

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054841.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 13:24
 Operator : YP\AJ
 Sample : Q2564-06DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0039-E2DL

Integration File: autoint1.e
 Quant Time: Jul 15 03:30:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.085	1098117	6.762 ug/ml
Spiked Amount 50.000		Recovery =	13.52%
12) S 1-chlorooctadecane (S...	13.521	606421	4.802 ug/ml
Spiked Amount 50.000		Recovery =	9.60%
Target Compounds			
6) T n-Tetradecane (C14)	8.690	52419	0.378 ug/ml
7) T n-Hexadecane (C16)	10.328	64274	0.451 ug/ml
8) T n-Octadecane (C18)	11.754	497809	3.397 ug/ml
10) T n-Eicosane (C20)	13.077	170243	1.184 ug/ml
11) T n-Heneicosane (C21)	13.706	203089	1.422 ug/ml
14) T n-Tetracosane (C24)	15.373	87965	0.605 ug/ml
15) T n-Hexacosane (C26)	16.405	27005	0.187 ug/ml
16) T n-Octacosane (C28)	17.356	84801	0.582 ug/ml
17) T n-Tricontane (C30)	18.245	117619	0.746 ug/ml
18) T n-Dotriacontane (C32)	19.079	218516	1.351 ug/ml
19) T n-Tetratriacontane (C34)	19.864	87437	0.574 ug/ml
20) T n-Hexatriacontane (C36)	20.606	29003	0.216 ug/ml
21) T n-Octatriacontane (C38)	21.384	180270	1.537 ug/ml

(f)=RT Delta > 1/2 Window

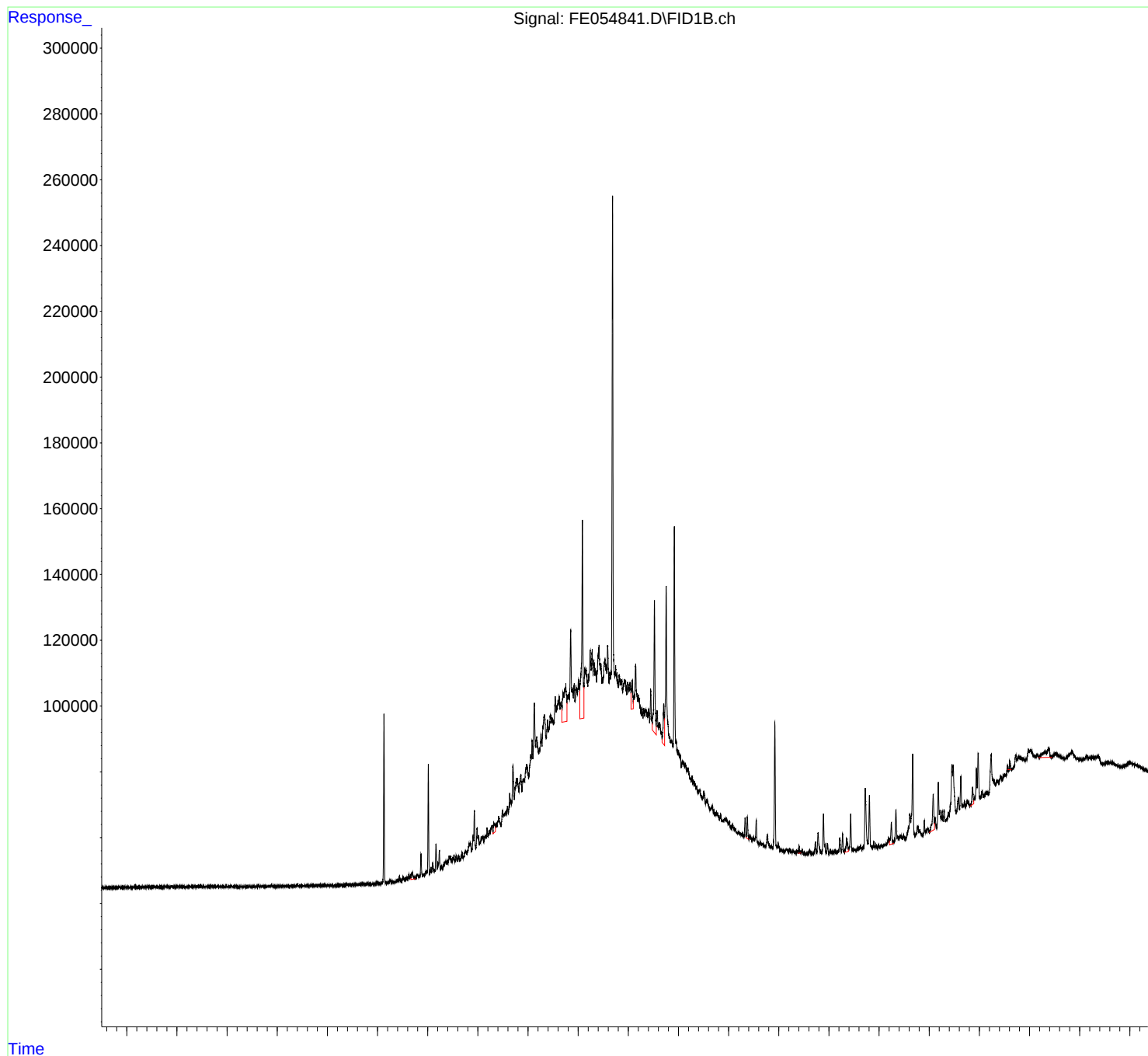
(m)=manual int.

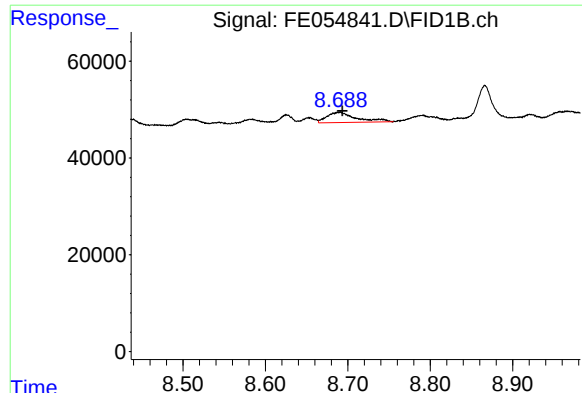
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Signal Info : 20M x 0.18mm x 0.18um

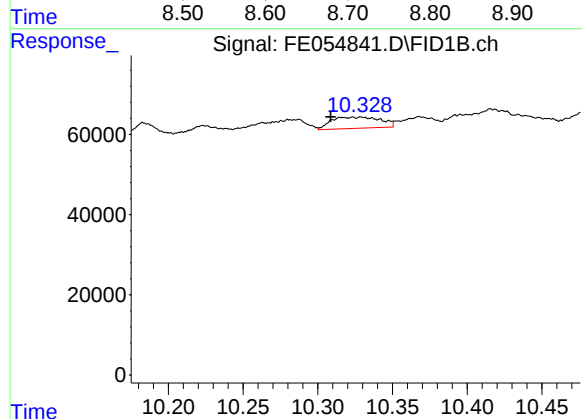




#6 n-Tetradecane (C14)

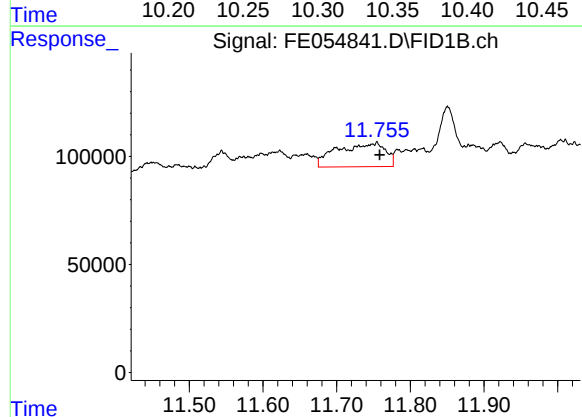
R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 52419
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0039-E2DL



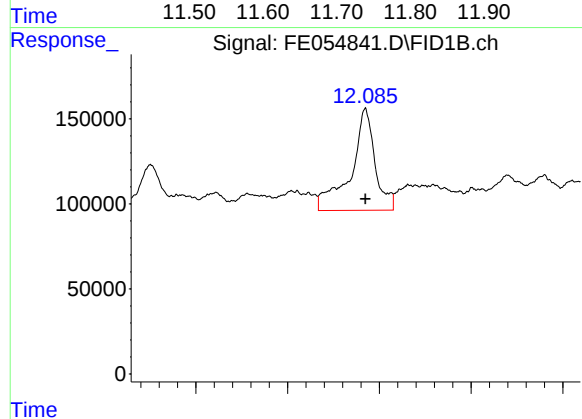
#7 n-Hexadecane (C16)

R.T.: 10.328 min
Delta R.T.: 0.019 min
Response: 64274
Conc: 0.45 ug/ml



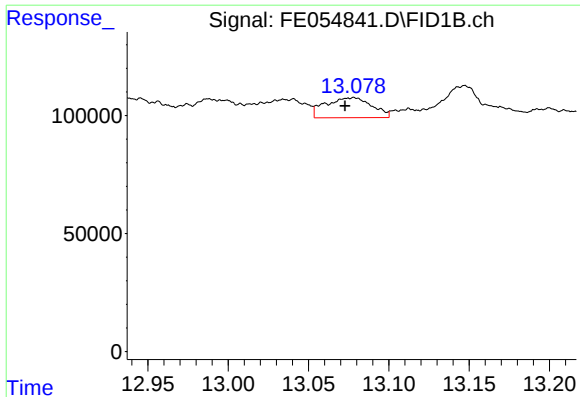
#8 n-Octadecane (C18)

R.T.: 11.754 min
Delta R.T.: -0.005 min
Response: 497809
Conc: 3.40 ug/ml



#9 ortho-Terphenyl (SURRE)

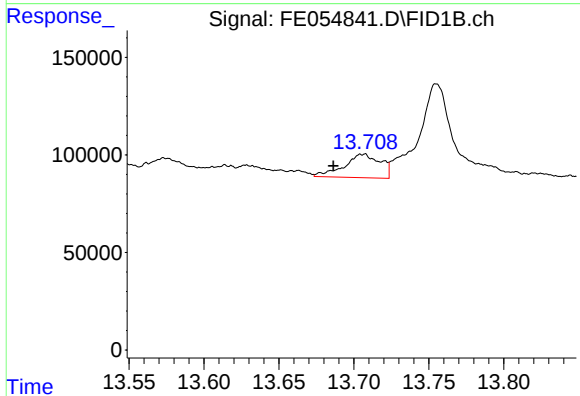
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 1098117
Conc: 6.76 ug/ml



#10 n-Eicosane (C20)

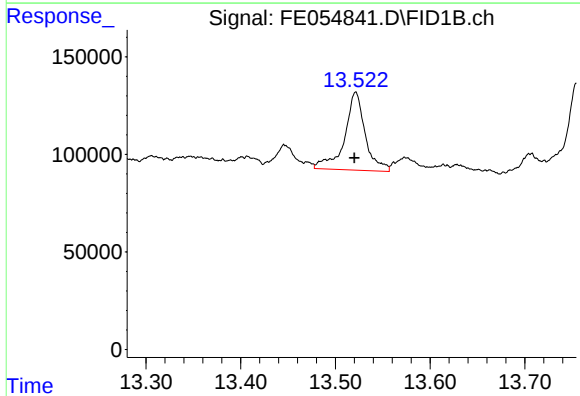
R.T.: 13.077 min
Delta R.T.: 0.004 min
Response: 170243
Conc: 1.18 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0039-E2DL



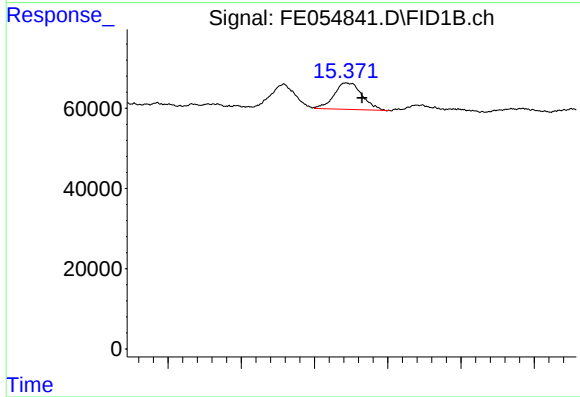
#11 n-Heneicosane (C21)

R.T.: 13.706 min
Delta R.T.: 0.020 min
Response: 203089
Conc: 1.42 ug/ml



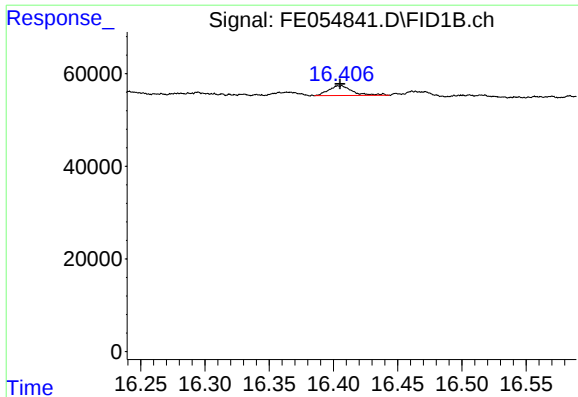
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 606421
Conc: 4.80 ug/ml



#14 n-Tetracosane (C24)

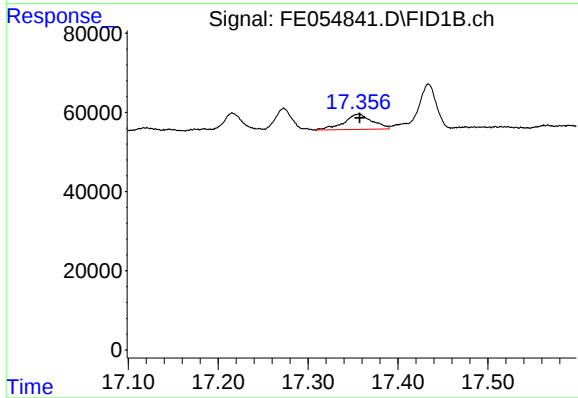
R.T.: 15.373 min
Delta R.T.: -0.010 min
Response: 87965
Conc: 0.61 ug/ml



#15 n-Hexacosane (C26)

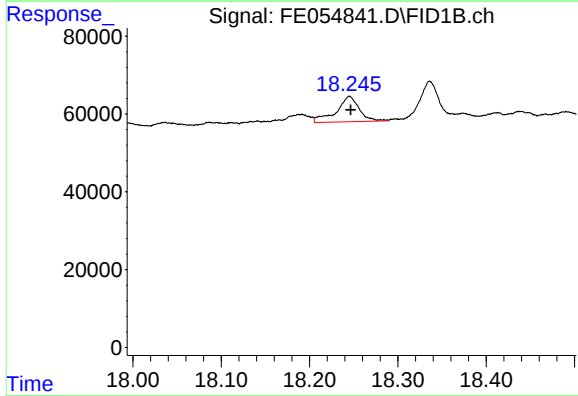
R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 27005
Conc: 0.19 ug/ml

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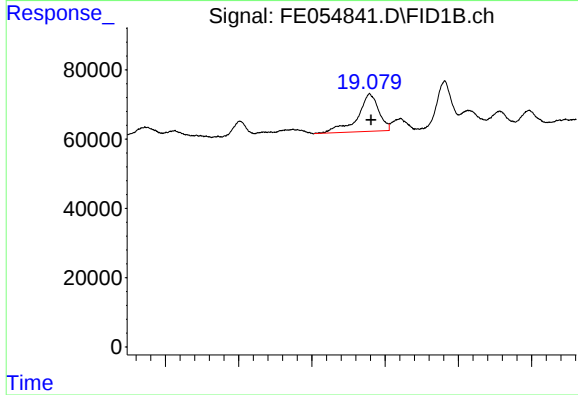
#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: -0.002 min
Response: 84801
Conc: 0.58 ug/ml



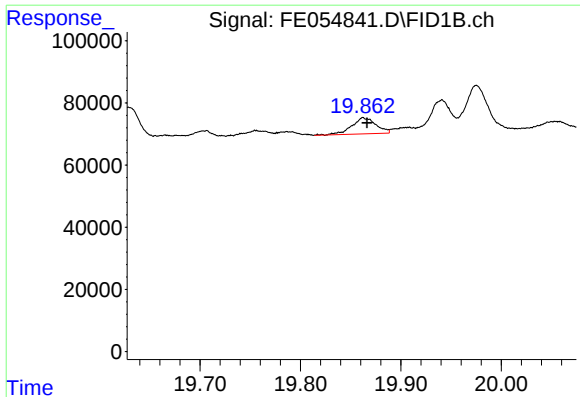
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 117619
Conc: 0.75 ug/ml



#18 n-Dotriacontane (C32)

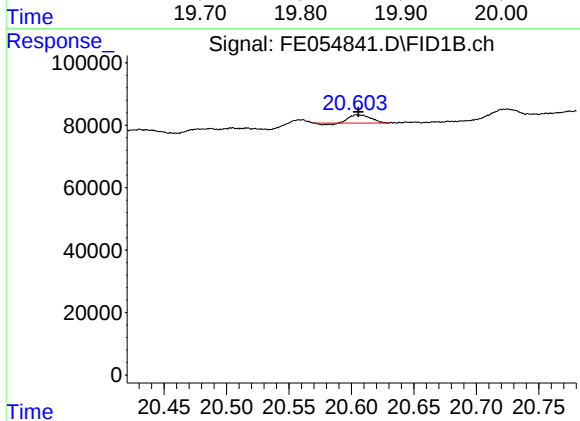
R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 218516
Conc: 1.35 ug/ml



#19 n-Tetratriacontane (C34)

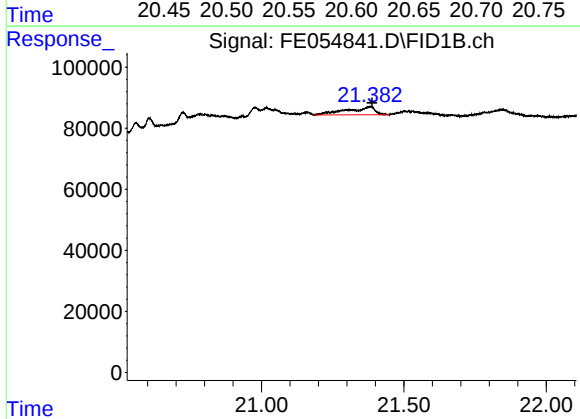
R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 87437
Conc: 0.57 ug/ml

Instrument :
FID_E
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#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 29003
Conc: 0.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.003 min
Response: 180270
Conc: 1.54 ug/ml