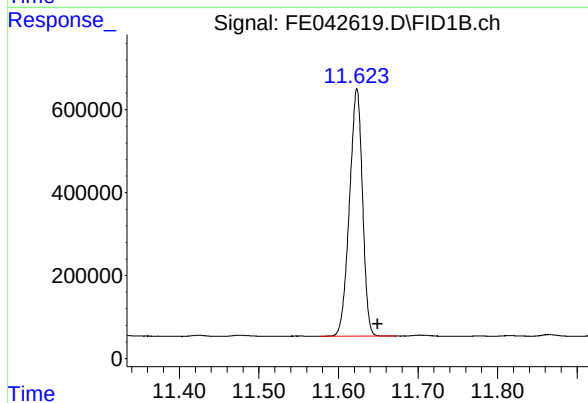
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.025 min
Response: 5857435
Conc: 39.10 ug/ml



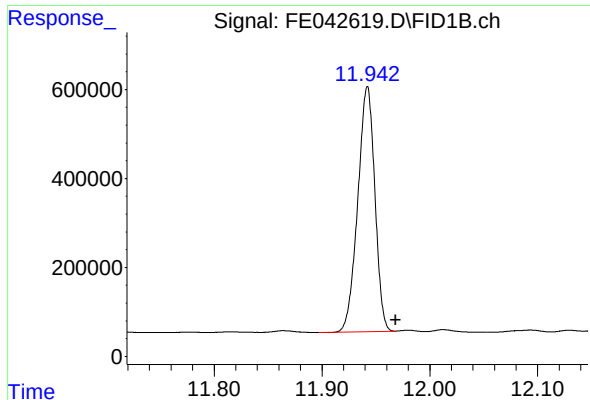
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.026 min
Response: 6579695
Conc: 42.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.026 min
Response: 6786341
Conc: 42.92 ug/ml



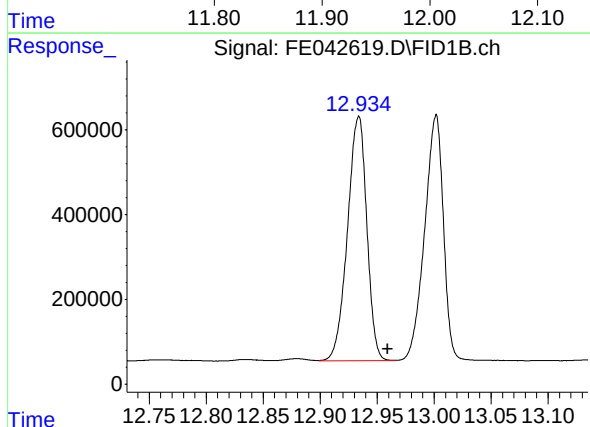
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.026 min
Response: 6066898
Conc: 34.36 ug/ml

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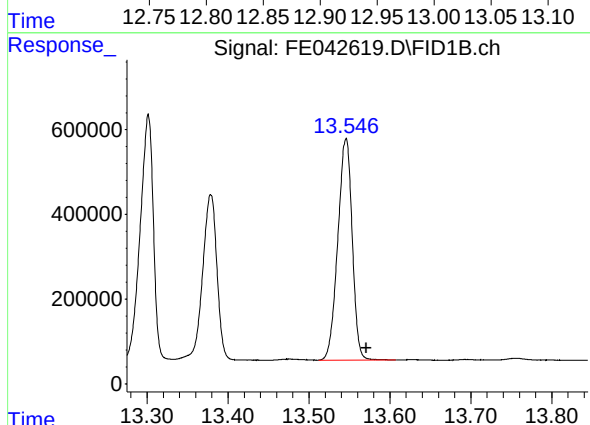
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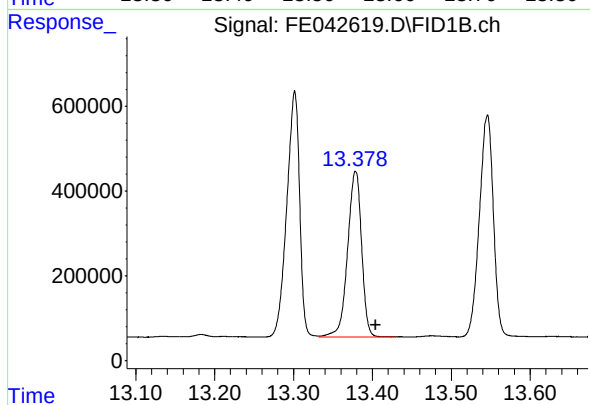
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.025 min
Response: 6795043
Conc: 44.83 ug/ml



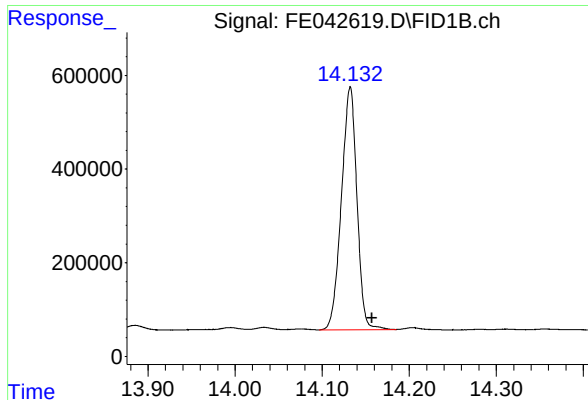
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.025 min
Response: 6470196
Conc: 43.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.025 min
Response: 4820528
Conc: 36.28 ug/ml



#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.025 min
Response: 6416350
Conc: 43.77 ug/ml

Instrument :

FID_E

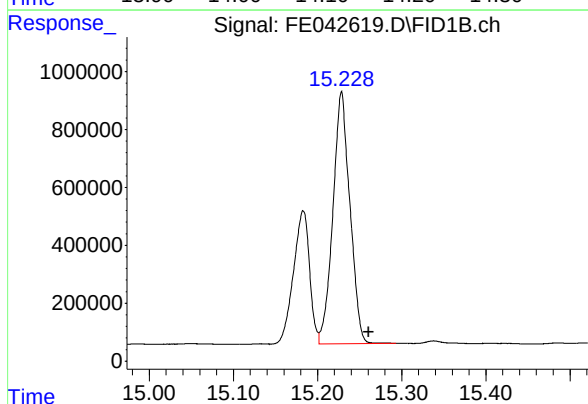
ClientSampleId :

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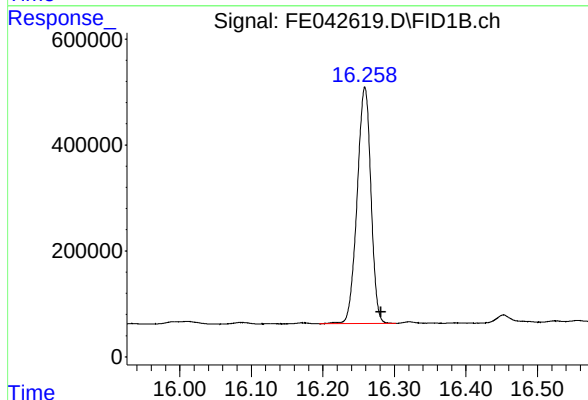
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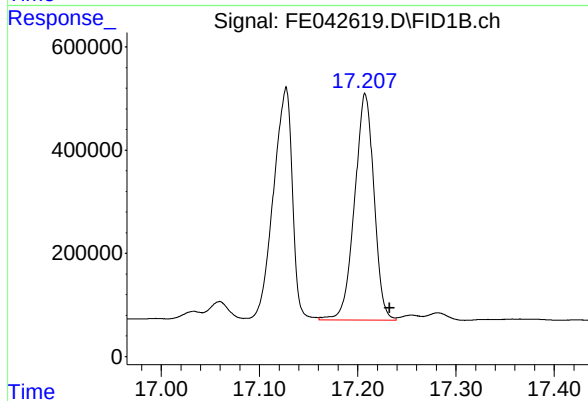
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.032 min
Response: 12213823
Conc: 84.61 ug/ml



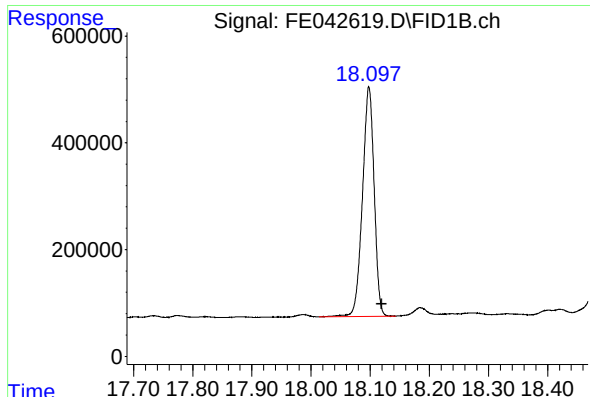
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.022 min
Response: 5983070
Conc: 43.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.025 min
Response: 6024570
Conc: 45.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.022 min
Response: 5893478
Conc: 43.66 ug/ml

Instrument :

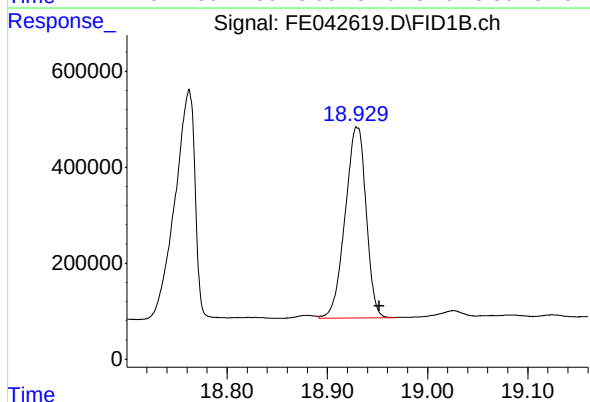
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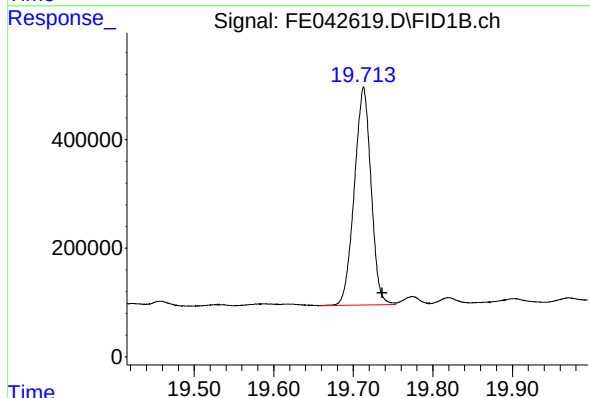
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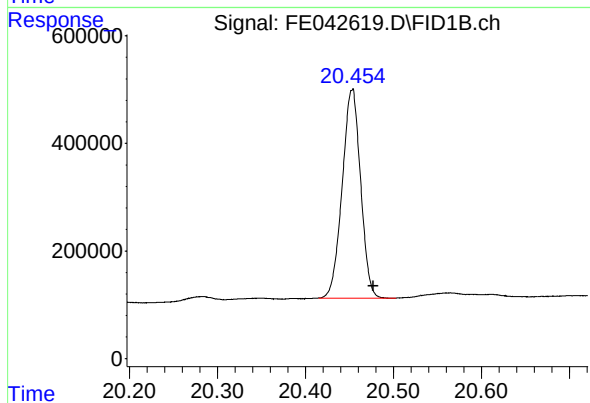
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.022 min
Response: 5776062
Conc: 43.24 ug/ml



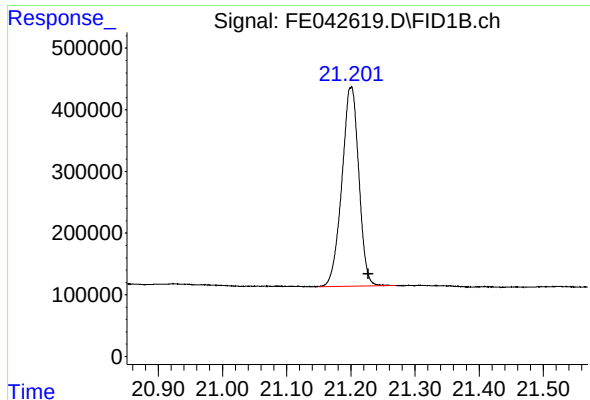
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.024 min
Response: 5850340
Conc: 44.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.023 min
Response: 5643686
Conc: 43.42 ug/ml m



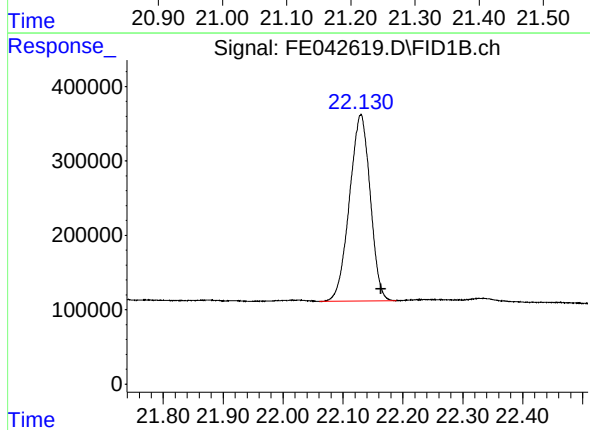
#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.026 min
Response: 5914133
Conc: 43.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.033 min
Response: 6022036
Conc: 43.29 ug/ml